

July 2008 original info  
wcr rec'd 8/19/09

DKD Final Review 11/4/09  
DKD

API 4301931569 DELTA  
APD Approved 4/4/08 → <sup>Restart</sup> Spud 2/4/08 Loc 1025' FNL, 2290' FEL  
Originally permitted to 8950' (vertical well) in Cane Creek Fm  
Deepening to 9700' MD (vertical) to Leadville approved 4/4/08  
TD 9109' → \* Need WCR to confirm  
Reached on 4/8/08 PBTD 8348' MD 4/16/08  
TD 9210' Reached on 4/12/08 PBTD 8700' per WCR dated 8/6/09

Vertical well

Horizontal #1

→ Intent rec'd 5/11/08  
Proposed to drill Horiz in Cane Creek Fm to BHL of  
2300 FSL, 660' FEL - Drilled before approval  
Spud 4/16/08  
TD reached on 5/4/08 TD 10200' MD  
8677' TVD  
\* BHL - ?? need dx survey for this leg  
\* Need WCR PBTD 8322' MD on 5/13/08  
12/2/09 rec'd dx survey No Dx Survey title collapsed per WCR dated 8/6/09  
TD 10200' MD, 8677' TVD PBTD 8322' →

Horizontal #2

Could not reenter Horiz #1 so decided to redrill another lateral  
No intent received, No Approval given - Cane Creek Fm  
Spud 5/14/08  
TD reached on 6/7/08 TD 11475' MD  
8426' TVD ✓  
BHL → 3444' FNL (1830' FSL), 725' FEL ✓  
PBTD 7553' on 6/14/08 ✓  
\* need wcr - rec'd 8/17/09

Horizontal #3

~~Drill~~ Drill Horiz In Paradox Fm ("O" zone)  
Spud 6/16/08 Intent received 7/8/08  
Proposed BHL 2100' FSL, 660' FEL  
Proposed TD 10617' MD, 8240' TVD  
Have rec'd <sup>further</sup> no information on this leg - \* need WCR  
12/2/09 rec'd dx survey TD 8498' MD PBTD 7896' MD - No Dx survey Fish in hole @ 8498'  
to 8493'

Horizontal #4

TD 11415' MD, 8333' TVD PBTD 7012' MD ✓  
BHL 1224' FSL, 857' FEL ✓

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. MINERAL LEASE NO: <b>#ML-50325</b>	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. UNIT or CA AGREEMENT NAME: n/a	
2. NAME OF OPERATOR: <b>Delta Petroleum Corporation</b>			9. WELL NAME and NUMBER: <b>Greentown State #31-362216C</b>	
3. ADDRESS OF OPERATOR: <b>370 17th Street, #4300</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>			PHONE NUMBER: <b>(303) 575-0323</b>	10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>1,025' FNL &amp; 2,290' FEL</b> AT PROPOSED PRODUCING ZONE: <b>SAME AS SURFACE</b>			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNE 36 22S 16E</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>Approximately 10 miles south of Green River Utah</b>			12. COUNTY: <b>Grand</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>1,025' (Lease Line)</b>	16. NUMBER OF ACRES IN LEASE: <b>640</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40</b>		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>NA</b>	19. PROPOSED DEPTH: <b>8,950</b>	20. BOND DESCRIPTION: <b>CPCS-215808</b>		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>4,212' - GR</b>	22. APPROXIMATE DATE WORK WILL START:	23. ESTIMATED DURATION:		

**24. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
24"	20"			40	Redi Mix			
16"	13 3/8"	54.5#	J-55 LTC	950	800 sxs	Type G	1.16 yld	15.6#
12 1/4"	9 5/8"	43.5#	P-110 LTC	5,400	Lead: 1200 sxs	85/15/8	2.14 yld	12.5#
					Tail: 700 sxs	Type III	1.41 yld	14.6#
8 1/2"	7"	35#	P-110 LTC	8,950	Lead: 1130 sxs	Foamed G	1.17 yld	16.4#
					Tail: 160 sxs	G	1.17 yld	16.4#

**25. ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                                   |
| <input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER        | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Terry L. Hoffman TITLE Regulatory Manager  
SIGNATURE *Terry L. Hoffman* DATE 2/5/2008

(This space for State use only)

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**RECEIVED**

**FEB 08 2008**

API NUMBER ASSIGNED: *Terry L. Hoffman*

APPROVAL:

Date: 02-07-08

By: *[Signature]*

DIV. OF OIL, GAS & MINING

**RIG SKID**

# SECTION 36 T.22 S., R.16 E., S.L.B. & M.

PROJECT

## DELTA PETROLEUM CORPORATION

WELL LOCATION, LOCATED AS SHOWN  
IN THE NW 1/4 OF THE NE 1/4 OF  
SECTION 36 T.22 S., R.16 E., S.L.B. & M.  
GRAND COUNTY, UTAH

### LEGEND



SECTION CORNER AS NOTED  
QUARTER CORNER AS NOTED  
PROPOSED WELL LOCATION

NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT  
GREENTOWN STATE #31-362216C WELL  
LOCATED IN THE NW 1/4 OF THE NE 1/4 OF  
SECTION 36 T.22 S., R.16 E., S.L.B. & M.  
GRAND COUNTY, UTAH.

### BASIS OF ELEVATION

ELEVATION BASED ON TRIANGULATION STATION ABRES  
LOCATED IN THE SE 1/4 OF SECTION 36 T.22 S.,  
R.16 E., S.L.B. & M.  
ELEVATION USED 4451.95

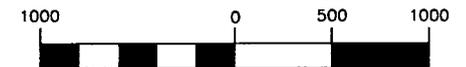
### CERTIFICATE

THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER  
MY SUPERVISION, AND THAT THE SAME ARE TRUE AND  
CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RYAN W. SAVAGE

DATE

### GRAPHIC SCALE



1 inch = 1000 ft.

### BASIS OF BEARING

BASIS OF BEARING USED WAS N89°55'06"W BETWEEN THE NORTHEAST CORNER  
AND THE NORTH 1/4 CORNERS OF SECTION 36 T.22 S., R.16 E., S.L.B. & M.

WELL LATITUDE: 38°51'33.355"N OR 38.559265  
WELL LONGITUDE: 110°06'22.327"W OR -110.106202

### Savage Surveying, INC.

Ryan W. Savage, PLS  
PO BOX 892  
275 S. 100 W  
Riverton, UT 84701  
Home: 313-896-8635  
Fax: 435-896-8635  
Cell: 435-208-1345



### WELL LOCATION PLAT FOR

### DELTA PETROLEUM CORPORATION

DRAWING NAME	SCALE	DATE	PROJECT NUMBER	SHEET NUMBER
LOCATION C	1" = 1000'	1-25-08	0702-016S	1
DESIGNED BY:	SURVEYED BY:	CHECKED BY:	DRAWN BY:	
T.M.	T.K.S.	R.W.S.	D.G.	

## DRILLING PROGRAM

### TIGHT HOLE STATUS

Delta Petroleum Corporation  
**Greentown State #31-362216C**  
NWNE 1,025' FNL & 2,290' FEL  
Section 36-T22S-R16E  
Grand County, Utah

#### 1. The Geologic Surface Formation

	<u>TVD</u>	<u>Subsea</u>
Morrison-Salt Wash	0'	4372'

#### 2. Estimated Tops of Important Geologic Markers

	<u>TVD</u>	<u>Subsea</u>
Morrison-Salt Wash	0'	4372'
Entrada	85'	4287'
Carmel	337'	4035'
Navajo	484'	3888'
Kayenta	894'	3478'
Wingate	989'	3383'
Chinle	1358'	3014'
Shinarump	1608'	2764'
Moenkopi	1763'	2609'
White Rim	2637'	1735'
Cutler	2945'	1,427'
Honaker Trail	3253'	1119'
Paradox Salt	5537'	-1165'
Pinkerton Trail	8837'	-4465'
Total Depth	8950'	-4578'

#### 3. Projected Gas & Water Zones

		<u>TVD</u>	<u>Subsea</u>
Morrison-Salt Wash	Water	0'	4372'
Entrada	Water	85'	4287'
Navajo	Water/gas	484'	3888'
Wingate	Water/gas	989'	3383'
White Rim	Water/gas	2637'	1735'
Cutler	Water/gas	2945'	1427'
Honaker Trail	Water/gas	3253'	1119'
Paradox Salt	Gas/oil	5537'	-1165'

G,O & W = Primary; g,o & w = Secondary

No Groundwater is anticipated to be encountered. Water encountered will be reported on a Form 7 "Report of Water Encountered during Drilling".

Casing & cementing will be done to protect all fresh water zones, potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits.

All indications of usable water will be reported.

Surface casing will be tested to 1500 psi for 15 minutes. Pressure drop is not to exceed 150 psi.

#### 4) The Proposed Casing and Cementing Programs

##### Casing Program

Hole Size	Setting Depth	Size (OD)	Weight, Grade & Joint	Condition
24"	40'	20"	Conductor	New
16"	950'	13-3/8"	54.5#, J-55, LTC	New
12-1/4"	5400'	9-5/8"	43.5#, P-110, LTC	New
8-1/2"	8950'	7"	35#, P-110, LTC	New

##### Cement Program

###### Surface Casing:

800 sxs Type "G"  
Weight: 15.6 #/gal  
Yield: 1.16 cu.ft/sk

###### Intermediate Casing:

Lead: 1200 sxs 85/15/8  
Weight: 12.5 #/gal  
Yield: 2.14 cu.ft/sk

Tail: 700 sxs Type III  
Weight: 14.6 #/gal  
Yield: 1.41 cu.ft/sk

###### Production Casing:

Lead: 1130 Foamed G  
Weight: 16.4 #/gal  
Yield: 1.17 cu.ft/sk

Tail: 160 sxs Class "G"  
Weight: 16.4 #/gal  
Yield: 1.17 cu.ft/sk

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
  - 2) Blowout preventer tests for proper functioning;
  - 3) Blowout prevention drills conducted;
  - 4) Casing run, including size, grade, weight, and depth set;
  - 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
  - 6) Waiting on cement time for each casing string;
  - 7) Casing pressure tests after cementing, including test pressures and results.
5. The Operator's Minimum Specifications for Pressure Control

**Basin Information**

Greentown State #36-11 NWNW of Section 36-T21S-R16E: Drilling to a depth of 6,011' normal pressure gradients were seen (MW of 10.2 ppg or 0.53 psi/ft). At 6,011' a clastic break was drilled which required MW of 12.5 ppg or 0.65 psi/ft to control permeable gas.

Greentown State #32-42 SENE of Section 32-T22S-R17E: Drilling to a depth of 5,600' normal pressure gradients were seen (MW of 10.2 ppg or 0.53 psi/ft). After 5,600' a clastic break was drilled which required MW of 11.2 ppg or 0.58 psi/ft to control permeable gas. Another clastic break was drilled @ 7,710' which required MW of 12.7 ppg or 0.66 psi/ft. A clastic break was again drilled at 8,552' which required MW of 13.4 ppg or 0.70 psi/ft.

As a result of the knowledge and experience gained from the drilling of these two wells Delta has changed well construction plans for this well. The Drilling Plan now reflects and is based on maximum MW of 13.5 ppg. This will require pressure equipment which will be rated and tested to 10,000 psi.

BOP Equipment is as follows:

4-1/2" x 20" rotating head from surface to 650'

13" 5M BOP stack and 5M kill lines and choke manifold used from surface to 5400'

11" 10M BOP w/rotating head, 5M annular, 4-1/2" rams, blind rams & mud cross from 5400-8950' TD

Attached is a schematic diagram for both a 5M & 10M Blowout Preventer Equipment

6. The Type and Characteristics of the Proposed Circulating Muds

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Vis</u>	<u>Water Loss</u>
0-1,000'	Air/Water	+/-8.5	+/-28	NC
1,000-5,400'	Air	+/-8.5	+/-28	NC
5,400- 8,950'	Salt Mud	+/-13.5	+/-44	+/-10

7. The Testing, Logging and Coring Programs is as followed

DST's: None

Logging - End of Surface csg – TD: Platform Express/Sonic Scanner; Surface – TD: GR  
Coring – None

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 6265 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

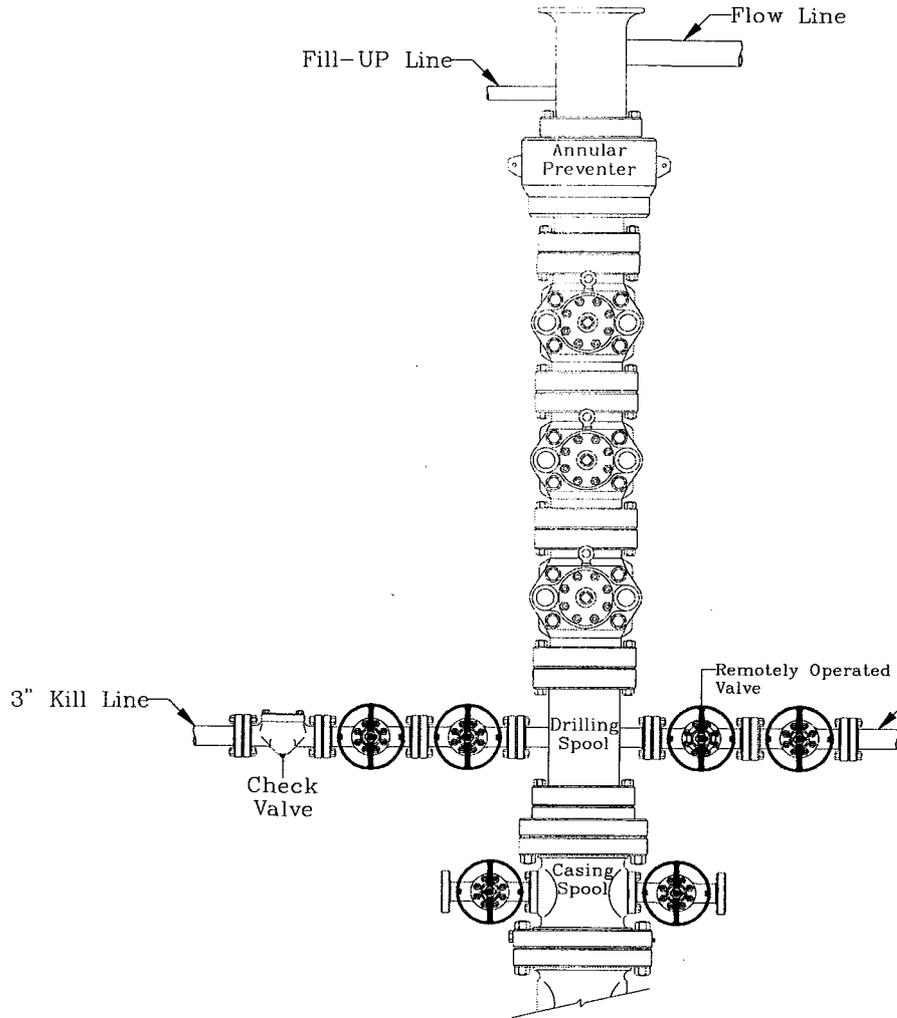
8. Anticipated Starting Date and Duration of the Operations: September, 2007

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

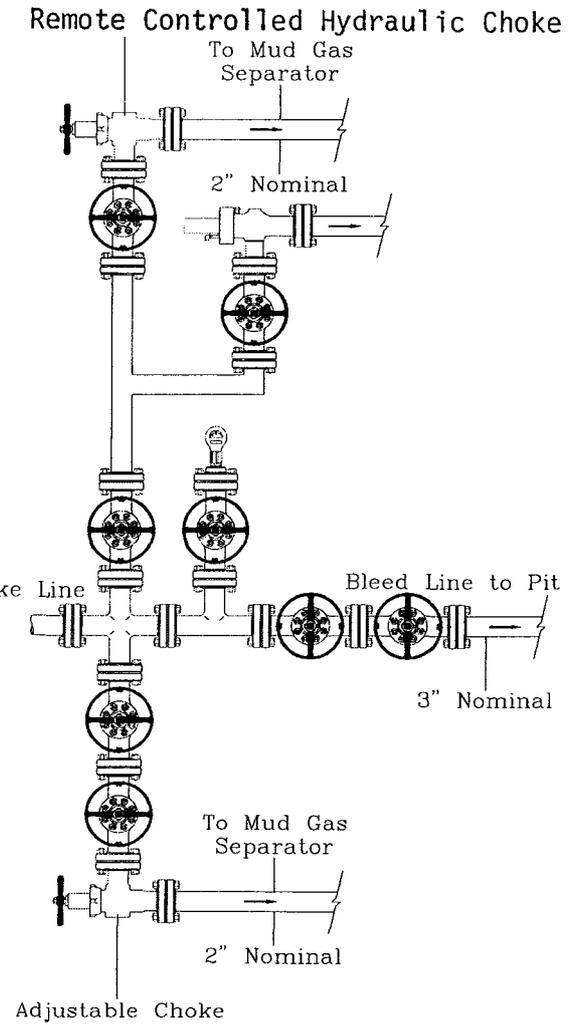
- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

TYPICAL 10,000# p.s.i.  
BLOWOUT PREVENTER  
SCHEMATIC

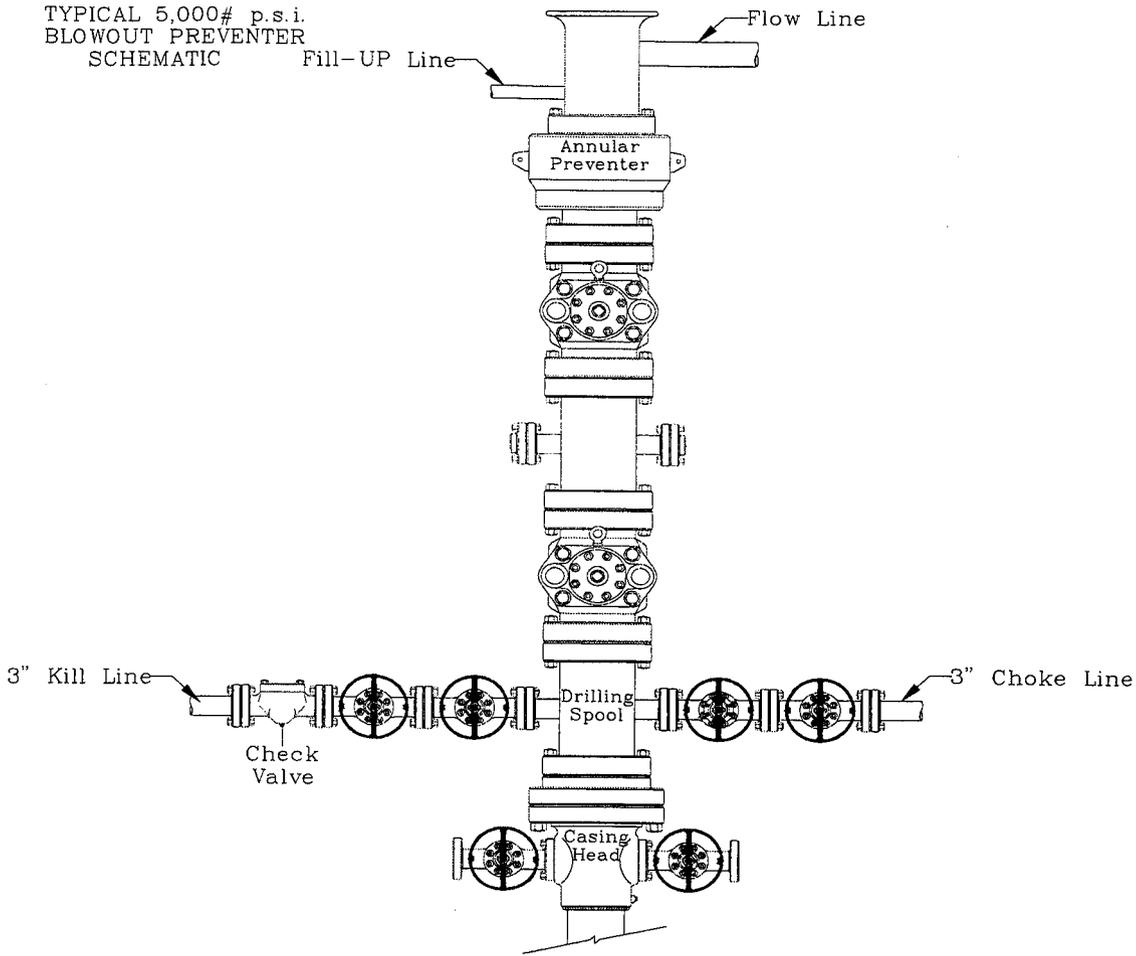


TYPICAL 10,000# p.s.i.  
CHOKE MANIFOLD  
SCHEMATIC

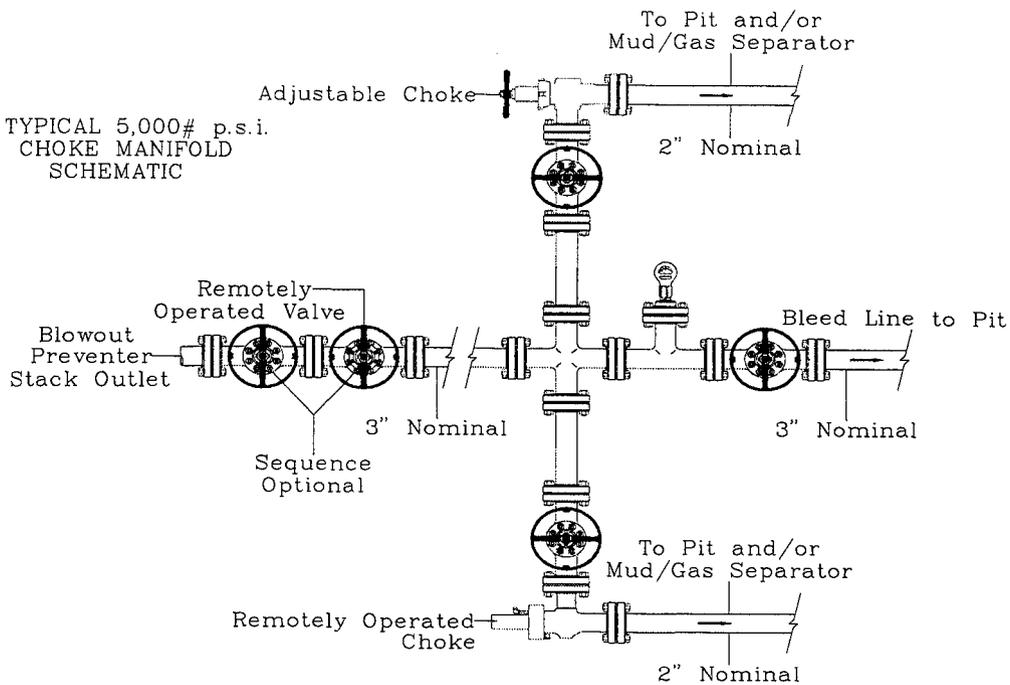


# Typical 5,000# BOP & Choke Manifold Schematic

TYPICAL 5,000# p.s.i.  
BLOWOUT PREVENTER  
SCHEMATIC



TYPICAL 5,000# p.s.i.  
CHOKE MANIFOLD  
SCHEMATIC



## Surface Use Plan

### **TIGHT HOLE STATUS**

Delta Petroleum Corporation  
**Greentown State #31-362216C**  
NWNE 1,025' FNL & 2,290' FEL  
Section 36-T22S-R16E  
Grand County, Utah

**Existing Roads:** The "Vicinity Map Exhibit" indicates the proposed well site and the proposed access route. The map also shows the sections of the access route that will use existing roads and where new construction will be required. All existing roads will be maintained in as good or better condition than they are now. Newly constructed roads will be maintained in that same condition.

**Access Roads to Be Constructed and Reconstructed:** "Road Design Exhibit" shows the road width, maximum grade, culvert and drainage design that will be required for the new access road. It is believed that the surface substrate material will provide for structure as well as traction during wet conditions. If additional surface material is needed it will be acquired from an approved source.

**Location of Existing Wells:** There is a geyser well bore situated approximately 1,675 feet away from the proposed Greentown State #31-362216 well. The archaeology crew has recorded this as a non-eligible site and is identified in the Archaeology Report under: **Project No.:** U-07-LW-0408; **Isolate No.:** GT-IF112. The geyser well bore is not functional and is in a current state of deterioration situated within a one mile radius of the proposed location. ("Exhibit A")

### **Location and Type of Water Supply (Rivers, Creeks, Lakes, Ponds, and Wells):**

Water for the Greentown State #31-362216 will be obtained from water purchased from the city of Green River.

**Construction Materials:** Natural earth materials used for the construction of roads and fills will be taken from locations essentially contiguous to or nearby the locations to be improved. If additional surface material is needed it will be acquired from an approved source.

**Methods for Handling Waste disposal:** The reserve pit will be used for the disposal of waste mud and drill cuttings. All borehole fluids will be contained in the reserve pit. All appropriate measures will be taken to prevent leakage into the substratum or onto the surface. All appropriate measures will be taken to prevent overflow, and a minimum of 2 feet of freeboard will be maintained in the reserve pit. It will be constructed on the well pad ("Rig Layout/Construction Diagram Exhibit").

Wastewater will not be discharged on the surface at this site and the drilling of the well will not require a wastewater management plan.

All rubbish and debris will be kept in containers on the well site, and will be hauled to an approved disposal site upon completion of drilling and completion operations and as needed during such operations. There will be no chemical disposal of any type.

Self-contained, portable toilets will be used for human waste, and the waste will be disposed at an approved landfill. Sanitation will comply with local and state regulations for the disposal of human waste.

***Ancillary Facilities:*** No ancillary facilities will be required.

***Well Site Layout:*** "Rig Layout/Construction Design Exhibit" shows the proposed well site layout which includes location of the reserve pit and access road onto the pad, turnaround areas, parking areas, living facilities, soil material stockpiles, and the orientation of the rig with respect to the pad and other facilities. Construction diagram "TS #1" shows cuts and fills required for construction, and their relationship to topography.

The pit will be lined with a synthetic liner having a minimum thickness of 12-16 mills and if the reserve pit is built in rock, geotextile or some other suitable material will be utilized.

***Plans for Reclamation of the Surface:*** Reclamation of the surface will commence as soon after construction, drilling and well completion are concluded, as is practicable. In the event of a dry hole, the drill site and roadways will be restored to their original condition within 180 days after plugging date of the well, depending on weather and other extenuating circumstances. If the well goes into production those portions of the pad not needed would be restored to their original condition. When the well is plugged after production ceases the pad and access road will be restored to their original condition.

All junk, debris, or other foreign material must be removed before initiating any dirt work to restore the location. The fence around the reserve pit will be maintained in good repair during the drilling operations and will be completed by constructing the fourth side while the pit is drying. It will remain in place until the pit is completely dry and the site restoration begins. All fences will be constructed with four-strand barbed wire.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed. All stockpiled topsoil, in proportion to the area being reclaimed, will be used in reclaiming areas without an on-going operation.

Site reclamation will include:

- Removing the road base material from the access road and any other surface that may be covered by such material;
- Recontouring the location to approximate natural contours, to the extent practicable; evenly redistributing stockpiled topsoil over the recontoured areas;
- Scarifying recontoured areas, including the access road, by use of a disk or harrow prior to seeding; and
- Drilling or broadcasting seeds.

Disturbed areas will be seeded with a mixture approved by the local USDA Natural Resource Conservation Service.

All hillsides and other places where the contractor has moved earthen materials to facilitate operations, will be restored to as near original condition as practical. The surface of the re-contoured land will be left in a slightly roughened condition to collect precipitation and to promote seed germination.

Road base material, used in the construction of the access road and pad, will be removed from the site and disposed in a proper manner. If the reserve pit has adequate capacity, then some or all of the gravel will be buried in the reserve pit, provided that the gravel is not contaminated by oil or other waste materials. The access road will be recontoured using of an excavator or similar equipment, rather than simply ripping the surface. Culverts will be removed from the site.

During the life of the project and until the site is released from liability for reclamation, the project will be inspected at least annually for noxious weeds. If invasive noxious weeds are found, the weeds will be treated to eliminate further reproduction (spread), and treatment shall continue until the weeds have been eradicated. If noxious weeds are found, SITLA will be notified of their occurrence.

***Surface Ownership:*** The surface of the proposed well site is owned by the State of Utah – School and Institutional Trust Lands Administration.

***Other Information:*** The top 2 to 4 inches of soil material will be stripped and removed from the access road and well pad and stockpiled for future reclamation of the site. This topsoil shall be stockpiled separately from any other excavated materials. Topsoil will be reserved for reclamation and not utilized for any other purpose. If it is stockpiled for more than one year it will be reseeded with a seed mix approved by the authorized officer.

Heavy equipment, used to construct and rehabilitate the well pad and access road, will be cleaned and/or sprayed to remove any noxious or invasive weeds and seeds, prior to entering to the project site. Any other equipment and vehicles, that have been used in other locations, where noxious weeds or seeds could have attached to the equipment, will also be sprayed and/or cleaned.

Any accumulation of hydrocarbons in the reserve pit will be removed and recovered for sale unless it is determined by the Authorized Officer to be waste oil. All waste oil will be disposed of properly at approved facilities.

For reclamation, the polyurethane liner in the reserve pit, will be cut back and buried in the existing pit and covered with topsoil. The reserve pit will be backfilled to slightly above grade to allow for settling of the unconsolidated fill material.

All equipment and vehicles will be confined to the access road and well pad.

Any facilities in an existing right of way that are damaged as a result of the oil and gas operations will be repaired or replaced.

All permanent structures, including pumping units, constructed or installed will be painted a flat, non-reflective color. Permanent structures are defined as being on location for six months or longer. Facilities required to comply with Occupational Safety and Health Act (OSHA) shall be excluded.

Fire suppression equipment will be available to suppress any wildfires caused by construction or related activities. In the event of a wildfire, the Moab Interagency Fire Center will be notified.

This proposed project is aimed at increasing the hydrocarbon reserves and is very important for Delta to cross State lands situated within the State of Utah. In addition, in the event that production can be established in this project, it will be of financial benefit to the private holders of oil and gas rights including SITLA in fulfillment of its stewardship responsibilities over federally owned oil and gas assets. We consider the environmental impact of this project to be slight and we will make every effort to be conscientious operators and to insure protection and preservation of the environment during the course of our drilling and producing operations.

**DELTA PETROLEUM CORPORATION**

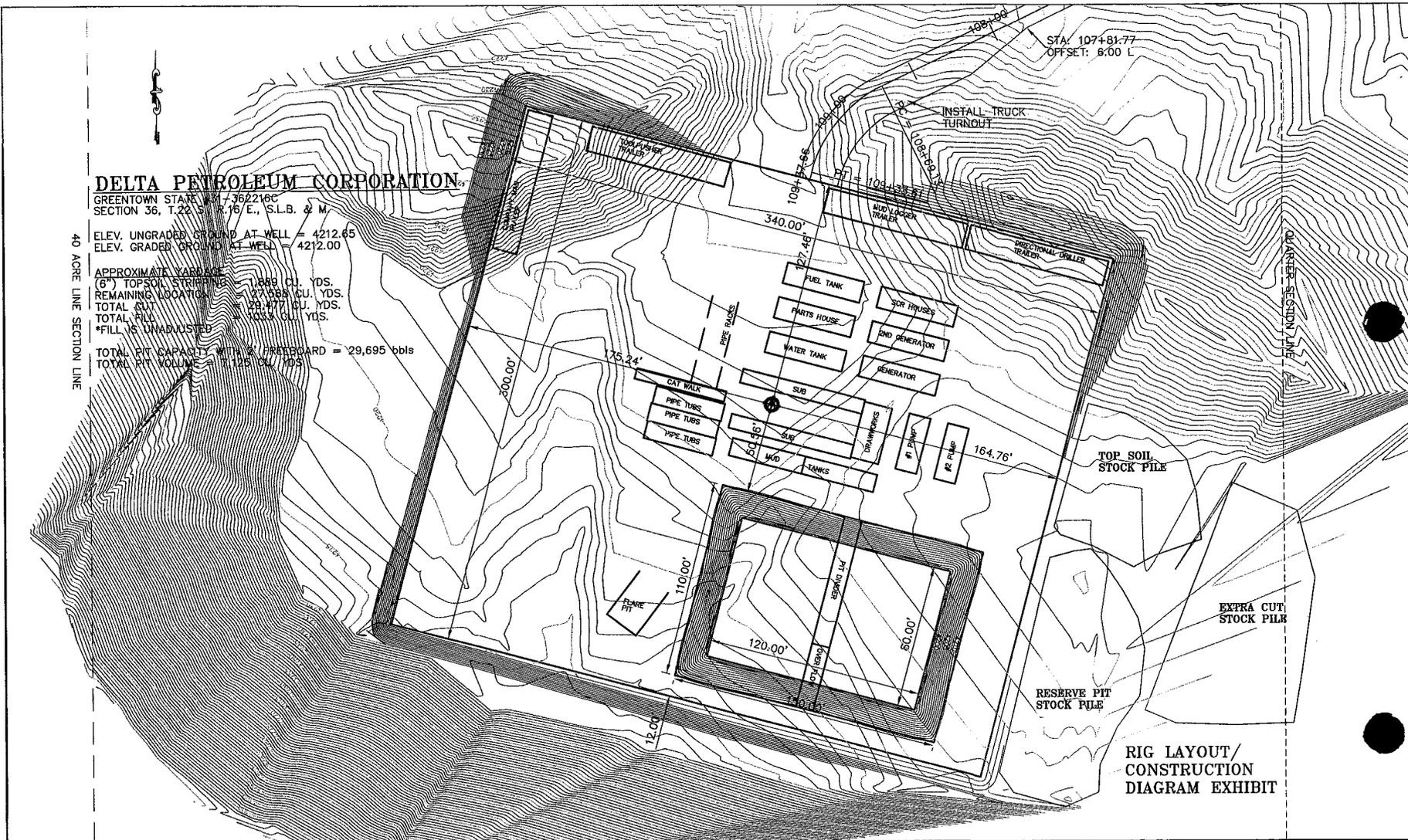
GREENTOWN STATE 31-362216C  
SECTION 36, T.23 N., R.16 E., S.1 B. & M.

ELEV. UNGRADED GROUND AT WELL = 4212.65  
ELEV. GRADED GROUND AT WELL = 4212.00

APPROXIMATE VOLUMES  
(6" TOP SOIL STRIPES) = 1,888 CU. YDS.  
REMAINING ADOPTION = 27,588 CU. YDS.  
TOTAL CUT = 29,477 CU. YDS.  
TOTAL FILL = 1,033 CU. YDS.  
\*FILL IS UNADJUSTED

TOTAL PIT CAPACITY WITH 2' FREEBOARD = 29,695 bbls  
TOTAL PIT VOLUME = 1,125 CU. YDS.

40 ACRE LINE SECTION LINE



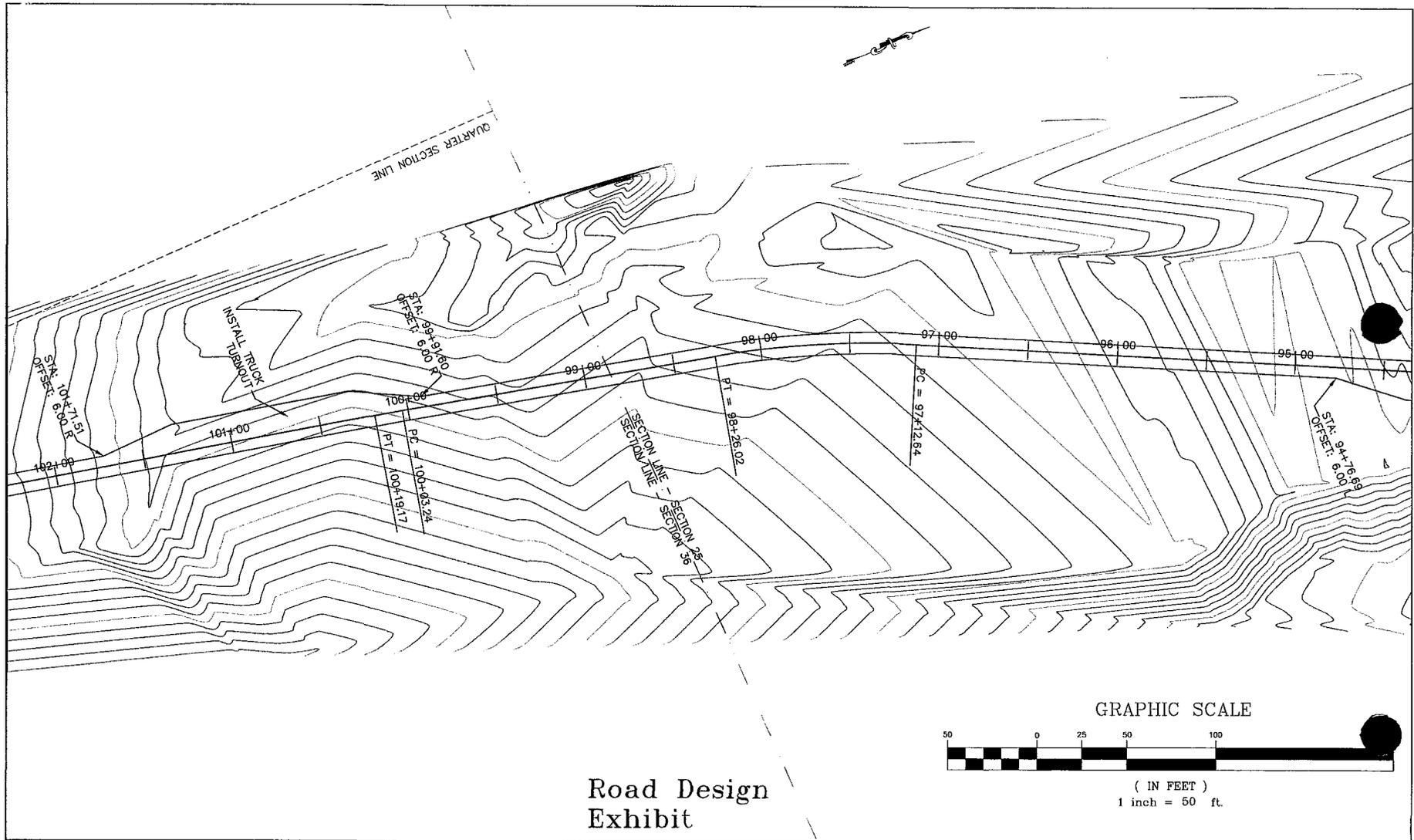
**RIG LAYOUT/  
CONSTRUCTION  
DIAGRAM EXHIBIT**

Savage Surveying, INC.  
Ryan W. Savage, PLS  
DPA 680001

**GREENTOWN STATE 31-362216C PAD LAYOUT**

ENGINEER T.M.	SCALE 1"=50'	SHEET NO.
CHECKED		



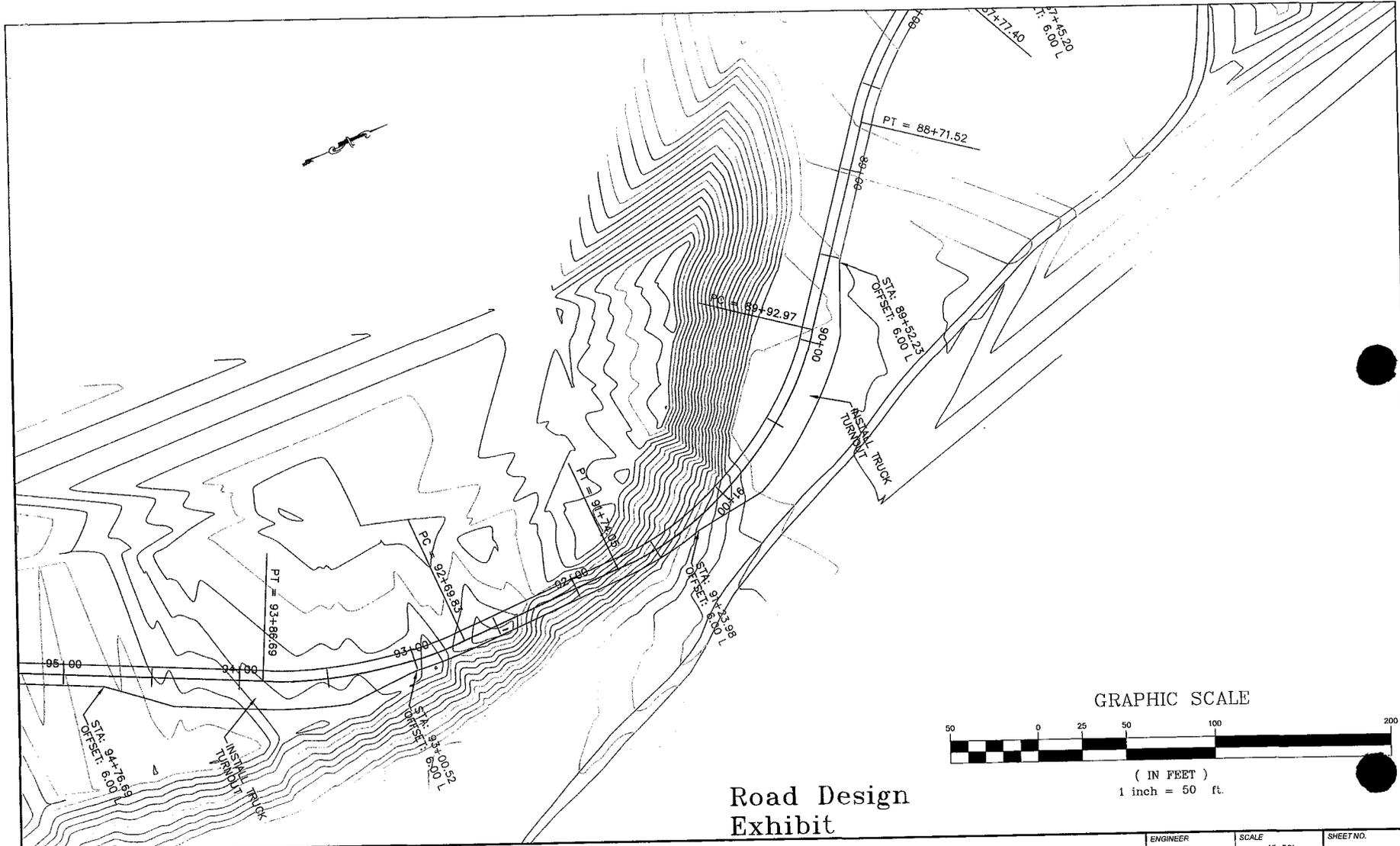


Road Design  
Exhibit

Savage Surveying, INC.  
Ryan W. Savage, PLS  
PO Box 102

GREENTOWN STATE 31-362216C PAD LAYOUT

ENGINEER T.M.	SCALE 1"=50'	SHEET NO.
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### Road Design Exhibit

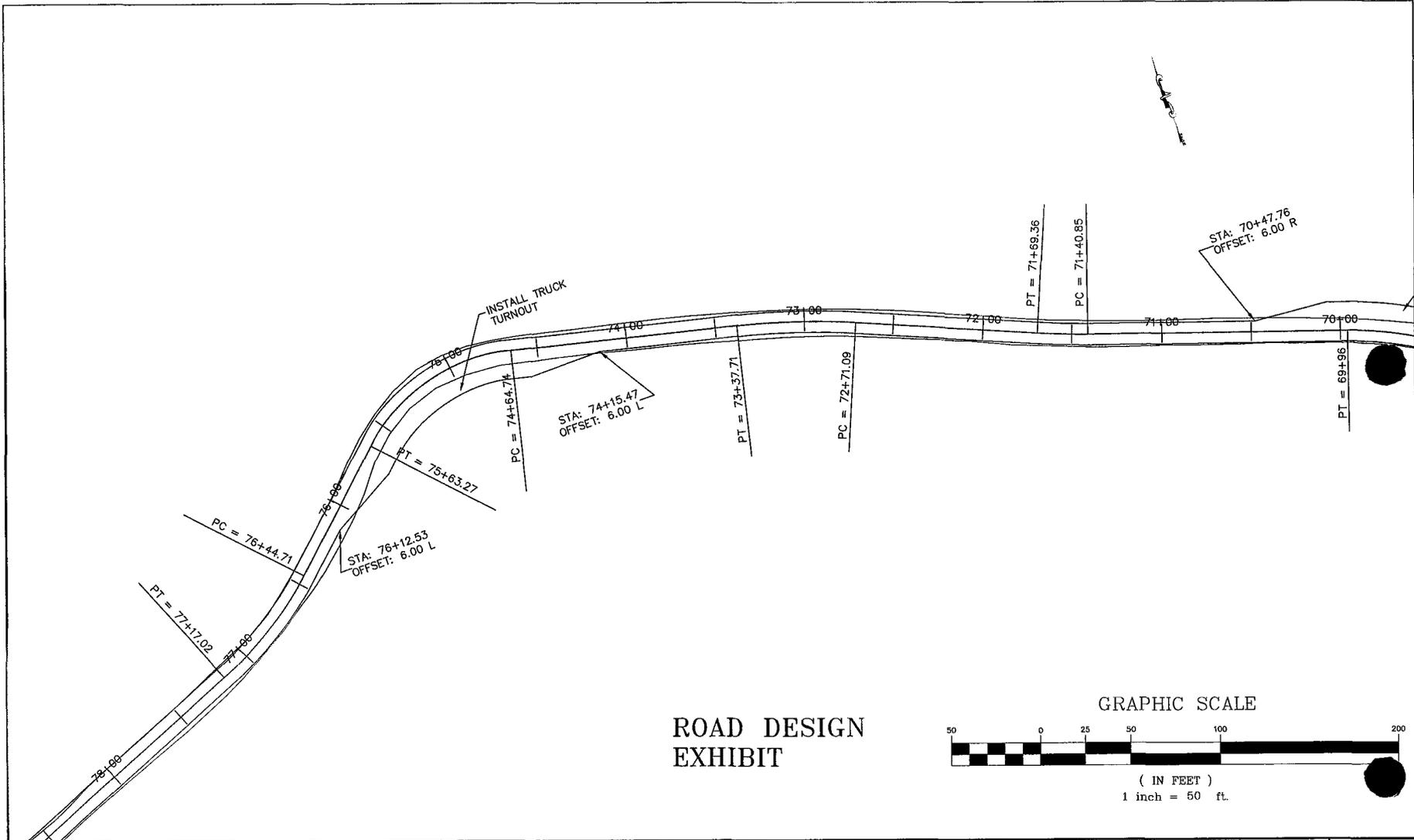
GREENTOWN STATE 31-362216C PAD LAYOUT  
 DELTA PETROLEUM CORPORATION

Savage Surveying, INC.  
 Ryan W. Savage, PLS  
 270 828 8901  
 2773 8000 W  
 P.O. Box 144 84701  
 277 828 8905-8025

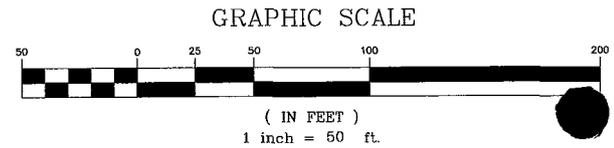


ENGINEER T.M.	SCALE 1"=50'	SHEET NO.
CHECKED R.W.S.	PROJ. # 0702-0165C DWS. NO. 0702-0165	RD 3
DRAWN D.G.	DATE 1-25-08	





ROAD DESIGN  
EXHIBIT



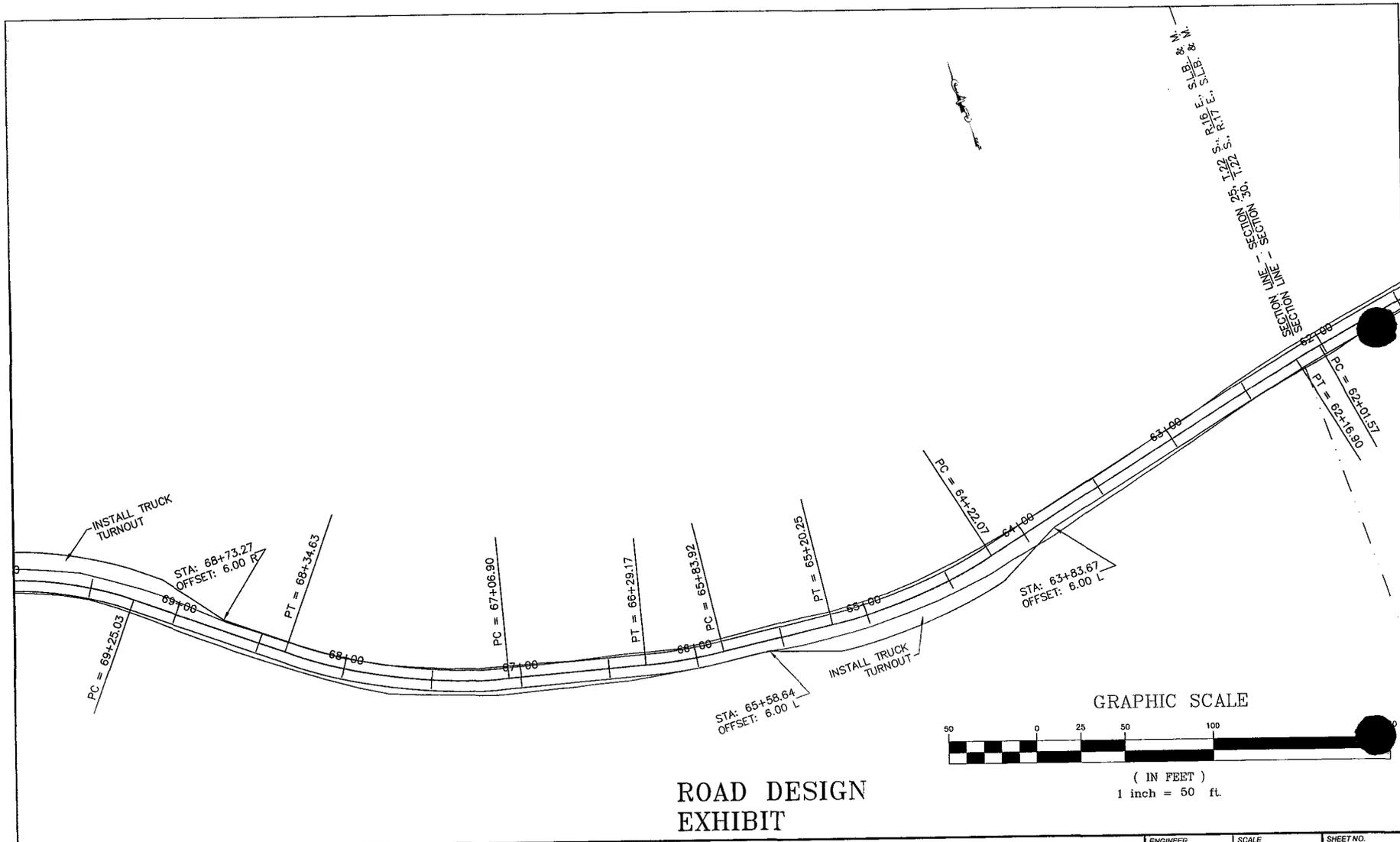
Savage Surveying, INC.

Ryan W. Savage, PLS  
902 N. 8th St.  
275 2 800 W  
Raleigh, NC 27601  
1977-2013 919-866-8635  
Fax: 919-866-8635  
Cell: 435-294-1345



GREENTOWN STATE 31-362216C PAD LAYOUT  
DELTA PETROLEUM CORPORATION

ENGINEER T.M.	SCALE 1"=50'	SHEET NO.
CHECKED R.W.S.	PROJ.# 0702-016SC DWG.# 0702-016S	RD 5
DRAWN D.G.	DATE 1-25-08	

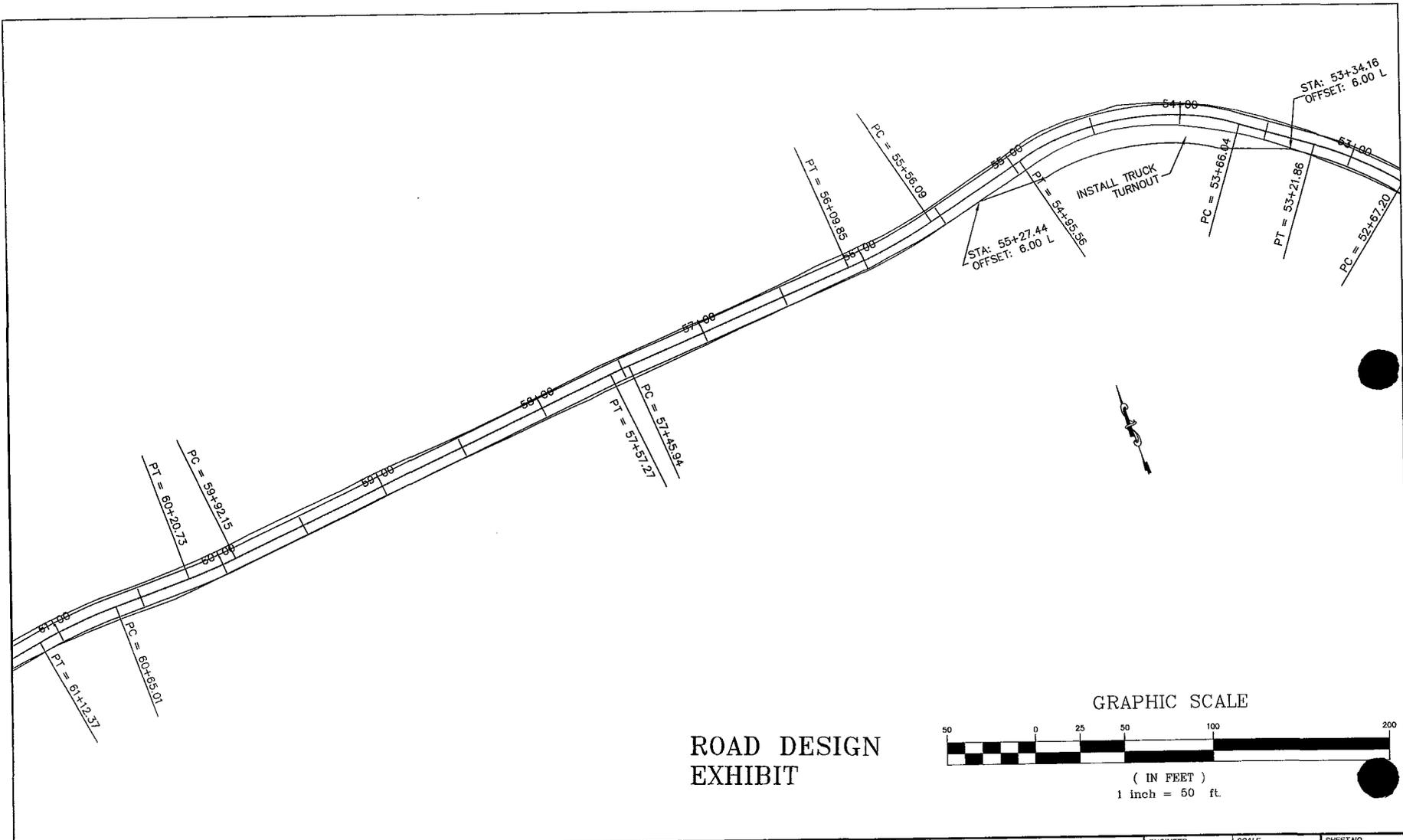


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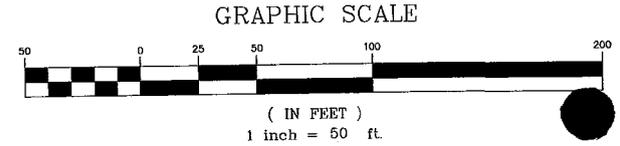
## GREENTOWN STATE 31-362216C PAD LAYOUT

Savage Surveying, INC.  
Ryan W. Savage, PLS

ENGINEER T.M.	SCALE 1"=50'	SHEET NO.
CHECKED	PROJ.#: 0702-0168C	DDC



ROAD DESIGN  
EXHIBIT

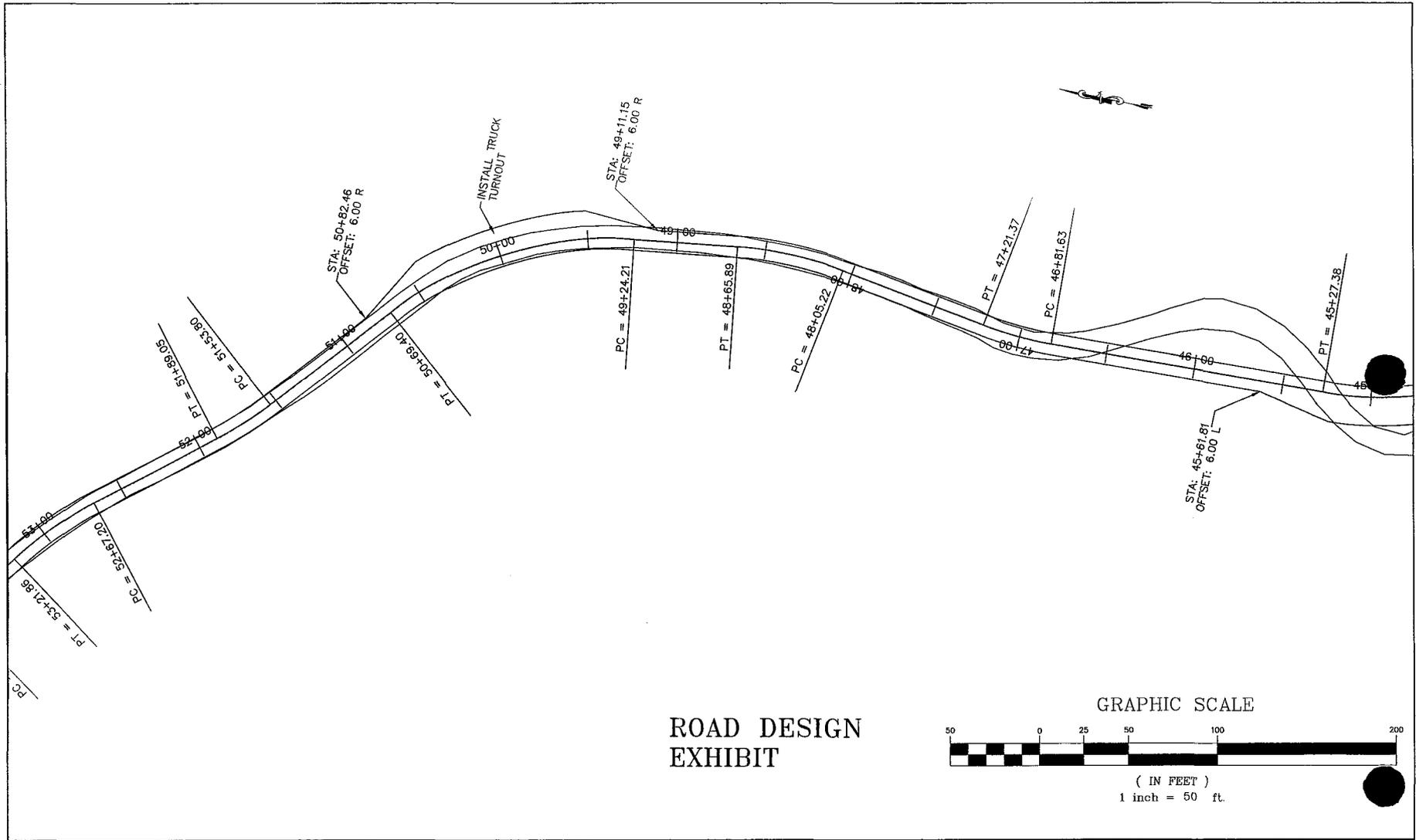


Savage Surveying, INC.  
 Ryan W. Savage, PLS  
 PO Box 892  
 2175 5th W  
 Roseburg, OR 97471  
 Phone: 531-896-8635  
 Fax: 531-896-8635  
 E-Mail: rws@ssinc.com

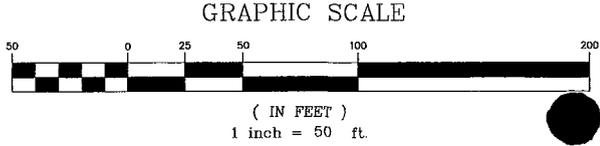


GREENTOWN STATE 31-362216C PAD LAYOUT  
 DELTA PETROLEUM CORPORATION

ENGINEER T.M.	SCALE 1"=50'	SHEET NO.  <b>RD 7</b>
CHECKED R.W.S.	PROJ# 0702-016SC DWG. NO. 0702-016S	
DRAWN D.G.	DATE 1-25-08	



ROAD DESIGN  
EXHIBIT

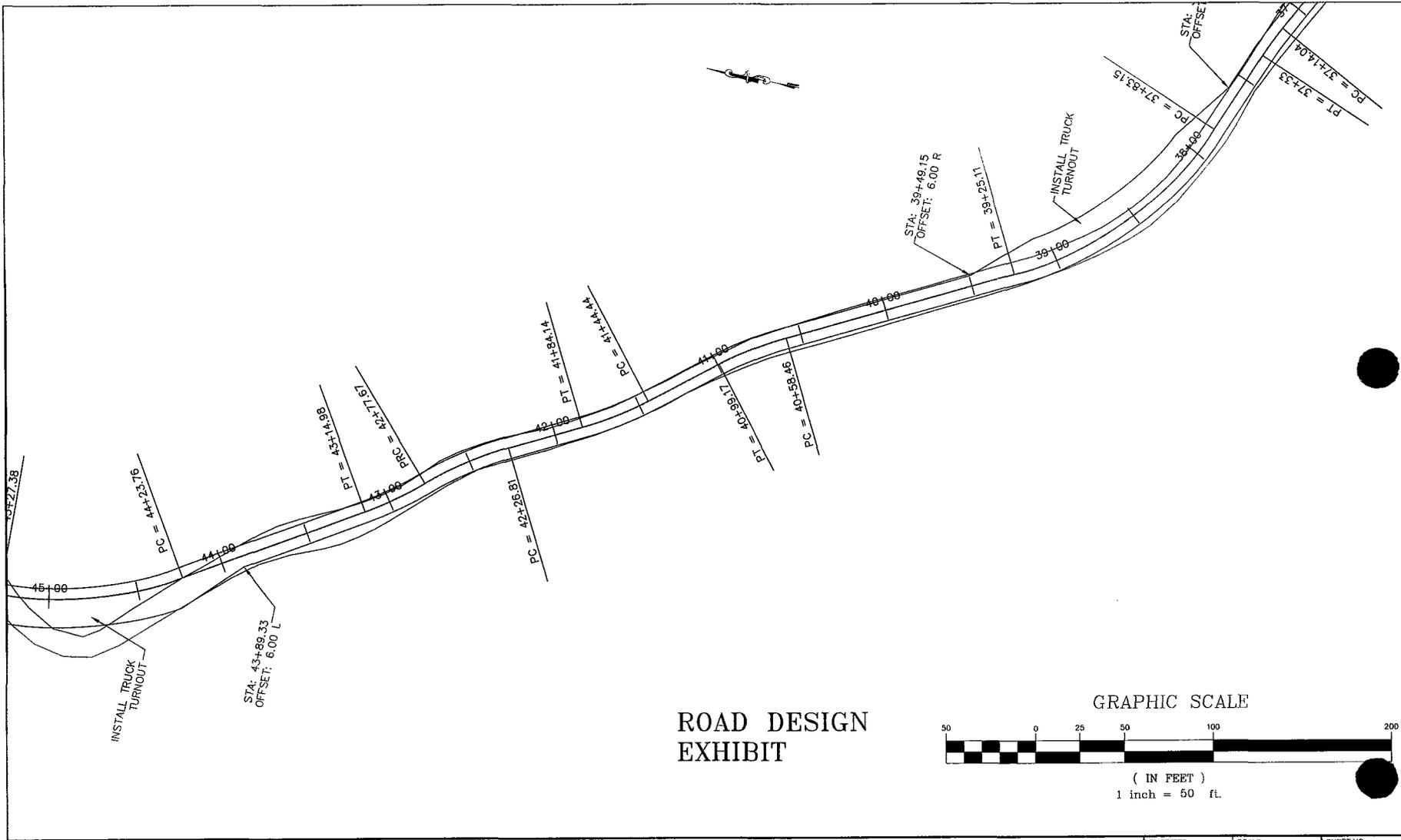


Savage Surveying, INC.  
Ryan W. Savage, PLS  
PC 80102  
274 S.W.W.  
PO BOX 16701  
LITTLE ROCK, AR 72116  
PH: 485-896-8635  
FAX: 485-261-1345



GREENTOWN STATE 31-362216C PAD LAYOUT  
DELTA PETROLEUM CORPORATION

ENGINEER T.M.	SCALE 1"=50'	SHEET NO.  <b>RD 8</b>
CHECKED R.W.S.	PROJ# 0702-0165C DWG NM.0702-0165	
DRAWN D.G.	DATE 1-25-08	

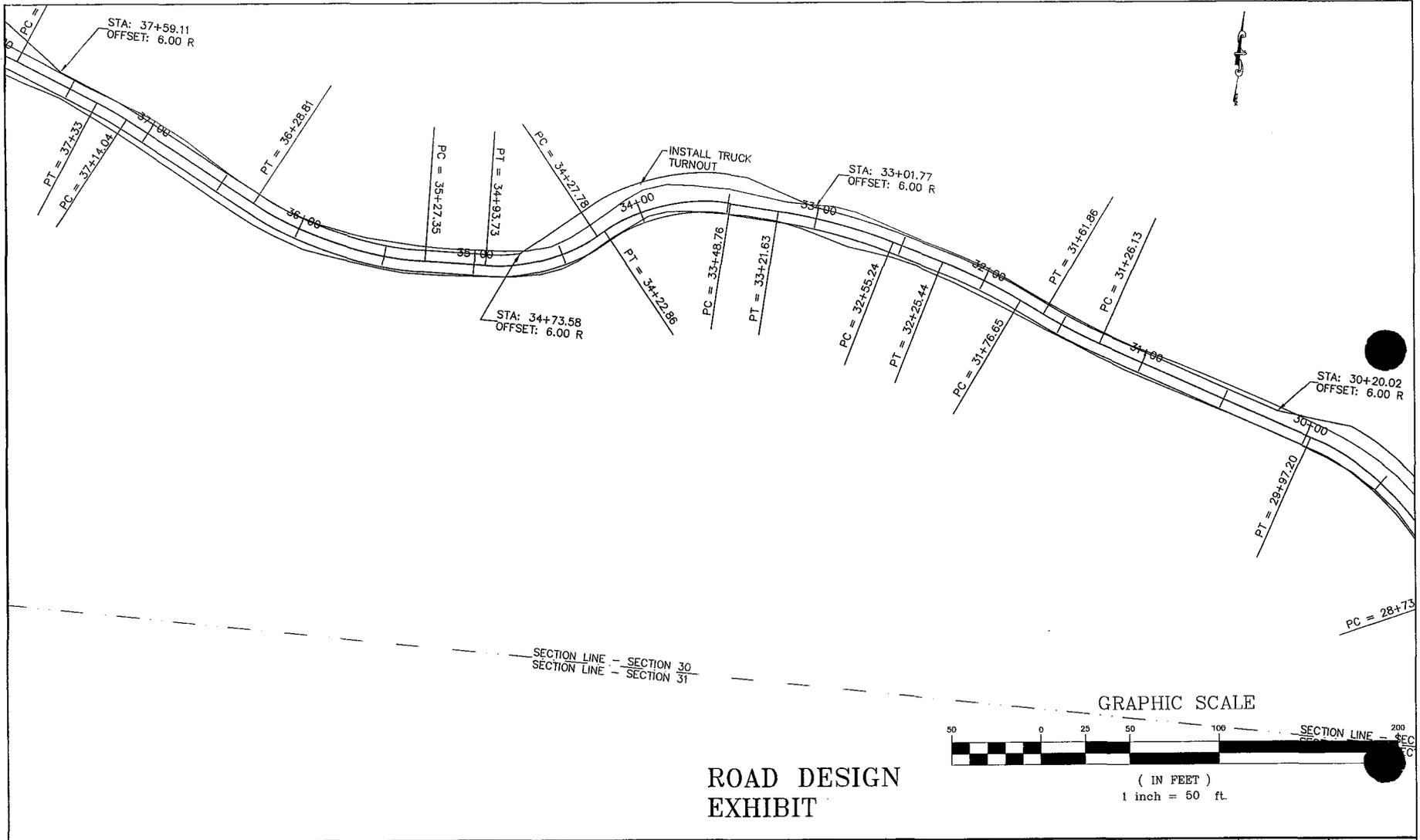


Savage Surveying, INC.  
 Ryan W. Savage, PLS  
 PO Box 892  
 275 800 W  
 Durham, NC 27701  
 Phone: 919-896-8635  
 Fax: 919-896-8635  
 Cell: 919-396-1345



GREENTOWN STATE 31-362216C PAD LAYOUT  
 DELTA PETROLEUM CORPORATION

ENGINEER T.M.	SCALE 1"=50'	SHEET NO.
CHECKED R.W.S.	PROJ.# 0702-016SC DWG NM 0702-016S	RD 9
DRAWN D.G.	DATE 05-11-07	

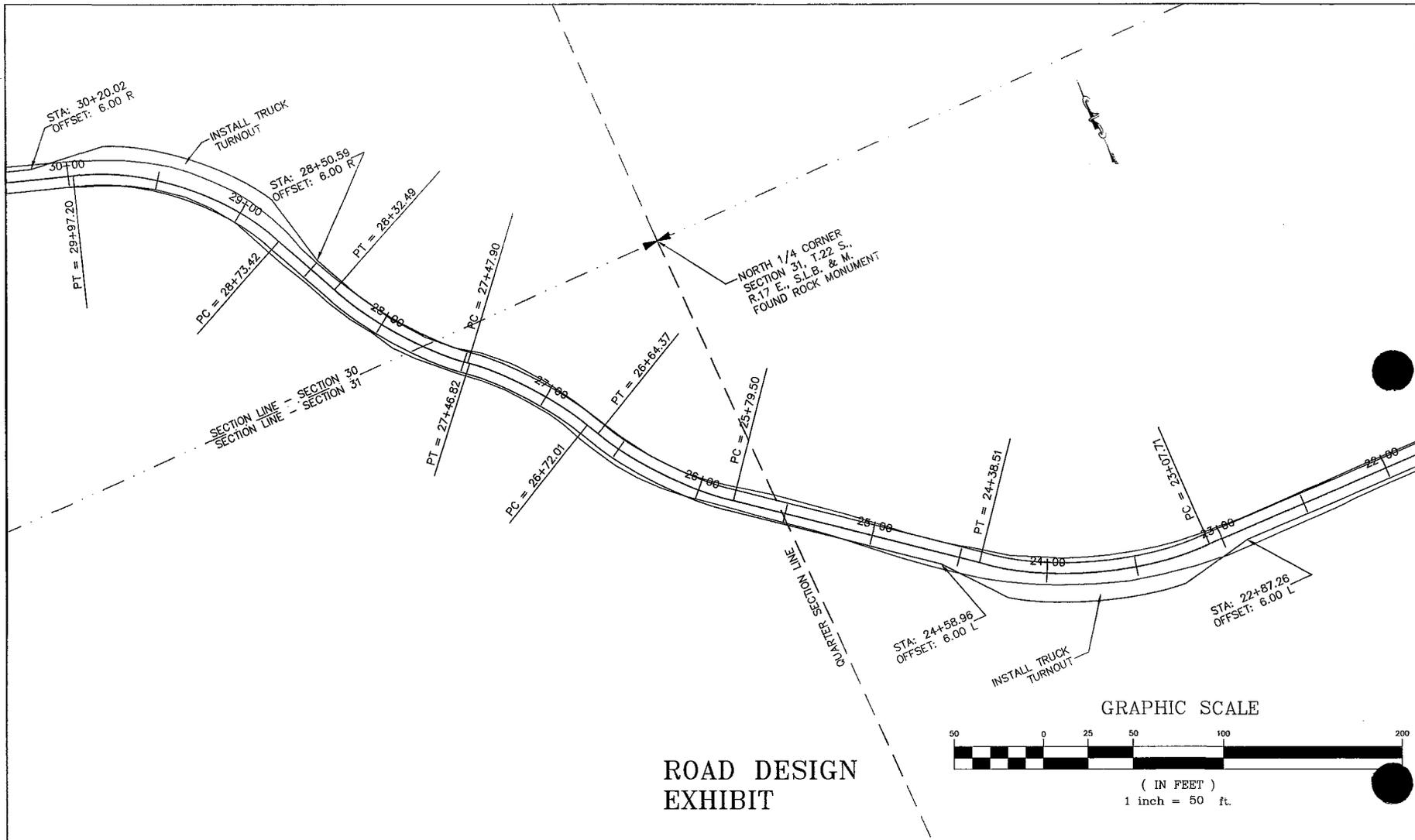


Savage Surveying, INC.  
 Ryan W. Savage, PLS  
 PO Box 892  
 27150-0892  
 Phone: 336-84701  
 Fax: 336-896-8535

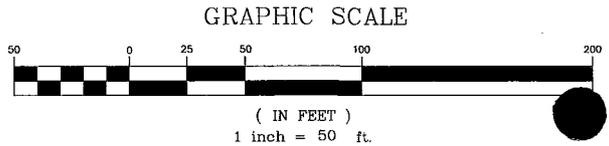


GREENTOWN STATE 31-362216C PAD LAYOUT  
 DFI TA PETROLIUM CORPORATION

ENGINEER T.M.	SCALE 1"=50'	SHEET NO.
CHECKED R.W.S.	PROJ. 0702-016SC DWG. NM.0702-016S	RD 10
DRAWN	DATE	



ROAD DESIGN  
EXHIBIT

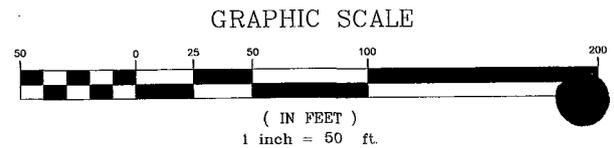
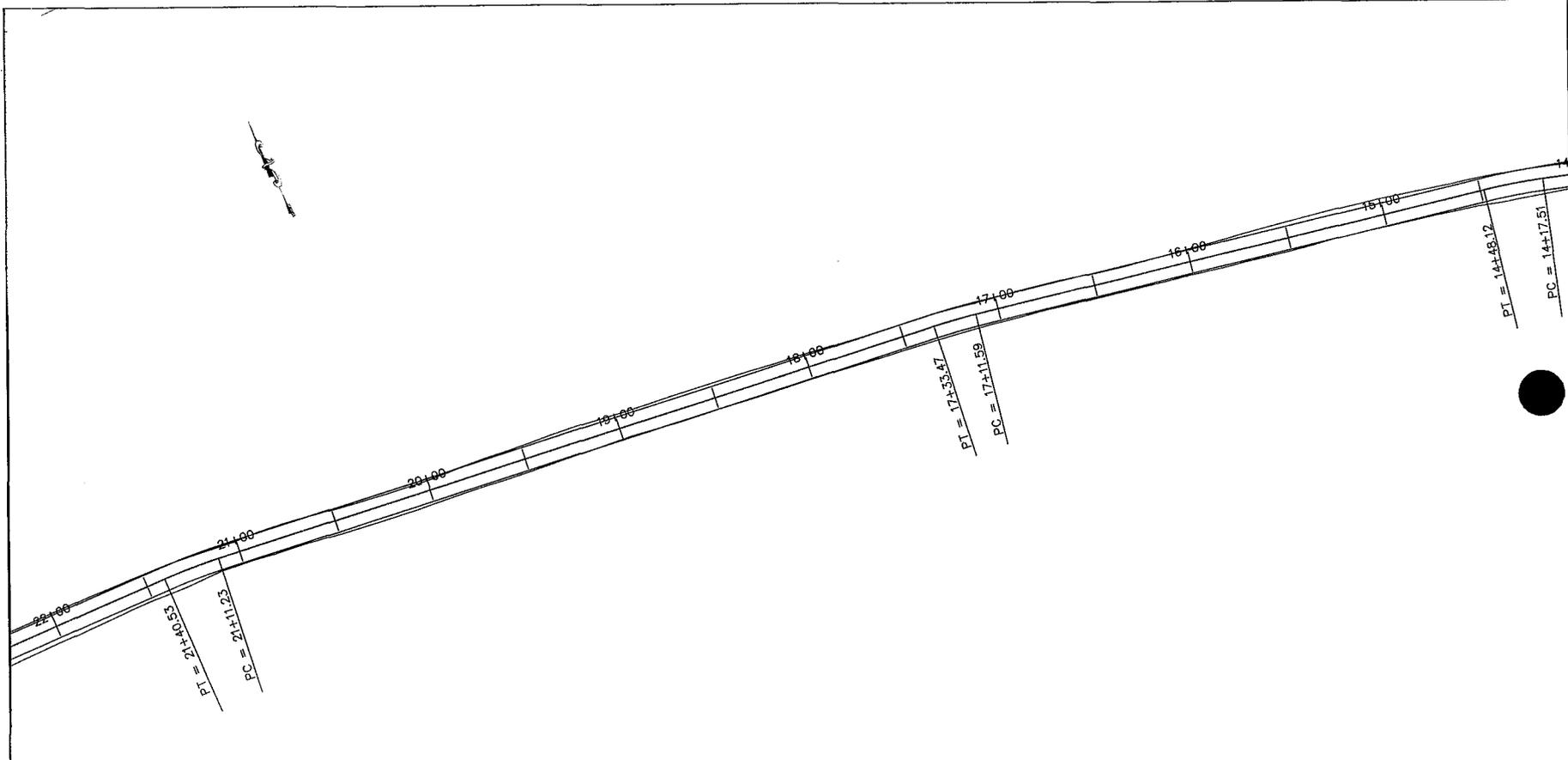


Savage Surveying, INC.  
 Ryan W. Savage, PLS  
 PO Box 892  
 2715 800th W  
 Riverview, LA 70471  
 Phone: 823-896-8035  
 Fax: 823-896-8035  
 Cell: 435-291-1345



GREENTOWN STATE 31-362216C PAD LAYOUT  
 DELTA PETROLEUM CORPORATION

ENGINEER T.M.	SCALE 1"=50'	SHEET NO.
CHECKED R.W.S.	PROJ# 0702-016SC DWG.NM 0702-016S	RD 11
DRAWN D.G.	DATE 1-25-08	



ROAD DESIGN  
EXHIBIT

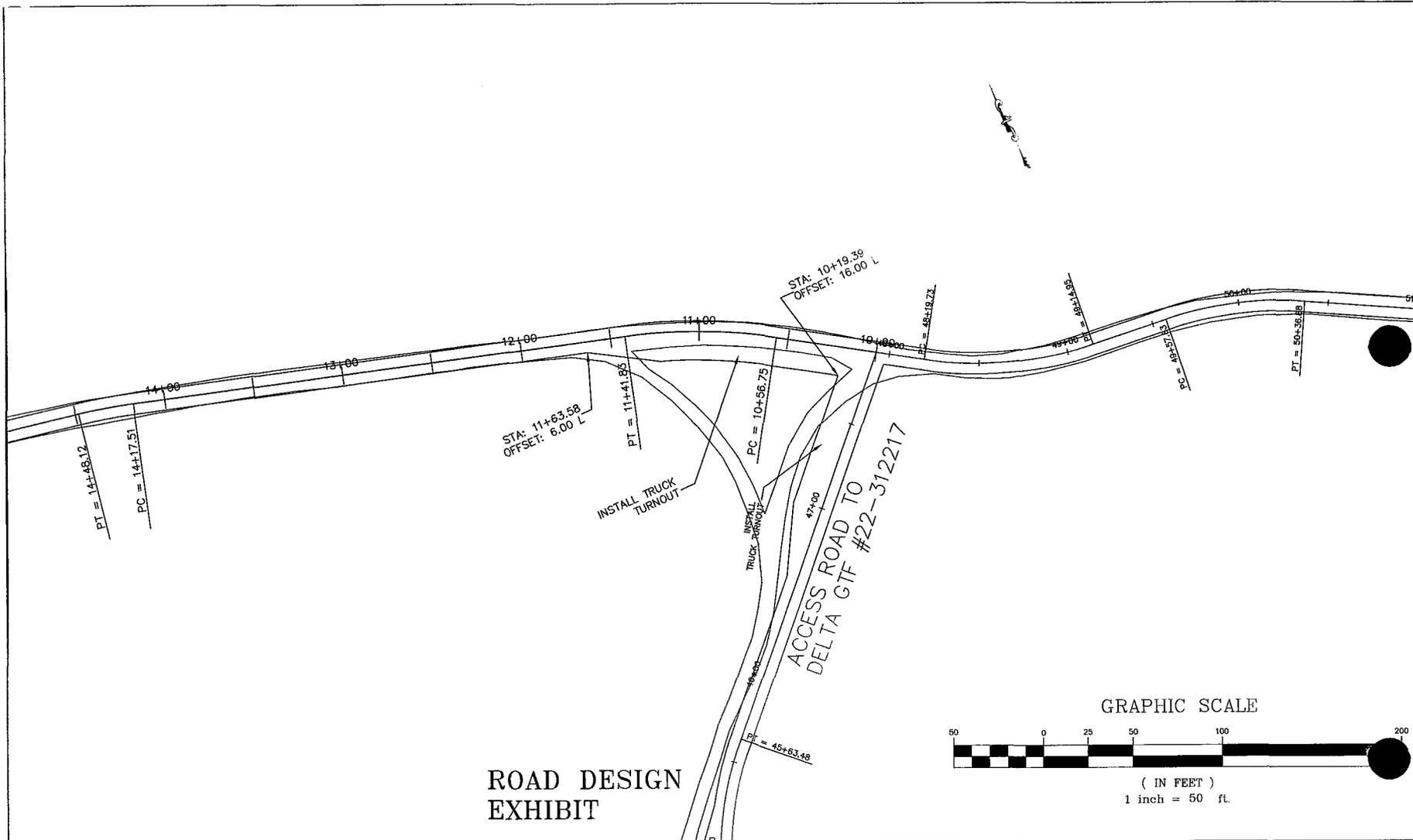
GREENTOWN STATE 31-362216C PAD LAYOUT  
DELTA PETROLEUM CORPORATION

Savage Surveying, INC.

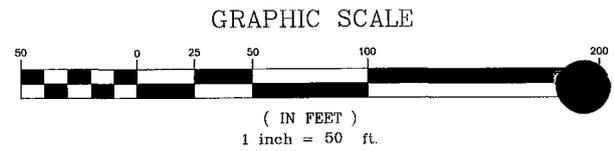
Ryan W. Savage, PLS  
P.O. Box 992  
275 S. 900 W.  
Riverton, UT 84701  
801-735-9999



ENGINEER T.M.	SCALE 1"=50'	SHEET NO.
CHECKED R.W.S.	PROJ.#: 0702-016SC DWG.NM: 0702-016S	RD 12
DRAWN	DATE	



ROAD DESIGN  
EXHIBIT



Savage Surveying, INC.  
Ryan W. Savage, PLS  
PO Box 1892  
2155 100th W  
Plymouth, MN 55441  
763-477-1470



GREENTOWN STATE 31-362216C PAD LAYOUT  
DELTA PETROLEUM CORPORATION

ENGINEER T.M.	SCALE 1"=50'	SHEET NO.
CHECKED R.W.S.	PROJ# 0702-016SC DWG NM 0702-016S	RD 13

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/08/2008

API NO. ASSIGNED: 43-019-31569

WELL NAME: GREENTOWN ST 31-362216C

OPERATOR: DELTA PETROLEUM CORP ( N2925 )

PHONE NUMBER: 303-575-0323

CONTACT: TERRY HOFFMAN

PROPOSED LOCATION:

NWNE 36 220S 160E

SURFACE: 1025 FNL 2290 FEL

BOTTOM: 1025 FNL 2290 FEL

COUNTY: GRAND

LATITUDE: 38.85907 LONGITUDE: -110.1036

UTM SURF EASTINGS: 577776 NORTHINGS: 4301312

FIELD NAME: WILDCAT ( 1 )

**RIG SKID**

INSPECT LOCATN BY: / /		
<b>Tech Review</b>	<b>Initials</b>	<b>Date</b>
Engineering	DKD	2/25/08
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-50325

SURFACE OWNER: 3 - State

PROPOSED FORMATION: PNKRN

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]  
(No. B003309 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

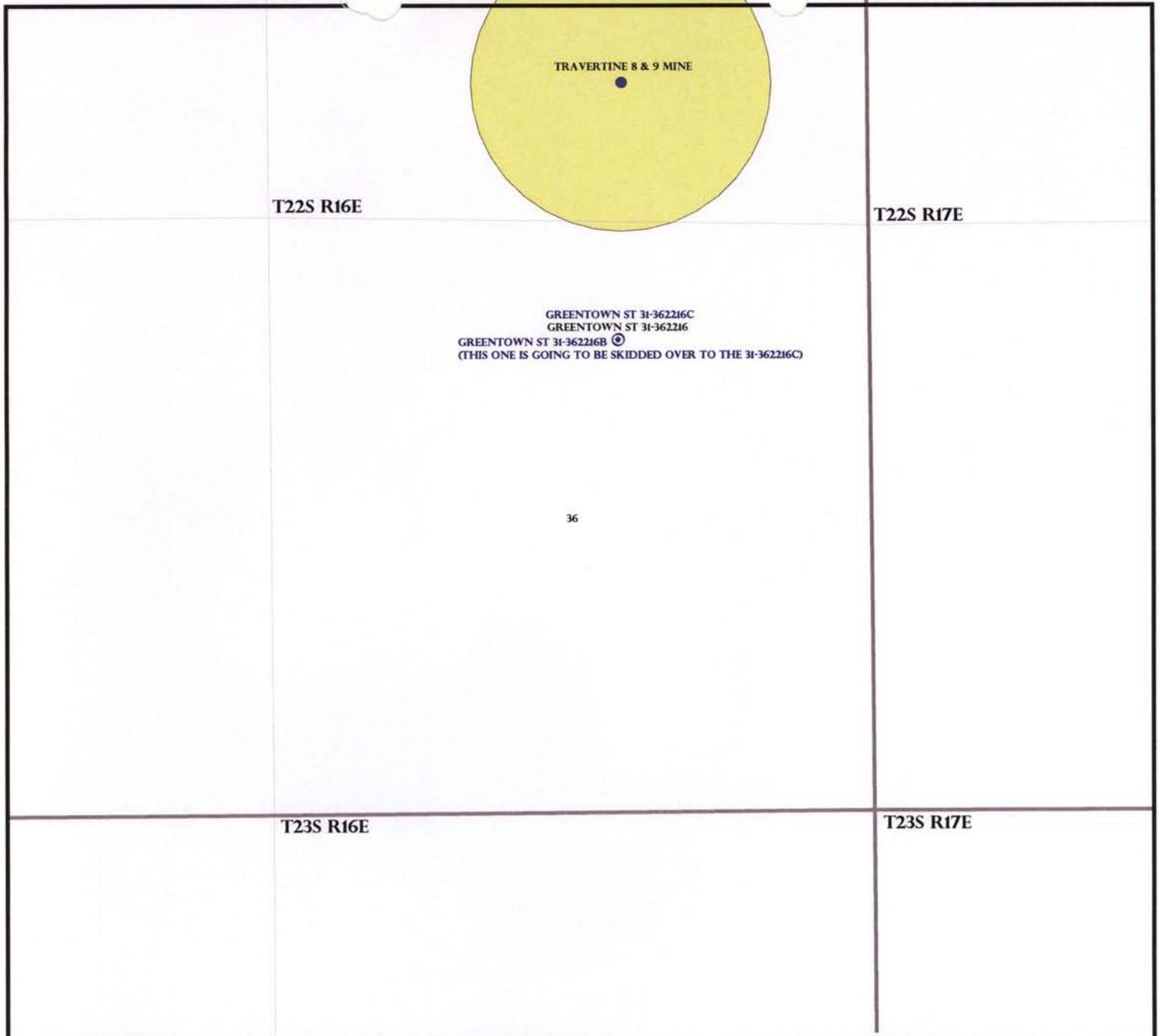
LOCATION AND SITING:

- \_\_\_\_\_ R649-2-3.
- Unit: \_\_\_\_\_
- \_\_\_\_\_ R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- \_\_\_\_\_ Drilling Unit
- Board Cause No: \_\_\_\_\_
- Eff Date: \_\_\_\_\_
- Siting: \_\_\_\_\_
- \_\_\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

1- All conditions of approval for the  
Greentown St. 31-362216 apply to the  
Greentown St 31-362216C,



OPERATOR: DELTA PETRO CORP (N2925)

SEC: 36 T.22S R. 16E

FIELD: WILDCAT (001)

COUNTY: GRAND

SPACING: R649-3-3 / EXCEPTION LOCATION

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

- Unit Status**
- EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PENDING
  - PI OIL
  - PP GAS
  - PP GEOTHERML
  - PP OIL
  - SECONDARY
  - TERMINATED

- Wells Status**
- GAS INJECTION
  - GAS STORAGE
  - LOCATION ABANDONED
  - NEW LOCATION
  - PLUGGED & ABANDONED
  - PRODUCING GAS
  - PRODUCING OIL
  - SHUT-IN GAS
  - SHUT-IN OIL
  - TEMP. ABANDONED
  - TEST WELL
  - WATER INJECTION
  - WATER SUPPLY
  - WATER DISPOSAL
  - DRILLING



PREPARED BY: DIANA MASON  
DATE: 22-FEBRUARY-2008

2007-11 Delta Greentown ST 31-362216C Rigskid

Casing Schematic

BHP int.  
 $0.052(5400)8.5 = 2387 \text{ psi}$

Gas,  $.12(5400) = 648$

$2387 - 648 = 1739 \text{ psi}$   
 MASP  
 13-3/8" MW 8.5 Frac 19.3

BOPE Rotating head to 950' ✓  
 $950 - 5400 = 5M$  ✓

Burst 2730

70% 1911 psi

Max P @ surf. shoe

$.22(4450) = 979$   
 $2387 - 979 = 1408 \text{ psi}$

test to 1400 psi ✓

BHP  $0.052(8950)13.5 = 6283 \text{ psi}$   
 anticipate 6265 psi

Gas,  $.12(8950) = 1074$   
 $6283 - 1074 = 5209 \text{ psi}$   
 9-5/8" MW 8.5 Frac 19.3

BOPE 10M ✓

Burst 8700

70% 6090 psi

Max P @ surf. shoe

$.22(3550) = 781$   
 $6283 - 781 = 5502 \text{ psi}$

test to 5500 psi ✓ MW 13.5

Surface

12' 15' 18'

TOC @ 0. Tidwell mbr Morrison  
 85' Entrada  
 337' Carmel  
 484' Navajo ✓

894' Kayenta  
 989' Surface Wingate  
 950. MD

1358' Chinle  
 1608' Shinarump  
 1763' Moenkopi

TOC @ 2303  
 2637 White Rim  
 2945 Cutler  
 3253 Honaker Trail

3690' TOC tail ✓

4949 TOC tail

5537' Intermediate Paradox Salt  
 5400. MD

8837' Pinkerton Trail  
 Production 8950. MD

✓ Adequate DED 12/19/07

Same as Original well ✓  
 DED 2/25/08

Well name:	<b>2007-11 Delta Greentown ST 31-362216</b>		Project ID:	43-019-31555 569
Operator:	<b>Delta Petroleum Corporation</b>			
String type:	<b>Surface</b>			
Location:	<b>Grand County</b>			

**Design parameters:**

**Collapse**

Mud weight: 8.500 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 836 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP: 950 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 831 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 78 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft

Cement top: Surface

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 5,400 ft  
Next mud weight: 8.500 ppg  
Next setting BHP: 2,384 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 950 ft  
Injection pressure: 950 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	950	13.375	54.50	J-55	Buttress	950	950	12.49	824.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	419	1130	2.694	950	2730	2.87	45	853	18.85 B

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: 801-538-5357  
FAX: 810-359-3940

Date: December 10, 2007  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 950 ft, a mud weight of 8.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	<b>2007-11 Delta Greentown ST 31-362216</b>	
Operator:	<b>Delta Petroleum Corporation</b>	
String type:	Intermediate	Project ID: 43-019-31555 569
Location:	Grand County	

**Design parameters:**

**Collapse**

Mud weight: 8.500 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 141 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 4,212 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 5,400 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 4,712 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 8,950 ft  
Next mud weight: 13.500 ppg  
Next setting BHP: 6,277 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 5,400 ft  
Injection pressure: 5,400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	5400	9.625	43.50	P-110	LT&C	5400	5400	8.625	2257.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2384	4420	1.854	5400	8700	1.61	205	1106	5.40 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: 801-538-5357  
FAX: 810-359-3940

Date: December 10, 2007  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 5400 ft, a mud weight of 8.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>2007-11 Delta Greentown ST 31-362216</b>		Project ID:	
Operator:	<b>Delta Petroleum Corporation</b>		43-019-31555	
String type:	Production		567	
Location:	Grand County			

**Design parameters:**

**Collapse**

Mud weight: 13.500 ppg  
 Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 4,308 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP: 6,277 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125  
 2.00 for salt

**Burst:**

Design factor: 1.00

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Tension is based on buoyed weight.  
 Neutral point: 7,126 ft

**Environment:**

H2S considered? No  
 Surface temperature: 65 °F  
 Bottom hole temperature: 190 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 2,303 ft

**Non-directional string.**

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8950	7	35.00	P-110	LT&C	8950	8950	5.879	1759.7
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6277	13020	2.074 ✓	6277	12700	2.02 ✓	249	996	3.99 J ✓

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Minerals

Phone: 801-538-5357  
 FAX: 810-359-3940

Date: December 10, 2007  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 8950 ft, a mud weight of 13.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Delta Petroleum Corporation  
Address: 370 17th Street, Suite 4300  
city Denver  
state CO zip 80202

Operator Account Number: N 2925  
Phone Number: (303) 575-0323

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931569	Greentown State 31-362216C		NWNE	36	22S	16E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16640	1/25/2008		4/24/08		
Comments: <u>LDLL</u> <span style="float: right;"><b>CONFIDENTIAL</b></span>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Terry L. Hoffman

Name (Please Print)

Signature

Regulatory Manager

Title

2/5/2008

Date

**RECEIVED**

**FEB 08 2008**

**DIV. OF OIL, GAS & MINING**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-50325

6. INDIAN, NAILOTTEE OR TRIBE NAME:

NA

7. UNIT or CA AGREEMENT NAME:

NA

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:

Greentown State #31-362216C

2. NAME OF OPERATOR:

Delta Petroleum Corporation

9. API NUMBER:

4301931569

3. ADDRESS OF OPERATOR:

370 17th Street, #4300

CITY Denver

STATE CO

ZIP 80202

PHONE NUMBER:

(303) 575-0397

10. FIELD AND POOL, OR WILDCAT:

Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1,025' FNL & 2,290' FEL

COUNTY: Grand

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Weekly Well History</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Tight Hole Status

See attached Weekly Well History from 2/4/2008-2/19/2008

Current Status: Drilling

NAME (PLEASE PRINT) Kate Shirley

TITLE Regulatory Tech.

SIGNATURE *Kate Shirley*

DATE 2/19/2008

(This space for State use only)

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FEB 20 2008

DIV. OF OIL, GAS & MINING

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporatio	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	<b>2/4/2008</b>	Days From Spud :	<b>1</b>	Current Depth :	485 Ft	24 Hr. Footage Made :	418 Ft
Rig Company :	DHS		Rig Name:	DHS #1			
Formation :	Navajo		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	22	Assemble Rotating Head bearing assembly and pick up air hammer.	0	0	NIH
9:00	8.50	01	Rig up Choke and Kill lines to surface deverter With Welders	0	0	NIH
17:30	1.50	23	Safety and operation meeting with Air hands and hammer drillers as well as rig crews.	0	0	NIH
19:00	10.00	02	Drilling with Air hammer and FB Bit from 65' to 458'	65	458	NIH
5:00	0.50	10	Run wireline survey @ 404'	458	458	NIH
5:30	0.50	02	Drilling with air hammer and FB bit from 458' to 485'	458	485	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	<b>2/5/2008</b>	Days From Spud :	<b>2</b>	Current Depth :	988 Ft	24 Hr. Footage Made :	503 Ft
Rig Company :	DHS		Rig Name:	DHS #1			
Formation :	Kayenta		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.00	02	Drilling With QL 120 Phneumatic hammer and 6000 CFM misting	485	988	1
13:00	1.00	05	Circulate hole clean	988	988	1
14:00	0.50	06	Short trip out to top of collars and back to bottom /hole is clean and free	988	988	1
14:30	1.00	05	Kelly up Circulate hole clean with polyplus foam	988	988	1
15:30	2.50	06	Pull out of hole / Lay down Rotating head and Hammer.	988	988	1
18:00	1.50	12	Rig up Weatherford TRS Casers	988	988	NIH
19:30	0.50	22	Prejob Safety Meeting	988	988	1
20:00	3.50	12	Run in hole with 13 3/8" casing Run 24 joints to 961'	988	988	1
23:30	4.00	05	Rig down casers, rig up Haliburton, prejob safety meeting, pump 200 bbls fill hole and circulate casing good returns with fresh water.	988	988	1
3:30	2.50	12	Pump 40 bbls spacer with 15 ppb gel in fresh water @10bpm, Pump 514 cuft of haliburton light slurry at 12 ppg lead. Then pump 709 cuft of type A 1-2 at 13.5 ppg. Then started Displacement with fresh water.	988	988	1
Total:	24.00					

**Daily Summary**

Activity Date :	<b>2/6/2008</b>	Days From Spud :	<b>3</b>	Current Depth :	988 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS		Rig Name:	DHS #1			
Formation :	Kayenta		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	12	Finish Displacement of cement / Bumped plug with 400 Psi over FCP of 450 @ 2 bpm Returns throught cement and displacement.	988	988	NIH
6:30	4.50	13	Wait on cement Prepare for nipple up	988	988	NIH
11:00	5.00	14	Nipple down and Cut off.	988	988	NIH
16:00	4.50	22	Weld on 13 5/8" 5M Well head	988	988	NIH
20:30	7.50	22	Wait on double Stud adapter	988	988	NIH
4:00	2.00	14	Nipple Up BOPE	988	988	NIH
Total:	24.00					

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**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	2/7/2008	Days From Spud :	4	Current Depth :	988 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS		Rig Name:	DHS #1			
Formation :	Kayenta		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.00	14	Nipple up BOPE	988	988	NIH
12:00	4.00	22	Weld on Choke line and flowlin while Waiting for 44" Flow riser to arrive from Vernal.	988	988	NIH
16:00	10.00	14	Construct new Choke line and Build Pup to connect Flowline to Rotating head. With Bar EM Welding.	988	988	NIH
2:00	4.00	15	Test BOPE to 5 M Specifications as follows. Test Coke and kill Line assemblies, Bottom Pipe Rams, Blind Rams, Top Pipe rams, Upper Kelly Cock, Lower Kelly Cock, IBOPand FOSV to 250 PSI low for 5 minutes and 5000 PSI High test for 10 minutes.	988	988	NIH

Total:	24.00					
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**Daily Summary**

Activity Date :	2/8/2008	Days From Spud :	5	Current Depth :	1611 Ft	24 Hr. Footage Made :	623 Ft
Rig Company :	DHS		Rig Name:	DHS #1			
Formation :	Shinarump		Weather:	Weather is Nice.			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	15	Continue Testing BOPE tested Annular to 250 Low and 2500 High for 10 minutes, tested Surface casing to 2000 psi for 30 minutes. Replaced Door seals on Top pipe rams. Full accumulator function test.	988	988	NIH
11:00	0.50	14	Nipple up rotating head	988	988	NIH
11:30	3.00	06	Pick up Air hammer and Trip in hole tag cement at 904	988	988	2
14:30	0.50	22	Safety Meeting with Rig Crew to prepare them for Air drilling.	988	988	2
15:00	0.50	10	Wireline Survey @ 893' 3 deg.	988	988	2
15:30	1.00	22	Used steam hoses to thaw out Air lines to rig floor.	988	988	2
16:30	1.50	05	Unload well bore and fix leek in bloowie line.	988	988	2
18:00	1.00	23	Rig up Kelly Spinner At Company Man's Request.	988	988	2
19:00	2.00	23	Drill Plug Float Cement and shoe.	988	988	2
21:00	4.00	02	Drilling 12 3/8" hole from 988' to 1361' with Air hammer	988	1361	2
1:00	0.50	10	Wireline Survey @ 1301' / 2.5 deg.	1361	1361	2
1:30	0.50	02	Drilling 12 3/8" hole from 1361' to 1392' with air hammer.	1361	1392	2
2:00	0.50	07	Lubricate rig / Change weight Indicator.	1392	1392	2
2:30	0.50	02	Drilling from 1392' to 1423' with air hammer. Water on connections	1392	1423	2
3:00	0.50	22	Try to patch hole in flowline	1423	1423	2
3:30	2.50	02	Drilling from 1423' to 1611' with air hammer.	1423	1611	2

Total:	24.00					
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**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	2/9/2008	Days From Spud :	6	Current Depth :	1765 Ft	24 Hr. Footage Made :	154 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Moenkopi			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	02	Drilling 12 3/8" hole from 1611' to 1765' with air hammer	1611	1765	2
7:30	0.50	05	Unload Water Burden off well bore. Circulate hole clean.	1765	1765	2
8:00	0.50	10	Wire line Survey @ 1711' / 1 Deg.	1765	1765	2
8:30	0.50	06	Pull out of hole 10 stands into casing shoe.	1765	1765	2
9:00	4.50	22	Rig Repair Weld On Flow line	1765	1765	2
13:30	7.50	23	Rebuild Old section of Flowline from Rotating head to (Y) for blewie line.	1765	1765	2
21:00	0.50	06	Trip in to 1159'	1765	1765	2
21:30	1.00	05	Unload hole slowly with 1000 scfm at 800 psi reducing volume as coulmn starts to move.	1765	1765	2
22:30	0.50	06	Pull out of hole to Shoe	1765	1765	2
23:00	4.00	22	Tighten Up all leaking flanges and valves on flowline While welder repairs Leaking welds welds.	1765	1765	2
3:00	0.50	06	Trip in to 1159'	1765	1765	2
3:30	1.00	05	Unload hole slowly, check for leaks on Surface equipthment.	1765	1765	2
4:30	0.50	06	Trip in hole to 1533'	1765	1765	2
5:00	0.50	05	Unload well bore Slowly.	1765	1765	2
5:30	0.50	06	Trip in hole to 1765'	1765	1765	2
Total:	24.00					

**Daily Summary**

Activity Date :	2/10/2008	Days From Spud :	7	Current Depth :	2835 Ft	24 Hr. Footage Made :	1070 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	White Rim			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.00	02	Drill 12 3/8' hole from 1768' to 2299' with air hammer.	1765	2299	2
12:00	0.50	07	Lubricate Rig	2299	2299	2
12:30	0.50	10	Ran Wireline Survey @ 2245 / 1/2 Deg.	2299	2299	2
13:00	7.00	02	Drill 12 3/8" hole from 2299' to 2803' with air hammer.	2299	2803	2
20:00	1.50	22	Weld up another wash in flowline.	2803	2803	2
21:30	0.50	02	Drill 12 3/8" hole from 2803' to 2835' with air hammer	2803	2835	2
22:00	2.50	05	Circulate try to blow down well bore and Get Hammer Beating with no luck.	2835	2835	2
0:30	2.00	06	Trip out of hole	2835	2835	2
2:30	3.50	06	Lay down Air hammer and related tools / strap and pick up air motor / line out 11 more drill collars for Bha while waiting for Mwd componants to arive from Rifle.	2835	2835	2
Total:	24.00					

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**FEB 20 2008**

2/19/2008

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	2/11/2008	Days From Spud :	8	Current Depth :	2835 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS		Rig Name:	DHS #1			
Formation :	White Rim		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.00	22	Install new section of flowline and	2835	2835	NIH
10:00	1.00	06	Break out bit and change out motor.	2835	2835	NIH
11:00	0.50	07	Lubricate Rig	2835	2835	3
11:30	4.00	06	Pick up stabilizers and Directional tools	2835	2835	3
15:30	1.00	20	Scribe EM Tool	2835	2835	3
16:30	3.50	06	Pick up 10 Drill collars Trip in hole.	2835	2835	3
20:00	1.50	05	Pick up Kelly / Blow water out of hole./ Discover Crack in Choke line were Old weld was used on new chokeline	2835	2835	3
21:30	1.50	06	Trip in 4 stands Drill pipe then Lay down 14 joints to compensate for BHA Changes.	2835	2835	3
23:00	7.00	22	Repair broken Weld on choke line. (kennys Welding)	2835	2835	3
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2835	6:00	8.40		27	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	7.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	110	We are Still drilling With a DAP Foam system.											

**Daily Summary**

Activity Date :	2/12/2008	Days From Spud :	0	Current Depth :	3000 Ft	24 Hr. Footage Made :	165 Ft
Rig Company :	DHS		Rig Name:	DHS #1			
Formation :	White Rim		Weather:	The wether is Good			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	06	Trip in hole Unload hole every 7 stands.to 2760	2835	2835	3
9:00	1.00	05	Try to get air mist going before switching to airiated water	2835	2835	3
10:00	1.00	03	wash and ream 90' to bottom / no fill	2835	2835	3
11:00	6.00	02	Drilling from 2836' to 2980' while trying to control water flow.	2835	2980	3
17:00	0.50	05	Increase circulation rate to stop water flow	2980	2980	3
17:30	1.00	02	Drilling from 2980' to 3000'	2980	3000	3
18:30	11.50	05	Circulate on choke holding 500 psi SITP to stabilise Well and Mud up.	3000	3000	3
Total:	24.00					

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**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	2/13/2008	Days From Spud :	0	Current Depth :	3000 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	White Rim			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	11.50	05	Condition Mud and Circulate / Lost Returns while circulating 8.6 ppg around @ 1100 / Continue to pump down hole with fresh water While Waiting for NewPark drilling Fluids to deliver Needed Mud Products	3000	3000	3
17:30	0.50	07	Lubricate rig	3000	3000	3
18:00	4.00	05	Circulate water down hole while waiting on Mud Product delivery from New Park Drilling Fluids in Grand Junction Colorado.	3000	3000	3
22:00	8.00	05	Unload Mud Products and Begin Mixing mud in active tanks while circulating Water with pill tank.	3000	3000	3
Total:		24.00				

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3000		0.00	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	0	No current data available from Mud engineer.											

**Daily Summary**

Activity Date :	2/14/2008	Days From Spud :	21	Current Depth :	3018 Ft	24 Hr. Footage Made :	18 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	White Rim			Weather:	Rain and snow for most of the late evening and morning		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	05	Pump Water from pit down Hole while Mixing up mud in tanks	3000	3000	3
7:00	0.50	02	Drilling from 3000' to 3005'	3000	3005	3
7:30	2.00	05	Pumping kill mud tring to Balance Pressure and kill water flow / Lost returns	3005	3005	3
9:30	2.50	05	Mix up more kill mud add LCM and Pump kill mud, Lost circulation again.	3005	3005	3
12:00	2.50	02	Drilling against flowline valve for back pressure From 3005 to 3018' Washed Ruber out of valve filled Reserve pit with water.	3005	3018	3
14:30	15.50	05	Shut in well Install new packing in Pit pump and install orbit valve in Flow line.	3018	3018	3
Total:		24.00				

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3000	12:27	8.50	0.00	35	10	10	4/5/0	9.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

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**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	2/15/2008	Days From Spud :	22	Current Depth :	3064 Ft	24 Hr. Footage Made :	46 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Weather: muddy road, location						

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	22	Change rot. head rubber	3018	3018	3
7:30	5.00	02	Drig. f/ 3018 to 3064(water flowing)	3018	3064	3
12:30	1.50	23	Plugged bit or motor, work pipe	3018	3064	3
14:00	4.00	05	Shut in well, no psi, Pump down backside, to attempt to kill water flow(pumped 500+bbls, still flowing)	3018	3064	3
18:00	5.50	05	Mix mud, while pumping water dn.ann.,	3018	3064	3
23:30	1.50	05	Pump 60bbl slug dn backside,w/ no results	3018	3064	3
1:00	2.50	22	Work on cellar pump, flowline	3018	3064	3
3:30	1.50	06	TOH	3064	3064	3
5:00	1.00	08	Work on drill collar slips	3064	3064	3
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3064	12:27	8.50	0.00	35	10	10	4/5/0	9.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**Daily Summary**

Activity Date :	2/16/2008	Days From Spud :	23	Current Depth :	3064 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	White Rim			Weather:	Muddy location, road		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	06	TOH (strip out)	3064	3064	3
8:00	3.00	06	TOH, brk, lay dn Motor,(motor bearing failed)	3064	3064	3
11:00	3.50	05	Mix and pump 10# pill,bullhead dn.(flow was slowed dn. But came back	3064	3064	3
14:30	4.00	06	Pk up,mk. Up ,scribe mud motor, pump cellar, clear floor	3064	3064	3
18:30	6.50	05	Shut in well, mix 400bbls mud, pump 150bbls 10# mud dn backside kill flow	3064	3064	3
1:00	2.50	06	TIH w, BHA, install E tool, TIH,w/ BHA(problems due to blocks hanging 2' f/ center	3064	3064	3
3:30	1.00	05	Pump LCM	3064	3064	3
4:30	1.50	06	TIH	3064	3064	3
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3064	12:27	8.50	0.00	35	10	10	4/5/0	9.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

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**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	2/17/2008	Days From Spud :	24	Current Depth :	3064 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	White Rim			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	05	Fill pipe work on yellow dog, build volume	3064	3064	4
9:30	0.50	03	Ream f/ 3007 to 3064	3064	3064	4
10:00	0.50	07	Service rig	3064	3064	4
10:30	10.00	02	Drig f/ 3064 to 3230	3064	3064	4
20:30	2.00	22	Work on yellow dog, build volume	3064	3064	4
22:30	4.00	23	(Total) build volume, wait on water trucks, (trucking water pending air hook up)	3064	3064	4
2:30	3.50	02	Drig f/ 3230 to 3300	3064	3064	4
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3064	12:27	8.50	0.00	35	10	10	4/5/0	9.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**Daily Summary**

Activity Date :	2/18/2008	Days From Spud :	25	Current Depth :	3535 Ft	24 Hr. Footage Made :	471 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Honaker Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	02	Drig. f/ 3299 to 3323	3299	3323	4
7:30	2.50	03	Pull to 3100, Ream up to 2300' surge up to milk possible mud ring	3323	3323	4
10:00	1.00	03	Work w/ kelly 2300-3100	3323	3323	4
11:00	0.50	06	TIH to 3323 (rigging up Basic Air)	3323	3323	4
11:30	1.50	02	Drig f/ 3323 to 3341	3323	3341	4
13:00	0.50	07	Service rig	3341	3341	4
13:30	1.00	05	Mix and pump LCM beads(newswell) dn backside	3341	3341	4
14:30	2.00	23	Finish rig up Air, pump 2000CFM dn d.p.-get water flow fill pits, 1/2 reserve pit	3341	3341	4
16:30	13.50	02	Drig f/ 3341 to 3535 (750cfm, air 500gpm, water-w/ sweeps)	3341	3535	4
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3342	15:30	8.40	0.00	28	1	1	4/5/0	2.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	1000	1120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**RECEIVED**

**FEB 20 2008**

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	2/19/2008	Days From Spud :	26	Current Depth :	3900 Ft	24 Hr. Footage Made :	365 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Honaker Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	02	Drig. f/ 3535 to 3550	3535	3550	4
7:30	0.50	07	Service rig	0	0	4
8:00	12.50	02	Drig f/ 3550 to 3772	0	0	4
20:30	1.00	22	Change out rot. Head	0	0	4
21:30	6.00	02	Drig f/ 3772 to 3868	0	0	4
3:30	0.50	07	Service rig	0	0	4
4:00	2.00	02	Drig f/ 3868 to 3900	0	0	4
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3662	14:00	8.50	0.00	28	1	1	4/5/0	4.0	0.0	0	0.00	0.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	1000	1120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**Formation**

Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments
Wingate	0	0	989	0	
White Rim	0	0	2637	0	
Shinarump	0	0	1608	0	
Pinkerton Trail	0	0	8837	0	
Paradox Salt	0	0	5537	0	
Navajo	0	0	484	0	
orrison-Salt Wash m	0	0	0	0	
Moenkopi	0	0	1763	0	
Kayenta	0	0	894	0	
Honaker Trail	0	0	3253	0	
Entrada	0	0	85	0	
Cutler	0	0	2945	0	
Chinle	0	0	1358	0	
Carmel	0	0	337	0	
	0	0	0	0	

**Casing**

Date In	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
2/5/2008	988.62	24	0. Pipe on Rack	13.375	54.5	J-55	0	17.5	988
Stage: 1, Spacer, 0, 0, 40 bbl Gel water flush 15 ppb gel, Artic, 0, 0									
Stage: 1, Lead, 0, 200, Versacem, Lightweight, 2.57, 12									
Stage: 1, Tail, 0, 390, Type 1-2, Class A, 1.82, 13.5									
Stage: 1, Displacement, 142, 0, fresh water, , 0, 0									
2/16/2008	5575.96	138	4. Intermediate	0	0		0	12.25	5540

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**FEB 20 2008**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**CONFIDENTIAL**

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-50325</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>NA</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: <b>NA</b>
2. NAME OF OPERATOR: <b>Delta Petroleum Corporation</b>			8. WELL NAME and NUMBER: <b>Greentown State #31-362216C</b>
3. ADDRESS OF OPERATOR: <b>370 17th Street, #4300</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		PHONE NUMBER: <b>(303) 575-0397</b>	9. API NUMBER: <b>4301931569</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1,025' FNL &amp; 2,290' FEL</b>			10. FIELD AND POOL, OR WILD CAT: <b>Wildcat</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNE 36 22S 16E</b>			COUNTY: <b>Grand</b>
			STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Weekly Well History</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**Tight Hole Status**

See attached Weekly Well History from 2/20/2008-2/27/2008

Current Status: Drilling

NAME (PLEASE PRINT) <u>Kate Shirley</u>	TITLE <u>Regulatory Tech.</u>
SIGNATURE <u><i>Kate Shirley</i></u>	DATE <u>2/27/2008</u>

(This space for State use only)

**RECEIVED**

**FEB 28 2008**

**DIV. OF OIL, GAS & MINING**

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporatio	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	<b>2/19/2008</b>	Days From Spud :	26	Current Depth :	3900 Ft	24 Hr. Footage Made :	365 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Honaker Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	02	Drig. f/ 3535 to 3550	3535	3550	4
7:30	0.50	07	Service rig	0	0	NIH
8:00	12.50	02	Drig f/ 3550 to 3772	3550	3772	4
20:30	1.00	22	Change out rot. Head	0	0	NIH
21:30	6.00	02	Drig f/ 3772 to 3868	3772	3868	4
3:30	0.50	07	Service rig	0	0	NIH
4:00	2.00	02	Drig f/ 3868 to 3900	3868	3900	4
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3662	14:00	8.50	0.00	28	1	1	4/5/0	4.0	0.0	0	0.00	0.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	1000	1120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**Daily Summary**

Activity Date :	<b>2/20/2008</b>	Days From Spud :	27	Current Depth :	4150 Ft	24 Hr. Footage Made :	250 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Honaker Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.50	02	Drig. f/ 3900 to 4027	3900	4027	4
13:30	0.50	07	Service rig	4027	4027	NIH
14:00	8.50	02	Drig f/ 4027 to 4150	4027	4150	4
22:30	4.50	06	TOH to 8" d.c.'s	4150	4150	NIH
3:00	2.50	05	Mix and pump slug to stop waterflow	4150	4150	NIH
5:30	0.50	06	TOH w/ BHA	4150	4150	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4010	12:30	8.50	0.00	28	1	1	4/5/0	5.0	0.0	0	0.00	1.4%	99.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	1100	1120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	2/21/2008	Days From Spud :	28	Current Depth :	4368 Ft	24 Hr. Footage Made :	218 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Honaker Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	06	TOH f/ bit	4150	4150	NIH
7:00	6.00	06	Chg. Bits, check M.Mtr. Load MWD, TIH to 4091	4150	4150	NIH
13:00	1.00	03	Ream f/ 4091 to 4150	4150	4150	NIH
14:00	14.00	02	Drig. f/ 4150 to 4345	4150	4345	5
4:00	0.50	07	Service rig	4150	4150	NIH
4:30	1.50	02	Drig to 4368	4345	4368	5
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4150	12:30	8.50	0.00	28	1	1	4/5/0	5.0	0.0	0	0.00	1.4%	99.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	1100	1120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**Daily Summary**

Activity Date :	2/22/2008	Days From Spud :	29	Current Depth :	4407 Ft	24 Hr. Footage Made :	39 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Honaker Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	02	Drig f/ 4368 to 4407	4368	4407	5
9:00	3.50	06	TOH to 241'	4407	4407	NIH
12:30	0.50	05	Pump 100bbls 10.4# dn.backside	4407	4407	NIH
13:00	0.50	06	TOH (no water flow, monitor @ choke)	4407	4407	NIH
13:30	16.50	22	Work on leveling drk., change rot. Head, install pollution pan under, rotary	4407	4407	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4310	10:00	8.40	0.00	28	1	1	4/5/0	5.0	0.0	0	0.00	1.4%	99.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	1100	1120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporatio	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	2/23/2008	Days From Spud :	30	Current Depth :	4527 Ft	24 Hr. Footage Made :	120 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Honaker Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.50	22	Work on rotating head, pollution pan, rig fisher pump f/ cellar	4407	4407	NIH
11:30	3.50	06	TIH to 4299	4407	4407	NIH
15:00	4.00	05	Circ., Pump 1600cfm air to bring on water flow,	4407	4407	NIH
19:00	0.50	03	Ream to 4407 ( no fill)	4407	4407	NIH
19:30	5.00	02	Drig. f/ 4407 to 4470	4407	4470	5
0:30	0.50	05	Service rig , change rot. Head rubber	4470	4470	NIH
1:00	5.00	02	Drig f/ 4470 to 4527	4470	4527	5
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4407	10:00	8.40	0.00	28	1	1	4/5/0	5.0	0.0	0	0.00	1.4%	99.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	1100	1120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**Daily Summary**

Activity Date :	2/24/2008	Days From Spud :	31	Current Depth :	4826 Ft	24 Hr. Footage Made :	299 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Honaker Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	02	Drig f/ 4527 to 4596	4527	4596	5
11:00	0.50	07	Service rig	4596	4596	NIH
11:30	0.50	22	Bullhead water to reduce volume	4596	4596	NIH
12:00	2.50	02	Drig f/ 4596 to 4628	4596	4628	5
14:30	1.00	22	Receiving water f/ rig 11- bullhead to reduce volume	4628	4628	NIH
15:30	4.50	02	Drig f/ 4628 to 4701	4628	4701	5
20:00	0.50	22	Bullhead water f/ rig 11	4701	4701	NIH
20:30	6.00	02	Drig f/ 4701 to 4786	4701	4786	5
2:30	0.50	07	Service rig	4786	4786	NIH
3:00	3.00	02	Drig f/ 4786 to 4826	4786	4826	5
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4700	12:00	8.40	0.00	28	1	1	4/5/0	5.0	0.0	0	0.00	1.4%	99.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	1100	1120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporatio	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	<b>2/25/2008</b>	Days From Spud :	32	Current Depth :	4931 Ft	24 Hr. Footage Made :	105 Ft
Rig Company :	DHS		Rig Name:	DHS #1			
Formation :	Honaker Trail		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	8.00	02	Drig f/ 4826 to 4926	4826	4826	5
14:00	4.50	22	Work on leveling subbase(not successful, refab needed)Pumped water away while working on	4826	4826	NIH
18:30	2.00	02	Drig f/ 4926 to 4931	4826	4931	5
20:30	5.00	06	TOH to d.c.'s	4931	4931	NIH
1:30	1.00	05	Pump 10.2#pill dn backside	4931	4931	NIH
2:30	1.50	06	TOH( water flowing, pumped 50bbl 10.2#)	4931	4931	NIH
4:00	2.00	05	mix 120bbl slug 10.5# to kill water flow	4931	4931	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4826	12:00	8.40	0.00	28	1	1	4/5/0	5.0	0.0	0	0.00	1.4%	99.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	1100	1120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**Daily Summary**

Activity Date :	<b>2/26/2008</b>	Days From Spud :	33	Current Depth :	4931 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS		Rig Name:	DHS #1			
Formation :	Honaker Trail		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	05	Finish mix and pump 10.5# slug to kill water flow	4931	4931	NIH
8:00	4.00	06	Change bits, motors, change battery pac in MWD. Scribe tools	4931	4931	NIH
12:00	0.50	07	Service rig	4931	4931	NIH
12:30	1.00	06	Orient MWD	4931	4931	NIH
13:30	3.00	06	TIH to 4684 (pump away water)	4931	4931	NIH
16:30	3.00	22	Work on leveling rig-more welding necessary (not done to proper specs)	4931	4931	NIH
19:30	0.50	06	Pull 3 stands to 4401	4931	4931	NIH
20:00	10.00	22	Weld , reinforce subbase,work pipe	4931	4931	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4931	12:00	8.40	0.00	28	1	1	4/5/0	5.0	0.0	0	0.00	1.4%	99.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	1100	1120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	2/27/2008	Days From Spud :	34	Current Depth :	5100 Ft	24 Hr. Footage Made :	229 Ft
Rig Company :	DHS		Rig Name:	DHS #1			
Formation :	Honaker Trail		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	22	Fabricate support braces to raise and level subbase, Welders finished @ 8am, wait f/ Western	4931	4931	NIH
8:00	7.00	23	Rig f/ leveling, level rig	4931	4931	NIH
15:00	1.50	23	Tighten up turn buckles on BOP and prepare to resume drilling	4931	4931	6
16:30	1.50	05	Pump an air pill into annulas to establish circulation.	4931	4931	6
18:00	0.50	06	Trip in hole 3 Stands	4931	4931	6
18:30	0.50	03	Ream 60' to bottom	4871	4931	6
19:00	8.00	02	Drilling 12 1/4" hole from 4931' to 5066' with 1200 scfm and 400 gpm water.	4931	5066	6
3:00	0.50	07	Lubricate rig	5066	5066	6
3:30	2.50	02	Drilling 12 1/2" hole from 5066' to 5100	5066	5100	6
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4931	12:00	8.40	0.00	28	1	1	4/5/0	5.0	0.0	0	0.00	1.4%	99.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	1100	1120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**Formation**

Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments
Wingate	0	0	989	0	
White Rim	0	0	2637	0	
Shinarump	0	0	1608	0	
Pinkerton Trail	0	0	8837	0	
Paradox Salt	0	0	5537	0	
Navajo	0	0	484	0	
Burrison-Salt Wash m	0	0	0	0	
Moenkopi	0	0	1763	0	
Kayenta	0	0	894	0	
Honaker Trail	0	0	3253	0	
Entrada	0	0	85	0	
Cutler	0	0	2945	0	
Chinle	0	0	1358	0	
Carmel	0	0	337	0	
	0	0	0	0	

**Casing**

DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
2/5/2008	988.62	24	0. Pipe on Rack	13.375	54.5	J-55	0	17.5	988
Stage: 1, Spacer, 0, 0, 40 bbl Gel water flush 15 ppb gel, Artic, 0, 0									
Stage: 1, Lead, 0, 200, Versacem, Lightweight, 2.57, 12									
Stage: 1, Tail, 0, 390, Type 1-2, Class A, 1.82, 13.5									
Stage: 1, Displacement, 142, 0, fresh water, , 0, 0									
2/16/2008	5575.96	138	4. Intermediate	0	0		0	12.25	5540

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: NA
2. NAME OF OPERATOR: Delta Petroleum Corporation		8. WELL NAME and NUMBER: Greentown State #31-362216C
3. ADDRESS OF OPERATOR: 370 17th Street, #4300 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4301931569
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,025' FNL & 2,290' FEL COUNTY: Grand		10. FIELD AND POOL, OR WLD/CAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Weekly Well History</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**Tight Hole Status**

See attached Weekly Well History from 2/28/2008-3/19/2008  
Current Status: Drilling

**RECEIVED**  
**MAR 21 2008**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Kate Shirley</u>	TITLE <u>Regulatory Tech.</u>
SIGNATURE	DATE <u>3/19/2008</u>

(This space for State use only)

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporatio	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	<b>2/27/2008</b>	Days From Spud :	4	Current Depth :	5100 Ft	24 Hr. Footage Made :	169 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Honaker Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	22	Fabricate support braces to raise and level subbase,Welders finished @ 8am, wait f/ Western	4931	4931	NIH
8:00	7.00	23	Rig f/ leveling, level rig	4931	4931	NIH
15:00	1.50	23	Tighten up turn buckles on BOP and prepare to resume drilling	4931	4931	6
16:30	1.50	05	Pump an air pill into annulas to establish circulation.	4931	4931	6
18:00	0.50	06	Trip in hole 3 Stands	4931	4931	6
18:30	0.50	03	Ream 60' to bottom	4871	4931	6
19:00	8.00	02	Drilling 12 1/4" hole from 4931' to 5066' with 1200 scfm and 400 gpm water.	4931	5066	6
3:00	0.50	07	Lubricate rig	5066	5066	6
3:30	2.50	02	Drilling 12 1/2" hole from 5066' to 5100	5066	5100	6
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4931	12:00	8.40	0.00	28	1	1	4/5/0	5.0	0.0	0	0.00	1.4%	99.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	1100	1120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	76	No current data available from Mud engineer.											

**Daily Summary**

Activity Date :	<b>2/28/2008</b>	Days From Spud :	5	Current Depth :	5408 Ft	24 Hr. Footage Made :	308 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Honaker Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.50	02	Drilling from 5100 to 5192 with 400 gpm and 1200 scfm	5100	5192	6
12:30	0.50	07	Routine rig service.	5192	5192	6
13:00	17.00	02	Drilling from 5192' to 5408' with 400 gpm and 1200 Scfm	5192	5408	6
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
500	14:00	8.40	0.00	28	1	1	4/5/0	20.0	0.0	0	0.00	1.4%	99.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	1100	1120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	75	No current data available from Mud engineer.											

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	<b>2/29/2008</b>	Days From Spud :	6	Current Depth :	5415 Ft	24 Hr. Footage Made :	7 Ft
Rig Company :	DHS		Rig Name:	DHS #1			
Formation :	Paradox Salt		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	02	Drilling from 5408' to 5415' with 1200 scfm and 400 gpm.	5408	5415	6
6:30	2.50	05	Circulate to clean and condition hole	5415	5415	6
9:00	3.00	06	Pull out of hole to wipe hole and lay down directional tools	5415	5415	6
12:00	0.50	07	Routine rig service	5415	5415	6
12:30	1.00	06	Continue to pull out of hole to top of BHA	5415	5415	6
13:30	5.00	05	Mix Kill mud 150 bbls of 10.7 and spot in top of well bore.	5415	5415	6
18:30	4.00	06	Pull out of hole and lay down directional tools as well as stabilization tools.	5415	5415	6
22:30	4.00	06	Trip in hole to 5383'	5415	5415	7
2:30	1.00	03	Pick up Kelly fill pipe and wash down to tag bottom at 5415'	5415	5415	7
3:30	2.50	05	Circulate and rig up tanks to mix mud and begin mixing high viscosity Lcm sweep.	5415	5415	7
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5408	14:00	8.40	0.00	28	1	1	4/5/0	20.0	0.0	0	0.00	1.4%	99.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	0.00	0.00	0.00	12800	350	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	75	No current data available from Mud engineer.											

**Daily Summary**

Activity Date :	<b>3/1/2008</b>	Days From Spud :	7	Current Depth :	5415 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS		Rig Name:	DHS #1			
Formation :	Paradox Salt		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	17.00	05	Mix and pump high viscosity LCM sweeps with 35 % LCM including 10 ppb 3/4" Gell flake	5415	5415	7
23:00	4.00	06	Short trip out to casing shoe at 961' then back in hole to 5400'	5415	5415	7
3:00	1.50	05	Fill pipe and break circulation / build pill and pump in drill string to balance drill pipe pressure.	5415	5415	7
4:30	1.50	06	Pull out of hole for logs / SLM	5415	5415	7
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5415	7:00	8.50	8.50	28	1	1	0/0/0	100.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	1.00	0.30	0.90	12300	350	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	78	Drilling fluid is Salt water											

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/2/2008	Days From Spud :	8	Current Depth :	5415 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:	Gusting winds and rain possible.		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	06	Pull out of hole for logs / SLM (5419.6')	5415	5415	7
9:00	7.50	11	Run wireline logs	5415	5415	7
16:30	2.00	06	Trip in hole with drill pipe open ended to 2900'	5415	5415	8
18:30	0.50	05	Dump 3 sx cottonseed hulls, 6 sx New swell and 6 sx 3/4" Kwick plug Down drill pipe, Roll up 7 empty mud sx and push them up inside kelly pump down hole no indication of pressure or flow.	5415	5415	8
19:00	11.00	05	Mixing up 1300 BBls of high visc. Mud with 45% Lcm, (5 Pallets of cottom seed hulls, 3 pallets Cedar fiber, 2 pallets fine mica, Sawdust, Fiber seal, Ect, ect.	5415	5415	8
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5415	9:00	8.50	8.50	28	1	1	0/0/0	100.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.00	1.00	0.50	0.90	12000	350	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	68												

**Daily Summary**

Activity Date :	3/3/2008	Days From Spud :	9	Current Depth :	5415 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:	ys have been the norm but the winds have calmed and		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	05	Mix and prepare 1300 bbls of High visc. Lcm sweep with 45% Lcm. / Dump New swell Down drill pipe and Pump Lcm sweep Plug off Drill pipe with new swell.	5415	5415	8
18:00	0.50	22	Break off kellyt pull 2 plugged joints and lay them down pick up only one joint to replace them.	5415	5415	8
18:30	1.50	05	Pump Lcm sweep / try to pump another sack of new swell, plug drill pipe again.	5415	5415	8
20:00	1.00	06	Set Kelly back Pull 1 stand drill pipe, Lay down 2 joints and unplug the joints.	5415	5415	8
21:00	4.50	05	Continue pumping Lcm Pill stopping every 15 min or 150 bbls to put New swell and Kwik Plug down drill pipe./ fill pits with water Mix and pump dry pipe pill.	5415	5415	8
1:30	1.50	06	Pull out of hole with Drill pipe open ended.	5415	5415	8
3:00	3.00	22	Clean out Premix tank and Prepare to mix Gunk Squeeze	5415	5415	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5415	13:00	8.90	0.00	48	25	12	4/8/15	9.5	0.0	2	0.00	1.0%	95.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	4.00	0.80	3.50	11000	280	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	70	This mud is caying 45% lcm											

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/4/2008	Days From Spud :	10	Current Depth :	5415 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:	Clear skies and gettle breezes		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	22	Continue to Clean out premiox tank.	5415	5415	NIH
9:00	1.50	06	Trip in hole to 2700'	5415	5415	NIH
10:30	4.50	22	Mix and pump 50 bbl. Gunk Squeeze with Big 4 Cementers.	5415	5415	NIH
15:00	0.50	06	Pull out of hole three stands to get above Gunk.	5415	5415	NIH
15:30	2.50	22	Wait 2 1/2 hours for gunk squeeze to set	5415	5415	NIH
18:00	1.50	05	Try to establish circulation on top of gunk squeeze. The well bore filled up all the way to the top then began loosing fluid and the fluid level in the well bore began to drop again.	5415	5415	NIH
19:30	0.50	06	Pull out of hole 1 stand Wet	5415	5415	NIH
20:00	1.50	05	Build and pump pill to dry pipe.	5415	5415	NIH
21:30	2.50	06	Pull out of hole.	5415	5415	NIH
0:00	1.50	06	trip in to top of BHA	5415	5415	9
1:30	3.00	09	Slip and cut 85 feet of Drilling line.	5415	5415	9
4:30	1.50	06	Trip in hole to 2700' / kelly up and fill pipe.	5415	5415	9
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5415	13:00	8.90	0.00	48	25	12	4/8/15	9.5	0.0	2	0.00	1.0%	95.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	4.00	0.80	3.50	11000	280	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	70	This mud is caying 45% lcm											

**Daily Summary**

Activity Date :	3/5/2008	Days From Spud :	11	Current Depth :	5415 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	03	Wash and ream gunk squeeze out of hole from 2700' to 3140' with 2 to 4 k WOB	5415	5415	9
9:30	1.00	06	Trip in hole.	5415	5415	9
10:30	1.00	03	Wash to bottom 40' of fill.	5415	5415	9
11:30	1.50	05	Circulate bottoms up	5415	5415	9
13:00	3.50	06	Pull out of hole to top of BHA	5415	5415	9
16:30	13.50	22	Clean out mud tanks and repair valves and tank seals. Prepare for OBM and refill with pit water.	5415	5415	9
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5415	13:00	8.50	0.00	29	1	1	0/0/0	100.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	7.50	0.90	0.03	0.08	11000	280	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	70	Fresh water again.											

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/6/2008	Days From Spud :	12	Current Depth :	5415 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :				Weather:	Clear and cool.		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.50	22	Clean Mud tanks and repair Mud Hopper	5415	5415	9
10:30	0.50	14	Install Rotating head Rubber	5415	5415	9
11:00	2.50	06	Trip in hole to bottom with well trying to flow water.	5415	5415	9
13:30	6.50	05	Mix High visc. LCM sweep and Kill mud for top of well. Spot kill mud and pump LcM sweep, Then circulate bottoms up 1 and 1/2 times.	5415	5415	9
20:00	5.00	06	Pull out of hole to top of Bha	5415	5415	9
1:00	2.50	05	Build and pump kill mud in top of well bore.	5415	5415	9
3:30	1.00	06	Pull out of hole and lay down 8" drill collars. Break bit and bit sub.	5415	5415	9
4:30	1.50	23	Rig up casers (Weatherford TRS)	5415	5415	9
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5415	13:00	8.90	0.00	48	25	12	4/8/15	9.5	0.0	2	0.00	1.0%	95.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	4.00	0.80	3.50	11000	280	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	70	This mud is caying 45% lcm											

**Daily Summary**

Activity Date :	3/7/2008	Days From Spud :	13	Current Depth :	5415 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.50	22	Rig up Casing Crew and Lay down machine Held prejob safety meeting with rig and casing crew.	5415	5415	NIH
8:30	9.50	12	Run 135 joints of 9 5/8", 43.5#, P110 casing to 5415' with Weatherford TRS Casers.	5415	5415	NIH
18:00	7.50	05	Rig up cement head and begin Circulating down casing While rigging down casers and Laydown Truck as well as Rigging up Halliburton cementers.	5415	5415	NIH
1:30	4.50	12	Pressure test Pump and lines Pump 10 Fresh Spacer, 40 BBIs Mud Flush, 10 bbl Spacer then Pump 268 bbls (965 SX)lead cement @13.1 ppg. Then Pumped 75 BBIs (337 sx)Tail @ 15.8 ppg. Pumped Displacement with Pit water at 8 BPM. Caught pressure 320 bbls reduced rate to 6 bpm then dropped rate to 4 bpm at 360 away then reduced rate to 2 bpm 380 bpm. Bumped plug with 826 Psi then pressured up to 1325 psi and held for 5 min. Checked floats and washed pump and lines.	5415	5415	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5415	13:00	8.50	0.00	28	1	1	1/1/1	100.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	0.03	11000	280	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	70	This mud is caying 45% lcm											

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/8/2008	Days From Spud :	14	Current Depth :	5415 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.00	13	Finish cement job, rig dn	5415	5415	NIH
10:00	4.00	22	Wait on Baker Hughes CBL. Move in and begin rigging up-No "T" bar, Wait for T bar	5415	5415	NIH
14:00	4.50	11	Rig up Baker, run CBL, rig dn.	5415	5415	NIH
18:30	1.00	18	Pump 200sx cmt. 2bpm @250 psi(on vacuum at finish)	5415	5415	NIH
19:30	6.00	14	Rig up H&N BOP lift, lift BOP, set slips w/ 210k,	5415	5415	NIH
1:30	4.50	14	Final cut casing , wellhead would not fit over casing, send to machine shop w/ Cameron, weld spacer spool, modify choke	5415	5415	NIH

Total: 24.00

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5415	13:00	8.50	0.00	28	1	1	1/1/1	100.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	0.03	11000	280	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	70	This mud is caying 45% lcm											

**Daily Summary**

Activity Date :	3/9/2008	Days From Spud :	15	Current Depth :	5415 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.00	14	Nipple up. Brought in new wellhead, nipp up and test to 3500psi	5415	5415	NIH
10:00	5.00	14	Nipple up BOP stack modify choke line, flow line	5415	5415	NIH
15:00	8.00	15	Test BOP (300psi, 10000psi)Test casing 1500psi	5415	5415	NIH
23:00	0.50	14	Install wear bushing	5415	5415	NIH
23:30	2.00	22	Modify flowline,hook up cellar pump, turnbuckles	5415	5415	NIH
1:30	4.50	22	Modify drip pan, clear off rig floor, change shaker screens	5415	5415	NIH

Total: 24.00

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5415	13:00	8.50	0.00	28	1	1	1/1/1	100.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	0.03	11000	280	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	70	This mud is caying 45% lcm											

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	<b>3/10/2008</b>	Days From Spud :	16	Current Depth :	5415 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	22	Clear floor,make room f/ bar hoppers, mud storage, fill reserve pit by shakers, refit pit liner	5415	5415	NIH
18:00	12.00	22	organize location, transfer oil base mud	5415	5415	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5415	13:00	8.50	0.00	28	1	1	1/1/1	100.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	0.03	11000	280	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	70	This mud is caying 45% lcm											

**Daily Summary**

Activity Date :	<b>3/11/2008</b>	Days From Spud :	17	Current Depth :	5425 Ft	24 Hr. Footage Made :	10 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	22	Transfer oilbase mud,3 upright tanks,Build cuttings dump, Waiting on ZECO solids control equip	5415	5415	NIH
18:00	4.50	06	Make up bit, bit sub, TIH to 5354 tag	5415	5415	NIH
22:30	1.50	22	Drill cmt. f/ 5354 (very soft)float 5375, shoe @ 5415	5415	5415	NIH
0:00	0.50	02	Drill 10' new hole to 5425	5415	5415	NIH
0:30	1.00	23	Run FIT test to 2000psi(15.5mw equiv)(orig. mw 8.4)	5415	5415	NIH
1:30	3.50	06	TOH brk bit , bit sub	5415	5415	NIH
5:00	1.00	23	Ready rig f/ oil base	5415	5415	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5415	13:00	8.50	0.00	28	1	1	1/1/1	100.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	0.03	11000	280	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	70	This mud is caying 45% lcm											

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/12/2008	Days From Spud :	18	Current Depth :	5425 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	16.00	22	Rig up solids control equip., oilbase mud	5415	5415	NIH
22:00	8.00	23	Cond. Mud , run over shakers, dilute f/ 15#(working on centrifuge	5415	5415	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5425	13:00	13.40	0.00	49	1	1	1/1/1	100.0	0.0	0	0.00	1.0%	10.0%	0.9%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	0.03	11000	280	1100	0.00	0.00	0	0	0.00	8/92	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	70	This mud is caying 45% lcm											

**Daily Summary**

Activity Date :	3/13/2008	Days From Spud :	19	Current Depth :	5425 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	05	Circ OBM over shakers, working on centrifuge, cut mud wt . f/ 13.4	5425	5425	NIH
7:00	3.50	06	TIH w/ Vertittrak,( 12" crescent dropped downhole)	5425	5425	NIH
10:30	3.50	05	Displace water w/ oilbase	5415	5415	NIH
14:00	4.00	08	Pump slug, TOH	5415	5415	NIH
18:00	0.50	07	Service rig	5415	5415	NIH
18:30	1.00	08	make up magnet , TIH	5415	5415	NIH
19:30	1.50	08	Check rotary table(making grind noise)	5415	5415	NIH
21:00	3.50	08	TIH to 5425 circ over fish, Pump slug, work magnet over fish	5415	5415	NIH
0:30	4.50	01	TOH recovered nut f/ tongs, no crescent wrench	5415	5415	NIH
5:00	1.00	08	Brk out magnet, Mk up globe basket	5425	5425	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5425	13:00	13.40	0.00	49	1	1	1/1/1	100.0	0.0	0	0.00	1.0%	10.0%	0.9%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	0.03	11000	280	1100	0.00	0.00	0	0	0.00	8/92	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	70	This mud is caying 45% lcm											

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/14/2008	Days From Spud :	20	Current Depth :	5430 Ft	24 Hr. Footage Made :	5 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	06	TIH to 5425	5425	5425	NIH
9:00	1.50	19	Work globe basket, drop ball f reverse cic	5425	5425	NIH
10:30	1.00	08	Rotary table quit,unable to mill	5425	5425	NIH
11:30	4.50	06	TOH no recovery	5425	5425	NIH
16:00	0.50	07	Service rig	5425	5425	NIH
16:30	2.00	08	Work on rotary	5425	5425	NIH
18:30	3.50	06	TIH w/ 8 1/2 mill tooth bit	5425	5425	NIH
22:00	3.50	22	Drill on junk, made 5'	5425	5430	NIH
1:30	1.00	23	bar hopper dn,rig fuel problem	5430	5430	NIH
2:30	3.00	06	Slug pipe, TOH	5430	5430	NIH
5:30	0.50	07	Service rig	5430	5430	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5430	18:30	12.50	0.00	49	20	4	4/6/9		14.2	0	0.00	0.2%	10.0%	0.9%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	0.03	11000	280	1326	0.00	10.70	1	12	0.00	88/12	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
14	0.0	0.0	65	This mud is caying 45% lcm											

**Daily Summary**

Activity Date :	3/15/2008	Days From Spud :	21	Current Depth :	5680 Ft	24 Hr. Footage Made :	250 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.00	06	Make up bit #7, Vertitak tools, TIH,test tool install rt. rubber)	5430	5430	NIH
12:00	1.00	08	Work on pumps,change fuel filter @ fuel tank	5430	5430	NIH
13:00	17.00	02	Drill f/ 5430 to 5680	5430	5680	10
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5530	18:30	11.80	11.50	49	20	4	4/6/9		14.2	0	0.00	0.2%	10.0%	0.9%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	0.03	11000	40690	1326	0.00	11.40	1	253	0.00	88/12	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	0.0	65	This mud is caying 45% lcm											

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/16/2008	Days From Spud :	22	Current Depth :	6305 Ft	24 Hr. Footage Made :	625 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	10.50	02	Drig. f/ 5680 to 6049	5680	6049	10
16:30	0.50	07	Service rig	6049	6049	NIH
17:00	9.50	02	Drig. f/ 6049 to 6205	6049	6205	10
2:30	0.50	07	Service rig	6205	6205	NIH
3:00	3.00	02	Drig f/ 6205 to 6305	6205	6305	10
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5680	18:30	11.80	11.50	49	20	4	4/6/9		14.2	0	0.00	0.2%	10.0%	0.9%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	0.03	11000	40690	1326	0.00	11.40	1	253	0.00	88/12	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	0.0	65	This mud is caying 45% lcm											

**Daily Summary**

Activity Date :	3/17/2008	Days From Spud :	23	Current Depth :	6768 Ft	24 Hr. Footage Made :	463 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	11.00	02	Drig f/ 6305 to 6548	6305	6548	10
17:00	0.50	07	Service rig	6305	6305	NIH
17:30	7.00	02	Drig f/ 6548 to 6768	6548	6768	10
0:30	0.50	05	Mix and pump pill	6768	6768	NIH
1:00	0.50	08	fuel problem, change filters	6768	6768	NIH
1:30	2.00	06	TOH	6768	6768	NIH
3:30	0.50	08	Fuel problem restart floor engines	6768	6768	NIH
4:00	2.00	06	TOH	6768	6768	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6680	22:00	12.80	12.40	45	22	12	11/14/16		6.1	2	32.00	22.0%	13.0%	87.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	11000	40690	1326	0.00	6.70	1	18	0.00	87/13	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	0.0	75	Raised mud wt. to 13.5 prior to trip out											

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/18/2008	Days From Spud :	24	Current Depth :	7017 Ft	24 Hr. Footage Made :	249 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	06	TOH change bits, Vertitrak motor	6768	6768	NIH
9:00	5.00	06	TIH fill@ shoe, TIH to 6768	6768	6768	NIH
14:00	0.50	05	Circ	6768	6768	NIH
14:30	6.50	02	Drig f/ 6768( drlg brk @ 6890-6908,+2000u gas)	6768	6900	11
21:00	0.50	22	Ream, work drlg brk.	6900	6900	NIH
21:30	4.50	02	Drig f/ 6908 to 6967	6900	6967	11
2:00	0.50	08	Work on pumps	6967	6967	NIH
2:30	3.50	02	Drig f/ 6967 to 7017	6900	7017	11
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6920	22:00	13.10	13.50	45	22	12	11/14/16		6.1	2	32.00	24.0%	16.0%	84.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	11000	40690	1326	0.00	8.00	1	18	0.00	84/16	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	0.0	96	Raised mud wt. to 13.5 prior to trip out											

**Daily Summary**

Activity Date :	3/19/2008	Days From Spud :	25	Current Depth :	7550 Ft	24 Hr. Footage Made :	533 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	17.00	02	Drig f/ 7017 to 7361	7017	7361	11
23:00	0.50	07	Service rig	7361	7361	NIH
23:30	6.50	02	Drig f/ 7361 to 7550	7361	7550	11
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7320	22:00	13.10	13.50	43	22	12	11/14/16		6.1	2	32.00	24.0%	16.0%	84.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	11000	40690	1326	0.00	8.00	1	18	0.00	84/16	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	0.0	96												

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/20/2008	Days From Spud :	26	Current Depth :	7550 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.00	02	Drig fl 7550	7550	7550	11
Total:	0.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7550	22:00	14.00	13.90	43	22	12	11/14/16		6.1	2	32.00	24.0%	16.0%	84.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	11000	40690	1326	0.00	8.00	1	18	0.00	84/16	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	0.0	96												

**Formation**

Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments
Wingate	0	0	989	0	
White Rim	0	0	2637	0	
Shinarump	0	0	1608	0	
Pinkerton Trail	0	0	8837	0	
Paradox Salt	0	0	5537	0	
Navajo	0	0	484	0	
orrison-Salt Wash m	0	0	0	0	
Moenkopi	0	0	1763	0	
Kayenta	0	0	894	0	
Honaker Trail	0	0	3253	0	
Entrada	0	0	85	0	
Cutler	0	0	2945	0	
Chinle	0	0	1358	0	
Carmel	0	0	337	0	
	0	0	0	0	

**Casing**

DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
2/5/2008	988.62	24	3. Surface	13.375	54.5	J-55	0	17.5	988
Stage: 1, Spacer, 0, 0, 40 bbl Gel water flush 15 ppb gel, Artic, 0, 0									
Stage: 1, Lead, 0, 200, Versacem, Lightweight, 2.57, 12									
Stage: 1, Tail, 0, 390, Type 1-2, Class A, 1.82, 13.5									
Stage: 1, Displacement, 142, 0, fresh water, , 0, 0									
2/16/2008	5575.96	138	4. Intermediate	0	0		0	12.25	5540
Stage: 1, Lead, 0, 965, Elastiseal., Class G, 1.56, 8.33									
Stage: 1, Tail, 0, 337, Halcem, Class G, 1.25, 15.8									
Stage: 1, Top Out, 0, 200, , Class G, 1.17, 15.8									

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-50325</b>
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>NA</b>
			7. UNIT or CA AGREEMENT NAME: <b>NA</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			8. WELL NAME and NUMBER: <b>Greentown State #31-362216C</b>
2. NAME OF OPERATOR: <b>Delta Petroleum Corporation</b>			9. API NUMBER: <b>4301931569</b>
3. ADDRESS OF OPERATOR: <b>370 17th Street, #4300</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		PHONE NUMBER: <b>(303) 575-0397</b>	10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1,025' FNL &amp; 2,290' FEL</b>			COUNTY: <b>Grand</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNE 36 22S 16E</b>			STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>3/26/2008</u>	<input type="checkbox"/> ACIDIZE	<input checked="" type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**Tight Hole Status**

Delta Petroleum Corporation would like to deepen the Greentown State #31-362216C. The permitted depth is 8,950' and the new proposed depth will be 9,700'.

Current Status: Drilling

NAME (PLEASE PRINT) <u>Kate Shirley</u>	TITLE <u>Regulatory Tech.</u>
SIGNATURE	DATE <u>3/24/2008</u>

(This space for State use only)

**RECEIVED**  
**MAR 25 2008**  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

5 LEASE DESIGNATION AND SERIAL NUMBER  
ML-50325

**SUNDRY NOTICES AND REPORTS ON WELLS**

6 IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals

7 UNIT or CA AGREEMENT NAME:  
NA

1 TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8 WELL NAME and NUMBER:  
Greentown State #31-362216C

2 NAME OF OPERATOR:  
Delta Petroleum Corporation

9 API NUMBER:  
4301931569

3 ADDRESS OF OPERATOR:  
370 17th Street, #4300 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:  
(303) 575-0397

10. FIELD AND POOL, OR WILDCAT:  
Wildcat

4. LOCATION OF WELL  
FOOTAGES AT SURFACE 1,025' FNL & 2,290' FEL

COUNTY Grand

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN. NWNE 36 22S 16E

STATE UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start _____	<input type="checkbox"/> ACIDIZE	<input checked="" type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**Tight Hole Status**

Delta Petroleum Corporation would like to submit a revised drilling plan that will include our TD change from a permitted depth of 8,950' to 9,700' for the Greentown State 31-362216C. A Sundry was sent to update TD to Utah Division of Oil, Gas & Mining and SITLA on 3/24/08.

Delta is also including a a H2S Contingency plan for the Greentown State 31-362216C.

NAME (PLEASE PRINT) Kate Shirley

TITLE Regulatory Tech.

SIGNATURE *Kate Shirley*

DATE 4/3/2008

(This space for State use only)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 4/4/08  
BY: *[Signature]*  
(See Instructions on Reverse Side)

RECEIVED

APR 03 2008

DIV. OF OIL, GAS & MINING

## DRILLING PROGRAM

### TIGHT HOLE STATUS

Delta Petroleum Corporation  
**Greentown State #31-362216C**  
NWNE 1,025' FNL & 2,290' FEL  
Section 36-T22S-R16E  
Grand County, Utah  
**Revised: 4/03/08**

#### 1. The Geologic Surface Formation

	<u>TVD</u>	<u>Subsea</u>
Morrison-Salt Wash	0'	4387'

#### 2. Estimated Tops of Important Geologic Markers

	<u>TVD</u>	<u>Subsea</u>
Morrison-Salt Wash	15'	4372'
Entrada	100'	4287'
Carmel	352'	4035'
Navajo	499'	3888'
Kayenta	909'	3478'
Wingate	1004'	3383'
Chinle	1373'	3014'
Shinarump	1623'	2764'
Moenkopi	1778'	2609'
White Rim	2652'	1735'
Cutler	2960'	1,427'
Honaker Trail	3268'	1119'
Paradox Salt	5552'	-1165'
Pinkerton Trail	8852'	-4465'
Leadville Limestone	9050'	-4657'
Total Depth	9700'	-5313'

#### 3. Projected Gas & Water Zones

		<u>TVD</u>	<u>Subsea</u>
Morrison-Salt Wash	Water	15'	4372'
Entrada	Water	100'	4287'
Navajo	Water/gas	499'	3888'
Wingate	Water/gas	1004'	3383'
White Rim	Water/gas	2652'	1735'
Cutler	Water/gas	2960'	1427'
Honaker Trail	Water/gas	3268'	1119'
Paradox Salt	Gas/oil	5552'	-1165'
Leadville Limestone	Oil/Gas	9050'	-4657'

G,O & W = Primary; g,o & w = Secondary

No Groundwater is anticipated to be encountered. Water encountered will be reported on a Form 7 "Report of Water Encountered during Drilling".

Casing & cementing will be done to protect all fresh water zones, potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits.

All indications of usable water will be reported.

Surface casing will be tested to 1500 psi for 15 minutes. Pressure drop is not to exceed 150 psi.

#### 4) The Proposed Casing and Cementing Programs

##### Casing Program

<u>Hole Size</u>	<u>Setting Depth</u>	<u>Size (OD)</u>	<u>Weight, Grade &amp; Joint</u>	<u>Condition</u>
24"	40'	20"	Conductor	New
16"	950'	13-3/8"	54.5#, J-55, LTC	New
12-1/4"	5400'	9-5/8"	43.5#, P-110, LTC	New
8-1/2"	8950'	7"	35#, P-110, LTC	New
6"	9700'	4-1/2"	11.6#, L-80, LTC	New

##### Cement Program

###### Surface Casing:

800 sxs Type "G"  
Weight: 15.6 #/gal  
Yield: 1.16 cu.ft/sk

###### Intermediate Casing:

Lead: 1200 sxs 85/15/8  
Weight: 12.5 #/gal  
Yield: 2.14 cu.ft/sk

Tail: 700 sxs Type III  
Weight: 14.6 #/gal  
Yield: 1.41 cu.ft/sk

###### Intermediate Casing:

Lead: 1130 Foamed G  
Weight: 16.4 #/gal  
Yield: 1.17 cu.ft/sk

Tail: 160 sxs Class "G"  
Weight: 16.4 #/gal  
Yield: 1.17 cu.ft/sk

Production Casing:

Tail: 200 sxs Class "G"  
Weight: 13.5 #/gal  
Yield: 1.2 cu. ft/sk

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
  - 2) Blowout preventer tests for proper functioning;
  - 3) Blowout prevention drills conducted;
  - 4) Casing run, including size, grade, weight, and depth set;
  - 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
  - 6) Waiting on cement time for each casing string;
  - 7) Casing pressure tests after cementing, including test pressures and results.
5. The Operator's Minimum Specifications for Pressure Control

**Basin Information**

Greentown State #36-11 NWNW of Section 36-T21S-R16E: Drilling to a depth of 6,011' normal pressure gradients were seen (MW of 10.2 ppg or 0.53 psi/ft). At 6,011' a clastic break was drilled which required MW of 12.5 ppg or 0.65 psi/ft to control permeable gas.

Greentown State #32-42 SENE of Section 32-T22S-R17E: Drilling to a depth of 5,600' normal pressure gradients were seen (MW of 10.2 ppg or 0.53 psi/ft). After 5,600' a clastic break was drilled which required MW of 11.2 ppg or 0.58 psi/ft to control permeable gas. Another clastic break was drilled @ 7,710' which required MW of 12.7 ppg or 0.66 psi/ft. A clastic break was again drilled at 8,552' which required MW of 13.4 ppg or 0.70 psi/ft.

As a result of the knowledge and experience gained from the drilling of these two wells Delta has changed well construction plans for this well. The Drilling Plan now reflects and is based on maximum MW of 13.5 ppg. This will require pressure equipment which will be rated and tested to 10,000 psi.

BOP Equipment is as follows:

4-1/2" x 20" rotating head from surface to 650'

13" 5M BOP stack and 5M kill lines and choke manifold used from surface to 5400'

11" 10M BOP w/rotating head, 5M annular, 4-1/2" rams, blind rams & mud cross from 5400-9400' TD

Attached is a schematic diagram for both a 5M & 10M Blowout Preventer Equipment

6. The Type and Characteristics of the Proposed Circulating Muds

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Vis</u>	<u>Water Loss</u>
0-1,000'	Air/Water	+/-8.5	+/-28	NC
1,000-5,400'	Air	+/-8.5	+/-28	NC
5,400- 9,700'	OBM	+/-13.5	+/-44	+/-10

7. The Testing, Logging and Coring Programs is as followed

DST's: None

Logging - End of Surface csg – TD: Platform Express/Sonic Scanner; Surface – TD: GR

Coring – None

Any Anticipated Abnormal Pressures or Temperatures

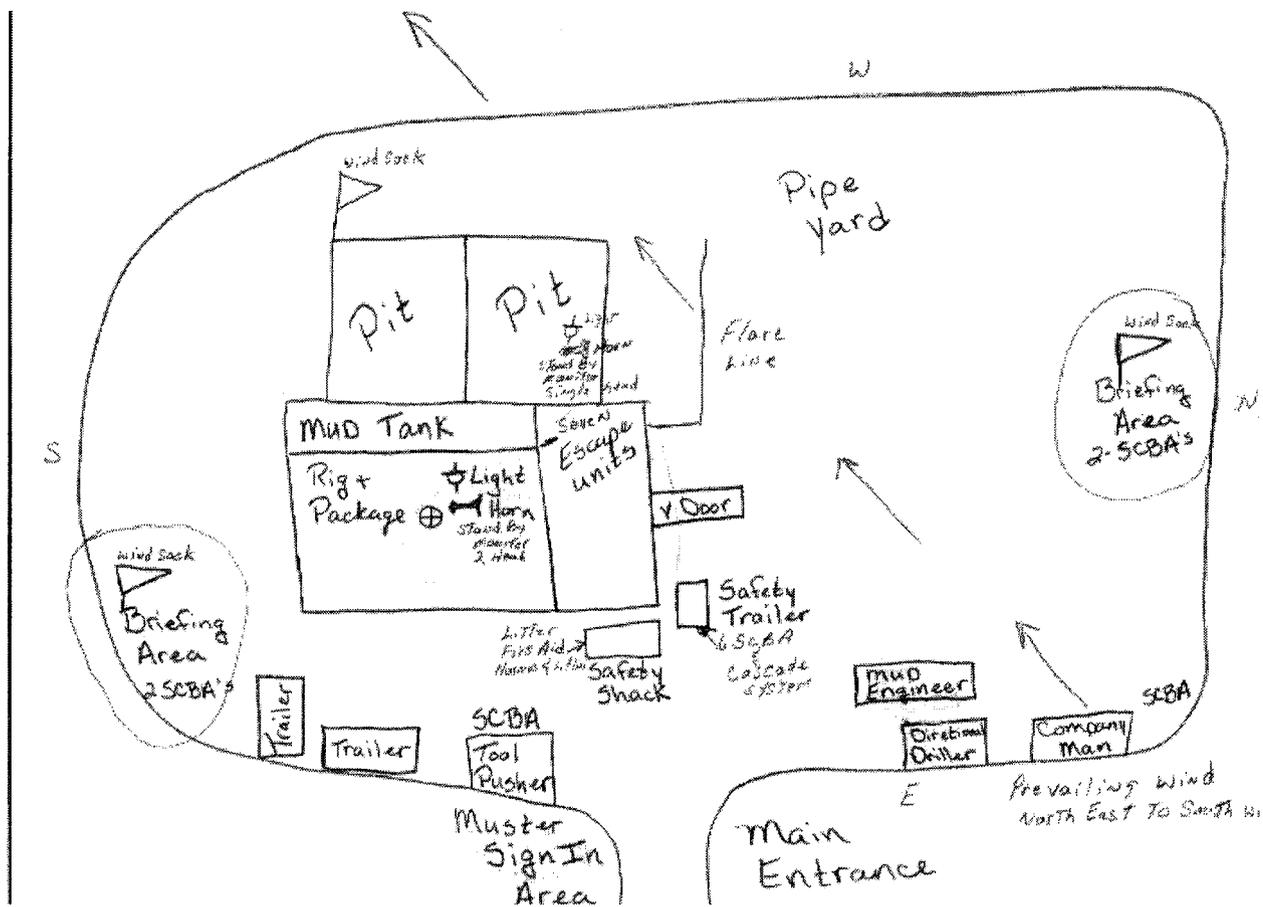
No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 6265 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations: September, 2007

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.



**American Safety Consultants, Inc.**

Andrew Hill  
P.O. Box 45  
Cortez, CO 81321  
Office (970) 799-3918  
Fax (970) 562-6558  
Cell (970) 799-2340

Re: H2S Contingency Plan for Greentown State 31-362216  
Latitude and Longitude: 38. N 859072 by 110. W 103643

**1. Emergency Procedure****A. Responsibility of personnel**

1. Rig crew will follow emergency shut down procedures according to drilling companies procedures.
2. Safety Man will start notifying other contract personnel on location to head for main briefing area to check muster.
3. Regardless of position on location, first person to briefing area takes head count against the muster sign in sheet then assigns people to contact emergency services if necessary.
4. Second person to briefing area will pack up with safety man, using the buddy system, and help check location for downed personnel.

**B. Immediate action plan**

1. Alert and account for facility personnel.
  - A. Move away from the hydrogen sulfide or sulfur dioxide source and attempt to get out of the affected area.
  - B. Don proper personnel breathing equipment.
  - C. Alert other affected personnel.
  - D. Assist personnel in distress.
  - E. Account for on-site personnel.
2. Take immediate measures to control present or potential discharge and to eliminate possible ignition sources. Emergency shutdown methods should be initiated as deemed necessary to correct or control the specific situation. When the required action cannot be accomplished safely in time to protect personnel the public from hazardous concentrations of hydrogen sulfide or sulfur dioxide, proceed to the following steps as appropriate for the site specific conditions.  
or
3. Alert the public (directly or through appropriate government agencies) that may be subjected to an atmosphere exposure exceeding 30 ppm\* of hydrogen sulfide or 10 ppm\* of sulfur dioxide.
4. Initiate evacuation operations.
5. Contact the first available designated supervisor on the call list. Notify the

supervisor of circumstances and whether or not immediate assistance is needed. The supervisor should notify (or arrange for notification of) other supervisors and other appropriate personnel (including public officials) on the call list.

6. Make recommendations to public officials regarding blocking unauthorized access to the unsafe area and assist as appropriate.
7. Make recommendations to public officials regarding evacuating the public and assist as appropriate.
8. Notify, as required, state and local officials and the National Response Center to comply with release reporting requirements.
9. Monitor the ambient air in the area of exposure (after following abatement measures) to determine when it is safe for reentry.

**C. Telephone numbers and communication**

<b>Emergency Service</b>	<b>Phone Number</b>	<b>Reason for Calling</b>
Grand County Sheriff	(435) 259-8115	Local emergency personnel
Utah State Patrol	(435) 637-0893	Dispatch located in Price
Grand County Fire Department	(435) 259-8115	Dispatch for Fire
Mesa County Sheriff	(970) 244-3500	Closest Large City Emergency
St. Mary's Flight for Life	(800) 332-4923	Fly injured personnel to hospital
BLM	(970) 244-3000	For fires and gas leak notification

**D. Training and Drills**

1. The value of training and drills in emergency response procedures for oil and gas operations involving hydrogen sulfide or sulfur dioxide cannot be over emphasized. All personnel identified in the plan shall have appropriate training. It is important that the training conveys a full appreciation of the importance of each role and the effect that person has on implementing an affective emergency response.
- each

## TOXIC EFFECTS OF HYDROGEN SULFIDE

<u>CONCENTRATION</u>			<u>EFFECTS</u>
<u>%H2S</u>	<u>PPM</u>	<u>GR/100SCF</u>	
0.001	10	.65	Obvious and unpleasant odor. Beginning eye irritation. Permissible exposure limit for 8 hour exposure.
0.01	100	6.48	Kills smell in 3 to 15 minutes; may sting eyes and throat. Altered respiration, coughing, drowsiness. Possible delayed death within 48 hours.
0.02	200	12.96	Kills smell shortly; stings eyes and throat. Respiratory irritation. Death after 1-2 hours exposure.
0.03	300	19.44	Immediate Danger to Life and Health
0.05	500	32.96	Dizziness; breathing ceases in a few minutes; Needs prompt artificial respiration. Self rescue impossible because of loss of muscle control.
0.07	700	45.36	Unconscious quickly; death will result if not rescued promptly.
0.10	1000	64.80	Unconscious at once, followed by death within minutes.

**From:** "Ron Schuyler" <rschuyler@deltapetro.com>  
**To:** "Dustin Doucet" <DUSTINDOUCET@utah.gov>  
**CC:** "Carl Lakey" <clakey@deltapetro.com>, "Bart Kettle" <BARTKETTLE@utah.gov...>  
**Date:** 4/4/2008 7:34 AM  
**Subject:** RE: Greentown State 31-362216C Updated Information with TD  
**Attachments:** GTS 31-36 location safety layout.jpg; GTS 31-36 H2S Contingency plan.doc

Dustin,

I spoke with Andy Hill (American Safety in Cortez who wrote our contingency plan and is supplying the onsite safety equipment) and he has updated the field drawing to comply with your request (see attached) and sent the following information to me to comply with the Utah State R649-3-12:

\* Prevailing wind direction (NE to SW) has been included on the attached drawing and the briefing areas are located such that at least one will be upwind at any given time.

\* Per part 5 of the rules there two 30 min SCBA's at each briefing area, one 30 min SCBA at the toolpusher's trailer and one 30 min SCBA at the company man's trailer. The safety trailer has six 30 min SCBA stored in it along with a 4, 4000 psi cascade system on standby at all times. There are two 5 min escape units on the pits and five 5 min escape units on the rig floor where the derrick hand will be able to have one taken to the derrick when he is in the derrick.

\* The safety shack (located as shown on the drawing) has one litter, one stretcher, first aid kit, resuscitator, harness and lifelines.

\* Monitors are rigged up - one on the pit monitoring the shale shaker, one on the rig monitoring the rig floor and one in the sub structure monitoring the cellar.

\* Wind socks are at the north and south briefing areas and one on the mud tanks. The rig also has flags flying from the top of the dog house that may be used as wind indicators as well.

\* Each crew member will be given his or her own personal monitor at the start of their shift.

Per your request regarding if H2S is encountered, how the requirements of parts 8-11 will be satisfied?

\* There is an entrance sign and a sign warning of the presence of H2S - green flag indicating no H2S, yellow flag indicating 5-20 ppm and red flag indicating 20 ppm or greater. There will be no entrance of any personnel without prior approval of the company man on site.

- \* The flare system is in place and is in the raised and ready position.
- \* Sufficient quantities of lime and zinc oxide are to be maintained on location to scavenge or neutralize any H<sub>2</sub>S in the mud.
- \* Emergency response will be as shown in the attached contingency plan (parts A and B).
- \* All personnel working on the location have been trained by the onsite safety supervisor from American Safety.

I have reviewed R649-3-12 and feel we have addressed all the points. Please let me know if you feel we have missed something.

Can I attach this email to our contingency plan (included with this email) to complete our plan or do you want me to try to incorporate this into the body of the attached contingency plan? We pretty much have everything in place to drill ahead and would like to proceed ASAP.

Thanks for your help in getting this done on such short notice!

Ron Schuyler

(303) 575-0328 (direct)

(303) 250-8299 (cell)

-----Original Message-----

From: Dustin Doucet [mailto:DUSTINDOUCET@utah.gov]

Sent: Thursday, April 03, 2008 5:29 PM

To: Kate Shirley

Cc: Carl Lakey; Ron Schuyler; Bart Kettle

Subject: Re: Greentown State 31-362216C Updated Information with TD

Ron,

There are a few of things that I would like confirmed and added to the H<sub>2</sub>S plan. These are mentioned in R649-3-12. First, the prevailing wind direction should be included on the wellsite layout plan and the briefing areas/muster points should be located as required in the rules (at least one generally upwind from the wind). Second, I need compliance with part 5 of that rule that shows an adequate number of SCBA for all personnel. I only see 2 escape units on the rig floor. Also need some language that the equipment listed in 5.2- 5.7 is on location and generally where it is located. Third, need the location of

each monitor and the type of monitor as required in part 6. Fourth, also need location of the windssocks - part 7. and last need discussion on the if H2s is encountered, how the requirements of parts 8-11 will be satisfied. We need to be sure all the requirements of R649-3-12 are met before any drilling can take place. Please look through this rule in it's entirety and make sure you address all points in your H2S plan and implement it on location. You can view this rule at the following location: <http://www.rules.utah.gov/publicat/code/r649/r649-003.htm#T12>

Please feel free to call or email me with any concerns or questions.  
Thanks.

Dustin

Dustin K. Doucet

Petroleum Engineer

Utah Division of Oil, Gas and Mining

Oil and Gas Program

1594 West North Temple, Suite 1210

Salt Lake City, UT 84116

Phone: (801) 538-5281

fax: (801) 359-3940

email: [dustindoucet@utah.gov](mailto:dustindoucet@utah.gov)

>>> "Kate Shirley" <[kshirley@deltapetro.com](mailto:kshirley@deltapetro.com)> 4/3/2008 2:44 PM >>>

Good Afternoon Dustin,

Delta would like to see if the Utah Division of Oil, Gas, & Mining would

be able to look over our additional information for our updated formation for the Leadville Limestone at 9700'. Recently Delta submitted a sundry on 3/24/08 to increase our TD from 8950' to 9700'. Our Geology department would like to produce out of the Leadville Limestone.

Attached I have provided an updated Drilling Program.

Also Delta has contracted American Safety Consultants to put together an H2S contingency Plan for the Greentown State 31-362216. Ron Schuyler who is our Drilling Manager for Delta will follow up with this Sundry soon to discuss any questions that you might have.

Thanks,

Kate Shirley

Regulatory Technician

DELTA PETROLEUM CORPORATION

370 17th Street, Suite 4300

Denver, CO 80202

Direct: 303-575-0397

Fax: 303-575-0497

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Delta Petroleum Corporation, 370 17th Street, Suite #4300, Denver, CO 80202 [www.deltapetro.com](http://www.deltapetro.com)

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Delta Petroleum Corporation, 370 17th Street, Suite #4300, Denver, CO 80202 [www.deltapetro.com](http://www.deltapetro.com)



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

**Division of Oil, Gas and Mining**

JOHN R. BAZA  
Division Director

April 4, 2008

Delta Petroleum Corporation  
370 17th St. #4300  
Denver, CO 80202

Re: Greentown State 31-362216C Well, 1025' FNL, 2290' FEL, NW NE, Sec. 36,  
T. 22 South, R. 16 East, Grand County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-019-31569.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Grand County Assessor  
SITLA

**Operator:** Delta Petroleum Corporation  
**Well Name & Number** Greentown State 31-362216C  
**API Number:** 43-019-31569  
**Lease:** ML-50325

**Location:** NW NE      **Sec.** 36      **T.** 22 South      **R.** 16 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at:      (801) 538-5338 office      (801) 942-0871 home
- Carol Daniels at:      (801) 538-5284 office
- Dustin Doucet at:      (801) 538-5281 office      (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Page 2

43-019-31569

April 4, 2008

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. All conditions of approval for the Greentown State 31-362216 apply to the Greentown State 31-362216C.

April 4, 2008

Utah Division of Oil, Gas & Mining  
Diana Mason  
1594 W. N. Temple Suite 1210  
Salt Lake City, Utah 84114-5801

RE: Exception Location Request  
Greentown State #31-362216C

Ms. Mason:

Pursuant to Rule R649-3-11 of the State's Oil & Gas Conservation regulations, Delta Petroleum Corporation hereby makes application for approval to drill the Greentown State #31-362216C well situated in Township 22 South – Range 16 East; Section 36: NW/NE (1,025' FNL – 2,290' FEL) on lands administered by the State of Utah – School and Institutional Trust Lands Administration (SITLA). Both the surface and minerals are held by SITLA. SITLA has leased the minerals out to Delta under lease number #ML-50325.

Delta Petroleum Corporation (Delta) proposes to drill the Greentown State #31-362216C well to a total depth of 8,950 feet and is an exception to Rule R649-3-3. Delta is the only leasehold owner and operator within a 460 foot radius of the bore hole.

Delta proposes to use a vertical drilling program for the Greentown State #31-362216C well. This well is situated outside of the legal drilling window to avoid archaeological sites, large drainage gullies, large bedrock formations, minimize surface disturbance and operational costs allowing Delta to explore into the target bottom-hole location. Other alternatives were identified but the proposed access route and well location provides the most environmentally sensitive options.

Attached hereto is a plat as required by the Commissions rules and regulations.

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**APR 07 2008**

**DIV. OF OIL, GAS & MINING**

If no objections are filed the applicant requests that this application be approved.  
If objections are filed the applicant requests the matter be set for hearing and that  
it be advised of the hearing date.

Sincerely yours,

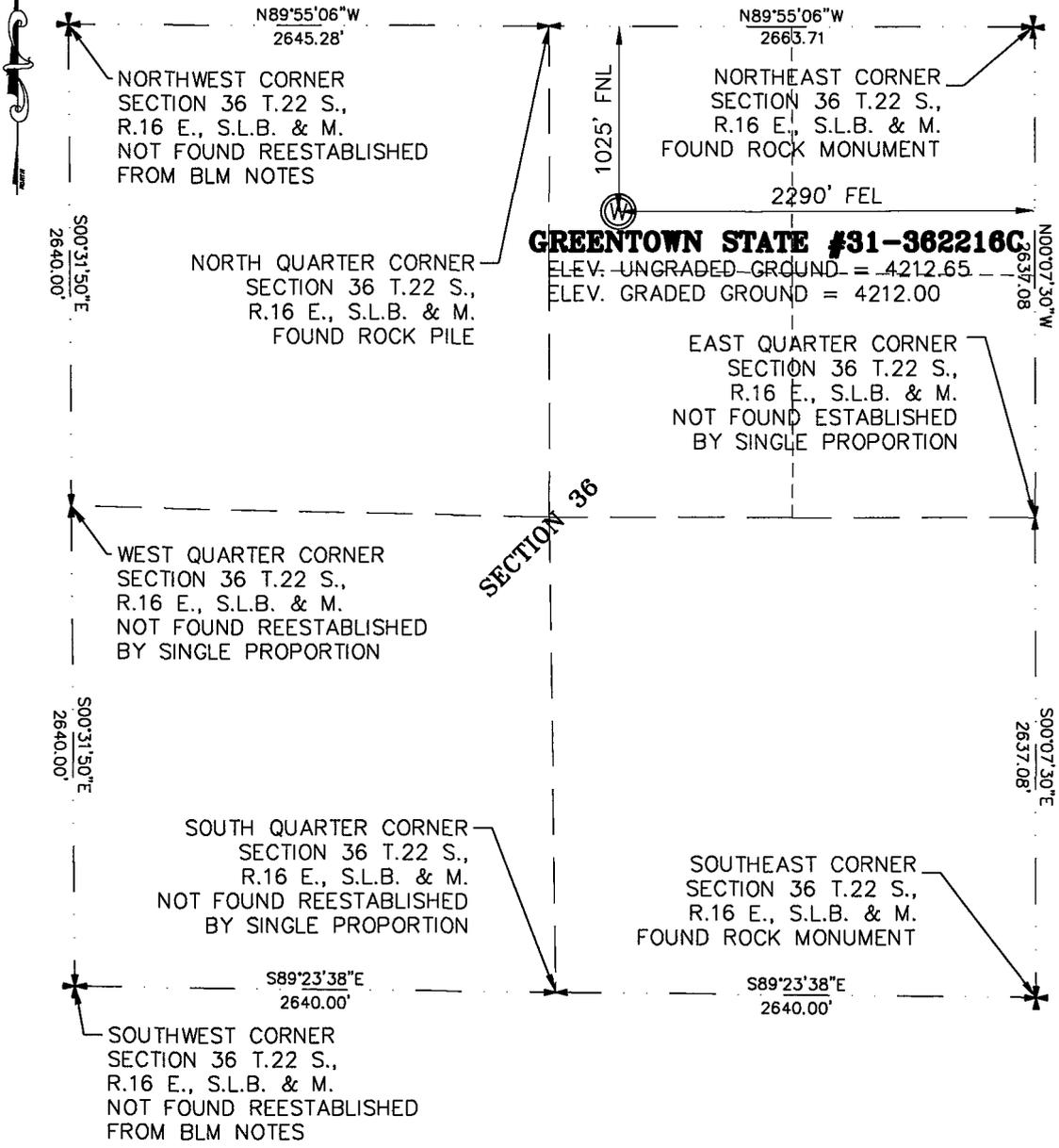
Delta Petroleum Corporation



Kate Shirley  
Regulatory Technician

Attachment

# SECTION 36 T.22 S., R.16 E., S.L.B. & M.



PROJECT

**DELTA PETROLEUM CORPORATION**  
 WELL LOCATION, LOCATED AS SHOWN  
 IN THE NW 1/4 OF THE NE 1/4 OF  
 SECTION 36 T.22 S., R.16 E., S.L.B. & M.  
 GRAND COUNTY, UTAH

### LEGEND

- SECTION CORNER AS NOTED
- QUARTER CORNER AS NOTED
- PROPOSED WELL LOCATION

NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT  
 GREENTOWN STATE #31-362216C WELL  
 LOCATED IN THE NW 1/4 OF THE NE 1/4 OF  
 SECTION 36 T.22 S., R.16 E., S.L.B. & M.  
 GRAND COUNTY, UTAH.

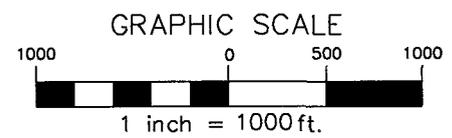
### BASIS OF ELEVATION

ELEVATION BASED ON TRIANGULATION STATION ABRES  
 LOCATED IN THE SE 1/4 OF SECTION 36 T.22 S.,  
 R.16 E., S.L.B. & M.  
 ELEVATION USED 4451.95

### CERTIFICATE

THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM  
 FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER  
 MY SUPERVISION, AND THAT THE SAME ARE TRUE AND  
 CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

\_\_\_\_\_  
 RYAN W. SAVAGE DATE



### BASIS OF BEARING

BASIS OF BEARING USED WAS N89°55'06"W BETWEEN THE NORTHEAST CORNER  
 AND THE NORTH 1/4 CORNERS OF SECTION 36 T.22 S., R.16 E., S.L.B. & M.

WELL LATITUDE: 38°51'33.355"N OR 38.559265  
 WELL LONGITUDE: 110°06'22.327"W OR -110.106202

### Savage Surveying, INC.

Ryan W. Savage, PLS  
 P.O. Box 892  
 275 S. 100 W  
 Riverton, UT 84701  
 Home #35-896-8635  
 Fax: 35-896-8635  
 Cell: 435-206-1345



### WELL LOCATION PLAT FOR

**DELTA PETROLEUM CORPORATION**

DESIGNED BY:	SURVEYED BY:	CHECKED BY:	SCALE	DATE	PROJECT NUMBER	SHEET NUMBER
T.M.	T.K.S.	R.W.S.	1" = 1000'	1-25-08	0702-0165	1

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325
2. NAME OF OPERATOR: Delta Petroleum Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 370 17th Street, #4300 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: NA
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,025' FNL & 2,290' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E		8. WELL NAME and NUMBER: Greentown State #31-362216C
		9. API NUMBER: 4301931569
		10. FIELD AND POOL, OR WILDCAT: Wildcat
		COUNTY: Grand
		STATE: UTAH

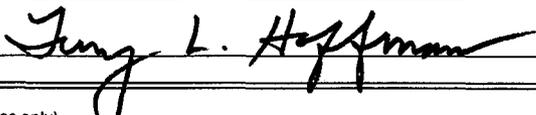
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Weekly Well History</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**Tight Hole Status**

See attached Weekly Well History from 3/20/2008 - 4/10/2008  
Current Status: Drilling

NAME (PLEASE PRINT) <u>Terry Hoffman</u>	TITLE <u>Regulatory Manager</u>
SIGNATURE 	DATE <u>4/10/2008</u>

(This space for State use only)

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APR 11 2008

DIV. OF OIL, GAS & MINING

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/20/2008	Days From Spud :	46	Current Depth :	7923 Ft	24 Hr. Footage Made :	373 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	02	Drlg f/ 7550 to 7642	7550	7642	11
11:00	0.50	07	Service Rig	7642	7642	NIH
11:30	9.50	02	Drlg f/ 7642 to 7797	7642	7797	11
21:00	0.50	07	Service Rig	7797	7797	NIH
21:30	8.50	02	Drlg f/ 7797 to 7923	7797	7923	11
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7797	21:30	13.90	13.90	44	22	12	7/12/15	7.8	7.8	2	32.00	0.2%	0.1%	63.9%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	11000	40690	1326	0.00	7.30	1	291	0.00	84/16	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	14.4	96												

**Daily Summary**

Activity Date :	3/21/2008	Days From Spud :	47	Current Depth :	8254 Ft	24 Hr. Footage Made :	331 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	9.00	02	Drlg f/ 7923 to 8172	7923	8172	11
15:00	0.50	07	Service rig	8172	8172	NIH
15:30	2.50	02	Drlg f/ 8172 to 8197 (pk up to chg pumps, tight hole)	8172	8197	11
18:00	2.00	22	Work tight hole came free, ream hole good	8172	8172	NIH
20:00	8.00	02	Drlg f/ 8197 to 8245 (ream after each conn., work pipe)	8197	8254	11
4:00	0.50	05	Build slug	8254	8254	NIH
4:30	1.50	06	TOH	8254	8254	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
8210	22:30	13.80	13.80	44	21	12	6/12/15	7.8	7.8	2	32.00	25.0%	11.0%	63.9%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	11000	40690	1326	0.00	7.10	1	291	0.00	85/15	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	14.3	100												

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/22/2008	Days From Spud :	48	Current Depth :	8290 Ft	24 Hr. Footage Made :	49 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.50	06	TOH, change bits, versitrak	8254	8254	NIH
12:30	6.00	06	TIH , fill @ shoe, 5515	8254	8254	NIH
18:30	1.00	03	TIH ream @ 6800 to 6893	8254	8254	NIH
19:30	1.50	03	TIH ream @ 7400 to 7524 (shale sloughing)	8254	8254	NIH
21:00	4.00	03	TIH ream@ 7932 to 8254	8254	8254	NIH
1:00	2.00	02	Drig f/ 8254 to 8267	8254	8267	12
3:00	0.50	07	Service rig	8254	8254	NIH
3:30	2.50	02	Drig f/ 8267 to 8290	8254	8290	12
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
8254	22:30	14.00	13.80	47	21	14	6/12/15	7.8	7.8	2	32.00	25.0%	11.0%	0.6%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	33000	40690	1326	0.00	7.10	1	319496	0.00	5/95	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	14.4	100												

**Daily Summary**

Activity Date :	3/23/2008	Days From Spud :	49	Current Depth :	8682 Ft	24 Hr. Footage Made :	392 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.00	02	Drig f/ 8290 to 8425	8290	8425	12
12:00	1.00	03	Work tight hole, wash and ream f/ 8393 to 8425	8425	8425	NIH
13:00	0.50	07	Service rig	8425	8425	NIH
13:30	12.00	02	Drig f/ 8425 to 8642	8425	8642	12
1:30	0.50	07	Service rig	8642	8642	NIH
2:00	4.00	02	Drig f/ 8642 to 8682	8642	8682	12
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
8290	22:30	14.20	14.20	48	21	14	6/12/15	7.8	7.8	2	32.00	0.2%	0.1%	0.6%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	33000	40690	1326	0.00	7.10	1	304686	0.00	87/13	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	14.4	100												

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/24/2008	Days From Spud :	50	Current Depth :	8919 Ft	24 Hr. Footage Made :	237 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	02	Drig f/ 8682 to 8720	8682	8720	12
7:30	2.50	22	Got tight picking up to ream,pump mica pill, work free, ream f/ 8674	8720	8720	NIH
10:00	2.50	02	Drig f/ 8720 to 8767	8720	8767	12
12:30	0.50	07	Service rig	8767	8767	NIH
13:00	13.50	02	Drig f/ 8767 to 8891	8767	8891	12
2:30	0.50	07	Service rig	8891	8891	NIH
3:00	3.00	02	Drig f/ 8891 to 8919	8891	8919	12
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
8843	22:30	14.10	14.20	47	26	11	5/12/16	7.5	7.5	2	32.00	0.2%	0.1%	0.6%	0.2%
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	33000	40690	1326	0.00	7.10	1	304686	0.00	87/13	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	14.6	100												

**Daily Summary**

Activity Date :	3/25/2008	Days From Spud :	51	Current Depth :	9016 Ft	24 Hr. Footage Made :	97 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Pinkerton Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.00	02	Drig f/ 8919 to 8970 Gain in pit	8919	8970	12
12:00	2.00	22	Shut in well (15bbl gain)100psi sidpp wt in 14.1 out 13.8. Circ 14.4	8970	8970	NIH
14:00	1.50	22	Wt up to 14.8in out 14.1, circ around. Check flow, none, no gas. Open well	8970	8970	NIH
15:30	5.50	02	Drig f/ 8970 to 9016 slowed to 6'hr press. Spiking	8970	9016	12
21:00	1.00	05	Mix slug and pump	9016	9016	NIH
22:00	8.00	06	TOH,-monitor returns-lay dn. Vertittrak, bit	9016	9016	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
8919	22:30	14.80	14.70	47	26	11	5/12/16	7.5	7.5	2	32.00	0.2%	0.1%	0.6%	0.2%
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	33000	40690	1326	0.00	7.10	1	304686	0.00	87/13	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	14.6	100												

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/26/2008	Days From Spud :	52	Current Depth :	9016 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Pinkerton Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	06	Lay dn vertitrak, bit	9016	9016	NIH
7:30	4.00	06	TIH w/ r# 7 bit(tricone) to shoe, fill pipe	9016	9016	NIH
11:30	2.00	09	Slip and cut drlg line 145'	9016	9016	NIH
13:30	2.00	06	TIH to 8955, fill pipe c/o to 9001'	9016	9016	NIH
15:30	0.50	03	Clean out 10' fill to 9016	9016	9016	NIH
16:00	1.50	05	Circ. For logs	9016	9016	NIH
17:30	5.00	06	TOH	9016	9016	NIH
22:30	0.50	11	Rig HES loggers	9016	9016	NIH
23:00	7.00	11	Run HRI, WS XD log-(logger depth 9012')	9016	9016	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9016	22:30	14.80	14.70	47	26	11	5/12/16	7.5	7.5	2	32.00	0.2%	0.1%	0.6%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	33000	40690	1326	0.00	7.10	1	304686	0.00	87/13	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	14.6	100												

**Daily Summary**

Activity Date :	3/27/2008	Days From Spud :	53	Current Depth :	9016 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Pinkerton Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.50	11	Run triple combo-HRI, WS, XD	9016	9016	NIH
8:30	5.50	11	POR,RSCT,OMI	9016	9016	NIH
14:00	5.50	11	Core Run #1	9016	9016	NIH
19:30	6.50	11	Core Run #2	9016	9016	NIH
2:00	4.00	11	Core run #3 Total cut 4 recovered out of 25 cut	9016	9016	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9016	22:30	14.80	14.70	52	26	11	5/12/16	7.5	7.5	2	32.00	28.0%	0.1%	0.6%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	33000	40690	1326	0.00	7.10	1	304686	0.00	87/13	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	14.8	100												

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/28/2008	Days From Spud :	54	Current Depth :	9016 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Pinkerton Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	11	Run sidewall cores, 30 runs, 9 recovered-Rig down	9016	9016	NIH
9:00	1.50	22	ID wiper was stuck in D.C.'s , remove, unplug	9016	9016	NIH
10:30	5.50	06	TIH to 5200 circ.	9016	9016	NIH
16:00	1.00	06	TIH to 7000	9016	9016	NIH
17:00	2.00	05	Circ. Gas,	9016	9016	NIH
19:00	1.00	06	TIH to 9016	9016	9016	NIH
20:00	5.50	05	Circ. Gas, circ. f/ lay dn d.p., csg	9016	9016	NIH
1:30	1.50	05	Rig Frank's lay dn machine. Pump 18# 55bbl slug. Displace out bit w/ 1514 stks.(151bbls.)	9016	9016	NIH
3:00	3.00	06	lay down d.p.	9016	9016	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9016	22:30	14.80	14.70	52	26	11	5/12/16	7.5	7.5	2	32.00	28.0%	0.1%	0.6%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	33000	40690	1326	0.00	7.10	1	304686	0.00	87/13	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	14.8	100												

**Daily Summary**

Activity Date :	3/29/2008	Days From Spud :	55	Current Depth :	9016 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Pinkerton Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	9.00	06	Lay down drill pipe,break kelly, lay dn. d.c.'s	9016	9016	NIH
15:00	1.00	22	Pull wear bushing	9016	9016	NIH
16:00	5.00	12	Rig casing crew,fill tool, hold safety meeting	9016	9016	NIH
21:00	9.00	12	Run casing,special care f/ Q-125, ANJO pipe 3jts p/hr 82 jts run @ 0600(4 more q-125)	9016	9016	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9016	22:30	14.80	14.70	52	26	11	5/12/16	7.5	7.5	2	32.00	28.0%	0.1%	0.6%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	33000	40690	1326	0.00	7.10	1	304686	0.00	87/13	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	14.8	100												

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/30/2008	Days From Spud :	56	Current Depth :	9016 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Pinkerton Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.50	12	Run casing, using circ. Tool	9016	9016	NIH
10:30	1.50	05	Circ, install R.H. rubber	9016	9016	NIH
12:00	2.00	12	Runcasing to 7150	9016	9016	NIH
14:00	1.00	05	Circ 950u gas	9016	9016	NIH
15:00	2.50	12	Run casing tag @ 9010, circ.	9016	9016	NIH
17:30	1.50	05	Circ. Rig dn caser's (1100u gas)	9016	9016	NIH
19:00	4.00	12	Cement 7" csg	9016	9016	NIH
23:00	1.00	12	Rig dn cementer's	9016	9016	NIH
0:00	4.00	14	Nipple dn. BOP,	9016	9016	NIH
4:00	2.00	14	Rig H&N, raise stack set slips w/ 190k	9016	9016	NIH
Total:		24.00				

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9016	22:30	14.80	14.70	52	26	11	5/12/16	7.5	7.5	2	32.00	28.0%	0.1%	0.6%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	33000	40690	1326	0.00	7.10	1	304686	0.00	87/13	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	14.8	100												

**Daily Summary**

Activity Date :	3/31/2008	Days From Spud :	57	Current Depth :	9016 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Pinkerton Trail			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	14	Cold cut 7", nipp up c- section, test to 6000psi	9016	9016	NIH
18:00	4.00	14	Nipple up BOP stack remove rot head, need shorty due to clearance( added 31" w/ c section)	9016	9016	NIH
22:00	8.00	14	Change out upper and lower pipe rams, extend choke. Unload and stack 4" tools,.	9016	9016	NIH
Total:		24.00				

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9016	22:30	14.80	14.70	52	26	11	5/12/16	7.5	7.5	2	32.00	28.0%	0.1%	0.6%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.80	1.00	0.80	3.00	33000	40690	1326	0.00	7.10	1	304686	0.00	87/13	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
12	0.0	14.8	100												

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	4/1/2008	Days From Spud :	58	Current Depth :	9016 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	13.00	14	Change pipe rams set in Rot. Head, Fabricate new flowline, strap BHA, Pick up New kelly and Prepare for BOPE test.	9016	9016	NIH
19:00	1.00	22	Install rathole sock, Rig up BOP Testers (H&N Gold Field services)	9016	9016	NIH
20:00	10.00	15	Test BOPE to 10M specifications	9016	9016	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9016	22:00	14.90	0.00	59	32	14	7/15/25		7.8		2.00	29.0%	8.0%	63.0%	
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0					28000	43820	980	7.50	9.70	353901		0.00	89/11	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	0.0	96												

**Daily Summary**

Activity Date :	4/2/2008	Days From Spud :	59	Current Depth :	9016 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Pinkerton Trail			Weather:	Breezy and cool.		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.50	22	While testing Choke manifold A threaded nipple blew up Under 9700 PSI on choke Manifold/ Wait for welder to Arive with weld on fittings and rebuild Pressure gauge assembly on choke manifold./ Clean up and weld out Fittings on the Choke manifold.	9016	9016	NIH
13:30	4.50	15	Test BOPE to 10M Spacifications as Follows: Upper and Lower Pipe Rams, Blind Rams, Choke and Kill Lines and valves, Inside BOP valve, Full open safety valve, Uper and Lower Kelly valve, All tested to 250 Psi low for 5 minutes and then 10000 high for 10 minutes. Tested hydrill to 250psi Low and 5000 psi high for 10 minutes. Tested casing to 250 psi for 5 min. then 1500 for 30 minutes. Tested by: H&N Gold field service.	9016	9016	NIH
18:00	1.50	22	Safety training For H2S Safety with rig crews, while BOP testers test Stand pipe back to Mud pumps to 3500 PSI.	9016	9016	NIH
19:30	8.00	23	Prepare to pick up Slim hole drill string / Rig up Smith EZ-Torque and Weatherford TRS Lay down Machine to pick up BHA and drill Pipe./ Rack tally Drill pipe.	9016	9016	NIH
3:30	2.50	06	Make up Bit, Pick up Mud motor, sabilisers and BHA, Followed by Drill pipe.	9016	9016	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9016	21:00	14.90	0.00	60	34	14	7/15/25		77.0		2.00	29.0%	8.0%	63.0%	
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0					28000	43820	980	7.50	9.70	353901		0.00	89/11	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	0.0	95												

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	4/3/2008	Days From Spud :	60	Current Depth :	9016 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:	Cool and Calm		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	22	Work on Pipe Spinners	9016	9016	14
7:00	9.50	06	Pick up 4 3/4" BHA and 4" Drill pipe and run in hole.	9016	9016	14
16:30	6.50	08	Rig Repairs / Repair draw works and Compound lubrication system.	9016	9016	14
23:00	5.00	06	Pick Up Slim hole Drill String to Run in hole. 8934'	9016	9016	14
4:00	2.00	05	Condition Mud and Circulate Reduce mud weight to 9.5 ppg.	9016	9016	14
Total:		24.00				

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9016	19:30	14.90	0.00	60	31	15	7/15/25		7.9		2.00	29.0%	8.0%	63.0%	
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0					28000	43820	980	7.50	9.70	353901		0.00	89/11	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	0.0	95												

**Daily Summary**

Activity Date :	4/4/2008	Days From Spud :	61	Current Depth :	9016 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:	col in the mornings wile fair and breezy in the afternoon a		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	05	Circulate and condition Mud Started with 917 bbls. (minimum circulatable volume in pits is 655 bbls.) of 14.9 ppg then added deiseland emulsifiers to cut mud weight back. We have mixed approx 900 bbls of diesel and running centerfudge to cut weight as well.	9016	9016	14

Total: 24.00

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9016	5:30	12.00	0.00				//								
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							400					0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	0.0		No data Available.											

**Daily Summary**

Activity Date :	4/5/2008	Days From Spud :	62	Current Depth :	9016 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	23.00	05	Condition mud and Circulate, bring mud weight down to 9.5 ppg then treat mud.	9016	9016	14
5:00	1.00	06	Trip out of hole to pick up tubing string.	9016	9016	14
Total:		24.00				

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9016	5:30	9.50	0.00	46			//								
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							567		5.70			0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	0.0		No data Available.											

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	4/6/2008	Days From Spud :	63	Current Depth :	9016 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	05	pull out of hole with drill string	9016	9016	14
8:00	0.50	14	Pull rptating head ruber	9016	9016	14
8:30	1.50	06	Continue to Pull out of hole / Break bit and mud motor.	9016	9016	14
10:00	1.50	22	Rig up Laydown machine and tongs to pick up and run 2 7/8" tubing	9016	9016	NIH
11:30	6.50	22	Wait on a Set of Elevator links to be trucked out from grand junction the rigs Bails Are to big for the tubing elevators.	9016	9016	NIH
18:00	12.00	06	Pick up 2 7/8" L-80 Tubing from rack and run in hole/ picked up 245 joints.	9016	9016	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9016	9:00	9.40	0.00	39	16	5	3/5/7		12.9		2.00	10.0%	14.0%	76.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					32000	263468	848	6.90	8.90			0.00	84/16	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	0.0	72												

**Daily Summary**

Activity Date :	4/7/2008	Days From Spud :	64	Current Depth :	9020 Ft	24 Hr. Footage Made :	4 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Pinkerton Trail			Weather:	Rain and cool		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	06	Continue Picking up tubing	9016	9016	NIH
7:00	0.50	22	Rig down Lay down machine	9016	9016	NIH
7:30	8.50	06	Trip out of hole stand tubing in left side of derrick.	9016	9016	NIH
16:00	1.50	22	Rig down Tubing tongs / clean rig floor.	9016	9016	NIH
17:30	2.00	06	Pick up bit and motor / pick up jars and trip in BHA	9016	9016	15
19:30	0.50	14	Install rotating head.	9016	9016	15
20:00	3.50	06	Trip in hole to 8937' tag cement.	9016	9016	15
23:30	0.50	05	Kelly up fill pipe break circulation	9016	9016	15
0:00	2.00	22	Drilled cement from 8937 to 9015' drilled plug float cement and shoe tract.	9016	9016	15
2:00	0.50	02	Drilling from 9015' to 9020' with Mud motor and tricone bit.	9016	9020	15
2:30	1.00	05	Circulate and prepare to cut drilling line.	9020	9020	15
3:30	1.50	09	Slip and Clip 91' of drilling line	9020	9020	15
5:00	1.00	05	Circulate and rig up Tester for FIT test to 12 ppg.	9020	9020	15
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9016	9:00	9.40	0.00	39	16	5	3/5/7		12.9		2.00	10.0%	14.0%	76.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					32000	263468	848	6.90	8.90			0.00	84/16	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	0.0	72												

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	4/8/2008	Days From Spud :	65	Current Depth :	9109 Ft	24 Hr. Footage Made :	89 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Mississippian			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	05	Circulate and condition while rigging up tester to Choke manifold	9020	9020	15
6:30	1.50	15	Conduct formation integrity test to 12 ppg equivalent. With 9.5 ppg mud and 1175 Psi	9020	9020	15
8:00	9.00	02	Drilling from 9020' to 9109' @ 9.9 FPH	9020	9109	15
17:00	2.00	05	Circulate bottoms up to look at samples, and make call about testing	9109	9109	15
19:00	5.00	06	Pull out of hole with the drill string.	9109	9109	15
0:00	3.00	14	Change out Upper Pipe rams to 2 7/8"	9109	9109	NIH
3:00	3.00	15	Pressure test Top Pipe rams to 10000 Psi.	9109	9109	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9020	9:00	9.50	0.00	43	16	5	3/5/7		12.9		2.00	10.0%	14.0%	76.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					32000	263468	848	6.90	8.90			0.00	84/16	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	0.0	72												

**Daily Summary**

Activity Date :	4/9/2008	Days From Spud :	66	Current Depth :	9109 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Mississippian			Weather:	Gentle breeze		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	06	Safety Meeting with Baker Packer hand and Weatherford TRS then Trip in hole with Packer and 2 7/8" Tubing to 8950' fill tubing with Diesel.	9109	9109	NIH
18:00	2.50	22	Set Packer pressure test annulus To 750 psi to ensure packer is set then Pressure up on tubing to 2600 psi to Blow out wireline entry valve (saw pressure drop then increase to 3800 psi hole taking fluids Pressure drop 200 psi per minute into formation.	9109	9109	NIH
20:30	1.00	22	Rig up Fessco Flow testers.	9109	9109	NIH
21:30	8.50	22	Open well to flow back treater, No Flow, Waiting for Nitrogen truck.	9109	9109	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9109	9:00	9.50	0.00	43	16	5	3/5/7		12.9		2.00	10.0%	14.0%	76.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					32000	263468	848	6.90	8.90			0.00	84/16	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	0.0	72												

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporatio	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	4/10/2008	Days From Spud :	67	Current Depth :	9109 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS		Rig Name:	DHS #1			
Formation :	Mississippian		Weather:	Cold night.			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	13.50	22	Tubing open to Fesco flow testers try to flow well no returns present./ Wait on Nitrogen truck from BJ Coiltech./ truck arrived at 18:15 BJ ste safety oriented by Andy Hill with American Safety./ held Safety meeting with all personell and explained operation.	9109	9109	NIH
19:30	2.50	23	Hook Nitrogen up to tubing pressure test to 1500 psi Continue to pressure up and force displacement of tubing down to 8150' with 49000 scf of nitrogen at 4650 Psi, Fluid displaced was 47bbls.	9109	9109	NIH
22:00	1.00	22	Flow tubing to Fesco Manifold / bleed off Nitrogen Head, No flow.	9109	9109	NIH
23:00	4.50	23	Attempt to unseat packer with no success, To much differential on packer. Hook up nitrogen and Pressure upto 3800 Psi to reduce differential to 800 psi. Unseat Packer, Flow tubing to Fesco. Allow annulas to U-Tube Up tubing and Keep annulas full with Rig pump. Revese out 48 bbls then reseal Packer.	9109	9109	NIH
3:30	2.50	22	Flow back Tubing to Fesco take samples of fluid from the 18 bbls made while flowing samples are 90% diesel 2% solids and 8 % water. The water has salinity of 278,000 to 280,000 ppm clorides with no presents of calcium therfore the water is not associated with water in Oil based mud. / Well Stopped flowing at approx 04:30	9109	9109	NIH

Total:	24.00	
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**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9109	9:00	9.50	0.00	43	16	5	3/5/7		12.9		2.00	10.0%	14.0%	76.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					32000	263468	848	6.90	8.90			0.00	84/16	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	0.0	72												

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Formation**

Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments
Wingate	0	0	989	0	
White Rim	0	0	2637	0	
Shinarump	0	0	1608	0	
Pinkerton Trail	0	0	8837	0	
Paradox Salt	0	0	5537	0	
Navajo	0	0	484	0	
orrison-Salt Wash m	0	0	0	0	
Moenkopi	0	0	1763	0	
Kayenta	0	0	894	0	
Honaker Trail	0	0	3253	0	
Entrada	0	0	85	0	
Cutler	0	0	2945	0	
Chinle	0	0	1358	0	
Carmel	0	0	337	0	
	0	0	0	0	

**Casing**

DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
2/5/2008	988.62	24	3. Surface	13.375	54.5	J-55	0	17.5	988
Stage: 1, Spacer, 0, 0, 40 bbl Gel water flush 15 ppb gel, Artic, 0, 0									
Stage: 1, Lead, 0, 200, Versacem, Lightweight, 2.57, 12									
Stage: 1, Tail, 0, 390, Type 1-2, Class A, 1.82, 13.5									
Stage: 1, Displacement, 142, 0, fresh water, , 0, 0									
2/16/2008	5575.96	138	4. Intermediate	0	0		0	12.25	5540
Stage: 1, Lead, 0, 965, Elastiseal,, Class G, 1.56, 8.33									
Stage: 1, Tail, 0, 337, Halcem, Class G, 1.25, 15.8									
Stage: 1, Top Out, 0, 200,, Class G, 1.17, 15.8									
3/29/2008	9010.97	206	5. Production	7	35		0	8.5	9016
Stage: 1, Tail, 0, 850, .125lbm poly-e-flake,.3%hr-5,.15%hr25,6%welllife665, .2%halad@-344,.3%d-air3000,18%salt, Class G, 1.3, 15.5									

**From:** "Terry Hoffman" <Terry@deltapetro.com>  
**To:** <dustindoucet@utah.gov>  
**Date:** 04/16/2008 7:56 AM  
**Subject:** FW: Darth Vader Scan  
**Attachments:** SKMBT\_C55008041606480.pdf

**CC:** "Ron Schuyler" <rschuyler@deltapetro.com>  
Dustin I have sent you a revised Drilling Plan & Wellbore schematic per your conversation with Ron Schuyler on Monday. I will send a new survey plat with the complete packet. The revised survey plat will be 660' FEL instead of 650'. Please get in touch with Ron if you have any questions.

Terry Hoffman

*Kate Shirley look over for Terry  
Ron Schuyler - send email  
Dustin talked w/ Ron & another  
Engineer on 4/15*

Terry L. Hoffman  
Regulatory Manager

Delta Petroleum Corporation  
370 17th Street, Suite 4300  
Denver, CO 80202  
Direct Phone: (303)575-0323  
Cell Phone: (303)250-0619  
Fax: (303)575-0471

-----Original Message-----

From: darthvader@deltapetro.com [mailto:darthvader@deltapetro.com]  
Sent: Wednesday, April 16, 2008 7:49 AM  
To: Terry Hoffman  
Subject: Darth Vader Scan

Darth Vader Has completed the scan from the dark side.

This email and any attachments are confidential and intended solely for the use of the individual or entity to whom this email is addressed. If you have received this email in error please notify the sender immediately by email and delete this email from your system. If you are not the intended recipient, you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this communication is strictly prohibited.

WARNING: Although the Company has taken reasonable precautions to ensure that no viruses are present in this email, the Company cannot accept responsibility for any loss or damage arising from the use of this email or attachments.

Delta Petroleum Corporation, 370 17th Street, Suite #4300, Denver, CO 80202 www.deltapetro.com

April 29, 2008

United States Department of Interior  
Bureau of Land Management  
State of Utah

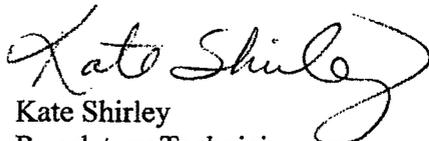
RE: Designated Agent

To Whom It May Concern:

By this letter I, Kate Shirley, as designated agent for Delta Petroleum Corporation do hereby authorize Western Land Services, Inc. and its representatives to receive direct communication for and from certain environmental contractors, Federal, State and local agencies within the State of Utah. Western Land Services, as receiving and delivery agent may be provided with proprietary information for the benefit of and delivery to Delta Petroleum Corporation.

If you have any questions or concerns, please feel free to contact me at 303-575-0397, or via e-mail at [kshirley@deltapetro.com](mailto:kshirley@deltapetro.com). I thank you in advance for your cooperation.

Sincerely,  
Delta Petroleum Corporation

  
Kate Shirley  
Regulatory Technician

April 29, 2008

United States Department of Interior  
Bureau of Land Management  
State of Utah

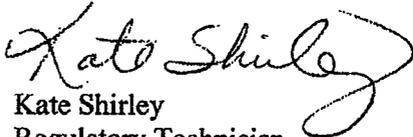
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If you have any questions or concerns, please feel free to contact me at 303-575-0397, or via e-mail at [kshirley@deltapetro.com](mailto:kshirley@deltapetro.com). I thank you in advance for your cooperation.

Sincerely,  
Delta Petroleum Corporation

  
Kate Shirley  
Regulatory Technician

**CONFIDENTIAL**

Well name:	<b>2008-05 Delta Greentown ST 31-362216F</b>
Operator:	<b>Delta Petroleum Corporation</b>
String type:	<b>Production Liner</b>
Location:	<b>Grand County</b>
	Project ID: <b>43-019-31569</b>

**Design parameters:**

**Collapse**  
Mud weight: 14.500 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**  
Design factor 1.125

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 186 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

**Burst**

Max anticipated surface pressure: 4,613 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 6,516 psi

**Burst:**

Design factor 1.00

Cement top: 8,290 ft

Liner top: 8,290 ft

**Directional Info - Build & Hold**

Kick-off point 8300 ft  
Departure at shoe: 286 ft  
Maximum dogleg: 20 °/100ft  
Inclination at shoe: 89.9 °

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 8,599 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	513	4.5	15.10	P-110	LT&C	8650	8813	3.701	41
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6516	13470	2.067	6516	14420	2.21	4	406	98.48 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

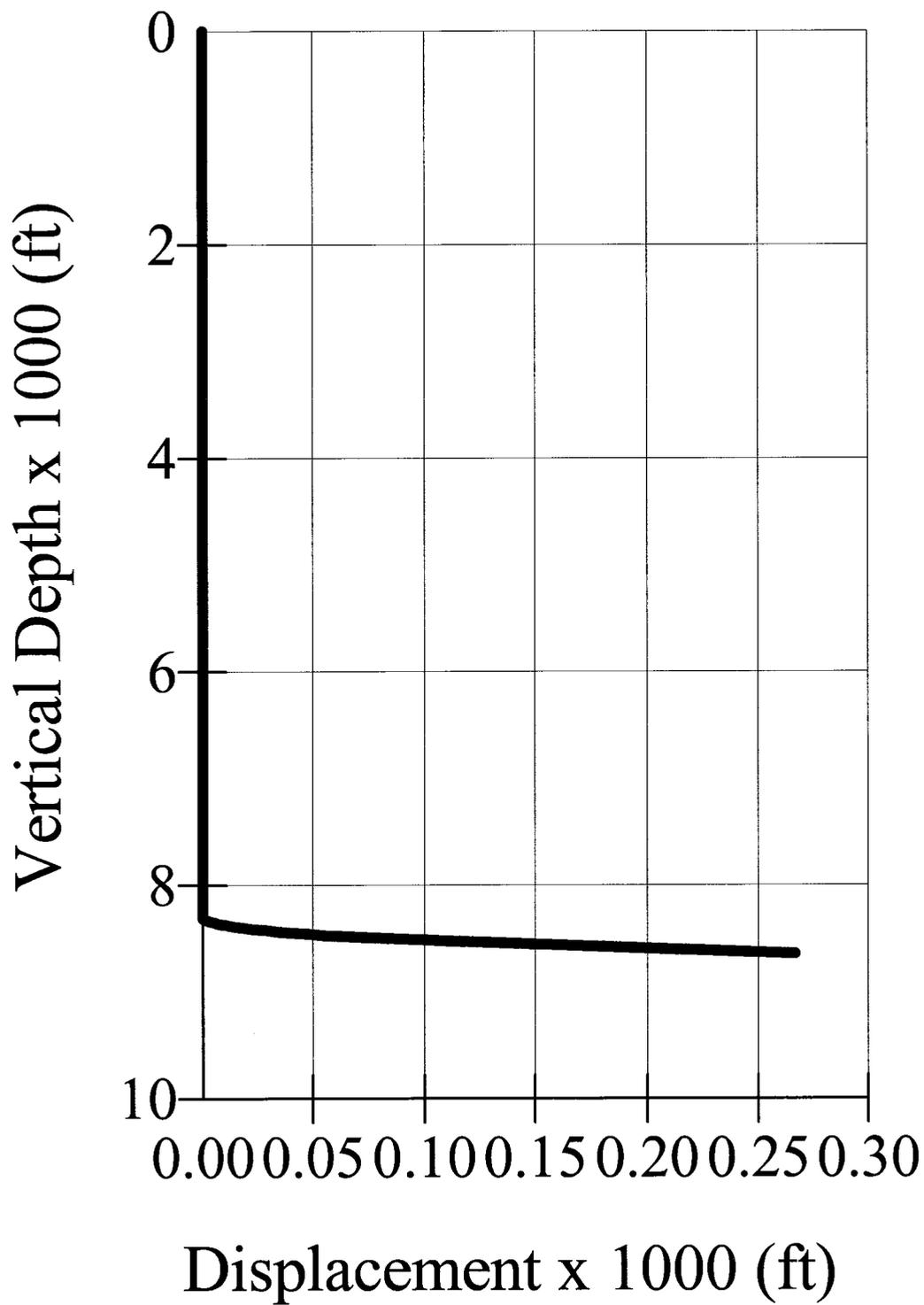
Phone: 801-538-5357  
FAX: 810-359-3940

Date: May 29, 2008  
Salt Lake City, Utah

Remarks:  
For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 8650 ft, a mud weight of 14.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.  
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

*Engineering responsibility for use of this design will be that of the purchaser.*



**CONFIDENTIAL**

5. LEASE REGISTRATION AND SERIAL NUMBER:  
ML 50325

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
2. NAME OF OPERATOR: Delta Petroleum Corporation, Attn. Kate Shirley		7. UNIT or CA AGREEMENT NAME: NA
3. ADDRESS OF OPERATOR: 370 17th St. Suite 4300 CITY Denver STATE CO ZIP 80202		8. WELL NAME and NUMBER: Greentown State 31-362216C
PHONE NUMBER: (303) 575-0397		9. API NUMBER: 4301931569
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,025' FNL & 2,290' FEL COUNTY: Grand		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTRQTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input checked="" type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Convert to horizontal well</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**Tight Hole Status**

The proposed name change is Greentown State 31-362216H

Delta is proposing to convert the existing well to a horizontal drilled well. Attached is the revised Drilling Plan, the wellbore schematic, directional drilling plan and plat showing the surface and bottom hole locations.

*in well file?*

*BHL 2300 FSL 6660' FEL NESE*

*578279X*

*43007084*

*38.853585*

*-110.097884*

NAME (PLEASE PRINT) <u>Glen T. Nebeker</u>	TITLE <u>NEPA Specialist/Project Manager</u>
SIGNATURE <i>Glen T. Nebeker</i>	DATE <u>4-30-08</u>

## **DRILLING PROGRAM**

### **TIGHT HOLE STATUS**

Delta Petroleum Corporation  
**Greentown State #31-362216HR**  
NWNE 1025' FNL & 2290' FEL  
Section 36-T22S-R16E  
Grand County, Utah  
**Revised: 04/10/08**

#### 1. The Geologic Surface Formation

	<u>TVD</u>	<u>Subsea</u>
Morrison-Salt Wash	0'	4387'

#### 2. Estimated Tops of Important Geologic Markers

	<u>TVD</u>	<u>Subsea</u>
"O" Zone	8,194'	-3,807'
Cane Creek	8,602'	-4215'
Total Depth	8,602' / 11074 MD -8602'	

#### 3. Projected Gas & Water Zones

		<u>TVD</u>	<u>Subsea</u>
"O" Zone	Oil/Gas	8,194'	-3,807'
"Cane Creek"	Oil/Gas	8,602'	-4,215'

G,O & W = Primary; g,o & w = Secondary

#### 4) The Proposed Casing and Cementing Programs

##### Casing Program

<u>Hole Size</u>	<u>Setting Depth</u>	<u>Size (OD)</u>	<u>Weight, Grade &amp; Joint</u>	<u>Condition</u>
5 7/8"	11,074	4-1/2"	15.1#, P-110, LTC	New

##### Cement Program

##### Production Liner:

Tail: 200 sxs Class "G"  
Weight: 15 #/gal  
Yield: 1.2 cu. ft/sk

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

**Basin Information**

Greentown State #36-11 NWNW of Section 36-T21S-R16E: Drilling to a depth of 6,011' normal pressure gradients were seen (MW of 10.2 ppg or 0.53 psi/ft). At 6,011' a clastic break was drilled which required MW of 12.5 ppg or 0.65 psi/ft to control permeable gas.

Greentown State #32-42 SENE of Section 32-T22S-R17E: Drilling to a depth of 5,600' normal pressure gradients were seen (MW of 10.2 ppg or 0.53 psi/ft). After 5,600' a clastic break was drilled which required MW of 11.2 ppg or 0.58 psi/ft to control permeable gas. Another clastic break was drilled @ 7,710' which required MW of 12.7 ppg or 0.66 psi/ft. A clastic break was again drilled at 8,552' which required MW of 13.4 ppg or 0.70 psi/ft.

As a result of the knowledge and experience gained from the drilling of these two wells Delta has changed well construction plans for this well. The Drilling Plan now reflects and is based on maximum MW of 14.5 ppg. This will require pressure equipment which will be rated and tested to 10,000 psi.

BOP Equipment is as follows:

13" 10M BOP w/rotating head, 5M annular, 4-1/2" rams, blind rams & mud cross from 8602'- TD

Attached is a schematic diagram for the 10M Blowout Preventer Equipment

6. The Type and Characteristics of the Proposed Circulating Muds

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Vis</u>	<u>Water Loss</u>
8,602' - 11074	OBM	+/-14.5	+/-45	+/-10

7. The Testing, Logging and Coring Programs is as followed

No abnormal temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 6265 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations: April 14, 2008

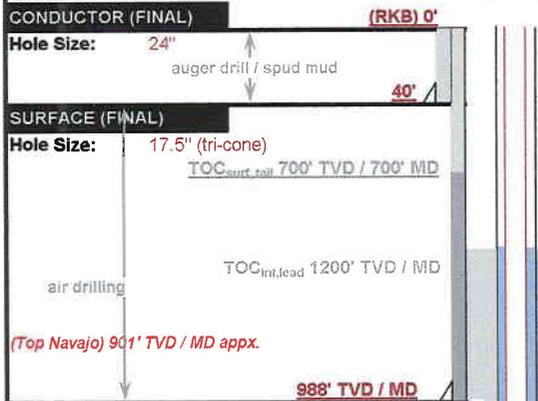
Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

**GREENTOWN STATE 31-362216**  
**(Re-enter as-built Vert Well / Drill Horizontal Leg)**  
**Grand County, Utah**

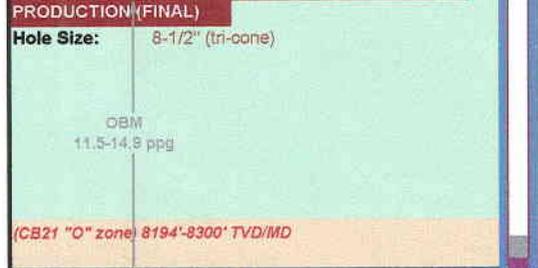
Rev 1 / 041108 / AR



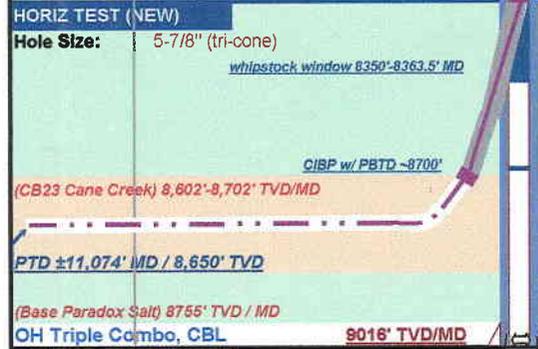
<b>CONDUCTOR (FINAL)</b>	(RKB) 0'	4360' GL + 27' Sub (DHS #1)	(13-5/8" 5M x 13-3/8" SOW csg head)
<b>Hole Size:</b>	24"	<b>Casing:</b>	±40', 20", 104 ppf, 19.0" ID, butt weld (bbl/ft: 0.3507 csg / 0.0710 OH ann)
	↑ auger drill / spud mud ↓	<b>Cement:</b>	(est. 50% OH excess) 4.26 bbl / 1.0 yd <sup>3</sup> of 3500 psi Redi-Mix, furnished w/ conductor pipe
<b>SURFACE (FINAL)</b>	40'	<b>TOC:</b>	1" or grout to surface
<b>Hole Size:</b>	17.5" (tri-cone)	<b>Casing:</b>	±988', 13-3/8" 54.5 ppf J55 BTC (bbl/ft- 0.1546 csg vol / 0.1237 OH ann vol / 0.1769 CH ann vol)
	↑ TOC_surr_top 700' TVD / 700' MD ↓	<b>Cmt Lead:</b>	(738') (100% OH excess) 390 sx Versacem, 2.53 yld, 12 ppg slurry 24 / 72 hr compressive strength (est. 80°F): 400 / 800 psi
	air drilling	<b>Cmt Tail:</b>	(250') (100% OH excess) 200 sx Versacem, 1.80 yld, 13.5 ppg slurry 24 / 72 hr compressive strength (est. 80°F): 1000 / 2000 psi
	TOC_int_lead 1200' TVD / MD	<b>TOC:</b>	0
	(Top Navajo) 901' TVD / MD approx.	<b>Csg. Test:</b>	1000 psi / 10 min
	988' TVD / MD	<b>FIT / LOT:</b>	10.0 ppg EMW (if breakdown occurs, shut down pumps and record final pressure)
		<b>Notes:</b>	1. bowspring centralizers spaced every 160' / 4th jt, from shoe to surface



<b>INTERMEDIATE (FINAL)</b>		<b>Casing:</b>	±5,415', 9-5/8" 43.5 ppf P110 LTC (bbl/ft- 0.0748 csg vol / 0.0558 OH ann vol / 0.02467 CH ann vol)
<b>Hole Size:</b>	12-1/4"	<b>Cmt Lead:</b>	3675' (est. 15% over caliper excess) 965 sx Nitrogen foamed G, 1.56 yld, 13.1 ppg slurry
	↑ 8.5-9.0 ppg WBM ↓	<b>Cmt Tail:</b>	(1540') (15% over caliper excess) 337 sx Neat G, 1.25 yld, 15.8 ppg slurry 24 hr compressive strength (est. 150°F): 3000 psi
	TOC_crt_tail 4000' TVD / MD	<b>TOC:</b>	±4000' tail / 0' lead TVD / MD
	(Top White Rim) 2936' TVD / MD	<b>Csg. Test:</b>	1500 psi / 15 min (chart record results)
	TOC_prod_tail 4900' TVD / MD	<b>FIT / LOT:</b>	15.5 EMW chart record 15 min (if breakdown occurs, shut down pumps and record final pressure)
	±5,415' TVD / MD	<b>Notes:</b>	1. bowspring centralizers spaced every 120' / 3rd jt (120') from shoe to 1200' TVD / MD



<b>PRODUCTION (FINAL)</b>		<b>Casing:</b>	±9,016', 7" 35 ppf P110 LTC/ Flush joint in OH (bbl/ft- 0.0350 csg vol / 0.0226 OH ann vol / 0.0454 CH ann vol)
<b>Hole Size:</b>	8-1/2" (tri-cone)	<b>Cmt Lead:</b>	(3000') (scavenger slurry for OBM recovery) 730 sx 75/25 Poz Prem, 15.0 ppg slurry, 1.05 ofs yield
	↑ OBM 11.5-14.9 ppg ↓	<b>Cmt Tail:</b>	(4900') (15% over caliper) 337 sx Class G Prem, 15.5 ppg slurry, 1.3 ofs yield 24 hr compressive strength (est. 190°F): 3000 psi
	(CB21 "O" zone) 8194'-8300' TVD/MD	<b>TOC:</b>	±7430' TVD / 7491' MD (500' liner lap)
		<b>Csg. Test:</b>	5000 psi / 15 min (chart record results)
		<b>Notes:</b>	1. bowspring centralizers spaced every joint from shoe to top of paradox salt 2. 1 joint shoe track



<b>HORIZ TEST (NEW)</b>		<b>Directional Plan (see detailed dir plan separately)</b>	
<b>Hole Size:</b>	5-7/8" (tri-cone)	<b>BHA / Steering:</b>	MWD & GR fr csg exit to ±11,078' MD / 8,650' TVD / geo-steering via GR, mudlog, offsite correlation
	↑ whipstock window 8350'-8363.5' MD ↓	<b>Horiz Build:</b>	(0°-93°) exit @ 8363.5' MD, 20°/100' BUR, 140° AZ, Land ±30' TVD below top of C.Ck, 93° incl, with ±286.5' VS
	CIBP w/ PBTB ~8700'	<b>Disp. @ PTD:</b>	±2300' or as technically obtainable
	(CB23 Cane Creek) 8,602'-8,702' TVD/MD	<b>Liner:</b>	±3014', 4-1/2" 15.1 ppf P110 LTC (bbl/ft- 0.0142 csg vol / 0.0214 OH ann vol / 0.0279 CH ann vol)
	PTD ±11,074' MD / 8,650' TVD	<b>Liner Hanger:</b>	7" x 5" Liner Hanger, Baker HMC hydraulic set w/ 10' tie-back receptacle
	(Base Paradox Salt) 8755' TVD / MD	<b>OH Packer:</b>	Baker 6.5" x 4.5" hyd or swell, @ top of C.Ck. for cementing liner across salt, 1/3 perf liner below OH packer
	OH Triple Combo, CBL 9016' TVD/MD	<b>Cmt Slurry:</b>	(salt OH / 300' lap / 200' abv hanger) ±800' (30% OH excess) 80 sx Elasticem Prem, 15.5 ppg slurry, 1.39 yield
	LEADVILLE TEST (FINAL)	<b>TOC:</b>	(200' abv liner top / 300' liner lap) ±8000' MD
	Leadville top @ 9,055'	<b>Csg. Test:</b>	2000 psi / 30 min, negative liner lap test after disp to lighter fluid
	Trip Combo 9200' TVD/MD	<b>Notes:</b>	centralizers placed every 3rd jt (120') in cemented section only



<b>MISSISSIPPIAN TEST</b>	Leadville Test P&A with 60sxs class G
---------------------------	---------------------------------------



Company: Delta  
 Field: Grand Co., UT  
 Location: Sec.36-T22S-R16E  
 Well: Greentown State #31-362216  
 Wellbore #1



Plan: Plan #2 (Greentown State #31-362216/Wellbore #1)

**SECTION DETAILS**

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	8525.0	20.06	346.22	8522.0	33.8	-5.9	0.00	0.00	31.2	
2	8776.8	90.00	29.43	8661.0	211.9	54.8	30.00	45.00	218.9	

**WELL DETAILS: Greentown State #31-362216**

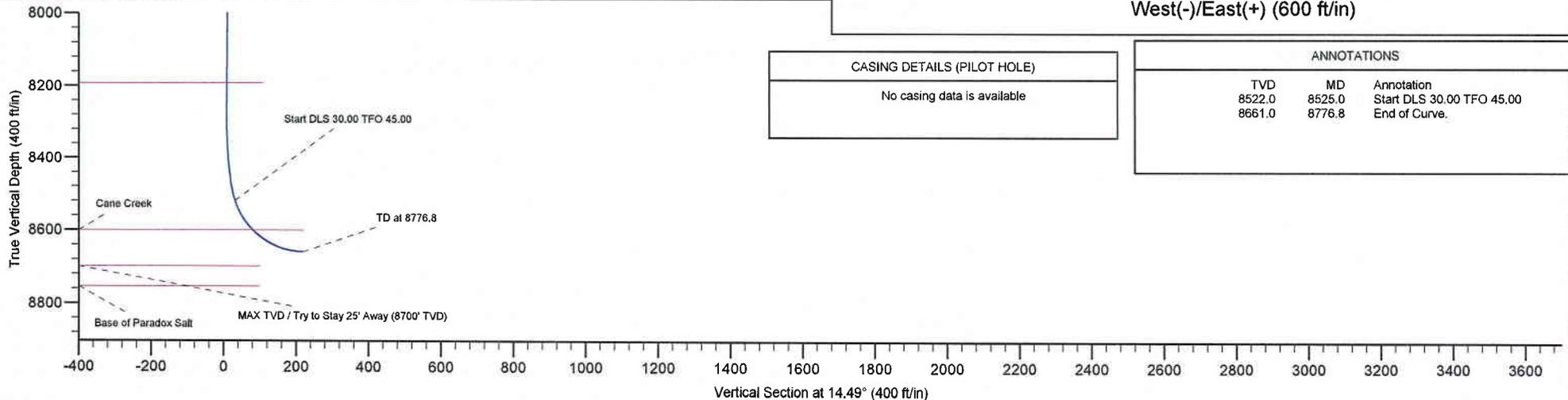
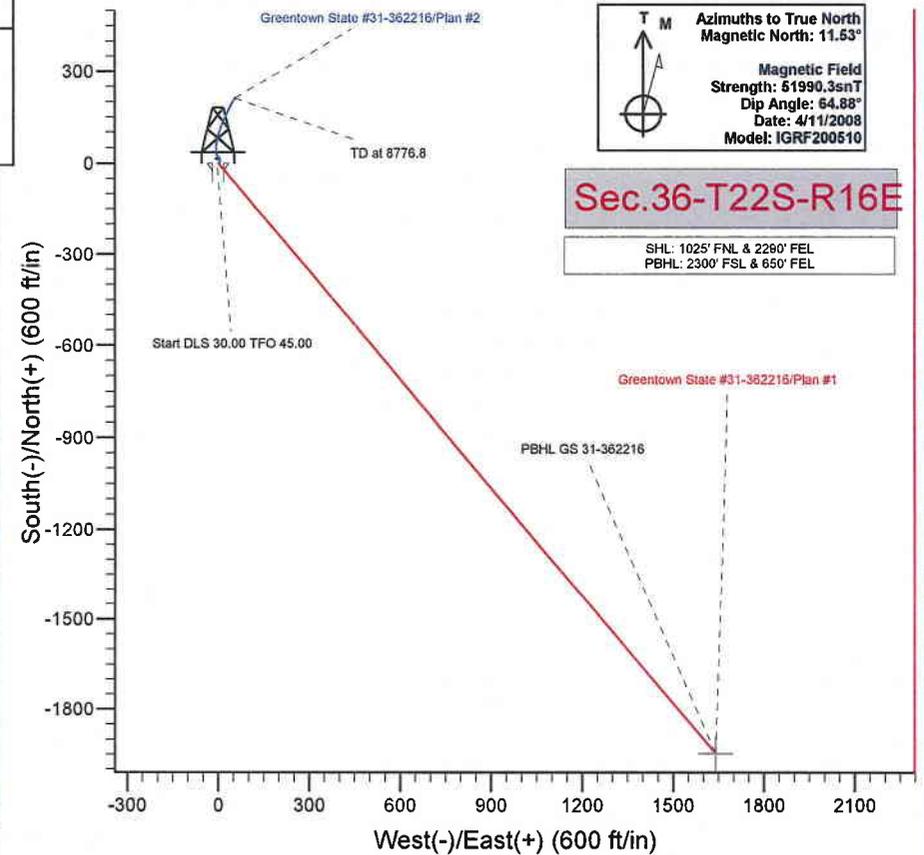
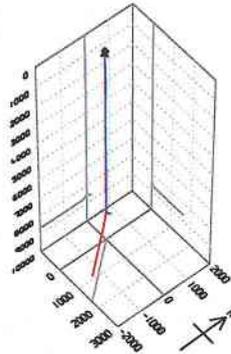
Ground Level: 4212.0			
+N/-S	+E/-W	Northing	Longitude
0.0	0.0	6766328.25	110° 6' 22.327 W
		Easting	Slot
		2037327.90	
		Latitude	
		38° 51' 33.365 N	

**WELLBORE TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Shape
PBHL GS 31-362216	8650.0	-1949.1	1640.0	Point

**FORMATION TOP DETAILS**

TVDPath	MDPath	Formation
		Base of Paradox Salt
		Leadville
		MAX TVD / Try to Stay 25' Away
		Morrison
297.0	297.0	Entrada
820.0	820.2	Carmel
901.0	901.2	Navajo
1364.0	1364.3	Kayenta
1466.0	1466.3	Wingate
1905.0	1905.3	Chinle
2165.0	2165.3	Shinarump
2220.0	2220.3	Moenkopi
2836.0	2836.3	White Rim
3229.0	3229.3	Cutler
4244.0	4244.4	Honaker Trail
5401.0	5401.4	Paradox Salt
8194.0	8194.4	O zone
8602.0	8620.0	Cane Creek





## **Delta**

**Grand Co., UT**

**Sec.36-T22S-R16E**

**Greentown State #31-362216**

**Wellbore #1**

**Plan: Plan #1**

# **Pathfinder Planning Report**

**11 April, 2008**

**PATHFINDER**  
**ENERGY SERVICES**



**Pathfinder Energy Services**  
Planning Report



**Database:** EDM 2003.16 Single User Db  
**Company:** Delta  
**Project:** Grand Co., UT  
**Site:** Sec.36-T22S-R16E  
**Well:** Greentown State #31-362216  
**Wellbore:** Wellbore #1  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Greentown State #31-362216  
**TVD Reference:** WELL @ 4387.0ft (Original Well Elev)  
**MD Reference:** WELL @ 4387.0ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

<b>Project</b>	Grand Co., UT		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

<b>Site</b>	Sec.36-T22S-R16E				
<b>Site Position:</b>		<b>Northing:</b>	6,756,431.95 ft	<b>Latitude:</b>	38° 51' 34.113 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,039,057.09 ft	<b>Longitude:</b>	110° 6' 0.450 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.90 °

<b>Well</b>	Greentown State #31-362216					
<b>Well Position</b>	+N/-S	0.0 ft	<b>Northing:</b>	6,756,431.95 ft	<b>Latitude:</b>	38° 51' 34.113 N
	+E/-W	0.0 ft	<b>Easting:</b>	2,039,057.09 ft	<b>Longitude:</b>	110° 6' 0.450 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	4,360.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF200510	4/11/2008	(°)	(°)	(nT)
			11.53	64.89	51,956

<b>Design</b>	Plan #1				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0	
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>	
	(ft)	(ft)	(ft)	(°)	
	8,650.0	0.0	0.0	139.79	

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(ft)	(ft)	Rate	Rate	Rate	(ft)	
(ft)			(ft)			(°/100ft)	(°/100ft)	(°/100ft)		
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
8,363.5	0.00	0.00	8,363.5	0.0	0.0	0.00	0.00	0.00	0.00	
8,813.5	90.00	139.79	8,650.0	-218.8	185.0	20.00	20.00	0.00	139.79	PBHL GS 31-362216
11,078.0	90.00	139.79	8,650.0	-1,948.1	1,647.0	0.00	0.00	0.00	0.00	PBHL GS 31-362216



Pathfinder Energy Services  
Planning Report



Database: EDM 2003.16 Single User Db  
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Local Co-ordinate Reference: Well Greentown State #31-362216  
TVD Reference: WELL @ 4387.0ft (Original Well Elev)  
MD Reference: WELL @ 4387.0ft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
<b>KOP / Start Build 20.00°</b>									
8,363.5	0.00	0.00	8,363.5	0.0	0.0	0.0	0.00	0.00	0.00
8,375.0	2.30	139.79	8,375.0	-0.2	0.1	0.2	20.00	20.00	0.00
8,400.0	7.30	139.79	8,399.9	-1.8	1.5	2.3	20.00	20.00	0.00
8,425.0	12.30	139.79	8,424.5	-5.0	4.2	6.6	20.00	20.00	0.00
8,450.0	17.30	139.79	8,448.7	-9.9	8.4	13.0	20.00	20.00	0.00
8,475.0	22.30	139.79	8,472.2	-16.4	13.8	21.4	20.00	20.00	0.00
8,500.0	27.30	139.79	8,494.9	-24.4	20.6	31.9	20.00	20.00	0.00
8,525.0	32.30	139.79	8,516.6	-33.9	28.6	44.3	20.00	20.00	0.00
8,550.0	37.30	139.79	8,537.1	-44.7	37.8	58.6	20.00	20.00	0.00
8,575.0	42.30	139.79	8,556.3	-57.0	48.2	74.6	20.00	20.00	0.00
8,600.0	47.30	139.79	8,574.0	-70.4	59.5	92.2	20.00	20.00	0.00
8,625.0	52.30	139.79	8,590.2	-85.0	71.9	111.3	20.00	20.00	0.00
<b>Cane Creek</b>									
8,645.3	56.36	139.79	8,602.0	-97.6	82.5	127.8	20.00	20.00	0.00
8,650.0	57.30	139.79	8,604.6	-100.6	85.0	131.7	20.00	20.00	0.00
8,675.0	62.30	139.79	8,617.1	-117.1	99.0	153.3	20.00	20.00	0.00
8,700.0	67.30	139.79	8,627.8	-134.3	113.6	175.9	20.00	20.00	0.00
8,725.0	72.30	139.79	8,636.4	-152.3	128.7	199.4	20.00	20.00	0.00
8,750.0	77.30	139.79	8,643.0	-170.7	144.3	223.5	20.00	20.00	0.00
8,775.0	82.30	139.79	8,647.4	-189.5	160.2	248.1	20.00	20.00	0.00
8,800.0	87.30	139.79	8,649.7	-208.5	176.2	273.0	20.00	20.00	0.00
<b>Start 2264.5 hold at 8813.5 MD</b>									
8,813.5	90.00	139.79	8,650.0	-218.8	185.0	286.5	20.00	20.00	0.00
8,900.0	90.00	139.79	8,650.0	-284.8	240.8	373.0	0.00	0.00	0.00
9,000.0	90.00	139.79	8,650.0	-361.2	305.4	473.0	0.00	0.00	0.00
9,100.0	90.00	139.79	8,650.0	-437.6	369.9	573.0	0.00	0.00	0.00
9,200.0	90.00	139.79	8,650.0	-513.9	434.5	673.0	0.00	0.00	0.00
9,300.0	90.00	139.79	8,650.0	-590.3	499.1	773.0	0.00	0.00	0.00
9,400.0	90.00	139.79	8,650.0	-666.7	563.6	873.0	0.00	0.00	0.00
9,500.0	90.00	139.79	8,650.0	-743.0	628.2	973.0	0.00	0.00	0.00
9,600.0	90.00	139.79	8,650.0	-819.4	692.7	1,073.0	0.00	0.00	0.00
9,700.0	90.00	139.79	8,650.0	-895.8	757.3	1,173.0	0.00	0.00	0.00
9,800.0	90.00	139.79	8,650.0	-972.1	821.9	1,273.0	0.00	0.00	0.00
9,900.0	90.00	139.79	8,650.0	-1,048.5	886.4	1,373.0	0.00	0.00	0.00
10,000.0	90.00	139.79	8,650.0	-1,124.8	951.0	1,473.0	0.00	0.00	0.00
10,100.0	90.00	139.79	8,650.0	-1,201.2	1,015.6	1,573.0	0.00	0.00	0.00
10,200.0	90.00	139.79	8,650.0	-1,277.6	1,080.1	1,673.0	0.00	0.00	0.00
10,300.0	90.00	139.79	8,650.0	-1,353.9	1,144.7	1,773.0	0.00	0.00	0.00
10,400.0	90.00	139.79	8,650.0	-1,430.3	1,209.2	1,873.0	0.00	0.00	0.00
10,500.0	90.00	139.79	8,650.0	-1,506.7	1,273.8	1,973.0	0.00	0.00	0.00
10,600.0	90.00	139.79	8,650.0	-1,583.0	1,338.4	2,073.0	0.00	0.00	0.00
10,700.0	90.00	139.79	8,650.0	-1,659.4	1,402.9	2,173.0	0.00	0.00	0.00
10,800.0	90.00	139.79	8,650.0	-1,735.8	1,467.5	2,273.0	0.00	0.00	0.00
10,900.0	90.00	139.79	8,650.0	-1,812.1	1,532.1	2,373.0	0.00	0.00	0.00
11,000.0	90.00	139.79	8,650.0	-1,888.5	1,596.6	2,473.0	0.00	0.00	0.00
<b>TD at 11078.0 - PBHL GS 31-362216 - PBHL GS 31-362216</b>									
11,078.0	90.00	139.79	8,650.0	-1,948.1	1,647.0	2,551.0	0.00	0.00	0.00



**Pathfinder Energy Services**  
Planning Report



Database: EDM 2003.16 Single User Db  
 Company: Delta  
 Project: Grand Co., UT  
 Site: Sec.36-T22S-R16E  
 Well: Greentown State #31-362216  
 Wellbore: Wellbore #1  
 Design: Plan #1

Local Co-ordinate Reference: Well Greentown State #31-362216  
 TVD Reference: WELL @ 4387.0ft (Original Well Elev)  
 MD Reference: WELL @ 4387.0ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

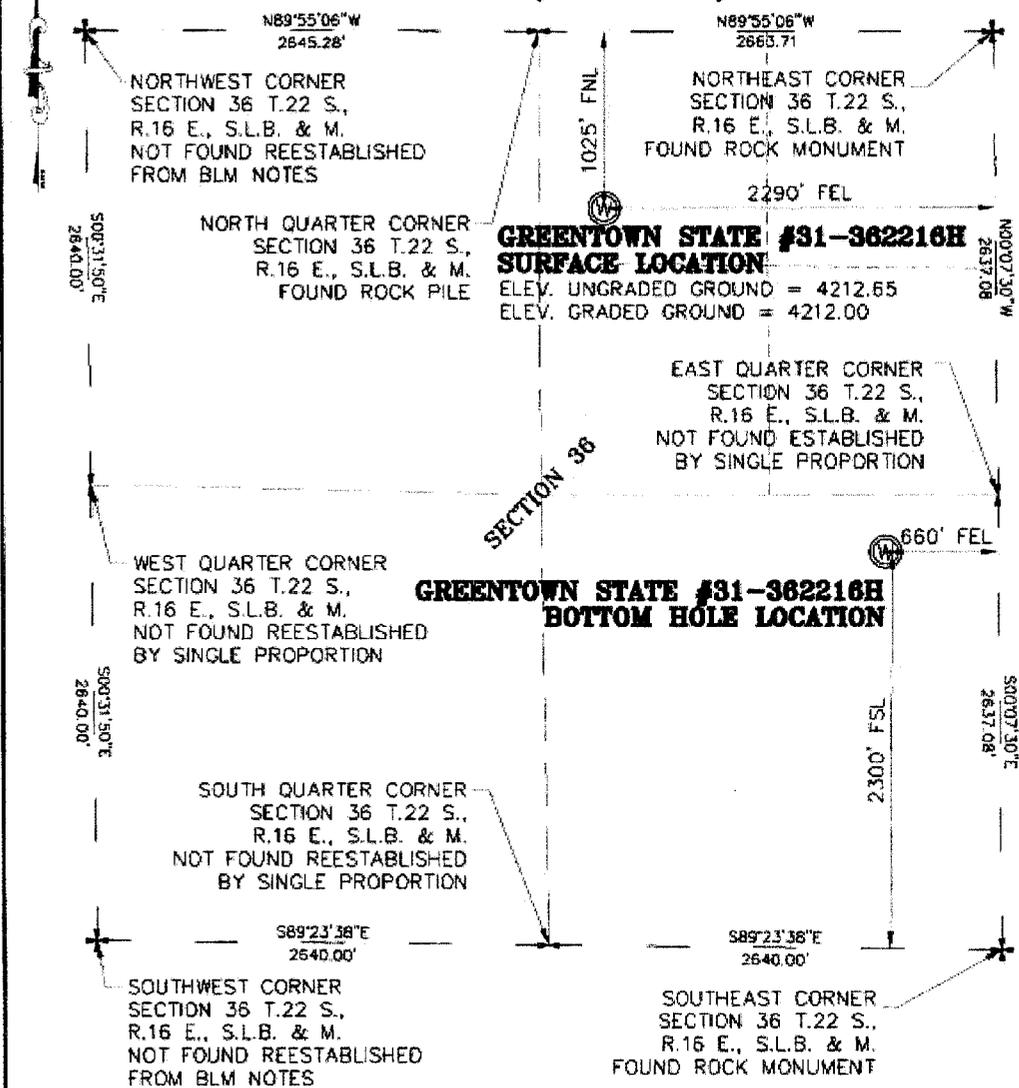
Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/S	+E/W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
PBHL GS 31-362216	0.00	0.00	8,650.0	-1,948.1	1,647.0	6,754,509.87	2,040,734.37	38° 51' 14.858 N	110° 5' 39.631 W
- plan hits target									
- Point									

Casing Points						
Measured Depth	Vertical Depth	Name	Casing Diameter	Hole Diameter		
(ft)	(ft)		(")	(")		
5,540.0	5,540.0	9 5/8" Casing	9-5/8	12-1/4		

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(ft)	(ft)			(°)	(°)	
15.0	15.0	Morrison		0.00		
297.0	297.0	Entrada		0.00		
820.0	820.0	Carmel		0.00		
901.0	901.0	Navajo		0.00		
1,364.0	1,364.0	Kayenta		0.00		
1,466.0	1,466.0	Wingate		0.00		
1,905.0	1,905.0	Chinle		0.00		
2,165.0	2,165.0	Shinarump		0.00		
2,220.0	2,220.0	Moenkopi		0.00		
2,836.0	2,836.0	White Rim		0.00		
3,229.0	3,229.0	Cutler		0.00		
4,244.0	4,244.0	Honaker Trail		0.00		
5,401.0	5,401.0	Paradox Salt		0.00		
8,194.0	8,194.0	O zone		0.00		
8,645.3	8,602.0	Cane Creek		0.00		
	8,755.0	Base of Paradox Salt		0.00		
	9,055.0	Leadville		0.00		

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/S	+E/W	
		(ft)	(ft)	
8,363.5	8,363.5	0.0	0.0	KOP / Start Build 20.00"
8,813.5	8,650.0	-218.8	185.0	Start 2264.5 hold at 8813.5 MD
11,078.0	8,650.0	-1,948.1	1,647.0	TD at 11078.0

# SECTION 36 T.22 S., R.16 E., S.L.B. & M.



PROJECT  
**DELTA PETROLEUM CORPORATION**  
 WELL LOCATION, LOCATED AS SHOWN  
 IN THE NW 1/4 OF THE NE 1/4 OF  
 SECTION 36 T.22 S., R.16 E., S.L.B. & M.  
 GRAND COUNTY, UTAH

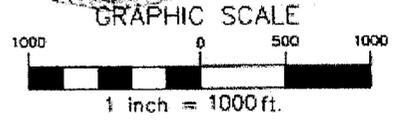
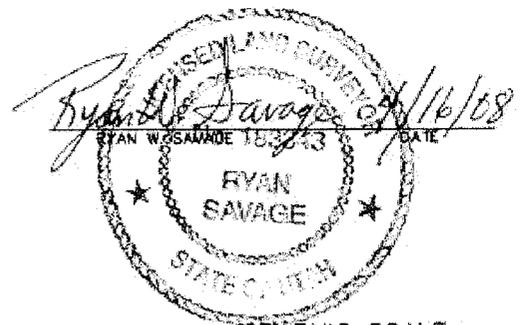
**LEGEND**

+ SECTION CORNER AS NOTED  
 M QUARTER CORNER AS NOTED  
 M PROPOSED WELL LOCATION

NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT  
 GREENTOWN STATE #31-362216H WELL  
 LOCATED IN THE NW 1/4 OF THE NE 1/4 OF  
 SECTION 36 T.22 S., R.16 E., S.L.B. & M.  
 GRAND COUNTY, UTAH.

**BASIS OF ELEVATION**  
 ELEVATION BASED ON TRIANGULATION STATION ABRES  
 LOCATED IN THE SE 1/4 OF SECTION 36 T.22 S.,  
 R.16 E., S.L.B. & M.  
 ELEVATION USED 4451.95

**CERTIFICATE**  
 THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM  
 FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER  
 MY SUPERVISION, AND THAT THE SAME ARE TRUE AND  
 CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



**BASIS OF BEARING**

BASIS OF BEARING USED WAS N89°55'06"W BETWEEN THE NORTHEAST CORNER  
 AND THE NORTH 1/4 CORNERS OF SECTION 36 T.22 S., R.16 E., S.L.B. & M.  
 WELL LATITUDE: 38°51'33.355"N OR 38.559265  
 WELL LONGITUDE: 110°06'22.327"W OR -110.106202

**Savage Surveying, INC.**  
 Ryan W. Savage, PLS  
 PO Box 892  
 279 S. 400 W  
 Richfield, UT 84701  
 Home: 438-890-8635  
 Fax: 435-896-8638  
 Cell: 435-203-1345

WELL LOCATION PLAT FOR					
DELTA PETROLEUM CORPORATION					
DESIGNED BY	DRAWN BY	CHECKED BY	DATE	PLAT NUMBER	SHEET NUMBER
T.M.	T.K.S.	R.W.S.	04/16/2008	0702-016S	1

No abnormal temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 6265 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations: April 14, 2008

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

**Helen Sadik-Macdonald - Greentown State 31-362216H**

---

**From:** Helen Sadik-Macdonald  
**To:** kshirley@deltapetro.com; rschuyler@deltapetro.com  
**Date:** 05/28/2008 4:53 PM  
**Subject:** Greentown State 31-362216H  
**CC:** Doucet, Dustin

---

Kate and Ron,

DOGMA has found discrepancies in your horizontal drill plan for the above-cited well. Please contact me at your earliest convenience to sort out the following issues:

1) Proposed BHL is less than 660 from east section line (Please review R649-3-2-7) and must be greater than 660 feet. Please have directional survey corrected accordingly or propose TD at 11,000' rather than 11,074'. Note: "...notice of APD shall be given by certified mail to all owners within the boundaries of the designated temporary spacing unit." You need to provide us proof you are in compliance here.

A letter stating Delta has the mineral rights for the total radius of 460' around the well bore is also required (R649-3-11) for horizontal borings. Dustin just pointed out this the above paragraph pretty much covers this.

- 2) What is the KOP depth?
- 3) Where is the liner hanger to be placed?
- 4) How much liner will be placed and how much of it inside intermediate csg string?
- 5) What length of liner will be cemented?
- 6) Vol and yield of cements for liner?
- 7) Is there a lead and tail on the liner cement?
- 8) Is there a stage tool proposed and at what depth?

There are two sets of answers to most of these questions in your narrative and "Re-enter as-built" plan.

Respectfully,

**Helen Sadik-Macdonald - RE: Greentown State 31-362216H**

---

**From:** "Alex Raizman"  
**To:**  
**Date:** 05/29/2008 1:14 PM  
**Subject:** RE: Greentown State 31-362216H  
**CC:** "Kate Shirley" , "Ron Schuyler"

---

Helen,

Please see responses below in blue color

Kate and Ron,

DOGM has found discrepancies in your horizontal drill plan for the above-cited well. Please contact me at your earliest convenience to sort out the following issues:

1) Proposed BHL is less than 660 from east section line (Please review R649-3-2-7) and must be greater than 660 feet. Please have directional survey corrected accordingly or propose TD at 11,000' rather than 11,074'. Note: "...notice of APD shall be given by certified mail to all owners within the boundaries of the designated temporary spacing unit." You need to provide us proof you are in compliance here.

A letter stating Delta has the mineral rights for the total radius of 460' around the well bore is also required (R649-3-11) for horizontal borings. Dustin just pointed out this the above paragraph pretty much covers this.

2) What is the KOP depth? We kicked off at 8300' MD/ TVD

3) Where is the liner hanger to be placed? Liner hanger to be placed above top of window at 8290'

4) How much liner will be placed and how much of it inside intermediate csg string? ~ 3000 ft of liner with 300 ft of lap with 7" casing

5) What length of liner will be cemented? 400 ft of liner to be cemented around salt interval in addition to 300 ft of lap and 200 ft above hanger, TOC @ 8000'

6) Vol and yield of cements for liner? 200 sxs of 15.5 ppg cement with a yield of 1.39

7) Is there a lead and tail on the liner cement? No lead cement, just one tail slurry

8) Is there a stage tool proposed and at what depth? No stage tool in the cementing of the liner

There are two sets of answers to most of these questions in your narrative and "Re-enter as-built" plan.

Respectfully,

This email and any attachments are confidential and intended solely for the use of the individual or entity to whom this email is addressed. If you have received this email in error please notify the sender immediately by email and delete this email from your system. If you are not the intended recipient, you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this communication is strictly prohibited.

WARNING: Although the Company has taken reasonable precautions to ensure that no viruses are present in this email, the Company cannot accept responsibility for any loss or damage arising from the use of this email or attachments.

Delta Petroleum Corporation, 370 17th Street, Suite #4300, Denver, CO 80202 [www.deltapetro.com](http://www.deltapetro.com)

UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

Oil and Gas Program

1594 West North Temple, Suite 1210, Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 Phone

(801) 359-3940 Fax

CONFIDENTIAL

NOTICE OF VIOLATION

STATE OF UTAH

OIL AND GAS CONSERVATION ACT

\*\*\*\*\*

To the following operator:

Name: Delta Petroleum Corporation

Well or Site: Greentown State 31-362216C API #: 43-019-31569

Location: Township 22S, Range 16E, Section 36, County Grand

Date and time of inspection/violation: June 9, 2008

Mailing Address: 370 17<sup>th</sup> Street, Suite 4300, Attn: Kate Shirley  
Denver, Colorado 80202

Under the authority of the Utah Oil and Gas Conservation Act, Section 40-6 et. Seq., Utah Code Annotated, 1953, as amended, the undersigned authorized representative of the Division of Oil, Gas and Mining has conducted an inspection of the above described site and/or records on the above date and has found alleged violation(s) of the act, rules or permit conditions as described below.

Description of Violation(s):

Rule R649-3-6-1, Drilling operations not conducted according to approved APD. Changes implemented to plan without approval.

Operator (Delta Petroleum Corporation (Delta)) drilled a horizontal lateral in the referenced well without approval. Although paperwork was submitted and conversations with the Division were initiated by Delta, all of the required paperwork necessary for approval was not submitted. Proof of notice to all owners within the BHL closer than 660 feet from the section line. A plat showing the ownership within 660 feet of the productive interval was not provided. A conversation by and between Dustin Doucet of the Division and Kate Shirley, Ron Schuyler and David Doles of Delta on June 9, 2008 confirmed that the horizontal lateral had already been drilled. Many other conversations were held to try to get the required information, both prior to and after the June 9<sup>th</sup> conference call. To date, the change of plans to drill a horizontal lateral remains unapproved.

Action: Delta shall submit all necessary paperwork immediately. Delta should come in and meet with the Division about plans, problems and to discuss expectations and requirements. Production from this lateral should not commence until approval has been granted.

Additional information/materials attached Y/N (circle one):

*Copy of unapproved sundry submitted May 1, 2008.*

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining.

Compliance Deadline: July 7, 2008

Date of Service Mailing: 6/25/2008 Time of Service Mailing: 3:00 P.M.

CERTIFIED MAIL NO: 7005 2570 0000 4801 8519



Division's Representative

CC: Brad Hill, Operator Compliance File

6/2005

Operator or Representative

(If presented in person)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
Division of Oil, Gas & Mining

---

SATISFACTORY CLOSURE OF VIOLATION  
OIL AND GAS CONSERVATION ACT

---

**TO THE FOLLOWING OPERATOR:**

Name: Delta Petroleum Corporation  
Well or Site: Greentown State 31-362216C API #: 43-019-31569  
Location: Township 22S, Range 16E, Section 36, County Grand  
Date and time of inspection/violation: June 9, 2008  
Mailing Address: 370 17<sup>th</sup> Street, Suite 4300, Attn: Brian Macke  
Denver, Colorado 80202

---

**THIS DOCUMENT BRINGS CLOSURE TO A NOTICE OF VIOLATION SENT TO THE ABOVE OPERATOR AND DATED June 25, 2008.**

---

The Utah Division of Oil, Gas and Mining hereby acknowledges that the alleged violation of the act, rules or permit conditions as described below (as pertaining to the Utah Oil and Gas Conservation Act, Section 40-6 et. Seq., Utah Code Annotated, 1953, as amended), has been satisfactorily resolved in a manner acceptable to the division.

**Description of Violation(s):**

Rule R649-3-6-1, Drilling operations not conducted according to approved APD. Changes implemented to plan without approval.

Operator (Delta Petroleum Corporation (Delta)) drilled several horizontal laterals in the referenced well without approval. Although paperwork was submitted and conversations with the Division were initiated by Delta, all of the required paperwork necessary for approval was not submitted. Proof of notice to all owners within the section was not provided. The drilling plan was contradictory and unclear and the directional survey put the BHL closer than 660 feet from the section line. A plat showing the ownership within 660 feet of the productive interval was not provided. A conversation by and between Dustin Doucet of the Division and Kate Shirley, Ron Schuyler and David Doles of Delta on June 9, 2008 confirmed that the horizontal lateral had already been drilled. Many other conversations were held to try to get the required information, both prior to and after the June 9<sup>th</sup> conference call. To date, the change of plans to drill a horizontal lateral remains unapproved.

**The following action was taken by the operator:**

6/26/2008 Delta met with DOGM at DOGM's Salt Lake office and discussed issues and plan to remedy current problem and limit future problems.

7/8/2008 Delta submitted further necessary paperwork on horizontal legs.

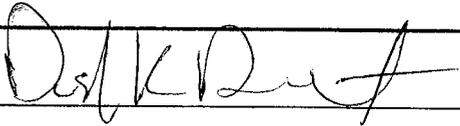
8/17/2009 Delta submitted final necessary paperwork for all horizontal legs (Well Completion Reports).

**Future expectations or requirements:**

None.

**MATTER CLOSED: November 4, 2009**

---

Division Representative Signature:  Date: November 4, 2009

Name and Title: Dustin Doucet, Petroleum Engineer Phone: 801.538.5281

**From:** Dustin Doucet  
**To:** Shirley, Kate  
**Date:** 6/24/2008 9:54 AM  
**Subject:** Utah DOGM meeting

**CONFIDENTIAL**

**CC:** Baza, John; Hill, Brad; Hunt, Gil; Jarvis, Dan; Kettle, Bart  
All,

Just a reminder that we will be meeting with Delta, Thursday at 10 a.m. See below for agenda.

Dustin

Ron,

As discussed on the phone earlier this week, we would like to meet with several of your key folks to discuss several issues. I have scheduled June 26, 2008 at 10 a.m. here at DOGM for the meeting. Please let me know if this fits your schedule. As a general outline we would like to discuss the following:

- Overview of current development - current state, hurdles/problems, changes implemented, etc.
- Plan for future development - current plan, potential scenarios etc.
- Permitting Issues - past practice, future expectations (APD's, changes to APD's, changes to drilling plans etc.)
- Field Issues - incident reporting, disposal of water, closure of pits
- Safety Issues

I know this is a broad range of topics. Feel free to add items that you would like to discuss that I didn't cover. We can firm this up over the next couple of weeks. We would just like everyone to be better informed about what to expect in the future and to help clarify any confusion about what is expected or required in all these different situations. I think if everybody has a better understanding of what to expect, we can all function more efficiently.

I'll leave it up to you on who to invite on your end, but think that bringing yourself, Kate, and Brian would be helpful. Feel free to bring whomever you feel would best be able to address the issues or benefit from the topics listed above. FYI- from DOGM we are probably going to have the following people in attendance:

- Dustin Doucet - Petroleum Engineer
- Dan Jarvis - Field Operations Manager
- Brad Hill - Permitting Manager
- Bart Kettle - Field Inspector
- Gil Hunt - Associate Director, Oil and Gas
- John Baza- Director, Oil, Gas and Mining

Please get in touch with me with any concerns or questions regarding the agenda or schedule. Look forward to meeting with you all.

Dustin

Dustin K. Doucet  
Petroleum Engineer  
Utah Division of Oil, Gas and Mining  
Oil and Gas Program  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84116

-  
Phone: (801) 538-5281  
fax: (801) 359-3940  
email: dustindoucet@utah.gov  
-

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## **PROPOSED AGENDA**

Meeting Between UDOGM Staff  
And Delta Petroleum Corporation Staff  
DCP Greentown Project, Grand County, Utah

Thursday, June 26, 2008  
Location: UDOGM Offices, Salt Lake City

1. Introductions
2. Overview of Current Greentown Development
3. Plans for Future Greentown Development
4. Permitting Issues
  - a. Past Practices
  - b. Future Expectations
  - c. Applications for Permit To Drill
  - d. Changes to APD's
  - e. Changes to Drilling Plans
5. Field Issues
  - a. Incident Reporting
  - b. Water Disposal
  - c. Pit Closure

## NOTICE OF LATE REPORTING DRILLING & COMPLETION INFORMATION

Utah Oil and Gas Conservation General Rule R649-3-6 states that,

- Operators shall submit monthly status reports for each drilling well (including wells where drilling operations have been suspended).

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
  
- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

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As of the mailing of this notice, the division has not received the required reports for

Operator: DELTA PETROLEUM CORP Today's Date: 06/27/2008

Well:	API Number:	Drilling Commenced:
GREENTOWN ST 36-24H	4301931519	10/27/2007
SAMSON FED 28-11	4301931503	09/19/2007
GREENTOWN FED 26-43H	4301931547	01/21/2008
GREENTOWN ST 31-3622 16H	4301931569	01/25/2008

List Attached      22S      16E      36

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please contact Rachel Medina  
at (801) 538-5260.

cc: Well File  
Compliance File

VIA FEDERAL EXPRESS

**CONFIDENTIAL**

July 3, 2008

Mr. Dustin Doucet  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114-5801

RE: Delta Petroleum Corporation  
**Notice of Violation Response**  
**Operations Update**

- **Drill & Plug Back Vertical Wellbore**
- **Drill & Abandon 1<sup>st</sup> & 2<sup>nd</sup> Horizontal Laterals into Cane Creek Fm**
- **Drilling Horizontal Lateral in "O" Fm**

Greentown State 31-362216

Surface Location - 1,025' FNL 2,290' FEL (NW/4NE/4

Sec 36 T22S R16E

Grand County UT

State Lease #ML-50325 (SEC 36 -- All)

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JUL 08 2008

Dear Mr. Doucet;

DIV. OF OIL, GAS & MINING

Per the Utah Division of Oil Gas and Mining (UDOGM) letter to Delta Petroleum Corporation (Delta) dated June 9, 2008 and the meeting between UDOGM and Delta on June 26, 2008 we are herewith providing the response and updates to Delta's drilling activity as shown above:

- 1) Horizontal Drilling Notification -- attached;
- 2) Verification of Horizontal Drilling within the legal setback of 660' -- attached to the Operations Update for the 1<sup>st</sup> & 2<sup>nd</sup> horizontal lateral into the Cane Creek Fm as applied for per Sundry Notice dated April 14, 2008;
- 3) Sundry Notice for the Subsequent Report of Operations as conducted to drill and to plug back the vertical wellbore;
- 4) Sundry Notice for the Subsequent Report of Operations as conducted to drill and to plug back the 1<sup>st</sup> & 2<sup>nd</sup> horizontal laterals into the Cane Creek Fm;
- 5) Sundry notice for the Subsequent Report of Operations being conducted to drill the horizontal lateral into the "O" Fm.

Mr. Dustin Doucet  
July 3, 2008  
Page 2

Additional well operations information and updates will be provided as operations progress. Please contact the undersigned at (303)820-4480 and/or Mr. Brian Macke at Delta, (303)293-9133 if there are any further requirements or questions. Thank you.

Very Truly Yours,

A handwritten signature in black ink, appearing to read 'D F Banko', written in a cursive style.

David F. Banko  
Permit Agent for Delta Petroleum Corporation

Cc Mr. Brian Macke  
Ms. Kate Shirley

BANKO  
PETROLEUM  
MANAGEMENT INC.

CONFIDENTIAL

VIA FEDERAL EXPRESS

CONFIDENTIAL

July 3, 2008

Mr. Dustin Doucet  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114-5801

RE: Delta Petroleum Corporation  
**Horizontal Drilling Notification**  
Greentown State 31-362216  
Surface Location - 1,025' FNL 2,290' FEL (NW/4NE/4  
Sec 36 T22S R16E  
Grand County UT  
State Lease #ML-50325 (Sec 36 – All)

Dear Mr. Doucet;

Per Utah Division of Oil Gas and Mining Rule R649-3-2 para 7, Delta Petroleum Corporation and its active working interest owners own 100% of the above captioned lease which consists of all of Sec 36 T22S R16W. We understand that there are no additional notice requirements as long as any horizontal lateral stays at least 660' from any exterior section line.

All working interest owners have been notified via the Authorization for Expenditures (AFE) to working interest owners, all are in regular contact via voice and email, and all receive daily drilling reports regarding the drilling progress and current operations of the well activities.

Please contact the undersigned at (303)820-4480 and/or Mr. Brian Macke at Delta Petroleum Corporation, (303)293-9133 if there are any further Horizontal Drilling Notification requirements or questions. Thank you.

Very Truly Yours,

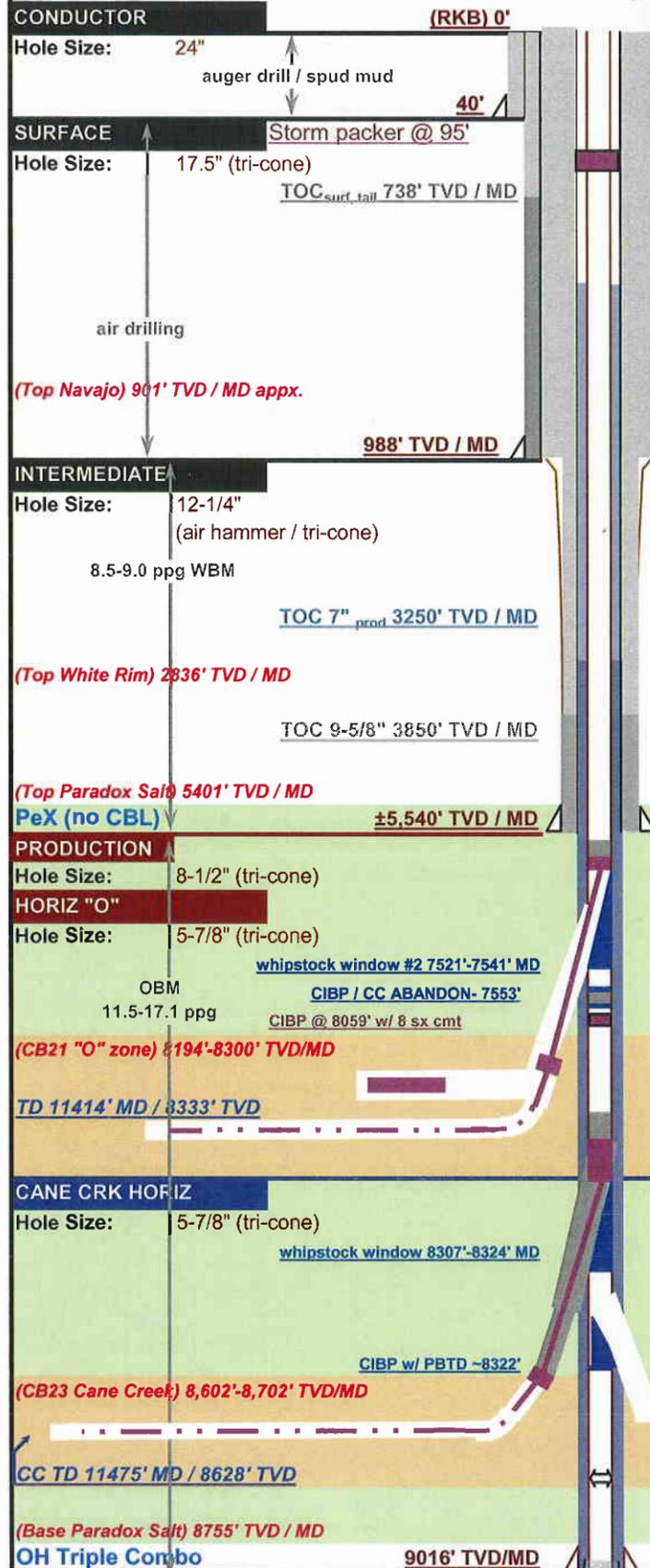


David F. Banko  
Permit Agent for Delta Petroleum Corporation

Cc Mr. Brian Macke  
Ms. Kate Shirley

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JUL 08 2008  
DIV. OF OIL, GAS & MINING

Grand County, Utah



<b>CONDUCTOR</b> Hole Size: 24" auger drill / spud mud Storm packer @ 95' TOC <sub>surf tail</sub> 738' TVD / MD air drilling (Top Navajo) 901' TVD / MD appx. 988' TVD / MD	4212' GL + 27' Sub (DHS #1) (13-3/8" SOW csg head x 13-5/8" 5M x 11" 10M x 7 1/16" 10M)	7/31/09 RB
<b>SURFACE</b> Hole Size: 17.5" (tri-cone) TOC <sub>surf tail</sub> 738' TVD / MD 8.5-9.0 ppg WBM TOC 7" prod 3250' TVD / MD (Top White Rim) 2836' TVD / MD TOC 9-5/8" 3850' TVD / MD (Top Paradox Salt) 5401' TVD / MD PeX (no CBL) ±5,540' TVD / MD	<b>Casing:</b> ±40', 20", 104 ppf, 19.0" ID, butt weld (bbl/ft: 0.3507 csg / 0.0710 OH ann) <b>Cement:</b> (est. 50% OH excess) 4.26 bbl / 1.0 yd <sup>3</sup> of 3500 psi Redi-Mix, furnished w/ conductor pipe <b>TOC:</b> 1" or grout to surface <b>Casing:</b> ±988', 13-3/8" 54.5 ppf J55 BTC (bbl/ft- 0.1545 csg vol / 0.1237 OH ann vol / 0.1769 CH ann vol) <b>Cmt Lead:</b> (738') (100% OH excess) 200 <sub>sx</sub> Versacem, 2.57 yld, 12 ppg slurry 24 / 72 hr compressive strength (est. 80°F): 400 / 800 psi <b>Cmt Tail:</b> (250') (100% OH excess) 390 <sub>sx</sub> Type 1-2 Class A, 1.82 yld, 13.5 ppg slurry 24 / 72 hr compressive strength (est. 80°F): 1000 / 2000 psi <b>TOC:</b> 0 <b>Csg. Test:</b> 2000 psi / 30 min <b>FIT / LOT:</b> 10.0 ppg EMW <b>Notes:</b> 1. bowspring centralizers spaced every 160' / 4th jt, from shoe to surface	
<b>INTERMEDIATE</b> Hole Size: 12-1/4" (air hammer / tri-cone) 8.5-9.0 ppg WBM TOC 7" prod 3250' TVD / MD (Top White Rim) 2836' TVD / MD TOC 9-5/8" 3850' TVD / MD (Top Paradox Salt) 5401' TVD / MD PeX (no CBL) ±5,540' TVD / MD	<b>Casing:</b> ±5,415', 9-5/8" 43.5 ppf P110 LTC (bbl/ft- 0.0744 csg vol / 0.0558 OH ann vol / 0.0646 CH ann vol) <b>Cmt Lead:</b> (3875') (est. 15% over caliper excess) 965 <sub>sx</sub> Nitrogen foamed Elastiseal G, 1.56 yld, 13.1 ppg slurry <b>Cmt Tail:</b> (1540') (15% over caliper excess) 337 <sub>sx</sub> Halcem G, 1.25 yld, 15.8 ppg slurry 24 hr compressive strength (est. 150°F): 3000 psi <b>Top out:</b> 200 <sub>sx</sub> Class G, 1.17 yld, 15.8 ppg slurry <b>TOC:</b> 3,850' from CBL. Did top out job. New TOC unknown. See CBL dated 3/6/2008 <b>Csg. Test:</b> 1500 psi / 30 min (chart record results) <b>FIT / LOT:</b> 15.5 EMW chart record 15 min <b>Notes:</b> 1. Bowspring centralizers spaced every 120' / 3rd jt (120') from shoe to 1200' TVD / MD	
<b>PRODUCTION</b> Hole Size: 8-1/2" (tri-cone) HORIZ "O" Hole Size: 5-7/8" (tri-cone) OBM 11.5-17.1 ppg (CB21 "O" zone) 8194'-8300' TVD/MD TD 11414' MD / 8333' TVD	<b>Casing:</b> 9,010', 7" 35 ppf Q-125 LTC/ P110 Flush joint in OH (bbl/ft- 0.0350 csg vol / 0.0226 OH ann vol / 0.0269 CH ann vol) <b>Cmt Lead:</b> (3000') (scavenger slurry for OBM recovery) 850 <sub>sx</sub> Premium G Cmt, 15.5 ppg slurry, 1.3 cfs yield with/ 0.125lbm poly-e-flake, 0.3%HR-5, 0.15%HR-25, 6%welllife665, 0.2%Halad@-344, 0.3%D-Air3000, 18%salt <b>Csg. Test:</b> 5000 psi / 15 min (chart record results) <b>Notes:</b> 1. bowspring centralizers spaced every joint from shoe to top of paradox salt 2. 1 joint shoe track <b>HORIZ "O"</b> Left bit and motor in hole @ 8498', tag fish top @ 8,493'. Set 100 <sub>sx</sub> plug from 8,498' - 7,896' (TOC). Sidetracked @ 8010' <b>Liner:</b> ± 1,557' 4-1/2" 15.1 ppf P110 LTC blank x ± 2,414' 3-1/2" 9.3 ppf EUE 8rd 1/3 jts perf'd <b>Liner Hanger:</b> 7" x 5" Liner Hanger, Baker HMC hyd set w/ ZXP Liner Top Packer & 10' PBR w/top @ 7,012'	
<b>CANE CRK HORIZ</b> Hole Size: 5-7/8" (tri-cone) whipstock window 8307'-8324' MD CIBP / CC ABANDON- 7553' CIBP @ 8059' w/ 8 <sub>sx</sub> cmt (CB21 "O" zone) 8194'-8300' TVD/MD TD 11414' MD / 8333' TVD	<b>Liner:</b> 3331', 3-1/2" 14.3 ppf P110 PH6 <b>Liner Hanger:</b> 7" x 3.5" Liner Hanger, Baker HMC hydraulic set w/ 10' tie-back receptacle w/top @ 8149". <b>OH Packer:</b> Baker 6.5" x 4.5" hyd or swell, @ top of C.Ck, for cementing liner across salt, 1/3 perf liner below OH packer <b>Cmt Slurry:</b> (salt OH / 300' lap / 200' abv hanger) 624' (30% OH excess) 115 <sub>sx</sub> Elasticem Prem, 15.8 ppg slurry, 1.29 yield <b>TOC:</b> 8149' est.	
<b>OH Triple Combo</b> 9016' TVD/MD Leadville top @ 9,055' OH Triple Combo, CBL 9210' TVD/MD	<b>Whipstock window 8347'-8392' MD</b> <b>CIBP w/ PBDT ~8700'</b> <b>GC TD 10200' MD / 8674' TVD</b> Collapsed casing in original Cane Ck Horiz, redrilled Cane Ck Horiz	
<b>LEADVILLE TEST</b> 9210' TVD/MD	<b>Historical Completion / Testing</b> Production Tests: #1 Leadville Test, P&A with 60 <sub>sx</sub> Class G cement, 15.5 ppg slurry, 1.3 cfs yield. TOC @ +/- 8,700'. #2 Cane Ck Horizontal P&A w/ CIBP @ 7,553' #3 CB21 "O"	

**COMPLETION NOTES:**  
± 2,414' 3-1/2" 9.3 ppf EUE 8rd, 1/3 jts perf'd one hole per foot.  
CIBP @ 8,700' w/ 60<sub>sx</sub>  
CIBP @ 8,322'  
CIBP @ 8,059' w/ 8<sub>sx</sub> of cement, TOC @ 7,970'  
CIBP @ 7,553'  
No tubing in well.  
Dry hole tree installed.  
Storm packer @ 95'

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325
2. NAME OF OPERATOR: <b>Delta Petroleum Corporation</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ---
3. ADDRESS OF OPERATOR: 370 17th Street, Suite 4300 Denver CO 80202 CITY STATE ZIP		7. UNIT or CA AGREEMENT NAME: NA NA
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,025' FNL 2,290' FEL COUNTY: Grand		8. WELL NAME and NUMBER: Greentown State 31-362216C
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW /4 NE /4 Sec. 36 T 22S R 16E SLB&M STATE: Utah		9. API NUMBER: 43-019-31569
		10. FIELD AND POOL, OR WILDCAT: Exploratory

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

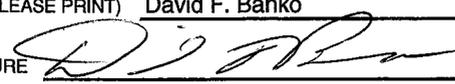
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 4/16/2008	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>REPORT OF OPERATIONS</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**CONFIDENTIAL**

Well update: **Vertical well**  
 2-3-08 Spud 2-3-08  
 3-7-08 Set 9 5/8" surface casing to 988' TVD/MD  
 3-30-08 Set 7" intermediate casing to 5,540' TVD/MD  
 4-12-08 T.D. 9,210'  
 4-14-08 Plug Back to 8,700'  
 4-16-08 Set whipstock 8,348'  
 See attached Report of Well Operations as of 4-16-2008

**RECEIVED**  
**JUL-08 2008**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>David F. Banko</u>	Permit Agent For: <u>Delta Petroleum Corporation</u>
SIGNATURE 	DATE <u>3-Jul-08</u>

(This space for State use only)



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

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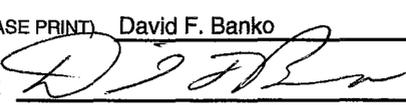
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ---	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: NA NA	
		8. WELL NAME and NUMBER: Greentown State 31-362216C	
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		9. API NUMBER: 43-019-31569	
2. NAME OF OPERATOR: <b>Delta Petroleum Corporation</b>		10. FIELD AND POOL, OR WILDCAT: Exploratory	
3. ADDRESS OF OPERATOR: 370 17th Street, Suite 4300		PHONE NUMBER: 303-293-9133	
3. ADDRESS OF OPERATOR: Denver CO 80202 CITY STATE ZIP			
4. LOCATION OF WELL			
FOOTAGES AT SURFACE: 1,025' FNL 2,290' FEL		COUNTY: Grand	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW /4 NE /4 Sec. 36 T 22S R 16E		SLB&M	STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 6/14/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>REPORT OF OPERATIONS</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**CONFIDENTIAL**

**Well update: Horizontal laterals** into Cane Creek Fm  
4-16-08 Set whipstock 8,348' TVD/MD  
5-4-08 **Drilled 1st horizontal lateral** into Cane Creek Fm to 10, 200' MD  
5-7-08 GIH w/drillpipe, unload hole, attempt to flow test. No flow. Attempt to re-enter 1st horizontal open hole, no success.  
5-13-08 Set CIBP in 7" csg at 8,322' TVD  
5-14-08 Set whipstock in 7" csg at 8,318' TVD/MD. **Drig 2nd horizontal lateral** into Cane Creek Fm.  
6-2-08 T.D. 2nd horizontal lateral into Cane Creek Fm, 11,475' MD, 8,626' TVD  
BHL: 3,444' FNL, 725' FEL Sec 36  
See attached directional drilling plat & survey report *578261X 38.852440*  
6-4-08 Ran 3 1/2" liner & perf pipe, liner top at 8,150' TVD/MD in 7", inflate cementing packer in open hole at 8,775' MD  
Cement 8,775' MD - 8,150' TVD/MD with 110 sxs Elasticem Premium, 15.3 ppg, 1.29 cu ft/sk  
Clean out w/coil tbg and test  
6-14-08 Set CIBP in 7" at 8,059' TVD/MD  
Set 2nd CIBP in 7" at 7,553' TVD/MD *43005814 -110.098105*

NAME (PLEASE PRINT) <u>David F. Banko</u>	TITLE <u>Delta Petroleum Corporation</u>
SIGNATURE 	DATE <u>3-Jul-08</u>

(This space for State use only)

**RECEIVED**

**JUL 08 2008**

**DIV. OF OIL, GAS & MINING**



Company: Delta  
 Field: Grand Co., UT  
 Location: Sec.36-T22S-R16E  
 Well: Greentown State #31-362216  
 Wellbore #1  
 Survey: Survey Lat #1 (Greentown State #31-362216/Wellbore #1)



*CC drilled #1 & #2*

**WELL DETAILS: Greentown State #31-362216**

Ground Level: 4212.0						
+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	6756328.25	2037327.90	38° 51' 33.355 N	110° 6' 22.327 W	

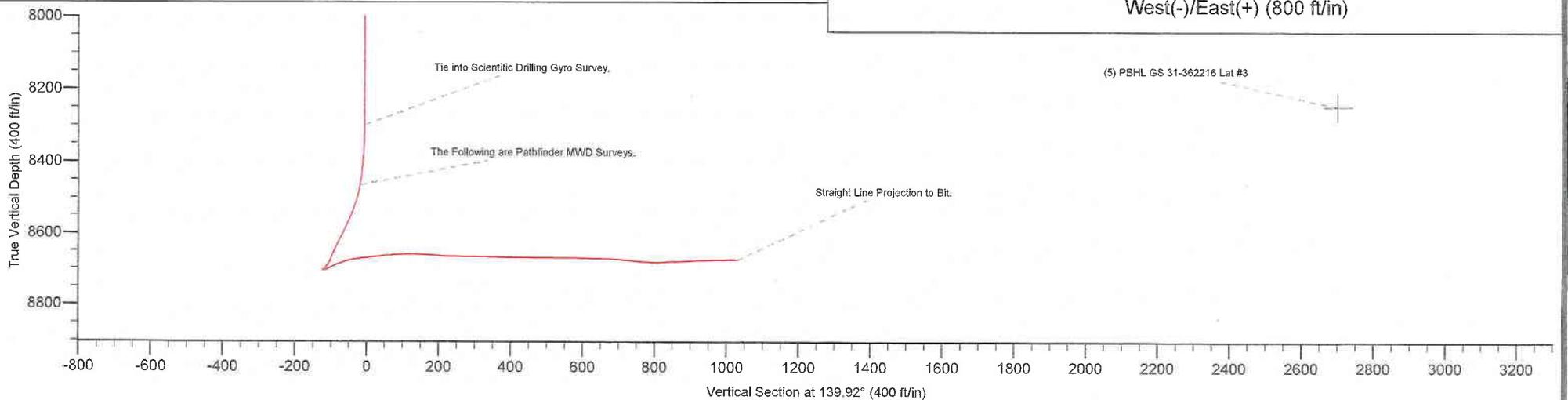
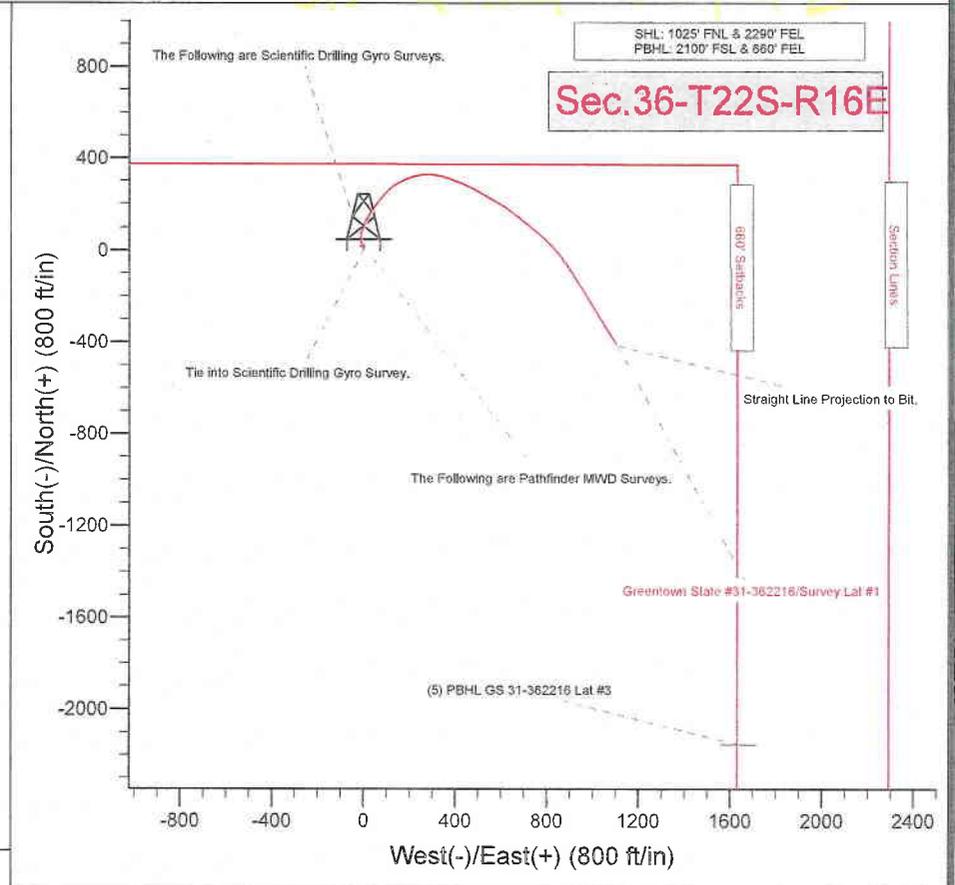
**WELLBORE TARGET DETAILS**

Name	TVD	+N-S	+E-W	Shape
(5) PBHL GS 31-362216 Lat #3	8247.0	-2154.0	1637.0	Point

**ANNOTATIONS**

TVD	MD	Annotation
100.1	100.0	The Following are Scientific Drilling Gyro Surveys.
8299.7	8300.0	Tie into Scientific Drilling Gyro Survey.
8465.9	8467.0	The Following are Pathfinder MWD Surveys.
8676.6	10200.0	Straight Line Projection to Bit.

Azimuths to True North  
 Magnetic North: 11.51°  
 Magnetic Field  
 Strength: 51942.8snT  
 Dip Angle: 64.88°  
 Date: 6/4/2008  
 Model: IGRF200510





Company: Delta  
 Field: Grand Co., UT  
 Location: Sec.36-T22S-R16E  
 Well: Greentown State #31-362216  
 Wellbore #1



Survey: Survey Lat #2 (Greentown State #31-362216/Wellbore #1)

**WELL DETAILS: Greentown State #31-362216**

Ground Level: 4212.0						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	6756328.25	2037327.90	38° 51' 33.355 N	110° 6' 22.327 W	

**WELLBORE TARGET DETAILS**

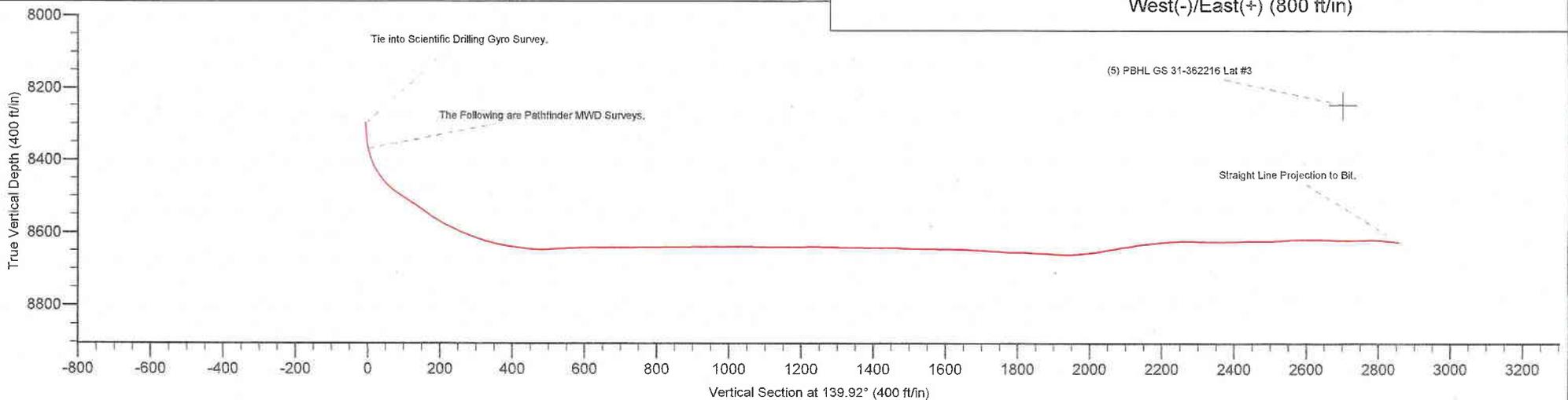
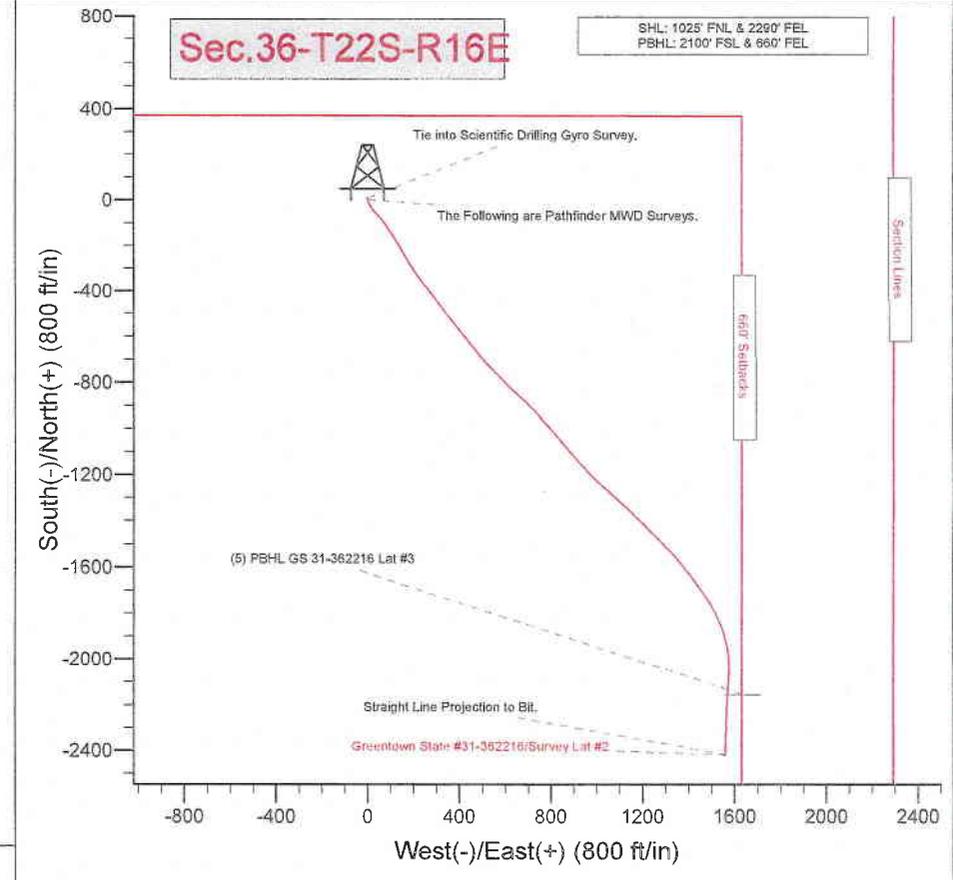
Name	TVD	+N/-S	+E/-W	Shape
(5) PBHL GS 31-362216 Lat #3	8247.0	-2154.0	1637.0	Point

**ANNOTATIONS**

TVD	MD	Annotation
8299.6	8300.0	Tie into Scientific Drilling Gyro Survey.
8369.0	8370.0	The Following are Pathfinder MWD Surveys.
8626.1	11475.0	Straight Line Projection to Bit.

**Azimuths to True North**  
 Magnetic North: 11.51°

**Magnetic Field**  
 Strength: 51942.8snT  
 Dip Angle: 64.88°  
 Date: 6/4/2008  
 Model: IGRF200510



# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
GREENTOWN STATE 31-362216 LAT #2  
GREENTOWN

Rig:DHS 1  
PathFinder Office Supervisor: RICH ARNOLD  
PathFinder Field Engineers: SETH LINAMAN  
AARON FOREHAND

Survey Horiz. Reference:WELLHEAD  
Ref Coordinates: LAT:38.51.33.3550 N LON:110.6.22.3268 W  
GRID Reference:NAD83 utah central Lambert  
Ref GRID Coord: X: 2037327.9103 Y: 6756328.2479  
North Aligned To:TRUE NORTH  
Total Magnetic Correction:11.53° EAST TO TRUE  
Vertical Section Plane: 139.92  
Survey Vert. Reference: 23.00' Rotary Bushing To Ground  
Altitude:2412.00' Ground To MSL

Survey Calculations by PathCalc v1.97j using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
THE FOLLOWING ARE SCIENTIFIC DRILLING GYRO SURVEYS										
100.00	0.44	84.93	100.01	0.00	-0.22	0.49 S	0.92 W	1.04@	241.86	0.00
200.00	0.89	84.93	200.01	100.00	0.45	0.39 S	0.24 E	0.46@	148.63	0.45
300.00	1.33	84.93	299.99	100.00	1.56	0.22 S	2.17 E	2.18@	95.74	0.44
400.00	1.05	73.96	399.96	100.00	2.60	0.14 N	4.20 E	4.21@	88.12	0.36
500.00	1.24	23.40	499.95	100.00	2.49	1.38 N	5.51 E	5.68@	75.91	0.99
600.00	1.50	2.37	599.92	100.00	1.04	3.68 N	6.00 E	7.04@	58.43	0.56
700.00	1.98	359.01	699.87	100.00	-1.26	6.72 N	6.02 E	9.02@	41.86	0.49
800.00	1.95	356.53	799.81	100.00	-3.97	10.15 N	5.89 E	11.73@	30.13	0.09
900.00	1.11	353.45	899.78	100.00	-6.14	12.81 N	5.68 E	14.01@	23.90	0.84
1000.00	0.63	346.44	999.77	100.00	-7.44	14.30 N	5.44 E	15.30@	20.81	0.49
1100.00	0.56	342.31	1099.76	100.00	-8.39	15.30 N	5.16 E	16.15@	18.63	0.08
1200.00	0.55	330.96	1199.76	100.00	-9.31	16.19 N	4.78 E	16.88@	16.44	0.11
1300.00	0.57	323.86	1299.75	100.00	-10.28	17.01 N	4.25 E	17.53@	14.03	0.07
1400.00	0.42	309.79	1399.75	100.00	-11.13	17.65 N	3.68 E	18.02@	11.77	0.19
1500.00	0.37	294.89	1499.74	100.00	-11.79	18.02 N	3.10 E	18.28@	9.77	0.11
1600.00	0.51	271.15	1599.74	100.00	-12.37	18.16 N	2.36 E	18.31@	7.42	0.23
1700.00	0.53	266.47	1699.74	100.00	-12.94	18.14 N	1.46 E	18.20@	4.59	0.05
1800.00	0.81	271.35	1799.73	100.00	-13.69	18.13 N	0.29 E	18.13@	0.91	0.29
1900.00	0.77	270.59	1899.72	100.00	-14.59	18.15 N	1.09 W	18.19@	356.56	0.04
2000.00	0.79	271.00	1999.71	100.00	-15.48	18.17 N	2.45 W	18.34@	352.32	0.02
2100.00	0.60	263.41	2099.70	100.00	-16.22	18.12 N	3.66 W	18.49@	348.58	0.21
2200.00	0.51	255.49	2199.70	100.00	-16.71	17.95 N	4.61 W	18.54@	345.59	0.12
2300.00	0.55	246.33	2299.70	100.00	-17.03	17.65 N	5.48 W	18.48@	342.74	0.09
2400.00	0.53	233.87	2399.69	100.00	-17.20	17.18 N	6.29 W	18.30@	339.88	0.12
2500.00	0.57	222.04	2499.69	100.00	-17.16	16.54 N	7.00 W	17.96@	337.06	0.12
2600.00	0.55	208.27	2599.68	100.00	-16.92	15.75 N	7.56 W	17.47@	334.35	0.14

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-362216 LAT #2  
 GREENTOWN  
 RIG:DHS 1

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
2700.00	0.59	191.22	2699.68	100.00	-16.42	14.82 N	7.89 W	16.79@	331.97	0.17
2800.00	0.60	195.91	2799.67	100.00	-15.81	13.81 N	8.13 W	16.03@	329.51	0.05
2900.00	0.33	191.82	2899.67	100.00	-15.33	13.03 N	8.34 W	15.47@	327.39	0.27
3000.00	0.23	241.70	2999.67	100.00	-15.20	12.65 N	8.57 W	15.28@	325.88	0.25
3100.00	0.26	245.77	3099.67	100.00	-15.30	12.46 N	8.96 W	15.35@	324.30	0.03
3200.00	0.26	282.13	3199.67	100.00	-15.54	12.42 N	9.38 W	15.56@	322.92	0.16
3300.00	0.18	296.56	3299.66	100.00	-15.87	12.53 N	9.75 W	15.88@	322.13	0.10
3400.00	0.13	357.83	3399.66	100.00	-16.10	12.72 N	9.89 W	16.11@	322.13	0.16
3500.00	0.13	27.85	3499.66	100.00	-16.23	12.93 N	9.84 W	16.25@	322.72	0.07
3600.00	0.15	53.48	3599.66	100.00	-16.27	13.11 N	9.68 W	16.30@	323.55	0.07
3700.00	0.14	71.59	3699.66	100.00	-16.21	13.23 N	9.46 W	16.26@	324.42	0.05
3800.00	0.14	89.24	3799.66	100.00	-16.09	13.27 N	9.22 W	16.16@	325.19	0.04
3900.00	0.90	66.57	3899.66	100.00	-15.79	13.58 N	8.38 W	15.96@	328.32	0.77
4000.00	0.14	65.11	3999.65	100.00	-15.53	13.94 N	7.55 W	15.86@	331.56	0.76
4100.00	0.17	50.15	4099.65	100.00	-15.50	14.09 N	7.33 W	15.88@	332.53	0.05
4200.00	0.28	59.63	4199.65	100.00	-15.46	14.31 N	7.00 W	15.93@	333.93	0.12
4300.00	0.38	71.07	4299.65	100.00	-15.30	14.54 N	6.48 W	15.92@	335.99	0.12
4400.00	0.47	81.05	4399.65	100.00	-14.96	14.71 N	5.76 W	15.80@	338.63	0.12
4500.00	0.50	79.68	4499.64	100.00	-14.53	14.85 N	4.92 W	15.65@	341.66	0.03
4600.00	0.70	91.14	4599.64	100.00	-13.92	14.92 N	3.88 W	15.42@	345.41	0.23
4700.00	0.71	101.30	4699.63	100.00	-13.03	14.79 N	2.67 W	15.02@	349.78	0.13
4800.00	0.77	105.97	4799.62	100.00	-11.99	14.48 N	1.41 W	14.55@	354.43	0.09
4900.00	0.65	106.76	4899.62	100.00	-10.96	14.13 N	0.22 W	14.13@	359.10	0.12
5000.00	0.63	109.80	4999.61	100.00	-10.01	13.78 N	0.84 E	13.81@	3.48	0.04
5100.00	0.58	108.71	5099.60	100.00	-9.10	13.43 N	1.83 E	13.56@	7.78	0.05
5200.00	0.58	107.94	5199.60	100.00	-8.23	13.11 N	2.80 E	13.41@	12.03	0.01
5300.00	0.61	120.20	5299.59	100.00	-7.30	12.69 N	3.74 E	13.23@	16.41	0.13
5400.00	0.56	113.88	5399.59	100.00	-6.36	12.23 N	4.64 E	13.08@	20.80	0.08
5500.00	0.08	313.78	5499.59	100.00	-5.99	12.08 N	5.04 E	13.09@	22.66	0.64

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-362216 LAT #2  
 GREENTOWN  
 RIG:DHS 1

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
5600.00	0.07	265.57	5599.59	100.00	-6.10	12.12 N	4.93 E	13.08@	22.13	0.06
5700.00	0.10	240.74	5699.59	100.00	-6.15	12.07 N	4.79 E	12.99@	21.65	0.05
5800.00	0.07	72.31	5799.59	100.00	-6.14	12.05 N	4.77 E	12.96@	21.62	0.17
5900.00	0.07	88.99	5899.59	100.00	-6.08	12.07 N	4.89 E	13.02@	22.07	0.02
6000.00	0.04	52.27	5999.59	100.00	-6.04	12.09 N	4.98 E	13.08@	22.40	0.04
6100.00	0.13	250.54	6099.59	100.00	-6.08	12.07 N	4.90 E	13.03@	22.10	0.17
6200.00	0.17	240.38	6199.59	100.00	-6.15	11.96 N	4.67 E	12.84@	21.31	0.05
6300.00	0.24	158.33	6299.59	100.00	-5.98	11.69 N	4.62 E	12.57@	21.54	0.27
6400.00	0.20	187.73	6399.58	100.00	-5.66	11.33 N	4.67 E	12.25@	22.40	0.12
6500.00	0.15	173.54	6499.58	100.00	-5.43	11.02 N	4.66 E	11.97@	22.92	0.07
6600.00	0.07	249.49	6599.58	100.00	-5.35	10.87 N	4.62 E	11.81@	23.01	0.15
6700.00	0.15	217.42	6699.58	100.00	-5.34	10.75 N	4.48 E	11.64@	22.63	0.10
6800.00	0.05	275.79	6799.58	100.00	-5.34	10.65 N	4.36 E	11.50@	22.26	0.13
6900.00	0.13	282.59	6899.58	100.00	-5.46	10.68 N	4.20 E	11.47@	21.49	0.08
7000.00	0.12	245.41	6999.58	100.00	-5.58	10.66 N	4.00 E	11.38@	20.56	0.08
7100.00	0.04	25.07	7099.58	100.00	-5.62	10.65 N	3.92 E	11.34@	20.20	0.15
7200.00	0.08	218.87	7199.58	100.00	-5.62	10.62 N	3.89 E	11.31@	20.11	0.12
7300.00	0.05	279.32	7299.58	100.00	-5.64	10.58 N	3.80 E	11.24@	19.77	0.07
7400.00	0.21	168.80	7399.58	100.00	-5.52	10.40 N	3.79 E	11.07@	20.04	0.23
7500.00	0.19	134.80	7499.58	100.00	-5.19	10.11 N	3.95 E	10.85@	21.34	0.12
7600.00	0.09	45.89	7599.58	100.00	-5.03	10.04 N	4.12 E	10.86@	22.31	0.21
7700.00	0.07	228.39	7699.58	100.00	-5.04	10.06 N	4.13 E	10.87@	22.33	0.16
7800.00	0.28	265.82	7799.58	100.00	-5.18	10.00 N	3.84 E	10.71@	21.02	0.23
7900.00	0.41	120.83	7899.58	100.00	-4.98	9.80 N	3.91 E	10.55@	21.74	0.66
8000.00	0.32	209.39	7999.58	100.00	-4.55	9.37 N	4.08 E	10.22@	23.51	0.51
8100.00	0.67	242.12	8099.58	100.00	-4.57	8.86 N	3.42 E	9.49@	21.13	0.44
8200.00	0.45	206.77	8199.57	100.00	-4.54	8.23 N	2.73 E	8.67@	18.34	0.40
** TIE-IN TO SCIENTIFIC DRILLING GYRO SURVEY.										
8300.00	0.13	207.41	8299.57	100.00	-4.34	7.78 N	2.50 E	8.17@	17.81	0.32
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
8370.00	12.49	170.70	8369.01	70.00	2.22	0.21 N	3.69 E	3.70@	86.74	17.69
8402.00	21.63	164.72	8399.57	32.00	10.56	8.91 S	5.81 E	10.64@	146.91	29.05
8434.00	30.42	153.82	8428.32	32.00	23.81	21.91 S	10.95 E	24.49@	153.44	31.17

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-362216 LAT #2  
 GREENTOWN  
 RIG:DHS 1

Page 04/07

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
8466.00	39.13	145.65	8454.59	32.00	41.77	37.55 S	20.25 E	42.66@	151.67	30.82
8498.00	47.92	139.76	8477.78	32.00	63.74	54.99 S	33.65 E	64.47@	148.54	30.23
8530.00	57.51	135.98	8497.15	32.00	89.15	73.81 S	50.74 E	89.57@	145.49	31.40
8562.00	56.72	141.61	8514.53	32.00	116.00	94.01 S	68.43 E	116.28@	143.95	14.98
8594.00	55.22	145.12	8532.44	32.00	142.46	115.28 S	84.26 E	142.79@	143.84	10.23
8626.00	55.05	147.41	8550.74	32.00	168.55	137.12 S	98.84 E	169.03@	144.21	5.90
8658.00	59.62	147.76	8568.00	32.00	195.24	159.85 S	113.28 E	195.92@	144.68	14.31
8690.00	64.10	149.69	8583.09	32.00	223.12	183.97 S	127.91 E	224.07@	145.19	14.98
8722.00	67.62	151.01	8596.18	32.00	251.83	209.34 S	142.35 E	253.16@	145.78	11.63
8754.00	68.24	150.66	8608.20	32.00	280.95	235.24 S	156.80 E	282.71@	146.31	2.19
8786.00	71.05	149.69	8619.33	32.00	310.47	261.26 S	171.72 E	312.65@	146.68	9.23
8818.00	75.01	148.82	8628.67	32.00	340.66	287.56 S	187.37 E	343.22@	146.91	12.65
8850.00	78.70	146.35	8635.95	32.00	371.54	313.86 S	204.07 E	374.37@	146.97	13.76
8881.00	80.90	144.51	8641.44	31.00	401.91	338.98 S	221.39 E	404.87@	146.85	9.19
8913.00	82.83	143.28	8645.97	32.00	433.51	364.57 S	240.05 E	436.50@	146.64	7.13
8945.00	86.61	142.40	8648.91	32.00	465.32	389.96 S	259.30 E	468.30@	146.38	12.13
8977.00	92.95	143.10	8649.03	32.00	497.27	415.42 S	278.66 E	500.22@	146.15	19.93
9009.00	93.74	143.10	8647.17	32.00	529.16	440.96 S	297.84 E	532.12@	145.96	2.47
9041.00	91.80	143.28	8645.62	32.00	561.07	466.55 S	316.99 E	564.05@	145.81	6.09
9073.00	91.45	142.22	8644.71	32.00	593.02	492.01 S	336.35 E	595.99@	145.64	3.49
9105.00	91.28	142.13	8643.95	32.00	624.99	517.28 S	355.97 E	627.93@	145.47	0.60
9137.00	89.96	141.78	8643.60	32.00	656.96	542.48 S	375.68 E	659.87@	145.30	4.27
9169.00	89.34	141.52	8643.80	32.00	688.95	567.57 S	395.54 E	691.80@	145.13	2.10
9201.00	91.19	141.87	8643.65	32.00	720.93	592.68 S	415.37 E	723.75@	144.98	5.88
9233.00	90.75	141.26	8643.11	32.00	752.91	617.75 S	435.26 E	755.69@	144.83	2.35
9265.00	90.31	139.68	8642.81	32.00	784.91	642.43 S	455.63 E	787.60@	144.65	5.13
9297.00	91.01	140.38	8642.44	32.00	816.91	666.95 S	476.18 E	819.49@	144.47	3.09
9329.00	90.66	139.76	8641.98	32.00	848.90	691.48 S	496.72 E	851.40@	144.31	2.22
9361.00	90.57	137.92	8641.63	32.00	880.89	715.57 S	517.78 E	883.26@	144.11	5.76

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-362216 LAT #2  
 GREENTOWN  
 RIG:DHS 1

Page 05/07

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
9393.00	90.31	136.34	8641.39	32.00	912.85	739.02 S	539.55 E	915.02@	143.87	5.00
9425.00	90.04	135.10	8641.29	32.00	944.77	761.93 S	561.89 E	946.71@	143.59	3.97
9457.00	90.66	136.34	8641.09	32.00	976.68	784.84 S	584.23 E	978.42@	143.34	4.33
9489.00	89.69	135.02	8641.00	32.00	1008.59	807.74 S	606.59 E	1010.14@	143.09	5.12
9521.00	89.87	133.70	8641.12	32.00	1040.44	830.11 S	629.46 E	1041.78@	142.83	4.16
9553.00	89.34	131.76	8641.34	32.00	1072.19	851.82 S	652.97 E	1073.30@	142.53	6.28
9584.00	88.46	130.09	8641.94	31.00	1102.80	872.12 S	676.39 E	1103.67@	142.20	6.09
9616.00	89.78	134.40	8642.43	32.00	1134.50	893.63 S	700.07 E	1135.19@	141.93	14.08
9647.00	89.78	134.66	8642.55	31.00	1165.36	915.37 S	722.16 E	1165.94@	141.73	0.84
9679.00	91.45	140.03	8642.20	32.00	1197.31	938.89 S	743.84 E	1197.84@	141.61	17.57
9711.00	90.75	140.11	8641.59	32.00	1229.31	963.43 S	764.37 E	1229.82@	141.57	2.20
9742.00	88.46	139.06	8641.80	31.00	1260.30	987.03 S	784.47 E	1260.80@	141.52	8.13
9775.00	88.29	138.36	8642.74	33.00	1293.28	1011.81 S	806.24 E	1293.75@	141.45	2.18
9807.00	89.60	139.94	8643.33	32.00	1325.27	1036.01 S	827.16 E	1325.71@	141.40	6.41
9839.00	89.69	139.41	8643.53	32.00	1357.27	1060.41 S	847.87 E	1357.70@	141.36	1.68
9871.00	88.02	138.88	8644.16	32.00	1389.26	1084.61 S	868.80 E	1389.67@	141.30	5.48
9903.00	90.31	139.59	8644.63	32.00	1421.25	1108.84 S	889.69 E	1421.64@	141.26	7.49
9935.00	89.60	138.88	8644.66	32.00	1453.25	1133.07 S	910.58 E	1453.62@	141.21	3.14
9967.00	87.85	137.04	8645.37	32.00	1485.22	1156.83 S	932.00 E	1485.56@	141.14	7.93
9999.00	89.16	137.74	8646.20	32.00	1517.18	1180.37 S	953.66 E	1517.48@	141.06	4.64
10030.00	88.55	135.98	8646.82	31.00	1548.13	1202.99 S	974.85 E	1548.39@	140.98	6.01
10062.00	89.08	134.05	8647.48	32.00	1580.00	1225.62 S	997.47 E	1580.21@	140.86	6.25
10094.00	89.34	132.03	8647.93	32.00	1611.77	1247.45 S	1020.85 E	1611.92@	140.70	6.36
10126.00	88.55	131.59	8648.52	32.00	1643.44	1268.78 S	1044.70 E	1643.53@	140.53	2.83
10158.00	87.23	130.89	8649.69	32.00	1675.05	1289.86 S	1068.74 E	1675.10@	140.36	4.67
10190.00	86.70	131.76	8651.39	32.00	1706.65	1310.96 S	1092.74 E	1706.67@	140.19	3.18
10222.00	86.00	133.26	8653.42	32.00	1738.31	1332.54 S	1116.28 E	1738.32@	140.05	5.16
10254.00	86.61	133.08	8655.49	32.00	1770.03	1354.39 S	1139.57 E	1770.03@	139.92	1.99
10285.00	90.75	136.86	8656.20	31.00	1800.89	1376.28 S	1161.49 E	1800.89@	139.84	18.08

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-362216 LAT #2  
 GREENTOWN  
 RIG:DHS 1

Page 06/07

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
10318.00	87.05	132.64	8656.84	33.00	1833.74	1399.50 S	1184.91 E	1833.75@	139.75	17.00
10349.00	86.44	133.96	8658.60	31.00	1864.48	1420.73 S	1207.43 E	1864.50@	139.64	4.68
10381.00	85.91	134.05	8660.73	32.00	1896.24	1442.91 S	1230.40 E	1896.28@	139.55	1.68
10413.00	88.29	132.73	8662.35	32.00	1927.99	1464.86 S	1253.62 E	1928.05@	139.44	8.50
10444.00	93.30	134.40	8661.92	31.00	1958.78	1486.22 S	1276.07 E	1958.88@	139.35	17.03
10476.00	96.64	135.90	8659.15	32.00	1990.55	1508.81 S	1298.55 E	1990.67@	139.28	11.43
10508.00	98.66	136.51	8654.89	32.00	2022.19	1531.71 S	1320.50 E	2022.34@	139.23	6.59
10540.00	99.72	138.88	8649.78	32.00	2053.76	1555.07 S	1341.76 E	2053.91@	139.21	8.03
10572.00	100.16	139.50	8644.25	32.00	2085.27	1578.92 S	1362.36 E	2085.43@	139.21	2.35
10604.00	99.45	141.34	8638.80	32.00	2116.80	1603.22 S	1382.45 E	2116.96@	139.23	6.08
10636.00	97.08	142.05	8634.20	32.00	2148.45	1628.07 S	1402.08 E	2148.59@	139.27	7.72
10668.00	95.67	142.31	8630.65	32.00	2180.23	1653.19 S	1421.58 E	2180.35@	139.31	4.48
10700.00	95.67	143.54	8627.49	32.00	2212.03	1678.60 S	1440.78 E	2212.13@	139.36	3.82
10732.00	93.74	144.95	8624.86	32.00	2243.83	1704.48 S	1459.41 E	2243.91@	139.43	7.46
10763.00	88.46	145.12	8624.27	31.00	2274.69	1729.87 S	1477.17 E	2274.75@	139.51	17.04
10796.00	88.11	148.46	8625.26	33.00	2307.43	1757.46 S	1495.23 E	2307.47@	139.61	10.17
10828.00	88.20	152.15	8626.29	32.00	2338.88	1785.24 S	1511.07 E	2338.89@	139.75	11.53
10860.00	91.19	153.30	8626.46	32.00	2370.08	1813.68 S	1525.73 E	2370.08@	139.93	10.01
10891.00	92.07	157.34	8625.57	31.00	2399.95	1841.83 S	1538.67 E	2399.97@	140.12	13.33
10924.00	91.89	160.24	8624.43	33.00	2431.16	1872.57 S	1550.60 E	2431.23@	140.37	8.80
10955.00	89.69	163.76	8624.01	31.00	2459.87	1902.05 S	1560.18 E	2460.07@	140.64	13.39
10988.00	89.87	166.74	8624.13	33.00	2489.70	1933.96 S	1568.58 E	2490.11@	140.96	9.05
11019.00	93.12	171.05	8623.32	31.00	2516.80	1964.35 S	1574.55 E	2517.51@	141.29	17.41
11052.00	93.65	175.01	8621.38	33.00	2544.39	1997.05 S	1578.54 E	2545.58@	141.68	12.09
11084.00	92.51	179.14	8619.65	32.00	2569.85	2028.95 S	1580.17 E	2571.69@	142.09	13.37
11116.00	89.78	180.72	8619.02	32.00	2594.35	2060.94 S	1580.21 E	2597.03@	142.52	9.86
11147.00	90.31	184.59	8618.99	31.00	2617.11	2091.90 S	1578.78 E	2620.80@	142.96	12.60
11179.00	88.37	184.59	8619.36	32.00	2639.87	2123.80 S	1576.21 E	2644.80@	143.42	6.06
11211.00	88.55	183.88	8620.22	32.00	2662.76	2155.70 S	1573.85 E	2669.09@	143.87	2.29

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-362216 LAT #2  
 GREENTOWN  
 RIG:DHS 1

Page 07/07

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
11243.00	89.16	183.27	8620.86	32.00	2685.91	2187.63 S	1571.86 E	2693.78@	144.30	2.70
11276.00	90.04	181.42	8621.09	33.00	2710.26	2220.60 S	1570.51 E	2719.84@	144.73	6.21
11308.00	90.22	181.25	8621.02	32.00	2734.26	2252.59 S	1569.76 E	2745.60@	145.13	0.77
11339.00	91.45	182.39	8620.57	31.00	2757.33	2283.57 S	1568.78 E	2770.51@	145.51	5.41
11371.00	91.01	182.83	8619.88	32.00	2780.85	2315.53 S	1567.32 E	2796.10@	145.91	1.94
11403.00	85.74	180.98	8620.79	32.00	2804.61	2347.48 S	1566.26 E	2822.03@	146.29	17.45
STRAIGHT LINE PROJECTION TO BIT.										
11475.00	85.74	180.98	8626.13	72.00	2858.75	2419.28 S	1565.03 E	2881.36@	147.10	0.00

\*\* The survey data at tie-in point was furnished by a recognized survey company and entered as submitted. Survey stations above the tie-in point represent recalculated data by PathFinder Energy Services, Inc. and may reflect minor changes due to rounding differences between survey programs. Only survey stations taken by qualified PathFinder personnel are subject to certification.

**CONFIDENTIAL**

LEASE DESIGNATION AND SERIAL NUMBER:  
ML-50325

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR:  
**Delta Petroleum Corporation**

3. ADDRESS OF OPERATOR:  
370 17th Street, Suite 4300 Denver CO 80202 PHONE NUMBER: 303-293-9133

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 1,025' FNL 2,290' FEL COUNTY: Grand  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW /4 NE /4 Sec. 36 T 22S R 16E SLB&M STATE: Utah

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
---

7. UNIT or CA AGREEMENT NAME:  
NA NA

8. WELL NAME and NUMBER:  
Greentown State 31-362216C

9. API NUMBER:  
43-019-31569

10. FIELD AND POOL, OR WILDCAT:  
Exploratory

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 6/25/2008	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>REPORT OF OPERATIONS</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

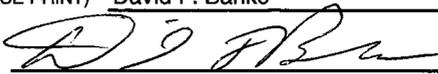
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**CONFIDENTIAL**

Well update: Horizontal lateral into "O" Fm  
6-14-08 Set CIBP in 7" at 8,059' TVD/MD  
Set 2nd CIBP in 7" at 7,553' TVD/MD  
6-15-08 Set whipstock 7,526' TVD/MD  
6-25-08 Drilling horizontal lateral into "O" Fm at 8,498' MD

See attached proposed well path. Additional information will be provided as the well progresses.

NAME (PLEASE PRINT) David F. Banko TITLE Permit Agent For: Delta Petroleum Corporation

SIGNATURE  DATE 3-Jul-08

(This space for State use only)

**RECEIVED**  
**JUL 08 2008**  
**DIV. OF OIL, GAS & MINING**



Company: Delta  
 Field: Grand Co., UT  
 Location: Sec.36-T22S-R16E  
 Well: Greentown State #31-362216  
 Wellbore #1

"Plan"  
 O



Plan: Plan #8 Lat#3-ST (Greentown State #31-362216/Wellbore #1)

**WELL DETAILS: Greentown State #31-362216**

+N/-S	+E/-W	Northing	Ground Level: Easting	4212.0 Latitude	Longitude	Slot
0.0	0.0	6756328.25	2037327.90	38° 51' 33.355 N	110° 6' 22.327 W	

**WELLBORE TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Shape
(7) PBHL GS 31-362216 Lat #3	8240.6	-2154.0	1637.0	Point

**SECTION DETAILS**

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	8087.0	47.57	150.21	8012.5	-169.9	172.6	0.00	0.00	239.7	
2	8164.0	43.98	150.21	8066.2	-217.7	200.0	4.66	180.00	294.4	
3	8427.2	75.00	143.15	8198.3	-403.5	324.8	12.00	-13.11	517.8	(7) PBHL GS 31-362216 Lat #3
4	8611.2	89.50	143.15	8223.1	-549.0	433.9	7.88	0.02	699.6	
5	10617.2	89.50	143.14	8240.6	-2154.0	1637.0	0.00	-99.24	2705.5	

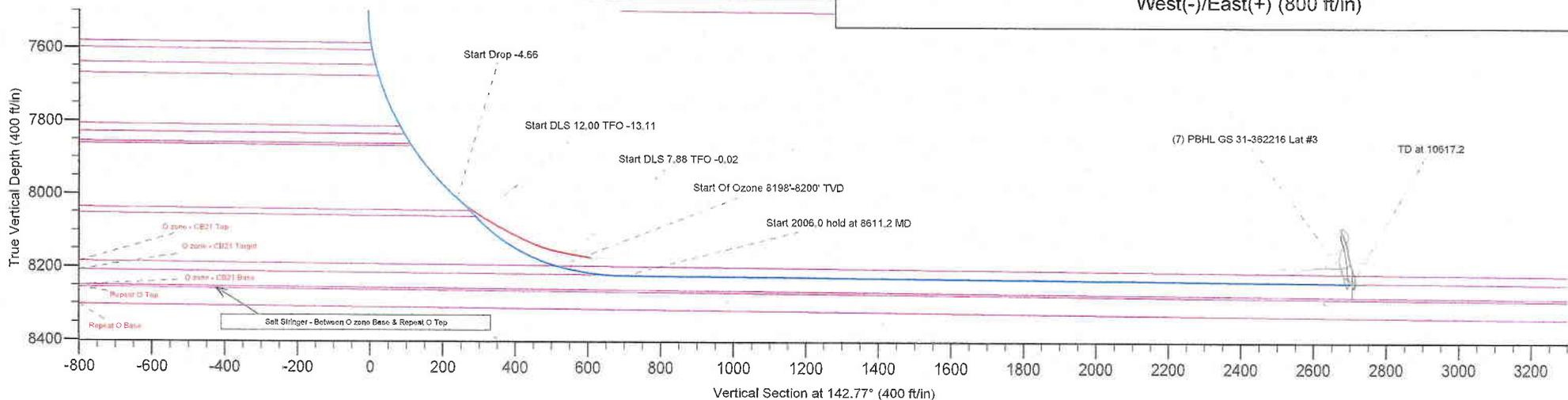
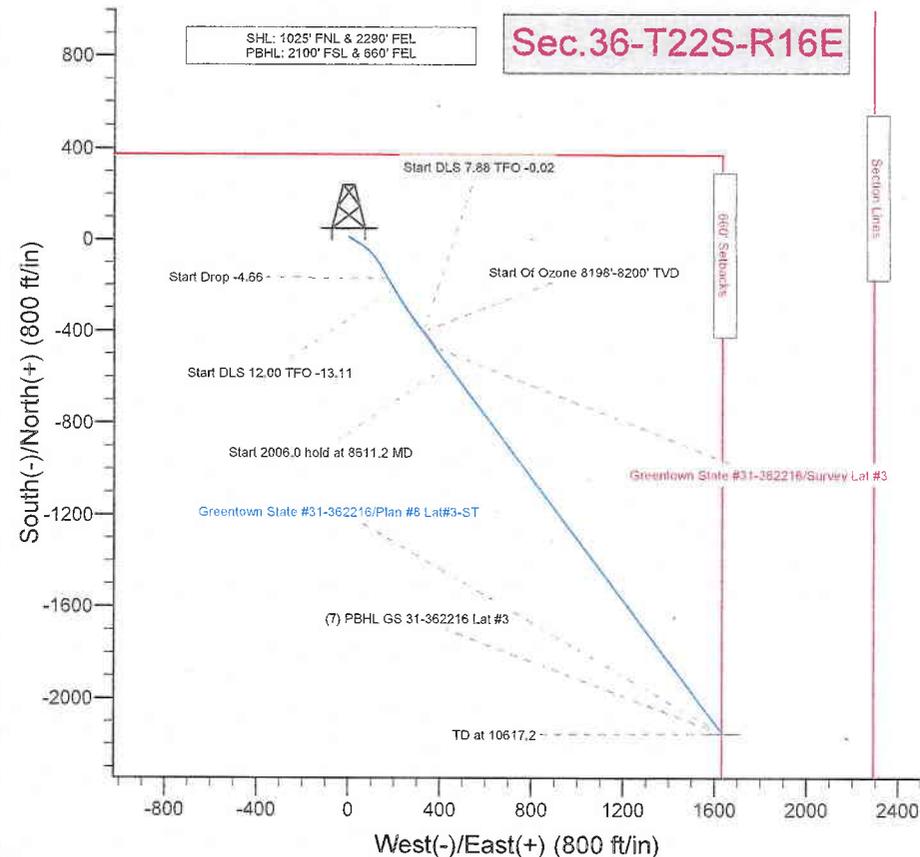
**FORMATION TOP DETAILS**

TVDPath	MDPath	Formation
		CB 15 Base
		CB 15 Top
		O zone - CB21 Base
		Repeat O Base
		Repeat O Top
7589.0	7589.9	CB 16 Top
7608.0	7609.3	CB 16 Base
7648.1	7650.7	CB 17 Top
7678.2	7682.3	CB 17 Base
7815.7	7833.6	CB 18 Top
7836.8	7858.0	CB 18 Base
7864.0	7889.7	CB 19 Top
7870.0	7896.8	CB 19 Base
8048.4	8139.0	CB 20 Top
8064.6	8161.7	CB 20 Base
8198.5	8428.0	O zone - CB21 Top
8222.9	8601.8	O zone - CB21 Target

**ANNOTATIONS**

TVD	MD	Annotation
8012.5	8087.0	Start Drop -4.66
8066.2	8164.0	Start DLS 12.00 TFO -13.11
8198.3	8427.2	Start Of Ozone 8198'-8200' TVD
8198.3	8427.2	Start DLS 7.88 TFO -0.02
8223.1	8611.2	Start 2006.0 hold at 8611.2 MD
8240.6	10617.2	TD at 10617.2

Azimuths to True North  
 Magnetic North: 11.61°  
 Magnetic Field  
 Strength: 51942.8snT  
 Dip Angle: 64.88°  
 Date: 6/4/2008  
 Model: IGRF200510



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/08/2008

API NO. ASSIGNED: 43-019-31569
--------------------------------

WELL NAME: GREENTOWN ST 31-362216H  
 OPERATOR: DELTA PETROLEUM CORP ( N2925 )  
 CONTACT: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

PROPOSED LOCATION:

NWNE 36 220S 160E  
 SURFACE:  
 BOTTOM:  
 COUNTY: GRAND  
 LATITUDE: 38.85907 LONGITUDE: -110.1036  
 UTM SURF EASTINGS: 577776 NORTHINGS: 4301312  
 FIELD NAME: WILDCAT ( 1 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 3 - State  
 LEASE NUMBER:  
 SURFACE OWNER: 3 - State

PROPOSED FORMATION:  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

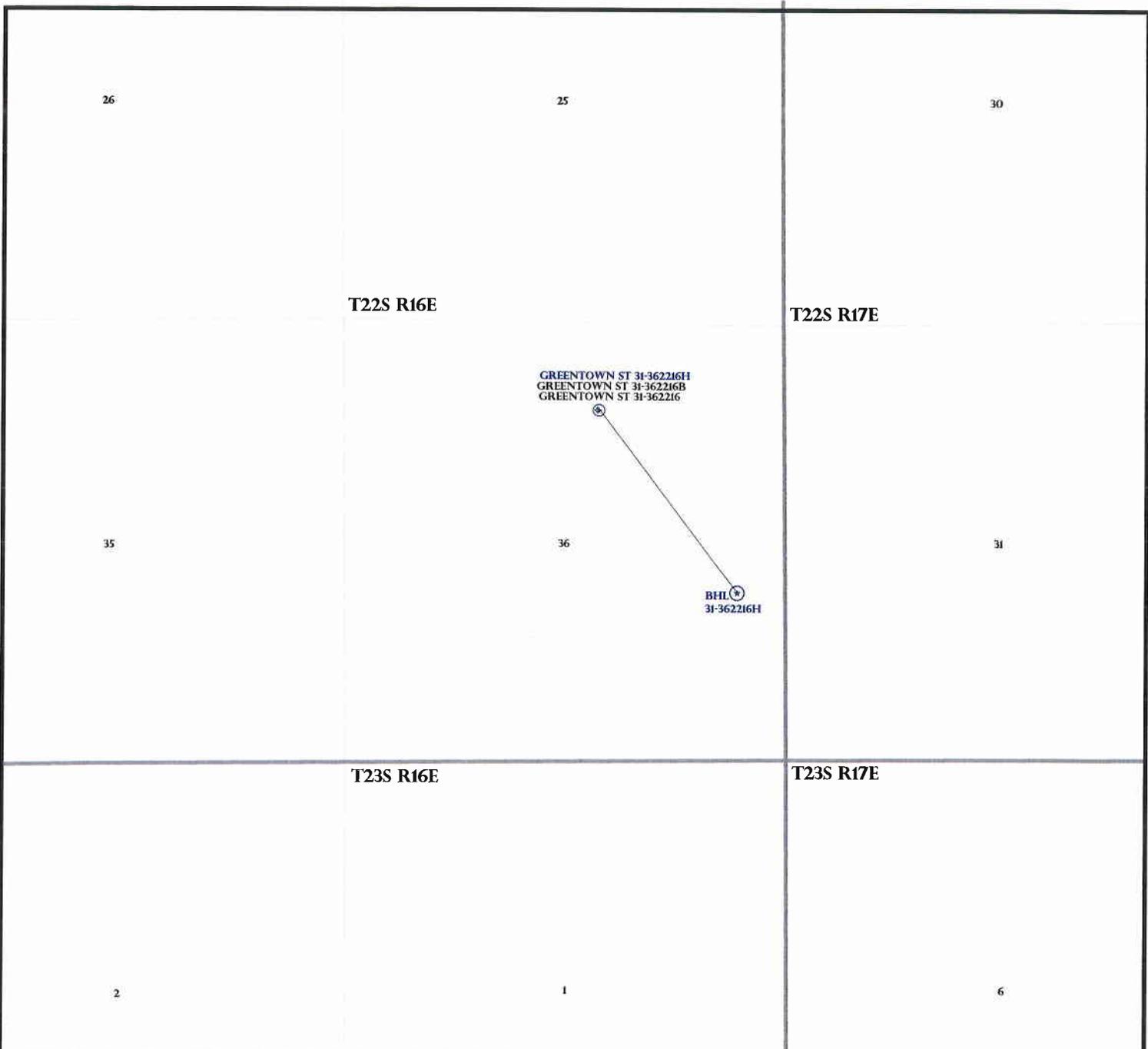
\_\_\_\_\_ Plat  
 \_\_\_\_\_ Bond: Fed[] Ind[] Sta[] Fee[]  
 (No. B003309 )  
 \_\_\_\_\_ Potash (Y/N)  
 \_\_\_\_\_ Oil Shale 190-5 (B) or 190-3 or 190-13  
 \_\_\_\_\_ Water Permit  
 (No. \_\_\_\_\_ )  
 \_\_\_\_\_ RDCC Review (Y/N)  
 (Date: \_\_\_ / \_\_\_ / \_\_\_ )  
 \_\_\_\_\_ Fee Surf Agreement (Y/N)  
 \_\_\_\_\_ Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_\_\_ R649-2-3.  
 Unit: \_\_\_\_\_  
 \_\_\_\_\_ R649-3-2. General  
 Siting: 460 From Qtr/Qtr & 920' Between Wells  
 \_\_\_\_\_ R649-3-3. Exception  
 \_\_\_\_\_ Drilling Unit  
 Board Cause No: \_\_\_\_\_  
 Eff Date: \_\_\_\_\_  
 Siting: \_\_\_\_\_  
 \_\_\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



OPERATOR: DELTA PETRO CO (N2925)  
 SEC: 36 T.22S R. 16E  
 FIELD: WILDCAT (001)  
 COUNTY: GRAND  
 SPACING: R649-3-2 / HORIZONTAL DRILLING

**Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

PREPARED BY: DIANA MASON  
 DATE: 7-AUGUST-2008

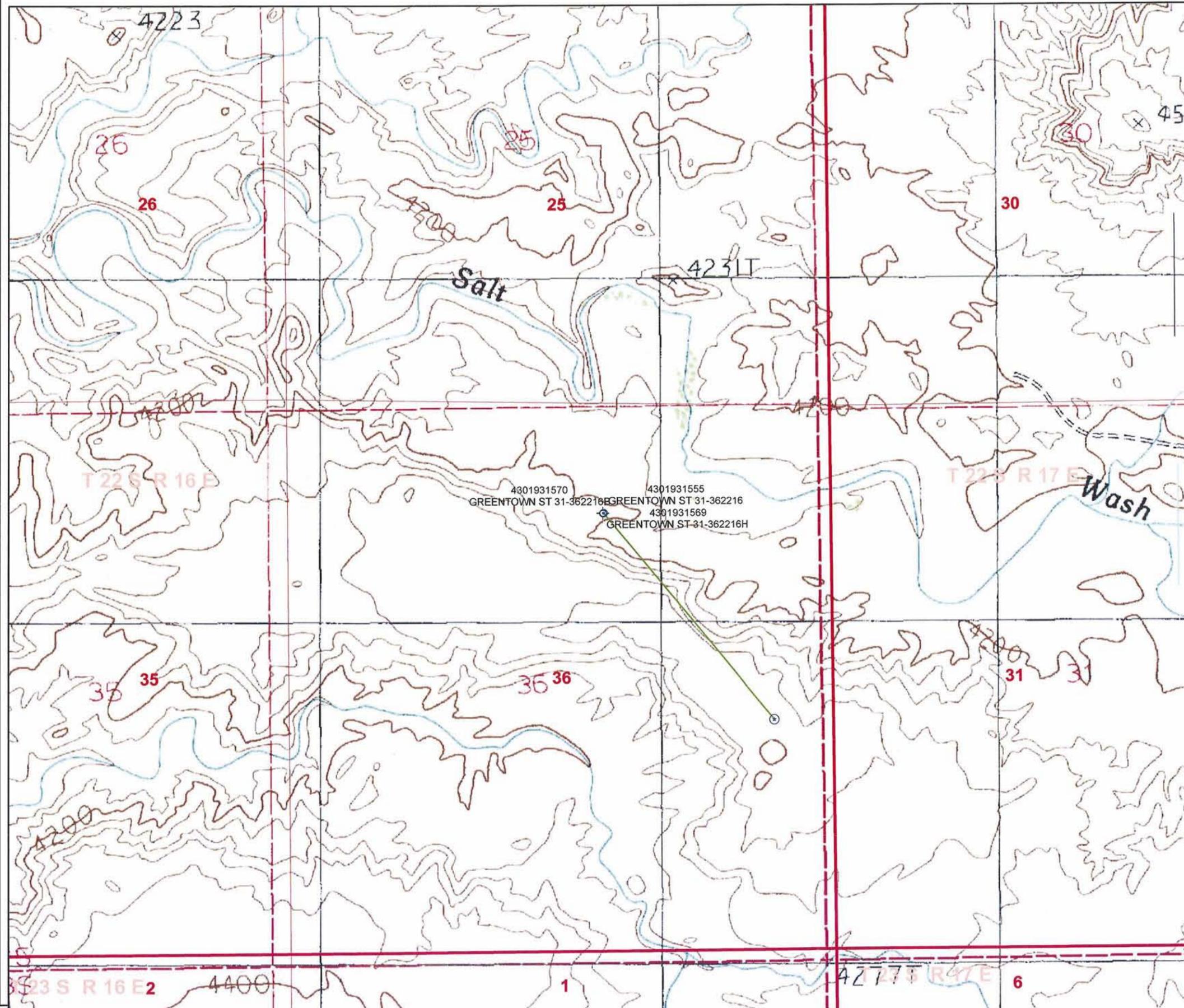
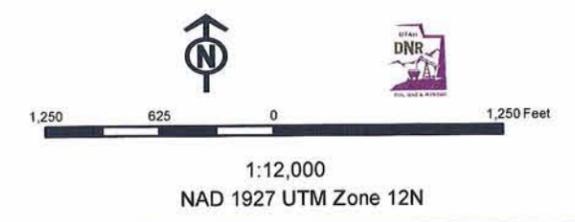
- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

- Unit Status**
- EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PENDING
  - PI OIL
  - PP GAS
  - PP GEOTHERML
  - PP OIL
  - SECONDARY
  - TERMINATED

**API Number: 4301931569**  
**Well Name: GREENTOWN ST 31-362216H**  
**Township 22.0 S Range 16.0 E Section 36**  
**Meridian: SLBM**  
**Operator: DELTA PETROLEUM CORP**

Map Prepared: 5/21/2008  
 Map Produced by Diana Mason

- | Units        | Wells Query          |
|--------------|----------------------|
| STATUS       | ✕ <all other values> |
| ACTIVE       | GIS_STAT_TYPE        |
| EXPLORATORY  | <Null>               |
| GAS STORAGE  | APD                  |
| NF PP OIL    | DRL                  |
| NF SECONDARY | GI                   |
| PI OIL       | GS                   |
| PP GAS       | LA                   |
| PP GEOTHERML | NEW                  |
| PP OIL       | OPS                  |
| SECONDARY    | PA                   |
| TERMINATED   | PGW                  |
|              | POW                  |
|              | RET                  |
|              | SGW                  |
|              | SOW                  |
|              | TA                   |
|              | TW                   |
|              | WD                   |
|              | WI                   |
|              | WS                   |
|              | Bottom Hole Location |



**UTAH DIVISION OF OIL, GAS AND MINING**

**NOTICE OF REPORTING PROBLEMS**

Operator: Delta Petroleum Corp Account: N2925 Today's Date: 10/23/2008

**Problems:**

- Late Report(s)
- Inaccurate Report(s)
- Incomplete Report(s)
- Other: \_\_\_\_\_

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

**To avoid compliance action, these reporting problems should be resolved within 7 days.**

**Send reports to:**

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

**Fax to:**

(801) 359-3940

*43-019-31569  
36 22s 16e  
Greentown St 31-362216H*

Type of Report	Month(s) of Problem Report		
<input type="checkbox"/> Production – Form 10 <input type="checkbox"/> Disposition – Form 11 <input type="checkbox"/> Gas Plant – Form 13 <input type="checkbox"/> Enhanced Recovery – UIC Form 2 <input type="checkbox"/> Injection – UIC Form 3 <input type="checkbox"/> Other _____			
Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
<input type="checkbox"/> Spud Notice – Form 9 <input checked="" type="checkbox"/> Drilling Reports – Form 9 <input type="checkbox"/> Well Completion Report – Form 8 <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> List Attached		

**Description of Problem:**

Per R649-3-6 2.4 The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notices and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File  
RAM  
Well File  
CHD



5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-50325

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
N/A

7. UNIT or CA AGREEMENT NAME:  
N/A

8. WELL NAME and NUMBER:  
Greentown State #31-3622160 H

9. API NUMBER:  
4301931569

10. FIELD AND POOL, OR WILDCAT:  
Exploratory

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
Delta Petroleum Corporation

3. ADDRESS OF OPERATOR:  
370 17th St. Suite 4300 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:  
(303) 575-0397

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 1025' FNL 2290' FEL

COUNTY: Grand

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E

STATE: UTAH

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/30/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well History Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Current Status: Flow back

#### Well History Update:

6/25/08-7/21/08: Drilling Horizontal Lateral into "O" formation

7/21/2008 - Reached TD of 11414'

7/22/2008 - Run casing and cement. Casing set at 11,359'

8/29/2008 - Frac'd well

8/30/2008-11/11/2008 - Flowing back

Additional completion details will follow in Completion Report.

#### TIGHT HOLE STATUS

NAME (PLEASE PRINT) Hannah Knopping

TITLE Permit Representative

SIGNATURE *Hannah Knopping*

DATE 12/24/2008

(This space for State use only)

RECEIVED

DEC 30 2008

DIV. OF OIL, GAS & MINING

Well Name:Greentown State 31-362216																	
Field Name:		Wildcat			S/T/R:		36/22S/16E			County,State:		Grand, UT					
Operator:		Delta Petroleum Corporatio			Location Desc:					District:		Northern					
Daily Summary																	
Activity Date :		6/25/2008			Days From Spud :		143			Current Depth :		8498 Ft			24 Hr. Footage Made :		0 Ft
Rig Company :		DHS			Rig Name:		DHS #1										
Formation :		Paradox Salt			Weather:												
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	3.50	02	Work pipe Attempt to unplug bit										8498	8498	NIH		
9:30	1.00	06	Pull into csg, attempt to unplug										8498	8498	NIH		
10:30	6.00	06	Pull out of hole to find bottom power section of Mud motor and bit have been left in hole.										8498	8498	NIH		
16:30	3.00	22	Clean up rig floor break and lay down directional tools and BHA										8498	8498	33		
19:30	7.00	06	Trip in hole with 40 stands of drill pipe and 10 stands of heavy weight drill pipe / rack HWDP on left side of derrick. Pick up 16 joints of DP to plug through and then stand it back in derrick.										8498	8498	33		
2:30	2.00	22	Unload and Remove protectors, inspect and strap 2 7/8" tubing to plug through.										8498	8498	33		
4:30	1.50	22	Rig up weatherford TRS, Tongs and handling equipment to trip in hole with 22 joints of 2 7/8" on the bottom of the drill string.										8498	8498	33		
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
8498	21:00	13.60	13.60	44	24	15	5/9/16	0.0	9.0	2	6.00	24.5%	5.0%	71.5%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
					24000	24000	1520	7.70	10.00	384994	37560	0.00	93/7	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	14.6	90	Building mud wt. to 15+ gradually													
Daily Summary																	
Activity Date :		6/26/2008			Days From Spud :		144			Current Depth :		7826 Ft			24 Hr. Footage Made :		-672 Ft
Rig Company :		DHS			Rig Name:		DHS #1										
Formation :		Paradox Salt			Weather:												
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	6.00	22	Clean rig floor and prepare to run in hole while waiting on different slips and elevators for 2 7/8" tubing.										8498	8498	NIH		
12:00	3.00	06	Pick up and run in 20 joints of 2 7/8" tubing										8498	8498	NIH		
15:00	7.00	06	Trip 2 7/8" Tubing in hole on the end of the 4" Drill pipe tag fish top at 8493'										8498	8498	NIH		
22:00	0.50	05	Condition mud and circulate @ 4 bpm										8498	8498	NIH		
22:30	1.00	22	Rig up halliburton and hold safety meetng.										8498	8498	NIH		
23:30	1.00	17	Test Pump and lines to 2000 PSI, Pump 9 bbls Tuned Spacer @ 15#, then pump 23 bbls of 17# type G cement with 18% salt and .2 % HR 5, and .1% HR 25 then pumped 9 bbls Tuned spacer at 15 # to balance and displaced with 76 bbls of drilling mud at 13.6 #										8498	7826	NIH		
0:30	0.50	06	Pulled out of hole 8 Stands to 7733'										7826	7826	NIH		
1:00	1.00	05	Reverse Circulate out Drill string with 98 bbls mud.										7826	7826	NIH		
2:00	0.50	22	Rig down Halliburton.										7826	7826	NIH		
2:30	3.50	06	Pulled 5 stands then lay down 16 joints of 4" drill pipe. Then continued out of hole.										7826	7826	33		
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
7826	21:00	13.60	13.60	44	24	15	5/9/16	0.0	9.0	2	6.00	24.5%	5.0%	71.5%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
					24000	24000	1520	7.70	10.00	384994	37560	0.00	93/7	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	14.6	90	Building mud wt. to 15+ gradually													

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	6/27/2008	Days From Spud :	145	Current Depth :	7826 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	06	Pull out of hole with Drill pipe.	7826	7826	NIH
7:30	6.00	06	Rig up casers and safety meeting with same continue pulling out of hole and lay down 2 7/8" tubing.	7826	7826	NIH
13:30	8.00	14	Nipp;e down BOPE and flow line / 4 Bolt Stack above Blind rams and prepare to nipple down.	7826	7826	NIH
21:30	2.50	22	Trip in hole with 7 stands HWDP, Make up packer and run in hole to 220' with 2 stands and a singl of drill pipe. Set packer and sting out then pull out of hole.	7826	7826	NIH
0:00	2.50	22	Rig down Beaverslide and tool slide. Move catwalk.	7826	7826	NIH
2:30	3.50	14	Nipple down and unstack BOPE.	7826	7826	33
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7826	21:00	13.60	13.60	44	24	15	5/9/16	0.0	9.0	2	6.00	24.5%	5.0%	71.5%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					24000	24000	1520	7.70	10.00	384994	37560	0.00	93/7	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	14.6	90	Building mud wt. to 15+ gradually											

**Daily Summary**

Activity Date :	6/28/2008	Days From Spud :	146	Current Depth :	7826 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	Paradox Salt			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	14	Nipple up BOPE set in cat walk rig up V-door Slide.Nipple up rotating head then Nipple down rotating head to install spacer spool.	7826	7826	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7826	21:00	13.60	13.60	44	24	15	5/9/16	0.0	9.0	2	6.00	24.5%	5.0%	71.5%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					24000	24000	1520	7.70	10.00	384994	37560	0.00	93/7	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	14.6	90	Building mud wt. to 15+ gradually											

<b>Well Name:Greentown State 31-362216</b>																
Field Name:		Wildcat			S/T/R:		36/22S/16E			County,State:		Grand, UT				
Operator:		Delta Petroleum Corporation			Location Desc:						District:		Northern			
<b>Daily Summary</b>																
Activity Date :		6/29/2008		Days From Spud :		147		Current Depth :		7826 Ft		24 Hr. Footage Made :		0 Ft		
Rig Company :		DHS					Rig Name:		DHS #1							
Formation :		Paradox Salt					Weather:									
<b>Operations</b>																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	3.00	14	Nipple up BOP.										7826	7826	NIH	
9:00	0.50	07	Routine rig service.										7826	7826	NIH	
9:30	10.50	14	Nipple up ROTATING HEAD, ORBIT VALVE, CHOKE LINE, KILL LINE AND FABRICATE FLOWLINE.										7826	7826	NIH	
20:00	3.50	15	Pressure test. Full open safety Valve, upper and lower Kelly Cock, Inside BOP valve, and Kelly 250 Psi low for 5 minutes and 10000 psi High for 10 minutes.										7826	7826	NIH	
23:30	2.00	14	Nipple down Rotating head and Spacer spool because Test plug would not go through										7826	7826	NIH	
1:30	2.50	15	Attempt to test with Test plug then attempt to use cup Packer neither Held pressure.										7826	7826	NIH	
4:00	0.50	07	Routine rig service.										7826	7826	NIH	
4:30	1.50	22	Clean up Cellar and sub structure Wait on new componants for BOP.										7826	7826	NIH	
Total:		24.00														
<b>Mud Properties</b>																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
7826	21:00	13.60	13.60	44	24	15	5/9/16	0.0	9.0	2	6.00	24.5%	5.0%	71.5%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
					24000	24000	1520	7.70	10.00	384994	37560	0.00	93/7	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
	0.0	14.6	90	Building mud wt. to 15+ gradually												
<b>Daily Summary</b>																
Activity Date :		6/30/2008		Days From Spud :		148		Current Depth :		7826 Ft		24 Hr. Footage Made :		0 Ft		
Rig Company :		DHS					Rig Name:		DHS #1							
Formation :		Paradox Salt					Weather:		Weather is hot and dry throughout day wind is minimal							
<b>Operations</b>																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	12.00	22	Clean up Floor and cellar area Pick up tools										7826	7826	NIH	
18:00	6.00	14	Nipple Down BOP 4 Bolt stack at DSA, Wait for 11" 10 M E section to arrive.										7826	7826	NIH	
0:00	6.00	22	Wait on Spool / continue cleaning preparing rig for nipple up and test.										7826	7826	NIH	
Total:		24.00														
<b>Mud Properties</b>																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
7826	21:00	13.60	13.60	44	24	15	5/9/16	0.0	9.0	2	6.00	24.5%	5.0%	71.5%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
					24000	24000	1520	7.70	10.00	384994	37560	0.00	93/7	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
	0.0	14.6	90	Building mud wt. to 15+ gradually												

<b>Well Name:Greentown State 31-362216</b>																
Field Name:	Wildcat			S/T/R:	36/22S/16E			County,State:	Grand, UT							
Operator:	Delta Petroleum Corporation			Location Desc:				District:	Northern							
<b>Daily Summary</b>																
Activity Date :	7/1/2008			Days From Spud :	149			Current Depth :	7826 Ft			24 Hr. Footage Made :	0 Ft			
Rig Company :	DHS			Rig Name:	DHS #1											
Formation :	Paradox Salt			Weather:												
<b>Operations</b>																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	0.50	07	Routine rig service										7826	7826	NIH	
6:30	9.50	14	Test BOP install Tubing head and nipple up BOP to it. Modify Choke line.										7826	7826	NIH	
16:00	7.00	15	Pressure test BOPE with Single Jack testing. Test upper pipe rams, Lower pipe rams, Blind rams, Choke line and Manifold, Kill line and Tubing head to 250 psi low for 5 minutes and 10,000 psi High for 30 minutes. Test Shyrcal Preventer to 250 Psi low for 5 minutes and 5000 psi high for 30 minutes.										7826	7826	NIH	
23:00	3.00	14	Pick up and nipple up Rotating head then pressure test plug. Plump in air and Hydraulic valves to rotating head.										7826	7826	NIH	
2:00	0.50	15	Pressure test Rotating head to 250 low and 1500 psi high.										7826	7826	NIH	
2:30	1.50	22	Pick up and make up tools to retrieve RTTS Packer.										7826	7826	NIH	
4:00	1.00	06	Trip in hole to Retrieve Packer Retrieve packer.										7826	7826	NIH	
5:00	1.00	20	Pick up Directional tools and Scribe for .212 to dress off cement to 8096' then Kick off.										7826	7826	NIH	
Total:	24.00															
<b>Mud Properties</b>																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
7826	22:00	13.60	13.60	44	25	13	6/10/16	0.0	8.8	0	2.00	24.5%	5.0%	71.5%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
					24000	24000	1520	7.70	10.00	384994	37560	0.00	93/7	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
	0.0	14.6	0													
<b>Daily Summary</b>																
Activity Date :	7/2/2008			Days From Spud :	150			Current Depth :	8049 Ft			24 Hr. Footage Made :	223 Ft			
Rig Company :	DHS			Rig Name:	DHS #1											
Formation :	Paradox Salt			Weather:												
<b>Operations</b>																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	12.00	06	Trip in hole tag up at 7650' Lay down 26 joints drill pipe and run in hole with stands out of derrick.										7826	7826	34	
18:00	0.50	03	Ream from 7590' to 7633'										7590	7633	34	
18:30	2.50	14	Install Rotating head Insert										7633	7633	34	
21:00	3.00	03	Wash and ream from 7633' to 7825.										7633	7825	34	
0:00	0.50	07	Routine rig service										7825	7825	34	
0:30	1.00	03	wash and ream from 7825 to 7896 tagged top of cement at 7896										7825	7896	34	
1:30	1.00	02	Drilling cement from 7896 to 7933										7896	7933	34	
2:30	0.50	22	Work on weatherford rotating head cooler.										7933	7933	34	
3:00	3.00	02	Drilling cement from 7933 to 8049										7933	8049	34	
Total:	24.00															
<b>Mud Properties</b>																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
7700	22:00	14.70	14.70	48	23	16	7/13/18	0.0	8.8	0	2.00	28.0%	7.0%	65.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
					20000	31300	1488	7.40	9.60	308983	37560	0.00	90/10	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
	0.0	15.6	0													

Well Name: Greentown State 31-362216																	
Field Name:			Wildcat			S/T/R:			36/22S/16E			County, State:			Grand, UT		
Operator:			Delta Petroleum Corporation			Location Desc:						District:			Northern		
Daily Summary																	
Activity Date :		7/3/2008		Days From Spud :		151		Current Depth :		8399 Ft		24 Hr. Footage Made :			350 Ft		
Rig Company :			DHS			Rig Name:			DHS #1								
Formation :			Paradox Salt			Weather:											
Operations																	
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run			
6:00	2.00	02	Drilling from 8049' to 8081'									8049	8081	34			
8:00	0.50	07	Routine rig service									8081	8081	34			
8:30	1.00	02	Drilling from 8081 to 8113' Samples indicate 100% Salt 0% Cement between 8000' and 8010'									8081	8113	34			
9:30	0.50	10	Deviation survey @ 8020 43.97deg. Inc. / 151.56 deg. Azimuth.									8113	8113	34			
10:00	8.50	02	Directional drilling / Rotate and Slide From 8113' to 8250'									8113	8250	34			
18:30	0.50	22	Shut down to Refigure pipe tally and figure out why gamma is running behind, (tally is one joint shallow) depth change to 8272'									8250	8272	34			
19:00	6.00	02	Directional drilling from 8272' to 8399' Rotate and slide.									8272	8399	34			
1:00	0.50	07	Routine rig service									8399	8399	34			
1:30	4.50	02	Directional drilling from 8399' to 8455'									8399	8399	34			
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
8375	22:00	14.80	14.70	48	24	15	8/14/18	0.0	8.8	0	2.00	30.0%	6.0%	64.0%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
					20000	31300	1488	7.40	9.60	308983	37560	0.00	91/9	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	15.6	98														
Daily Summary																	
Activity Date :		7/4/2008		Days From Spud :		152		Current Depth :		8898 Ft		24 Hr. Footage Made :			499 Ft		
Rig Company :			DHS			Rig Name:			DHS #1								
Formation :			"O" zone clastics			Weather:											
Operations																	
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run			
6:00	6.50	02	Directinal drilling from 8399' to 8654'									8399	8654	34			
12:30	0.50	07	Routine rig service									8654	8654	34			
13:00	12.00	02	Directional drilling from 8654' to 8898'									8654	8898	34			
1:00	2.00	05	Circulate and condition mud Mix pill.									8898	8898	34			
3:00	3.00	06	Pump pill / Pull out of hole.									8898	8898	34			
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
8399	22:00	15.40	15.40	54	28	16	9/16/22	0.0	8.8	0	2.00	30.0%	6.0%	64.0%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
					20000	31300	1488	7.40	9.60	308983	37560	0.00	91/9	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	15.6	98														

Well Name: Greentown State 31-362216																							
Field Name:			Wildcat			S/T/R:			36/22S/16E			County, State:			Grand, UT								
Operator:			Delta Petroleum Corporation			Location Desc:						District:			Northern								
Daily Summary																							
Activity Date :			7/5/2008			Days From Spud :			153			Current Depth :			9000 Ft			24 Hr. Footage Made :			102 Ft		
Rig Company :			DHS			Rig Name:			DHS #1														
Formation :			"O" zone clastics			Weather:																	
Operations																							
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run								
6:00	4.00	06	Pull out of hole Lay down mud motor Break bit										8898	8898	34								
10:00	1.00	20	Pick up and Set bend in new motor, Make up Bit, Scribe tools.										8898	8898	35								
11:00	5.00	06	Trip in hole Fill pipe at 4500'										8898	8898	35								
16:00	0.50	14	Pick up and install Rotating Head insert										8898	8898	35								
16:30	1.50	06	Trip in hole to 8802'										8898	8898	35								
18:00	0.50	03	Wash and ream from 8802 to 8898'										8802	8898	35								
18:30	1.00	20	Reprogram MWD Tools										8898	8898	35								
19:30	10.50	02	Directional drilling from 8898' to 9000'										8898	9000	35								
Total:		24.00																					
Mud Properties																							
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand								
8925	22:00	15.80	15.70	50	23	19	9/19/28	0.0	8.4	0	2.00	32.0%	7.0%	61.0%	0.0%								
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss									
					20000	31300	1568	7.40	9.60	308983	11	0.00	90/10	0									
Water Loss	LCM	ECD	FL Temp	Remarks																			
	0.0	16.8	108																				
Daily Summary																							
Activity Date :			7/6/2008			Days From Spud :			154			Current Depth :			9263 Ft			24 Hr. Footage Made :			263 Ft		
Rig Company :			DHS			Rig Name:			DHS #1														
Formation :			"O" zone clastics			Weather:																	
Operations																							
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run								
6:00	3.50	02	Directional drilling from 9000' to 9022										9000	9022	35								
9:30	0.50	22	Bop drill and Check for flow.										9022	9022	35								
10:00	6.00	02	Directional drilling from 9022' to 9103'										9022	9103	35								
16:00	0.50	07	Routine rig service.										9103	9103	35								
16:30	13.00	02	Directional drilling from 9103' to 9263'										9103	9263	35								
5:30	0.50	07	Routine rig service / Service weight indicator.										9263	9263	35								
Total:		24.00																					
Mud Properties																							
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand								
898915	22:00	15.80	15.80	53	23	16	8/18/26	0.0	8.6	0	2.00	32.0%	7.0%	61.0%	0.0%								
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss									
					20000	31300	1620	7.40	9.60	308983	37560	0.00	90/10	0									
Water Loss	LCM	ECD	FL Temp	Remarks																			
	0.0	16.8	108																				

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	7/7/2008	Days From Spud :	155	Current Depth :	9314 Ft	24 Hr. Footage Made :	51 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	"O" zone clastics			Weather:	ht rain but did not and it turned into a nice cool Mournin		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	02	Directional drilling from 9263 to 9266	9263	9266	35
6:30	1.00	05	Circulate bottoms up Pump Pill	9266	9266	35
7:30	2.00	06	Pull out of hole slowly to 7500	9266	9266	35
9:30	1.00	14	Pull Rotating head insert	9266	9266	35
10:30	4.50	06	Pull out of hole break bit and lay down motor, Unplug 2 jets in bit.	9266	9266	35
15:00	0.50	20	Pick up and Scribe new Motor Rerun bit	9266	9266	36
15:30	7.00	06	Trip in hole to 9196' Fill pipe at 4500 & 8000'	0	9196	36
22:30	0.50	03	Wash Down 70' to bottom	9196	9266	36
23:00	0.50	20	Reprogram MWD tools	9266	9266	36
23:30	6.50	02	Directional drilling from 9266' to 9314'	9266	9314	36
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9270	22:00	15.80	15.90	54	21	16	9/19/28	0.0	8.8	0	2.00	32.5%	6.0%	61.5%	0.0%
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					24000	31300	1488	7.40	9.60	308983	37560	0.00	91/9	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	16.9	82												

**Daily Summary**

Activity Date :	7/8/2008	Days From Spud :	156	Current Depth :	9595 Ft	24 Hr. Footage Made :	281 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	"O" zone clastics			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.00	02	Directional Drilling "in Zone" from 9314' to 9390'	9314	9390	36
13:00	0.50	07	Routine rig service.	9390	9390	36
13:30	16.50	02	Directional drilling "in Zone" from 9390' to 9595'	9390	9595	36
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9505	23:05	16.00	15.90	56	23	10	6/10/16	0.0	8.8	0	2.00	33.5%	7.5%	59.0%	0.0%
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					25000	39125	1694	7.60	9.80	342826	37560	0.00	89/11	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	16.7	109												

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporatio	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	7/9/2008	Days From Spud :	157	Current Depth :	9902 Ft	24 Hr. Footage Made :	307 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	"O" zone clastics			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.50	02	Drig. f/ 9595 to 9651	9595	9651	36
10:30	0.50	07	Service rig	9651	9651	36
11:00	19.00	02	Drig f/ 9651 to 9902	9651	9902	36
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9902	23:05	16.00	16.00	56	23	10	8/12/18	0.0	8.6	0	2.00	32.5%	7.5%	59.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					25000	39125	1694	7.60	9.80	342826	37560	0.00	89/11	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	16.7	109												

**Daily Summary**

Activity Date :	7/10/2008	Days From Spud :	158	Current Depth :	10175 Ft	24 Hr. Footage Made :	273 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	"O" zone clastics			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	02	Drig f/ 9902 to 9934	9902	9934	36
7:30	0.50	07	Service Rig	9934	9934	NIH
8:00	19.00	02	Drig f/ 9934 to 10158	9934	10158	36
3:00	0.50	07	Service rig	10158	10158	NIH
3:30	2.50	02	Drig f/ 10158 to 10175	10158	10175	36
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
10073	20:15	16.30	16.30	57	24	12	8/13/18	0.0	8.6	0	2.00	32.5%	7.5%	59.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					25000	39125	1694	7.60	9.80	342826	42255	0.00	89/11	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	16.7	110												

Well Name: Greentown State 31-362216																
Field Name:	Wildcat			S/T/R:	36/22S/16E			County, State:	Grand, UT							
Operator:	Delta Petroleum Corporation			Location Desc:				District:	Northern							
Daily Summary																
Activity Date :	7/11/2008			Days From Spud :	159			Current Depth :	10400 Ft			24 Hr. Footage Made :	225 Ft			
Rig Company :	DHS						Rig Name:	DHS #1								
Formation :	"O" zone clastics						Weather:									
Operations																
Start	Hrs	Code	Remarks											Start Depth	End Depth	Run
6:00	3.50	02	Drig f/ 10175 to 10222											10175	10222	36
9:30	0.50	07	Service rig											10222	10222	36
10:00	12.50	02	Drig f/ 10222 to 10350											10222	10350	36
22:30	0.50	07	Service rig											10350	10350	36
23:00	7.00	02	Drig f/ 10350 to 10400											10350	10400	36
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
10330	20:45	16.30	16.30	54	22	13	8/12/17	0.0	8.6	2	6.00	32.5%	7.5%	58.5%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
					25000	39125	1694	9.80	12.70	342826	42255	0.00	89/11	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
	0.0	17.1	110													
Daily Summary																
Activity Date :	7/12/2008			Days From Spud :	160			Current Depth :	10446 Ft			24 Hr. Footage Made :	46 Ft			
Rig Company :	DHS						Rig Name:	DHS #1								
Formation :	"O" zone clastics						Weather:									
Operations																
Start	Hrs	Code	Remarks											Start Depth	End Depth	Run
6:00	1.00	05	Circ. Pump slug											10400	10400	NIH
7:00	5.50	06	TOH, change bits, motors											10400	10400	NIH
12:30	1.50	06	Make up BHA, shallow test MWD, M.Mtr.											10400	10400	NIH
14:00	2.50	06	TIH to 5000' fill pipe											10400	10400	NIH
16:30	2.50	09	Slip and cut Drig line 115'											10400	10400	NIH
19:00	2.00	06	TIH to 7500											10400	10400	NIH
21:00	1.00	22	Install rt head											10400	10400	NIH
22:00	1.00	05	Circ, wash through window											10400	10400	NIH
23:00	1.00	06	TIH to 10390											10400	10400	NIH
0:00	0.50	05	Circ											10400	10400	NIH
0:30	1.00	22	Reprogram MWD											10400	10400	NIH
1:30	4.50	02	Drig f/ 10400 to 10446											10400	10446	NIH
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
10400	21:00	16.30	16.30	55	23	12	8/13/19	0.0	8.6	2	6.00	32.5%	7.5%	58.5%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
					25000	39125	1694	9.80	12.70	360368	42255	0.00	89/11	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
	0.0	17.1	108													

<b>Well Name:Greentown State 31-362216</b>																		
Field Name:		Wildcat			S/T/R:		36/22S/16E			County,State:		Grand, UT						
Operator:		Delta Petroleum Corporation			Location Desc:					District:		Northern						
<b>Daily Summary</b>																		
Activity Date :		7/13/2008			Days From Spud :		161			Current Depth :		10607 Ft			24 Hr. Footage Made :		161 Ft	
Rig Company :		DHS			Rig Name:		DHS #1			Weather:								
Formation :		"O" zone clastics			Weather:													
<b>Operations</b>																		
Start	Hrs	Code	Remarks											Start Depth	End Depth	Run		
6:00	9.50	02	Drlg f/ 10446 to 10573											10400	10573	37		
15:30	0.50	07	Service rig											10573	10573	NIH		
16:00	2.50	02	Drlg f/ 10573 to 10588 not dropping angle out of salt											10573	10588	37		
18:30	2.00	03	Set toolface 180 ream											10588	10588	NIH		
20:30	6.50	02	Time drill, attempt to drop angle f/10588 to 10605											10588	10605	37		
3:00	1.50	03	Ream w/ toolface 180											10605	10605	NIH		
4:30	1.50	02	Time drill f/ 10605 to 10607											10605	10607	37		
Total:		24.00																
<b>Mud Properties</b>																		
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand			
10593	20:45	16.40	16.40	57	24	14	8/14/20	0.0	8.6	2	6.00	32.5%	7.5%	58.5%	0.0%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss				
					27000	42255	1615	9.70	12.60	360368	42255	0.00	89/11	0				
Water Loss	LCM	ECD	FL Temp	Remarks														
	0.0	17.3	109															
<b>Daily Summary</b>																		
Activity Date :		7/14/2008			Days From Spud :		162			Current Depth :		9938 Ft			24 Hr. Footage Made :		-669 Ft	
Rig Company :		DHS			Rig Name:		DHS #1			Weather:								
Formation :		"O" zone clastics			Weather:													
<b>Operations</b>																		
Start	Hrs	Code	Remarks											Start Depth	End Depth	Run		
6:00	2.50	06	TOH											10607	10607	NIH		
8:30	1.50	06	Pull rt. rubber, lay dn 24jts. D.p.											10607	10607	NIH		
10:00	2.50	06	TOH											10607	10607	NIH		
12:30	1.50	06	Check bit-ok, change bend to 2.12 on mtr., TIH w/BHA,check MWD											10607	10607	NIH		
14:00	1.50	06	TIH											10607	10607	NIH		
15:30	0.50	07	Service rig											10607	10607	NIH		
16:00	3.00	06	TIH fill pipe @ 5500' TIH to 7500											10607	10607	NIH		
19:00	1.00	05	Install rt. Head wash through window @ 7521 to 7534, Circ											10607	10607	NIH		
20:00	1.50	06	TIH to 9902											9902	9902	NIH		
21:30	1.50	20	Kick off , build trough @ 9932 to drop below salt											9932	9932	NIH		
23:00	7.00	20	Time drill 1' hr, to sidetrack to 9938											9932	9938	NIH		
Total:		24.00																
<b>Mud Properties</b>																		
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand			
10607	20:45	16.40	16.40	56	25	11	8/14/21	0.0	8.6	2	6.00	32.5%	7.5%	58.5%	0.0%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss				
					27000	42255	1605	9.70	12.60	360368	42255	0.00	89/11	0				
Water Loss	LCM	ECD	FL Temp	Remarks														
	0.0	17.2	109															

Well Name:Greentown State 31-362216																	
Field Name:			Wildcat			S/T/R:			36/22S/16E			County,State:			Grand, UT		
Operator:			Delta Petroleum Corporation			Location Desc:						District:			Northern		
Daily Summary																	
Activity Date :		7/15/2008		Days From Spud :		163		Current Depth :		10083 Ft		24 Hr. Footage Made :		145 Ft			
Rig Company :			DHS			Rig Name:			DHS #1								
Formation :			"O" zone clastics			Weather:											
Operations																	
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run			
6:00	5.00	20	Time drill (slide) f/ sidetrack f/ 9938 to 9950									9938	9950	38			
11:00	8.00	02	Drig (slide) f/ 9950 to 9997									9950	9997	38			
19:00	0.50	08	Service rig									9997	9997	NIH			
19:30	10.50	02	Drig(rot.,slide) f/ 9997 to 10083									9997	10083	38			
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
10004	20:30	16.50	16.50	58	25	14	8/15/22	0.0	8.4	2	6.00	32.5%	7.5%	58.3%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
					27000	42255	1605	9.70	12.60	369831	42255	0.00	89/11	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	17.2	110														
Daily Summary																	
Activity Date :		7/16/2008		Days From Spud :		164		Current Depth :		10310 Ft		24 Hr. Footage Made :		227 Ft			
Rig Company :			DHS			Rig Name:			DHS #1								
Formation :			"O" zone clastics			Weather:											
Operations																	
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run			
6:00	1.00	02	Drig f/10083 to 10093									10083	10093	38			
7:00	0.50	07	Service rig									10093	10093	NIH			
7:30	22.50	02	Drig f/ 10093 to 10310									10093	10310	38			
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
10240	20:30	16.50	16.50	59	24	12	7/15/22	0.0	8.4	2	6.00	34.0%	7.5%	58.3%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
					28000	43820	1605	9.70	12.60	369831	42255	0.00	89/11	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	17.4	110	Running centrifuge 4 hrs day													

Well Name: Greentown State 31-362216																	
Field Name:	Wildcat				S/T/R:	36/22S/16E				County, State:	Grand, UT						
Operator:	Delta Petroleum Corporation				Location Desc:					District:	Northern						
Daily Summary																	
Activity Date :	7/17/2008				Days From Spud :	165				Current Depth :	10573 Ft				24 Hr. Footage Made :	263 Ft	
Rig Company :	DHS				Rig Name:	DHS #1											
Formation :	"O" zone clastics				Weather:												
Operations																	
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run				
6:00	8.00	02	Drlg f/ 10310 to 10380								10310	10380	38				
14:00	0.50	07	Service rig								10380	10380	NIH				
14:30	15.50	02	Drilling f/ 10380 to 10573								10380	10573	38				
Total:	24.00																
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
10450	20:15	16.40	16.40	56	26	9	6/12/20	0.0	8.3	2	6.00	33.8%	7.2%	59.0%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
					28000	43820	1605	9.70	12.60	369831	42255	0.00	89/11	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	17.2	110	Running centrifuge 4 hrs day													
Daily Summary																	
Activity Date :	7/18/2008				Days From Spud :	166				Current Depth :	10840 Ft				24 Hr. Footage Made :	267 Ft	
Rig Company :	DHS				Rig Name:	DHS #1											
Formation :	"O" zone clastics				Weather:												
Operations																	
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run				
6:00	12.00	02	Drlg f/ 10575 to 10732								10575	10732	38				
18:00	0.50	07	Service rig								10732	10732	NIH				
18:30	11.50	02	Drlg f/ 10732 to 10840								10732	10840	38				
Total:	24.00																
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
10750	20:15	16.50	16.50	55	29	10	6/13/20	0.0	8.2	2	6.00	34.5%	7.0%	58.5%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
					28000	43820	1605	9.70	12.60	369831	42255	0.00	89/11	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	17.2	110	Running centrifuge 4 hrs day													
Daily Summary																	
Activity Date :	7/19/2008				Days From Spud :	167				Current Depth :	11140 Ft				24 Hr. Footage Made :	300 Ft	
Rig Company :	DHS				Rig Name:	DHS #1											
Formation :	"O" zone clastics				Weather:												
Operations																	
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run				
6:00	9.00	02	Drlg f/ 10840 to 10955								10840	10955	38				
15:00	0.50	07	Service rig								10955	10955	NIH				
15:30	14.50	02	Drlg f/ 10955 to 11140								10955	11140	38				
Total:	24.00																
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
11018	21:30	16.60	16.50	55	29	11	6/12/20	0.0	8.2	2	6.00	34.5%	7.0%	58.5%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
					28000	43820	1605	9.70	12.60	369831	42255	0.00	89/11	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	17.5	110	Running centrifuge 4 hrs day													

<b>Well Name:Greentown State 31-362216</b>																	
Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT												
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern												
<b>Daily Summary</b>																	
Activity Date :	7/20/2008	Days From Spud :	168	Current Depth :	11333 Ft	24 Hr. Footage Made :	193 Ft										
Rig Company :	DHS			Rig Name:	DHS #1												
Formation :	"O" zone clastics			Weather:													
<b>Operations</b>																	
Start	Hrs	Code	Remarks												Start Depth	End Depth	Run
6:00	1.00	02	Drlg f/ 11140 to 11146												11140	11146	38
7:00	0.50	07	Service rig												11146	11146	NIH
7:30	15.50	02	Drlg f/ 11146 to 11274												11146	11274	38
23:00	0.50	07	Service rig												11274	11274	NIH
23:30	6.50	02	Drlg f/ 11274 to 11333												11274	11333	38
Total:	24.00																
<b>Mud Properties</b>																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
11248	20:30	16.60	16.60	55	28	12	6/12/19	0.0	8.2	2	6.00	34.5%	7.0%	58.5%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
					28000	43820	1605	9.70	12.60	388406	42255	0.00	89/11	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	17.5	110	Running centrifuge 4 hrs day													
<b>Daily Summary</b>																	
Activity Date :	7/21/2008	Days From Spud :	169	Current Depth :	11414 Ft	24 Hr. Footage Made :	81 Ft										
Rig Company :	DHS			Rig Name:	DHS #1												
Formation :	"O" zone clastics			Weather:													
<b>Operations</b>																	
Start	Hrs	Code	Remarks												Start Depth	End Depth	Run
6:00	8.00	02	Drlg f/11333 to 11414												11333	11414	38
14:00	0.50	05	Pump slug												11414	11414	NIH
14:30	2.00	06	TOH to 9800' TIH to 10189 take suvey( confirm we are in the new hole)												11414	11414	NIH
16:30	0.50	05	Mix and pump slug												11414	11414	NIH
17:00	7.00	06	TOH												11414	11414	NIH
0:00	2.00	20	Lay down directional tools												11414	11414	NIH
2:00	4.00	08	Work on Air compressor, Change swivel packing												11414	11414	NIH
Total:	24.00																
<b>Mud Properties</b>																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
11414	21:00	16.60	16.60	56	28	12	6/12/19	0.0	8.2	2	6.00	34.5%	7.0%	58.5%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
					28000	43820	1605	9.70	12.60	388406	42255	0.00	89/11	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	17.5	110	Running centrifuge 4 hrs day													

Well Name:Greentown State 31-362216																							
Field Name:			Wildcat			S/T/R:			36/22S/16E			County,State:			Grand, UT								
Operator:			Delta Petroleum Corporation			Location Desc:						District:			Northern								
Daily Summary																							
Activity Date :			7/22/2008			Days From Spud :			170			Current Depth :			11414 Ft			24 Hr. Footage Made :			0 Ft		
Rig Company :			DHS			Rig Name:			DHS #1			Formation :			"O" zone clastics			Weather:					
Operations																							
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run								
6:00	5.50	08	Work on swivel packing										11414	11414	NIH								
11:30	6.00	06	Make up bit TIH to 7500 work pipe to 7540										11414	11414	NIH								
17:30	3.00	08	Air comp trouble mechanic working on										11414	11414	NIH								
20:30	0.50	05	Circ										11414	11414	NIH								
21:00	2.50	06	Stop at 9970 work pipe into hole tight going work to 10509										11414	11414	NIH								
23:30	0.50	22	Open hole sidetrack was from 9932(last hole was drilled to 10607										11414	11414	NIH								
0:00	0.50	22	Work pipe into hole, stopped @ 10598										11414	11414	NIH								
0:30	1.50	22	Work pipe try to ream,(got into old hole)										11414	11414	NIH								
2:00	1.00	06	Pump slug, TOH to 9892										11414	11414	NIH								
3:00	1.00	03	Ream f/ 9892 to 9935 several times, took wt p/u ream										11414	11414	NIH								
4:00	2.00	03	Ream f/ 9935 to										11414	11414	NIH								
Total:		24.00																					
Mud Properties																							
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand								
11414	21:00	16.60	16.60	56	28	12	6/12/19	0.0	8.2	2	6.00	34.5%	7.0%	58.5%	0.0%								
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss									
					28000	43820	1605	9.70	12.60	388406	42255	0.00	89/11	0									
Water Loss	LCM	ECD	FL Temp	Remarks																			
	0.0	17.5	110	Running centrifuge 4 hrs day																			
Daily Summary																							
Activity Date :			7/23/2008			Days From Spud :			171			Current Depth :			11414 Ft			24 Hr. Footage Made :			0 Ft		
Rig Company :			DHS			Rig Name:			DHS #1			Formation :			"O" zone clastics			Weather:					
Operations																							
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run								
6:00	0.50	06	Run in hole stop @ 10597, (old hole)										11414	11414	NIH								
6:30	0.50	05	Mix and pump slug										11414	11414	NIH								
7:00	6.00	06	TOH, Brk bit, subs										11414	11414	NIH								
13:00	6.00	22	Wait on directional hand, mwd personell										11414	11414	NIH								
19:00	4.50	20	Measure, caliper tools, p/u same test MWD										11414	11414	NIH								
23:30	3.00	06	TIH to 1444 install string taper mill, TIH to 5370, fill pipe										11414	11414	NIH								
2:30	1.50	06	TIH , work through window top 7521 to 7534, fill pipe										11414	11414	NIH								
4:00	1.00	05	Install R.H. rubber, circ										11414	11414	NIH								
5:00	1.00	06	TIH to 9900										11414	11414	NIH								
Total:		24.00																					
Mud Properties																							
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand								
11414	21:00	16.60	16.60	56	28	12	6/12/19	0.0	8.2	2	6.00	34.5%	7.0%	58.5%	0.0%								
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss									
					28000	43820	1605	9.70	12.60	388406	42255	0.00	89/11	0									
Water Loss	LCM	ECD	FL Temp	Remarks																			
	0.0	17.5	108	Running centrifuge 4 hrs day																			

Well Name: Greentown State 31-362216																	
Field Name:			Wildcat			S/T/R:			36/22S/16E			County, State:			Grand, UT		
Operator:			Delta Petroleum Corporation			Location Desc:						District:			Northern		
Daily Summary																	
Activity Date :		7/24/2008		Days From Spud :		172		Current Depth :		11414 Ft		24 Hr. Footage Made :		0 Ft			
Rig Company :			DHS			Rig Name:			DHS #1								
Formation :			"O" zone clastics			Weather:											
Operations																	
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run			
6:00	1.50	06	Trip in hole Work tight hole.									11414	11414	39			
7:30	2.50	20	Orient through open hole window. (two attempts boath into ghost hole)									11414	11414	39			
10:00	1.00	08	Rig repair / Pump Expendable / billable down time.									11414	11414	39			
11:00	1.50	20	Orient Through open hole Kick off point. ( 3rd attempt Successful)									11414	11414	39			
12:30	4.00	03	Ream through kick off point fromm 9900' to 10075'									11414	11414	39			
16:30	1.00	06	Trip in hole from 10075 to 10775 / lay down three joints.									11414	11414	39			
17:30	1.00	03	Ream from 10775' to 10830'									11414	11414	39			
18:30	2.50	22	Work Stuck Pipe / Overpull as much as 150 K									11414	11414	39			
21:00	9.00	22	Pull 70K on stuck drill string / Wait on orders.									11414	11414	39			
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
11414	21:00	16.60	16.60	56	28	12	6/12/19	0.0	8.2	2	6.00	34.5%	7.0%	58.5%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
					28000	43820	1605	9.70	12.60	388406	42255	0.00	89/11	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	17.5	108	Running centrifuge 4 hrs day													
Daily Summary																	
Activity Date :		7/25/2008		Days From Spud :		173		Current Depth :		11414 Ft		24 Hr. Footage Made :		0 Ft			
Rig Company :			DHS			Rig Name:			DHS #1								
Formation :			"O" zone clastics			Weather:											
Operations																	
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run			
6:00	1.50	06	Pull out of hole to 9950'									11414	11414	39			
7:30	0.50	10	Circulate /Take survey to make sure we are in the new hole.									11414	11414	39			
8:00	3.00	06	Trip in hole slowly to 10800'									11414	11414	39			
11:00	3.50	03	wash and ream to 10830' work tight hole/stuck pipe.									11414	11414	39			
14:30	4.50	05	Circulate hole clean and bump mud density up to 16.9 ppg.									11414	11414	39			
19:00	1.50	06	Pull out of hole to 10000									11414	11414	39			
20:30	1.00	03	Reaming kick off point with taper mill									11414	11414	39			
21:30	0.50	05	Pump dry pipe pill.									11414	11414	39			
22:00	8.00	06	Pull out of hole / stand back directional tools / lay down reaming assembly.									11414	11414	39			
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
11414	21:00	16.90	16.90	49	28	12	8/12/21	0.0	8.2	2	6.00	34.5%	7.0%	58.5%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
					28000	43820	1788	9.70	12.20	388406	42255	0.00	89/11	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	17.6	108	increased Density to 16.9 ppg.													

Well Name: Greentown State 31-362216																
Field Name:	Wildcat			S/T/R:	36/22S/16E			County, State:	Grand, UT							
Operator:	Delta Petroleum Corporation			Location Desc:				District:	Northern							
Daily Summary																
Activity Date :	7/26/2008			Days From Spud :	174			Current Depth :	11414 Ft			24 Hr. Footage Made :	0 Ft			
Rig Company :	DHS						Rig Name:	DHS #1								
Formation :	"O" zone clastics						Weather:									
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	0.50	08	Rig repairs / Change pump expendable.										11414	11414	40	
6:30	5.00	06	Trip in hole with slick assembly bit and bit sub.										11414	11414	40	
11:30	0.50	14	Install Rotating head.										11414	11414	40	
12:00	6.00	05	Circulate and condition mud at top of casing window.										11414	11414	40	
18:00	4.00	06	Trip in hole to 10980'										11414	11414	40	
22:00	2.00	03	Fill pipe and break circulation. / Try to ream, Hole slugging, back ream up to 10852'										11414	11414	40	
0:00	6.00	05	Circulate and condition mud / increase mud weight to 17.1 ppg										11414	11414	40	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11414	21:00	16.90	16.90	49	28	12	8/12/21	0.0	8.2	2	6.00	34.5%	7.0%	58.5%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
					28000	43820	1788	9.70	12.20	388406	42255	0.00	89/11	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
	0.0	17.6	108	increased Density to 16.9 ppg.												
Daily Summary																
Activity Date :	7/27/2008			Days From Spud :	175			Current Depth :	11414 Ft			24 Hr. Footage Made :	0 Ft			
Rig Company :	DHS						Rig Name:	DHS #1								
Formation :	"O" zone clastics						Weather:									
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	3.50	05	Circulate and condition, weight up to 17.1 ppg.										11414	11414	40	
9:30	1.50	06	Pull out of hole to 9950 then trip in hole to 10790'										11414	11414	40	
11:00	10.00	03	Wash and ream from 10790 to 10980' (ream on differential Torque)										11414	11414	40	
21:00	1.00	05	Circulate bottoms up mix and pump pill.										11414	11414	40	
22:00	8.00	06	Pull out of hole slowly (due to excessive swab pressures).										11414	11414	40	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
10980	21:00	17.10	17.00	66	38	16	9/14/22	0.0	8.0		2.00	36.5%	7.0%	56.5%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
					28000	43820	1267	9.20	11.90	388406	42255	0.00	89/11	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
	0.0	18.0	108	increased Density to 17.1 ppg. Increased low speed rheologys and brought Yeild point up to a proper 16.												

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	7/28/2008	Days From Spud :	176	Current Depth :	11414 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	"O" zone clastics			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.50	06	Trip out of hole / lay down directional tools from derrick.	11414	11414	40
10:30	1.00	12	Rig up lay down machine and casing crew.	11414	11414	NIH
11:30	0.50	22	Safety meeting with rig and casing crew as well as baker hand.	11414	11414	NIH
12:00	0.50	07	Routine rig service.	11414	11414	NIH
12:30	5.50	12	Rig down casers	11414	11414	NIH
18:00	1.50	12	Rig down casing crew / pick up Liner top	11414	11414	NIH
19:30	9.00	06	Trip in hole with liner	11414	11414	NIH
4:30	1.50	05	Circulate.	11414	11414	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11414	21:00	17.10	17.00	72	40	18	14/26/34	0.0	7.8		2.00	40.0%	6.0%	54.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					28000	43820	1320	9.20	11.90	388406	42255	0.00	90/10	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	18.0	108	increased Density to 17.1ppg. Increasedlow speed rheologys and brought Yeild point up to a proper 16.											

**Daily Summary**

Activity Date :	7/29/2008	Days From Spud :	177	Current Depth :	11414 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	"O" zone clastics			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	12	Set Liner hange hang liner top at 7012'	11414	11414	NIH
7:00	5.00	06	Pull out of hole./ Lay down line hanger.	11414	11414	NIH
12:00	4.50	07	Rig service and change out air compressor while waiting for BOP tester.	11414	11414	NIH
16:30	4.50	15	Rig up tester and Test BOPE to 10 M Specifications	11414	11414	NIH
21:00	7.00	06	Trip in hole with wireline entry guide and X nipple tag liner top at 7012' SLM	11414	11414	NIH
4:00	2.00	14	Nippl up frack valve assembly./ finish rigging up Fesco flowback testers.	11414	11414	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11414	21:00	17.10	17.00	72	40	18	14/26/34	0.0	7.8		2.00	40.0%	6.0%	54.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					28000	43820	1320	9.20	11.90	388406	42255	0.00	90/10	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	18.0	108	increased Density to 17.1ppg. Increasedlow speed rheologys and brought Yeild point up to a proper 16.											

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	7/30/2008	Days From Spud :	178	Current Depth :	11414 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	"O" zone clastics			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	14	Nipple up Frac valve assembly.	11414	11414	NIH
7:00	4.00	22	Pressur test frack valves and lines with Halliburton pump to 7500 psi./ Displace 17.1 ppg mud out of hole with 2% KCL water.	11414	11414	NIH
11:00	19.00	22	Testing. Tight hole.	11414	11414	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11414	21:00	17.10	17.00	72	40	18	14/26/34	0.0	7.8		2.00	40.0%	6.0%	54.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					28000	43820	1320	9.20	11.90	388406	42255	0.00	90/10	0	

Water Loss	LCM	ECD	FL Temp	Remarks
	0.0	18.0	108	increased Density to 17.1ppg. Increased low speed rheologys and brought Yeild point up to a proper 16.

**Daily Summary**

Activity Date :	7/31/2008	Days From Spud :	179	Current Depth :	11414 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	"O" zone clastics			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	22	Testing. Tight hole.	11414	11414	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11414	21:00	17.10	17.00	72	40	18	14/26/34	0.0	7.8		2.00	40.0%	6.0%	54.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					28000	43820	1320	9.20	11.90	388406	42255	0.00	90/10	0	

Water Loss	LCM	ECD	FL Temp	Remarks
	0.0	18.0	108	increased Density to 17.1ppg. Increased low speed rheologys and brought Yeild point up to a proper 16.

**Delta Petroleum Corporation**

370 17th St. Suite #4300  
 Denver, CO 80202  
 (303) 293-9133

**WellWork AFE Chronological  
 Regulatory Report**



DELTA PETROLEUM CORPORATION

<b>Well Name : Greentown State 31-362216</b>						
Prospect:	Greentown			AFE #:	3314	
Sec/Twp/Rge:	36 / 22S / 16E			Operator:	Delta Petroleum Corporation	
API #:	43019315550000	Field:	Wildcat	Supervisor:	Wayne Wise	
Work Type:	Completion	County, St.:	Grand, UT	Phone:	303-575-0327	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Job Purpose : Complete Paradox Salt Wildcat Well.						

<b>Wellwork Details</b>					
Date :	7/29/2008	Activity:	Circulate	Rig Name:	DHS #1
Daily Report Summary :		Well test. Tight hole			
Daily Report Detail:		Well test. Tight hole.			
From 0:00 To 4:00	4 hrs	Category/Rmks:	TIH :		
From 4:00 To 12:00	8 hrs	Category/Rmks:	NU :		
From 12:00 To 13:00	1 hrs	Category/Rmks:	MIRU :		
From 13:00 To 17:00	4 hrs	Category/Rmks:	Circulate :		
From 17:00 To 19:00	2 hrs	Category/Rmks:	Flow :		
From 19:00 To 21:00	2 hrs	Category/Rmks:	MIRU :		
From 21:00 To 0:00	3 hrs	Category/Rmks:	Circulate :		
Date :	7/30/2008	Activity:	Flow	Rig Name:	DHS #1
Daily Report Summary :		Testing well. Tight hole.			
Daily Report Detail:		Testing well. Tight hole.			
From 0:00 To 8:00	8 hrs	Category/Rmks:	SICP :		
From 8:00 To 9:00	1 hrs	Category/Rmks:	Flow :		
From 9:00 To 14:00	5 hrs	Category/Rmks:	SICP :		
From 14:00 To 0:00	10 hrs	Category/Rmks:	Flow :		
Date :	7/31/2008	Activity:	test	Rig Name:	DHS #1
Daily Report Summary :		Testing well. Tight hole.			
Daily Report Detail:		Testing well. Tight hole.			
From 0:00 To 10:00	10 hrs	Category/Rmks:	Flow :		
From 10:00 To 15:00	5 hrs	Category/Rmks:	MIRU :		
From 15:00 To 16:00	1 hrs	Category/Rmks:	TIH :		
From 16:00 To 21:00	5 hrs	Category/Rmks:	Other :		
From 21:00 To 23:00	2 hrs	Category/Rmks:	TIH :		
From 23:00 To 0:00	1 hrs	Category/Rmks:	Circulate :		
Date :	8/1/2008	Activity:	test	Rig Name:	DHS #1
Daily Report Summary :		Testing well. Tight hole.			
Daily Report Detail:		Testing well. Tight hole.			
Date :	8/10/2008	Activity:	Cost adjustment	Rig Name:	Leed 704
Daily Report Summary :		Cost Adjustment.			
Daily Report Detail:		Cost Adjustment.			
Date :	8/19/2008	Activity:	MIRU	Rig Name:	Leed 704
Daily Report Summary :		Well shut in. Clean up location. Set Anchors. MIRU Leed 704. RU Pipe racks and catwalk. RU pump and Tank. MIRU FESCO. SICP 20 psi. Bleed pressure to rig tank. Recover 1 bbl. SDFN.			
Daily Report Detail:		Well shut in. SICP 3000 psi. Clean up location. Set Anchors. MIRU Leed 704. RU Pipe racks and catwalk. RU pump and Tank. MIRU FESCO. Bleed pressure to rig tank. Recover 1 bbl. SDFN. SICP 20 psi.			
From 0:00 To 7:00	7 hrs	Category/Rmks:	SDFN :		
From 7:00 To 18:00	11 hrs	Category/Rmks:	MIRU :		
From 18:00 To 0:00	6 hrs	Category/Rmks:	SDFN :		

**Well Name:Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporatio	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	8/1/2008	Days From Spud :	180	Current Depth :	11414 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	"O" zone clastics			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.00	22	Flow Testing Tight hole.	11414	11414	NIH
12:00	4.50	23	Rig up coil tubing and nipple up stack on top of frac valve assembly. Start in hole with coil tubing.	11414	11414	NIH
16:30	5.50	22	Close frac valve on coil tubing by accident pich tubing. Open frack valve and try to pull tubing out but pinched tubing will not pull out of striping head. Nipple down tubing Bop and remove frac valve assembly then cut off coil tubing and recrimp a new guide shoe and circulating tip.Nipple coil BOP back up on drill pipe cross over.	11414	11414	NIH
22:00	4.00	23	Pressure test Bop and run in hole with coil. Displace tubing and annulas with diesel	11414	11414	NIH
2:00	2.50	22	Pull out of hole with coil.	11414	11414	NIH
4:30	1.50	23	Flow back displacement to trip tank to fill it for POOH with drill pipe. / wait for nitrogen to displace diesel out of coil truck.	11414	11414	NIH

Total:	24.00
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**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11414	21:00	17.10	17.00	72	40	18	14/26/34	0.0	7.8		2.00	40.0%	6.0%	54.0%	0.0%
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					28000	43820	1320	9.20	11.90	388406	42255	0.00	90/10	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	18.0	108	increased Density to 17.1ppg. Increasedlow speed rheologys and brought Yeild point up to a proper 16.											

**Daily Summary**

Activity Date :	8/2/2008	Days From Spud :	181	Current Depth :	11414 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS			Rig Name:	DHS #1		
Formation :	"O" zone clastics			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.50	23	Continue displacing well bore with diesel, and fill trip tank with returnes (Diesel).	11414	11414	NIH
8:30	5.00	22	Rig down coil unit and flow testers / Load out 2 7/8" tubing and Fesco equipment on trucks.	11414	11414	NIH
13:30	0.50	23	Rig up weatherford TRS Lay down Machine.	11414	11414	NIH
14:00	2.00	06	Pull out of hole / Lay down drill pipe.	11414	11414	NIH
16:00	2.00	22	Pipe utubing and flowing diesel out top. Installed TIW valve and wet cap flowed deisel back into trip tank./ let hole balance then continue out of hole.	11414	11414	NIH
18:00	6.50	06	Pull out of hole lay down 203 joints of pipe.	11414	11414	NIH
0:30	0.50	22	Rig down flag pole.	11414	11414	NIH
1:00	3.00	06	Trip in hole with heavy weight pipe and remaining drill pipe in derrick. (wet cap).	11414	11414	NIH
4:00	1.50	22	Break Kelly / rig up flag pole.	11414	11414	NIH
5:30	0.50	06	Pull out of hole / lay down drill pipe.	11414	11414	NIH

Total:	24.00
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**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11414	21:00	17.10	17.00	72	40	18	14/26/34	0.0	7.8		2.00	40.0%	6.0%	54.0%	0.0%
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					28000	43820	1320	9.20	11.90	388406	42255	0.00	90/10	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	18.0	108	increased Density to 17.1ppg. Increasedlow speed rheologys and brought Yeild point up to a proper 16.											

Well Name: Greentown State 31-362216															
Field Name:	Wildcat				S/T/R:	36/22S/16E				County, State:	Grand, UT				
Operator:	Delta Petroleum Corporation				Location Desc:					District:	Northern				
Daily Summary															
Activity Date :	8/3/2008		Days From Spud :	182		Current Depth :	11414 Ft		24 Hr. Footage Made :	0 Ft					
Rig Company :	DHS				Rig Name:	DHS #1									
Formation :	"O" zone clastics				Weather:										
Operations															
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run			
6:00	3.50	06	Lay down Drill pipe and collars.							11414	11414	NIH			
9:30	0.50	22	Rig down laydown machine.							11414	11414	NIH			
10:00	2.00	23	Pick up and run Halliburton storm packer to 95'							11414	11414	NIH			
12:00	14.50	14	Nipple down BOP.							11414	11414	NIH			
2:30	3.50	14	Nipple up Dry hole tree.							11414	11414	NIH			
Total:	24.00														
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
							//								
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
Water Loss	LCM	ECD	FL Temp	Remarks											
				Mud has been hosed into storage											
Daily Summary															
Activity Date :	8/4/2008		Days From Spud :	183		Current Depth :	11414 Ft		24 Hr. Footage Made :	0 Ft					
Rig Company :	DHS				Rig Name:	DHS #1									
Formation :					Weather:										
Operations															
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run			
6:00	24.00	01	Clean up rig floor and Mud tanks / Rig down floor and sub area while waiting for Super vac to clean mud tanks.							11414	11414	NIH			
Total:	24.00														
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11414							//								
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
Water Loss	LCM	ECD	FL Temp	Remarks											
				Mud has been hosed into storage											
Daily Summary															
Activity Date :	8/5/2008		Days From Spud :	184		Current Depth :	11414 Ft		24 Hr. Footage Made :	0 Ft					
Rig Company :	DHS				Rig Name:	DHS #1									
Formation :					Weather:										
Operations															
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run			
6:00	24.00	22	Rig on stand by pending orders							11414	11414	NIH			
Total:	24.00														
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11414							//								
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
Water Loss	LCM	ECD	FL Temp	Remarks											
				Mud has been hosed into storage											

Well Name: Greentown State 31-362216															
Field Name: Wildcat			S/T/R: 36/22S/16E			County, State: Grand, UT									
Operator: Delta Petroleum Corporation				Location Desc:				District: Northern							
Daily Summary															
Activity Date :		8/6/2008		Days From Spud :		185		Current Depth :		11414 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :				DHS				Rig Name:			DHS #1				
Formation :								Weather:							
Operations															
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run		
6:00	24.00	22	Rig on stand by pending orders- Move pipe tubs to new location to inspect, clean mud pits								11414	11414	NIH		
Total:	24.00														
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11414							//								
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
Water Loss	LCM	ECD	FL Temp					Remarks							
								Mud has been hosed into storage							
Daily Summary															
Activity Date :		8/7/2008		Days From Spud :		186		Current Depth :		11414 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :				DHS				Rig Name:			DHS #1				
Formation :								Weather:							
Operations															
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run		
6:00	24.00	22	Clean mud pits,								11414	11414	NIH		
Total:	24.00														
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11414							//								
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
Water Loss	LCM	ECD	FL Temp					Remarks							
								Mud has been hosed into storage							
Daily Summary															
Activity Date :		8/8/2008		Days From Spud :		187		Current Depth :		11414 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :				DHS				Rig Name:			DHS #1				
Formation :								Weather:							
Operations															
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run		
6:00	12.00	22	Clean on rig, mud pits, inspecting Drill pipe at new location, building tank manifold								11414	11414	NIH		
18:00	12.00	22	Down for dark								11414	11414	NIH		
Total:	24.00														
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11414							//								
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
Water Loss	LCM	ECD	FL Temp					Remarks							
								Mud has been hosed into storage							



PLUTON INCORPORATED

Delta Petroleum Corporation

370 17th St. Suite #4300
Denver, CO 80202
(303) 293-9133

WellWork AFE Chronological
Regulatory Report

Well Name : Greentown State 31-362216
Prospect: Greentown AFE #: 3314
Sec/Twp/Rge: 36 / 22S / 16E Operator: Delta Petroleum Corporation
API #: 43019315550000 Field: Wildcat Supervisor: Wayne Wise
Work Type: Completion County, St.: Grand, UT Phone: 303-575-0327
Production Current/Expected Oil: 0 / 0 Gas: 0 / 0 Water: 0 / 0
Job Purpose : Complete Paradox Salt Wildcat Well.

Wellwork Details
Date: 7/29/2008 Activity: Circulate Rig Name: DHS #1 Days: 1
Daily Report Summary: Well test. Tight hole
Daily Report Detail: Well test. Tight hole.
From 0:00 To 4:00 4 hrs Category/Rmks: TIH :
From 4:00 To 12:00 8 hrs Category/Rmks: NU :
From 12:00 To 13:00 1 hrs Category/Rmks: MIRU :
From 13:00 To 17:00 4 hrs Category/Rmks: Circulate :
From 17:00 To 19:00 2 hrs Category/Rmks: Flow :
From 19:00 To 21:00 2 hrs Category/Rmks: MIRU :
From 21:00 To 0:00 3 hrs Category/Rmks: Circulate :
Date: 7/30/2008 Activity: Flow Rig Name: DHS #1 Days: 2
Daily Report Summary: Testing well. Tight hole.
Daily Report Detail: Testing well. Tight hole.
From 0:00 To 8:00 8 hrs Category/Rmks: SICP :
From 8:00 To 9:00 1 hrs Category/Rmks: Flow :
From 9:00 To 14:00 5 hrs Category/Rmks: SICP :
From 14:00 To 0:00 10 hrs Category/Rmks: Flow :
Date: 7/31/2008 Activity: test Rig Name: DHS #1 Days: 3
Daily Report Summary: Testing well. Tight hole.
Daily Report Detail: Testing well. Tight hole.
From 0:00 To 10:00 10 hrs Category/Rmks: Flow :
From 10:00 To 15:00 5 hrs Category/Rmks: MIRU :
From 15:00 To 16:00 1 hrs Category/Rmks: TIH :
From 16:00 To 21:00 5 hrs Category/Rmks: Other :
From 21:00 To 23:00 2 hrs Category/Rmks: TIH :
From 23:00 To 0:00 1 hrs Category/Rmks: Circulate :
Date: 8/1/2008 Activity: test Rig Name: DHS #1 Days: 4
Daily Report Summary:
Daily Report Detail: Testing well. Tight hole.
Date: 8/10/2008 Activity: Cost adjustment Rig Name: Leed 704 Days: 13
Daily Report Summary: Cost Adjustment.
Daily Report Detail: Cost Adjustment.
Date: 8/19/2008 Activity: MIRU Rig Name: Leed 704 Days: 22
Daily Report Summary: Well shut in. Clean up location. Set Anchors. MIRU Leed 704. RU Pipe racks and catwalk. RU pump and Tank. MIRU FESCO. SICP 20 psi. Bleed pressure to rig tank. Recover 1 bbl. SDFN.
Daily Report Detail: Well shut in. SICP 3000 psi. Clean up location. Set Anchors. MIRU Leed 704. RU Pipe racks and catwalk. RU pump and Tank. MIRU FESCO. Bleed pressure to rig tank. Recover 1 bbl. SDFN. SICP 20 psi.
From 0:00 To 7:00 7 hrs Category/Rmks: SDFN :
From 7:00 To 18:00 11 hrs Category/Rmks: MIRU :
From 18:00 To 0:00 6 hrs Category/Rmks: SDFN :

**Well Name : Greentown State 31-362216**

Prospect:	Greentown			AFE #:	3314	
Sec/Twp/Rge:	36 / 22S / 16E			Operator:	a Petroleum Corpora	
API #:	43019315550000	Field:	Wildcat	Supervisor:	Wayne Wise	
Work Type:	Completion	County, St.:	Grand, UT	Phone:	303-575-0327	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

**Job Purpose :** Complete Paradox Salt Wildcat Well.

Date :	<b>8/20/2008</b>	Activity:	POOH w/Pkr	Rig Name:	Leed 704	Days :	23
Daily Report Summary :	SICP 2600 psi. Bled well down. Recovered .5 bbl. ND Production Tree. NU BOP. PU HES tool to retrieve 7" RTTS with "Storm Valve". Equalize packer. Release packer. TOOH. Lay down down packer. Install 4" pipe rams. RU line to flow back tank. SDFN. Wait on Drill pipe tongs. SICP 0 psi. SDFN.						
Daily Report Detail:	SICP 2600 psi. Bled well down. Recovered .5 bbl. ND Production Tree. NU BOP. PU HES tool to retrieve 7" RTTS with "Storm Valve". Equalize packer. Release packer. TOOH. Lay down down packer. Install 4" pipe rams. RU line to flow back tank. SDFN. Wait on Drill pipe tongs. SICP 0 psi. SDFN.						
Date :	<b>8/21/2008</b>	Activity:	Wait on equipment	Rig Name:	Leed 704	Days :	24
Daily Report Summary :	Well shut in overnight. SITP 650 psi. SICP 500 psi. Bleed down well. RU Manual Tongs. Attempt to break HT 38 Drill Pipe. Tried to "heat" up connections. Still would not break. RD tongs. Ordered large hydraulic tongs. Will show up at 0700 hrs. SDFN. SICP 0 psi. SITP 0 psi.						
Daily Report Detail:	Well shut in overnight. SITP 650 psi. SICP 500 psi. Bleed down well. RU Manual Tongs. Attempt to break HT 38 Drill Pipe. Tried to "heat" up connections. Still would not break. RD tongs. Ordered large hydraulic tongs. Will show up at 0700 hrs. SDFN. SICP 0 psi. SITP 0 psi.						
From 0:00 To 7:00	7 hrs	Category/Rmks:	SDFN :				
From 7:00 To 10:00	3 hrs	Category/Rmks:	RU :				
From 10:00 To 15:00	5 hrs	Category/Rmks:	Other :				
From 15:00 To 0:00	9 hrs	Category/Rmks:	SDFN :				
Date :	<b>8/22/2008</b>	Activity:	RD	Rig Name:	Leed 704	Days :	25
Daily Report Summary :	Well shut in. SICP 600 psi. SITP 650 psi. RU Caliper Casing Service. Lay down 9 jts of HT 38, 29#. NU 10K, Weatherford Frac Valve. PU Tubing Hanger. Land in well head. MIRU Cameron. Set back pressure valve in tubing hanger. MIRU HN Gold. Pressure test lines to 10K. RU to well head. Pressure test frac valve and BOP's to 10 K. Hold pressure for 25 minutes. Bleed pressure off. RDMO Cameron and HN Gold. RDMO Leed Rig #704. SI well. SICP 0 psi.						
Daily Report Detail:	Well shut in. SICP 600 psi. SITP 650 psi. RU Caliper Casing Service. Lay down 9 jts of HT 38, 29#. NU 10K, Weatherford Frac Valve. PU Tubing Hanger. Land in well head. MIRU Cameron. Set back pressure valve in tubing hanger. MIRU HN Gold. Pressure test lines to 10K. RU to well head. Pressure test frac valve and BOP's to 10 K. Hold pressure for 25 minutes. Bleed pressure off. RDMO Cameron and HN Gold. RDMO Leed Rig #704. SI well. SICP 0 psi.						
From 0:00 To 7:00	7 hrs	Category/Rmks:	SDFN :				
From 7:00 To 9:00	2 hrs	Category/Rmks:	RU :				
From 9:00 To 12:00	3 hrs	Category/Rmks:	TOOH :				
From 12:00 To 17:00	5 hrs	Category/Rmks:	RD :				
From 17:00 To 0:00	7 hrs	Category/Rmks:	SDFN :				
Date :	<b>8/23/2008</b>	Activity:	Prep to frac	Rig Name:	Leed 704	Days :	26
Daily Report Summary :	Well shut in. Filling Diesel tanks for breakdown and frac						
Daily Report Detail:	Well shut in. Filling Diesel tanks for breakdown and frac						
From 0:00 To 0:00	24 hrs	Category/Rmks:	SDFN :				
Date :	<b>8/24/2008</b>	Activity:	Prep for frac	Rig Name:	Leed 704	Days :	27
Daily Report Summary :	Well shut in, preparing for Breakdown and frac.						
Daily Report Detail:	Well shut in, preparing for Breakdown and frac.						
From 0:00 To 0:00	24 hrs	Category/Rmks:	SDFN :				

**Well Name : Greentown State 31-362216**

Prospect:	Greentown		AFE #:	3314		
Sec/Twp/Rge:	36 / 22S / 16E		Operator:	a Petroleum Corpora		
API #:	43019315550000	Field:	Wildcat	Supervisor:	Wayne Wise	
Work Type:	Completion	County, St.:	Grand, UT	Phone:	303-575-0327	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Job Purpose : Complete Paradox Salt Wildcat Well.						

Date :	<b>8/25/2008</b>	Activity:	Breakdown	Rig Name:		Days :	28
Daily Report Summary :	Well shut in overnight. Testing Tight hole. MIRU Halliburton frac crew. Pump diesel breakdown and flush stages. ISIP 6050. Frac Gradient 0.98 psi/ft. Average pressure 6408 psi. Average Rate 17.7 bpm. Load 2300 bbls. RDMO Halliburton Frac Crew. Turn well over to FESCO flowback crew. Secure well. SDFN.						
	Total Load Recovered = 0 bbls						
	Total Load Remaining = 2300 bbls						
Daily Report Detail:	Well shut in overnight. Testing Tight hole. MIRU Halliburton frac crew. Pump diesel breakdown and flush stages. ISIP 6050. Frac Gradient 0.98 psi/ft. Average pressure 6408 psi. Average Rate 17.7 bpm. Load 2300 bbls. RDMO Halliburton Frac Crew. Turn well over to FESCO flowback crew. Secure well. SDFN.						
	Total Load Recovered = 0 bbls						
	Total Load Remaining = 2300 bbls						
Date :	<b>8/26/2008</b>	Activity:	Flow	Rig Name:		Days :	29
Daily Report Summary :	Testing Tight Hole. Continue to flowback frac. MIRU coiled tubing unit.						
	Total load Recovered = 504 bbls						
	Total Load remaining = 1796 bbls						
Daily Report Detail:	Testing Tight Hole. Continue to flowback frac. MIRU coiled tubing unit.						
	Total load Recovered = 504 bbls						
	Total Load remaining = 1796 bbls						
From 0:00 To 0:00	24 hrs	Category/Rmks:	Flow :				
Date :	<b>8/27/2008</b>	Activity:	Jetting	Rig Name:		Days :	30
Daily Report Summary :	Testing Tight Hole. Continue to flowback frac. TIH with 1.75" coil tubing and jet nozzle. Jet well dry with nitrogen. RDMO coil tubing unit. Secure well. Turn well over to FESCO. SDFN.						
	Total load Recovered = 278 bbls						
	Total Load remaining = 1518 bbls						
Daily Report Detail:	Testing Tight Hole. Continue to flowback frac. TIH with 1.75" coil tubing and jet nozzle. Jet well dry with nitrogen. RDMO coil tubing unit. Secure well. Turn well over to FESCO. SDFN.						
	Total load Recovered = 278 bbls						
	Total Load remaining = 1518 bbls						
Date :	<b>8/28/2008</b>	Activity:	Flow	Rig Name:		Days :	31
Daily Report Summary :	Testing Tight Hole. Continue to flowback frac.						
	Total load Recovered = 12 bbls						
	Total Load remaining = 1506 bbls						
Daily Report Detail:	Testing Tight Hole. Continue to flowback frac.						
	Total load Recovered = 12 bbls						
	Total Load remaining = 1506 bbls						

Well Name : Greentown State 31-362216						
Prospect:	Greentown			AFE #:	3314	
Sec/Twp/Rge:	36 / 22S / 16E			Operator:	a Petroleum Corpora	
API #:	43019315550000	Field:	Wildcat	Supervisor:	Wayne Wise	
Work Type:	Completion	County , St.:	Grand, UT	Phone:	303-575-0327	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Job Purpose : Complete Paradox Salt Wildcat Well.						
Date :	8/29/2008	Activity:	Frac	Rig Name:	Days :32	
Daily Report Summary :	<p>RU Halliburton Frac crew. Fill Hole with used diesel. Bring rate on slowly. Bring rate up to 20 bpm and pump for a couple of minutes. Shut down. ISIP 6000 psi. Frac Gradient 0.98 psi/ft. Bring on pumps and pump Pad, 0.50 ppg, 1 ppg, 2 ppg, 2.5 ppg, 3 ppg, 4 ppg, &amp; flush stages. ISIP 6330 psi. FG 1.01 psi/ft. 5 minute 6312 psi, 10 minute 6297 psi, 15 minute 6296 psi. Load 46685 gallons. Average pressure 6528 psi. Average Rate 20.1 bpm. Max Pressure 6693 psi. Max Rate 21 bpm. Pumped 50,200 lbs Carbolite 16/20 mesh. SI well. RD Halliburton from wellhead. RU to flowback. Turn well over to FESCO.</p> <p>Testing Tight Hole. flowback frac.</p> <p>Total load Recovered = 0 bbls</p> <p>Total Load remaining = 1112 bbls</p>					
Daily Report Detail:	<p>RU Halliburton Frac crew. Fill Hole with used diesel. Bring rate on slowly. Bring rate up to 20 bpm and pump for a couple of minutes. Shut down. ISIP 6000 psi. Frac Gradient 0.98 psi/ft. Bring on pumps and pump Pad, 0.50 ppg, 1 ppg, 2 ppg, 2.5 ppg, 3 ppg, 4 ppg, &amp; flush stages. ISIP 6330 psi. FG 1.01 psi/ft. 5 minute 6312 psi, 10 minute 6297 psi, 15 minute 6296 psi. Load 46685 gallons. Average pressure 6528 psi. Average Rate 20.1 bpm. Max Pressure 6693 psi. Max Rate 21 bpm. Pumped 50,200 lbs Carbolite 16/20 mesh. SI well. RD Halliburton from wellhead. RU to flowback. Turn well over to FESCO.</p> <p>Testing Tight Hole. flowback frac.</p> <p>Total load Recovered = 0 bbls</p> <p>Total Load remaining = 1112 bbls</p>					
Date :	8/30/2008	Activity:	Flow back frac	Rig Name:	Days :33	
Daily Report Summary :	<p>Testing Tight Hole. Continue to flowback frac.</p> <p>Total load Recovered = 864 bbls</p> <p>Total Load remaining = 248 bbls</p>					
Daily Report Detail:	<p>Testing Tight Hole. Continue to flowback frac.</p> <p>Total load Recovered = 864 bbls</p> <p>Total Load remaining = 248 bbls</p>					
Date :	8/31/2008	Activity:	Flow back frac	Rig Name:	Days :34	
Daily Report Summary :	<p>Testing Tight Hole. Continue to flowback frac.</p> <p>Total load Recovered = 169 bbls</p> <p>Total Load remaining = 79 bbls</p>					
Daily Report Detail:	<p>Testing Tight Hole. Continue to flowback frac.</p> <p>Total load Recovered = 169 bbls</p> <p>Total Load remaining = 79 bbls</p>					

**Well Name : Greentown State 31-362216**

Prospect:	Greentown		AFE #:	3314		
Sec/Twp/Rge:	36 / 22S / 16E		Operator:	Petroleum Corpora		
API #:	43019315550000	Field:	Wildcat	Supervisor:	Wayne Wise	
Work Type:	Completion	County, St.:	Grand, UT	Phone:	303-575-0327	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

**Job Purpose :** Complete Paradox Salt Wildcat Well.

<b>Date :</b>	<b>9/1/2008</b>	<b>Activity:</b>	Flow back frac	<b>Rig Name:</b>		<b>Days :</b>	35
<b>Daily Report Summary :</b>	Testing Tight Hole. Continue to flowback frac.						
	Total load Recovered = 0 bbls						
	Total Load remaining = 79 bbls						
<b>Daily Report Detail:</b>	Testing Tight Hole. Continue to flowback frac.						
	Total load Recovered = 0 bbls						
	Total Load remaining = 79 bbls						
<b>Date :</b>	<b>9/2/2008</b>	<b>Activity:</b>	Flow back frac	<b>Rig Name:</b>		<b>Days :</b>	36
<b>Daily Report Summary :</b>	Testing Tight Hole. Continue to flowback frac.						
	Total load Recovered = 463 bbls						
	Total Load remaining = -383 bbls						
<b>Daily Report Detail:</b>	Testing Tight Hole. Continue to flowback frac.						
	Total load Recovered = 463 bbls						
	Total Load remaining = -383 bbls						
<b>Date :</b>	<b>9/19/2008</b>	<b>Activity:</b>	Coiled tubing	<b>Rig Name:</b>		<b>Days :</b>	53
<b>Daily Report Summary :</b>	Well open to flow-back tank, no flow. NU flow manifold, MIRU CTS coil tubing unit. Started in the hole with the coil tubing, and the well started to flow into the tank with 100# back pressure on the 2" flow line. Well flowed a 112 bbls of diesel fluid into the tank, and died. RIH with the coil tubing while pumping nitrogen. Started to drag at 8225', and raised the nitrogen rate from 300scfm to 900scfm. Ran the coil tubing with wash nozzle to 10,797'. Pumped nitrogen to clear the hole, and POOH with the coil tubing. Recovered a total of 163 bbls of diesel fluid. RD the coil unit, left the well open to the flow back tank, and SDFN.						
<b>Daily Report Detail:</b>	Well open to flow-back tank, no flow. NU flow manifold, MIRU CTS coil tubing unit. Started in the hole with the coil tubing, and the well started to flow into the tank with 100# back pressure on the 2" flow line. Well flowed a 112 bbls of diesel fluid into the tank, and died. RIH with the coil tubing while pumping nitrogen. Started to drag at 8225', and raised the nitrogen rate from 300scfm to 900scfm. Ran the coil tubing with wash nozzle to 10,797'. Pumped nitrogen to clear the hole, and POOH with the coil tubing. Recovered a total of 163 bbls of diesel fluid. RD the coil unit, left the well open to the flow back tank, and SDFN.						
<b>Date :</b>	<b>9/20/2008</b>	<b>Activity:</b>	NU BOP	<b>Rig Name:</b>		<b>Days :</b>	54
<b>Daily Report Summary :</b>	Well was open to the tank with no flow. MIRU crane and unloaded a Weatherford BOP and frac valve. MU frac valve on top of BOP. ND tree flange and crown, and installed a tubing hanger with a back-pressure valve. NU BOP and frac valve, with top flange and crown valve. RD the crane, left the well open to the flow-back tank, and SD.						
<b>Daily Report Detail:</b>	Well was open to the tank with no flow. MIRU crane and unloaded a Weatherford BOP and frac valve. MU frac valve on top of BOP. ND tree flange and crown, and installed a tubing hanger with a back-pressure valve. NU BOP and frac valve, with top flange and crown valve. RD the crane, left the well open to the flow-back tank, and SD.						
<b>Date :</b>	<b>10/17/2008</b>	<b>Activity:</b>	Cost adjustment	<b>Rig Name:</b>		<b>Days :</b>	81
<b>Daily Report Summary :</b>							
<b>Daily Report Detail:</b>	adjust costs						
<b>Date :</b>	<b>11/11/2008</b>	<b>Activity:</b>	Cost adjustment	<b>Rig Name:</b>		<b>Days :</b>	106
<b>Daily Report Summary :</b>							
<b>Daily Report Detail:</b>							

**Casing**

DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD

**Well Name: Greentown State 31-362216**

Field Name:	Wildcat	S/T/R:	36/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

Formation					
Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments
Wingate	0	0	989	0	
White Rim	0	0	2637	0	
Shinarump	0	0	1608	0	
Pinkerton Trail	0	0	8837	0	
Paradox Salt	0	0	5537	0	
Navajo	0	0	484	0	
Morrison-Salt Wash m	0	0	0	0	
Moenkopi	0	0	1763	0	
Kayenta	0	0	894	0	
Honaker Trail	0	0	3253	0	
Entrada	0	0	85	0	
Cutler	0	0	2945	0	
Chinle	0	0	1358	0	
Carmel	0	0	337	0	
	0	0	0	0	

Casing									
DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
2/5/2008	988.62	24	3. Surface	13.375	54.5	J-55	0	17.5	988
Stage: 1, Spacer, 0, 0, 40 bbl Gel water flush 15 ppb gel, Artic, 0, 0									
Stage: 1, Lead, 0, 200, Versacem, Lightweight, 2.57, 12									
Stage: 1, Tail, 0, 390, Type 1-2, Class A, 1.82, 13.5									
Stage: 1, Displacement, 142, 0, fresh water, , 0, 0									
2/16/2008	5575.96	138	4. Intermediate	0	0		0	12.25	5540
Stage: 1, Lead, 0, 965, Elastiseal,, Class G, 1.56, 8.33									
Stage: 1, Tail, 0, 337, Halcem, Class G, 1.25, 15.8									
Stage: 1, Top Out, 0, 200, , Class G, 1.17, 15.8									
3/29/2008	9010.97	206	5. Production	7	35		0	8.5	9016
Stage: 1, Tail, 0, 850, .125lbm poly-e-flake,.3%hr-5,.15%hr25,6%welllife665, .2%halad@-344,.3%d-air3000,18%salt, Class G, 1.3, 15.5									
7/22/2008	11358.7	0	6. Liner	0	0		0	5.875	11414

**Well Name : Greentown State 31-362216**

Prospect:	Greentown					AFE #:	3314		
Sec/Twp/Rge:	36 / 22S / 16E					Operator:	a Petroleum Corpora		
API #:	43019315550000	Field:	Wildcat		Supervisor:	Wayne Wise			
Work Type:	Completion	County, St.:	Grand, UT		Phone:	303-575-0327			
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0			
Job Purpose : Complete Paradox Salt Wildcat Well.									
2/5/2008	988.62	24	3. Surface	13.375	54.5	J-55	0	17.5	988
Stage: 1, Spacer, 0, 0, 40 bbl Gel water flush 15 ppb gel, Artic, 0, 0									
Stage: 1, Lead, 0, 200, Versacem, Lightweight, 2.57, 12									
Stage: 1, Tail, 0, 390, Type 1-2, Class A, 1.82, 13.5									
Stage: 1, Displacement, 142, 0, fresh water, , 0, 0									
2/16/2008	5575.96	138	4. Intermediate	0	0		0	12.25	5540
Stage: 1, Lead, 0, 965, Elastiseal,, Class G, 1.56, 8.33									
Stage: 1, Tail, 0, 337, Halcem, Class G, 1.25, 15.8									
Stage: 1, Top Out, 0, 200, , Class G, 1.17, 15.8									
3/29/2008	9010.97	206	5. Production	7	35		0	8.5	9016
Stage: 1, Tail, 0, 850, .125lbm poly-e-flake,.3%hr-5,.15%hr25,6%wellife665, .2%halad@-344,.3%d-air3000,18%salt, Class G, 1.3, 15.5									
7/22/2008	11358.7	0	6. Liner	0	0		0	5.875	11414

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-50325</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>NA</b>
			7. UNIT or CA AGREEMENT NAME: <b>NA</b>
1. TYPE OF WELL <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> _____	2. NAME OF OPERATOR: <b>Delta Petroleum Corporation</b>		8. WELL NAME and NUMBER: <b>Greentown State 31-362216PH</b>
3. ADDRESS OF OPERATOR: <b>370 17th Street, #4300</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 820-0144</b>	9. API NUMBER: <b>4301931569</b>	
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1,025' FNL &amp; 2,290' FEL</b>		10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNE 36 22S 16E</b>		COUNTY: <b>Grand</b>	STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: <b>5/4/2009</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>Pit closure</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Delta would like to start the pit solidification and closure the week of May 4, 2009. It is hoped that some scheduling adjustment can be made and the work started sooner. If so the UDOGM representative will be notified in advance of the change.

The pit will be closed by Earthworks, Inc. of Riverton, Wyoming using solidification technology methods. (See attached.)

The remediation plan is designed to ensure that the pit waste, and other waste on location that is appropriate for solidification remediation, will be physically immobile and chemically stable after the processing. The waste will be properly treated to meet or exceed the following performance criteria.

1. Leachable Oil and Grease less than 10 mg/L.
2. Leachable Total Dissolved Solids less than 5,000 mg/L. If greater than 5,000 mg/L, then sodium (Na) will be less than or equal to 2,000 mg/L.

Composite samples of the solidified waste will be sent to an outside laboratory for independent performance testing. The lab results will be included in a project report and submitted under a Sundry Notice cover upon completion of the work. Preliminary soil samples have been taken and the results are attached.

NAME (PLEASE PRINT) Cheryl Johnson TITLE Regulatory Tech.

SIGNATURE *Cheryl Johnson* DATE 4/13/2009

(This space for State use only)

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

COPY SENT TO OPERATOR  
Date: 4.22.2009  
Initials: KS

**RECEIVED**  
**APR 20 2009**  
DIV. OF OIL, GAS & MINING

Date: 4/21/09  
By: *[Signature]*

(5/2000) (See Instructions on Reverse Side)

# **Delta Petroleum Corporation**

## **Drilling Pit Solidification and Pit Closure Plan**

### **Greentown State 31-362216**

This project is a standard oil base drill cuttings and mud reserve pit and contains approximately 13,584 BBLs of oil based drill cuttings & mud.

This reserve pit is full on the West side and fairly empty on the East side.

Drill waste will be moved from West side to East side to even out fluid levels. This phase of project will be done without breaching integrity of existing liner.

At this point the reserve pit will have adequate freeboard at this time to achieve final cover of 3' of original soils to facilitate seeding and sustained growth of native vegetation.

Earthworks, Inc will mobilize onto location and do a survey of entire location to determine if any other environmental issues exist.

Any waste found on location that is appropriate for solidification remediation will then be gathered up and placed into reserve pit to be treated.

Areas already identified are bermed area on the Southwest corner of location and the Northeast corner of pit. These areas will be placed in the reserve pit prior to start of treatment process.

Fencing will be pulled and stockpiled and at end of job and then taken to Delta Petroleum stock yard. At this time reagents will be added to the reserve pit starting on the East side of reserve pit.

Reagents will be added in predetermined amounts to facilitate one days worth of work. This project will result in approximately 10 sections being treated, one each day.

When proper amount of reagent has been added, the mixing of drill waste will commence with excavator. When proper mix is achieved the bottom, ends, and corners will be double checked for consistency. During this phase of the mixing process the pit liner will be breached in various places. When entire area has been adequately treated that area will be covered with native soil. This cover of treated material will occur on a daily basis as each section is completed. Native soil will be gathered from the East side of location. This area will be brought back into location following contour lines of original ground and shrinking the footprint of location at the same time.

As per standard operating procedure samples will be pulled on daily basis and composite samples sent to outside laboratory for independent testing for compliance of regulatory criteria.

At the finish of project the reserve pit area will be covered with native soil to at least existing pad grade.



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12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Ken Kreie  
Cordilleran Compliance - GJ, CO  
826 21 1/2 Road

Grand Junction, CO 81505

Report Summary

Monday April 06, 2009

Report Number: L395107

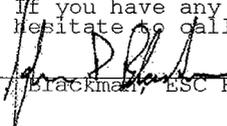
Samples Received: 03/30/09

Client Project:

Description: GTS 31-362216 Pit

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

  
John D. Blackman, ESC Representative

**Laboratory Certification Numbers**

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

This report may not be reproduced, except in full, without written approval from Environmental Science Corp.  
Where applicable, sampling conducted by ESC is performed per guidance provided  
in laboratory standard operating procedures: 060302, 060303, and 060304.

2 Samples Reported: 04/06/09 10:30 Printed: 04/06/09 10:30

Page 1 of 8



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REPORT OF ANALYSIS

Ken Kreie  
Cordilleran Compliance - GJ, CO  
826 21 1/2 Road  
Grand Junction, CO 81505

April 06, 2009

Date Received : March 30, 2009  
Description : GTS 31-362216 Pit  
Sample ID : GTS 31-362216 PIT 0-12 IN  
Collected By : Jeff Stoddart  
Collection Date : 03/26/09 16:00

ESC Sample # : L395107-01

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chloride	25000	500	mg/kg	9056	04/02/09	50
TPH (GC/FID) Low Fraction	350	20.	mg/kg	8015D/GRO	04/03/09	200
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene (FID)	85.2		% Rec.	602/8015	04/03/09	200
TPH (GC/FID) High Fraction	47000	2000	mg/kg	3546/DRO	04/01/09	500
Surrogate recovery(%) o-Terphenyl	0.00		% Rec.	3546/DRO	04/01/09	500

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 04/06/09 10:30 Printed: 04/06/09 10:30



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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ken Kreie  
Cordilleran Compliance - GJ, CO  
826 21 1/2 Road  
Grand Junction, CO 81505

April 06, 2009

Date Received : March 30, 2009  
Description : GTS 31-362216 Pit  
Sample ID : GTS 31-362216 CUT  
Collected By : Jeff Stoddart  
Collection Date : 03/26/09 16:15

ESC Sample # : L395107-02

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chloride	22000	500	mg/kg	9056	04/02/09	50
TPH (GC/FID) Low Fraction	64.	5.0	mg/kg	8015D/GRO	04/03/09	50
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	85.7		% Rec.	602/8015	04/03/09	50
TPH (GC/FID) High Fraction	19000	1600	mg/kg	3546/DRO	04/02/09	400
Surrogate recovery(%) o-Terphenyl	0.00		% Rec.	3546/DRO	04/02/09	400

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 04/06/09 10:30 Printed: 04/06/09 10:30

Attachment A  
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L395107-01	WG414309	SAMP	o-Terphenyl	R690809	J7
L395107-02	WG414545	SAMP	o-Terphenyl	R691347	J7

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed  
04/06/09 at 10:30:29

TSR Signing Reports: 151  
R5 - Desired TAT

cb-1/05;Run ALKs on separate dash, 1 day TAT, R3 priority; Client sends unpreserved vials for all projects; Run BTEXM by 8260 on separate dash.

Sample: L395107-01 Account: CORCOMGCO Received: 03/30/09 09:00 Due Date: 04/06/09 00:00 RPT Date: 04/06/09 10:30

Sample: L395107-02 Account: CORCOMGCO Received: 03/30/09 09:00 Due Date: 04/06/09 00:00 RPT Date: 04/06/09 10:30



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Cordilleran Compliance - GJ, CO  
Ken Kreie  
826 21 1/2 Road

Quality Assurance Report  
Level II

Grand Junction, CO 81505

April 06, 2009

L395107

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
TPH (GC/FID) High Fraction o-Terphenyl	< 4	ppm % Rec.	87.13	50-150	WG414309	03/31/09 16:12
TPH (GC/FID) High Fraction o-Terphenyl	< 4	ppm % Rec.	93.90	50-150	WG414545	04/01/09 10:43
Chloride	< 10	mg/kg			WG414603	04/02/09 16:23
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	< .1	mg/kg % Rec.	88.57	59-128	WG415070	04/03/09 03:35

Analyte	Units	Result	Duplicate		Limit	Ref Samp	Batch
			Duplicate	RPD			
Chloride	mg/kg	190.	177.	7.08	20	L394543-01	WG414603
Chloride	mg/kg	22000	22000	0.00	20	L395105-01	WG414603

Analyte	Units	Laboratory Control		% Rec	Limit	Batch
		Known Val	Sample Result			
TPH (GC/FID) High Fraction o-Terphenyl	ppm	60	45.4	75.7 104.3	50-150 50-150	WG414309 WG414309
TPH (GC/FID) High Fraction o-Terphenyl	ppm	60	48.2	80.3 98.36	50-150 50-150	WG414545 WG414545
Chloride	mg/kg	800	827.	103.	85-115	WG414603
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	mg/kg	5.5	6.16	112. 118.2	67-135 59-128	WG415070 WG415070

Analyte	Units	Laboratory Control		Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref					
TPH (GC/FID) High Fraction o-Terphenyl	ppm	46.1	45.4	77.0 95.50	50-150 50-150	1.55	20	WG414309 WG414309
TPH (GC/FID) High Fraction o-Terphenyl	ppm	50.3	48.2	84.0 96.91	50-150 50-150	4.23	20	WG414545 WG414545
Chloride	mg/kg	824.	827.	103.	85-115	0.363	20	WG414603
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	mg/kg	6.22	6.16	113. 111.6	67-135 59-128	0.958	20	WG415070 WG415070

Analyte	Units	Matrix Spike			% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV				
TPH (GC/FID) High Fraction	ppm	59.8	0.00	60	99.7	50-150	L395202-02	WG414545

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Cordilleran Compliance - GJ, CO  
Ken Kreie  
826 21 1/2 Road

Quality Assurance Report  
Level II

Grand Junction, CO 81505

L395107

April 06, 2009

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
o-Terphenyl Chloride	mg/kg	512.	0.00	500	88.28 102.	50-150 80-120	L395658-01	WG414603
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene (FID)	mg/kg	25.2	0.00	5.5	91.6 105.8	55-109 59-128	L395619-01	WG415070 WG415070

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
TPH (GC/FID) High Fraction o-Terphenyl	ppm	58.5	59.8	97.5 107.1	50-150 50-150	2.18	25	L395202-02	WG414545 WG414545
Chloride	mg/kg	505.	512.	101.	80-120	1.38	20	L395658-01	WG414603
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene (FID)	mg/kg	22.9	25.2	83.4 102.5	55-109 59-128	9.37	20	L395619-01	WG415070 WG415070

Batch number / Run number / Sample number cross reference

WG414309: R690809: L395107-01  
WG414545: R691347: L395107-02  
WG414603: R694307: L395107-01 02  
WG415070: R695866: L395107-01 02

\* \* Calculations are performed prior to rounding of reported values .  
\* Performance of this Analyte is outside of established criteria.  
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Quality Assurance Report  
Level II

Grand Junction, CO 81505

L395107

April 06, 2009

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Company Name/Address: <b>Cordilleran Compliance - GJ, CO</b> 826 21 1/2 Road Grand Junction.CO 81505			Alternate billing information:			Analysis/Container/Preservative			Chain of Custody Page <u>1</u> of <u>1</u>	
Report to: <u>Ken Kreie</u>			Email to: <u>kkreie@eaconsulting.com</u>			GPO DPO chloride			Prepared by: <b>B045</b>	
Project Description: <u>GTS 31-362216 PITS</u>			City/State Collected: <u>UT</u>						<b>ENVIRONMENTAL SCIENCE CORP.</b> 12065 Lebanon Road Mt. Juliet, TN 37122 Phone (615) 758-5858 Phone (800) 767-5859 FAX (615) 758-5859	
Phone: (970) 263-7800 FAX: (970) 263-7456		Client Project #:		ESC Key:					CoCode: <b>CORCOMGL</b> (lab use only) Template/Prelogia Shipped Via:	
Collected by: <u>Jeff Stockert</u>		Site/Facility ID#:		P.O.#:					Remarks/Contaminant Sample # (lab only)	
Collected by (signature): <u>[Signature]</u>		<input type="checkbox"/> Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day..... 200% <input type="checkbox"/> Next Day..... 100% <input type="checkbox"/> Two Day..... 50% <input type="checkbox"/> Three Day..... 25%		Date Results Needed: Email? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes FAX? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes					No. of Cntrs	
Immediately Packed on Ice N <input checked="" type="checkbox"/>										
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs				
GTS 31-362216 PIT	Comp	SS	0-12"	3/26/09	1600	3	X	X	X	
GTS 31-362216 CUT	Comp	SS	0-6"	3/26/09	1615	3	X	X	X	

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_ pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks: \_\_\_\_\_ 9632 6256 6504 Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature) <u>[Signature]</u>	Date: <u>3/27/09</u>	Time: <u>1700</u>	Received by: (Signature) <u>[Signature]</u>	Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/> _____	Condition: _____ (lab use only)
Relinquished by: (Signature) <u>[Signature]</u>	Date:	Time:	Received by: (Signature) <u>[Signature]</u>	Temp: <u>3.12</u>	Bottles Received: <u>6/27</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date:	Time:	Received for lab by: (Signature) <u>[Signature]</u>	Date: <u>3/30/09</u>	Time: <u>0900</u>
				CoC Seals Intact: <u>Y</u> <u>N</u> <u>NA</u>	pH Checked: _____ NCF: _____

Tight Hole-Status

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

AMENDED REPORT [ ] FORM 8 (highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [x] DRY [ ] OTHER [ ]
b. TYPE OF WORK: NEW WELL [x] HORIZ. LATS. [ ] DEEP-EN [ ] RE-ENTRY [ ] DIFF. RESVR. [ ] OTHER [ ]
2. NAME OF OPERATOR: Delta Petroleum Corporation
3. ADDRESS OF OPERATOR: 370 17th Street, #4300 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 293-9133
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1,025' FNL & 2,290' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: N/A AT TOTAL DEPTH: Same as surface
7. UNIT or CA AGREEMENT NAME: NA
8. WELL NAME and NUMBER: Greentown State 31-362216H
9. API NUMBER: 4301931569
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E
12. COUNTY: Grand 13. STATE: UTAH

14. DATE SPUDED: 1/25/2008 15. DATE T.D. REACHED: 4/12/2008 16. DATE COMPLETED: 4/15/2008 ABANDONED [x] READY TO PRODUCE [ ]
17. ELEVATIONS (DF, RKB, RT, GL): 4,212'- GR
18. TOTAL DEPTH: MD 9,210 TVD 9,210 19. PLUG BACK T.D.: MD 8,700 TVD 8,700 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE MD 8,700 PLUG SET: TVD 8,700
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Radial Analysis Bond log, Neutron/Density/Induction(4 runs), CBL
23. WAS WELL CORED? NO [x] YES [ ] (Submit analysis) WAS DST RUN? NO [x] YES [ ] (Submit report) DIRECTIONAL SURVEY? NO [x] YES [ ] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well) Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP \*\*, AMOUNT PULLED

25. TUBING RECORD Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

26. PRODUCING INTERVALS Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD)
27. PERFORATION RECORD Table with columns: INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS: [x] ELECTRICAL/MECHANICAL LOGS [ ] GEOLOGIC REPORT [ ] DST REPORT [ ] DIRECTIONAL SURVEY [ ] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [ ] CORE ANALYSIS [x] OTHER: Wellbore Diagram
30. WELL STATUS: T&A

RECEIVED

AUG 17 2009

**31. INITIAL PRODUCTION**

**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

**INTERVAL B (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

**INTERVAL C (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

**INTERVAL D (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Entrada	85
				Carmel	337
				Navajo	484
				Kaventa	894
				Wingate	989
				Chinle	1,358
				Shinarump	1,608
				White Rim	2,637
				Cutler	2,945
				Paradox Salt	5,537

**35. ADDITIONAL REMARKS (Include plugging procedure)**

CIBP @ 8700' (cemented w/ 60 sks of Class G cmt, 15.5 ppg slurry)  
 \*TOC calculations- 9-5/8" csg (per cbl 3/6/08) w/ 200 sx top out job on top & 7" csg (per cbl 4/12/08)  
 Received approval to sidetrack well to drill Horizontal leg

**36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.**

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer  
 SIGNATURE *Richard Bonham* DATE 08/06/09

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Tight Hole Status  
**CONFIDENTIAL**

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER Horizontal Leg #1

2. NAME OF OPERATOR: **Delta Petroleum Corporation**

3. ADDRESS OF OPERATOR: **370 17th Street, #4300** CITY **Denver** STATE **CO** ZIP **80202** PHONE NUMBER: **(303) 293-9133**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **1,025' FNL & 2,290' FEL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW: **N/A**  
AT TOTAL DEPTH: **Unknown (note in remarks)** *1439 fnl 1183 fel*

5. LEASE DESIGNATION AND SERIAL NUMBER: **ML-50325**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: **NA**

7. UNIT or CA AGREEMENT NAME: **NA**

8. WELL NAME and NUMBER: **Greentown State 31-362216H**

9. API NUMBER: **4301931569**

10. FIELD AND POOL, OR WILDCAT: **Wildcat**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWNE 36 22S 16E**

12. COUNTY: **Grand** 13. STATE: **UTAH**

14. DATE SPUDDED: **4/16/2008** 15. DATE T.D. REACHED: **5/5/2008** 16. DATE COMPLETED: **5/13/2008** ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): **4,212'- GR**

18. TOTAL DEPTH: MD **10,200** TVD **8,674** 19. PLUG BACK T.D.: MD **8,322** TVD **8,322** 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* \_\_\_\_\_ 21. DEPTH BRIDGE MD **8,322** PLUG SET: TVD **8,322**

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**None run for horizontal leg**

23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
N/A									

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A								

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) N/A								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:  ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: Wellbore Diagram

30. WELL STATUS: **P&A**

**31. INITIAL PRODUCTION**

**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL B (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL C (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL D (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Entrada	85
				Carmel	337
				Navajo	484
				Kaventa	894
				Wingate	989
				Chinle	1,358
				Shinarump	1,608
				White Rim	2,637
				Cutler	2,945
				Paradox Salt	5,537

**35. ADDITIONAL REMARKS (Include plugging procedure)**

This Cane Creek **Horizontal leg collapsed and was abandoned**. A directional survey was not run so the bottom hole location is unknown. CIBP set @ 8,322'

**36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.**

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer  
 SIGNATURE *Richard Bonham* DATE 08/06/09

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
 Fax: 801-359-3940

Tight Hole Status

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

AMENDED REPORT [ ] FORM 8
(highlight changes)

LEASE DESIGNATION AND SERIAL NUMBER:
M-30325

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [x] DRY [ ] OTHER [ ]
b. TYPE OF WORK: NEW WELL [ ] HORIZ. LATS. [x] DEEP-EN [ ] RE-ENTRY [x] DIFF. RESVR. [ ] OTHER Horizontal leg #2

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT OR CA AGREEMENT NAME
NA

8. WELL NAME AND NUMBER:
Greentown State 31-362216H

2. NAME OF OPERATOR:
Delta Petroleum Corporation

9. API NUMBER:
4301931569

3. ADDRESS OF OPERATOR:
370 17th Street, #4300 CITY Denver STATE CO ZIP 80202
PHONE NUMBER: (303) 293-9133

10. FIELD AND POOL, OR WILDCAT
Wildcat

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1,025' FNL & 2,290' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: N/A
AT TOTAL DEPTH: 1,830' FSL & 725' FEL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NWNE 36 22S 16E

12. COUNTY Grand 13. STATE UTAH

14. DATE SPUN: 5/14/2008 15. DATE T.D. REACHED: 6/3/2008 16. DATE COMPLETED: 6/15/2008
ABANDONED [x] READY TO PRODUCE [ ]

17. ELEVATIONS (DF, RKB, RT, GL):
4,212'- GR

18. TOTAL DEPTH: MD 11,475 TVD 8,628 19. PLUG BACK T.D.: MD 7,553 TVD 7553

21. DEPTH BRIDGE MD 7,553 PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
None run for horizontal leg

23. WAS WELL CORED? NO [x] YES [ ] (Submit analysis)
WAS DST RUN? NO [x] YES [ ] (Submit report)
DIRECTIONAL SURVEY? NO [ ] YES [x] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP \*\*, AMOUNT PULLED. Row 1: 5-7/8", 3-1/2" P110, 14.3#, 8,149, 11,475, Elasti 115, 26, 8149, None.

25. TUBING RECORD

Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD). Row 1: N/A, , .

26. PRODUCING INTERVALS

Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD). Row 1: (A) N/A, , , .

27. PERFORATION RECORD

Table with columns: INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS. Row 1: , , , Open [ ] Squeezed [ ]

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL.

29. ENCLOSED ATTACHMENTS:

[ ] ELECTRICAL/MECHANICAL LOGS [ ] GEOLOGIC REPORT [ ] DST REPORT [x] DIRECTIONAL SURVEY
[ ] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [ ] CORE ANALYSIS [x] OTHER: Wellbore Diagram

30. WELL STATUS:
P&A

RECEIVED

**31. INITIAL PRODUCTION**

**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL B (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL C (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL D (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Entrada	85
				Carmel	337
				Navaio	484
				Kaventa	894
				Wingate	989
				Chinle	1,358
				Shinarump	1,608
				White Rim	2,637
				Cutler	2,945
				Paradox Salt	5,537

**35. ADDITIONAL REMARKS (Include plugging procedure)**

CIBP @ 8,059' (8 sks of cement, yield 1.99) Estimated TOC @ 7970' & CIBP @ 7,553'

**36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.**

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer  
 SIGNATURE *Richard Bonham* DATE 08/06/09

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
 Fax: 801-359-3940



Company: Delta  
 Field: Grand Co., UT  
 Location: Sec.36-T22S-R16E  
 Well: Greentown State #31-362216 H  
 Wellbore #1



Survey: Survey Lat #1 (Greentown State #31-362216/Wellbore #1)

**WELL DETAILS: Greentown State #31-362216**

		Ground Level: 4212.0					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot	
0.0	0.0	6756328.25	2037327.90	38° 51' 33.355 N	110° 6' 22.327 W		

**WELLBORE TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Shape
(5) PBHL GS 31-362216 Lat #3	8247.0	-2154.0	1637.0	Point

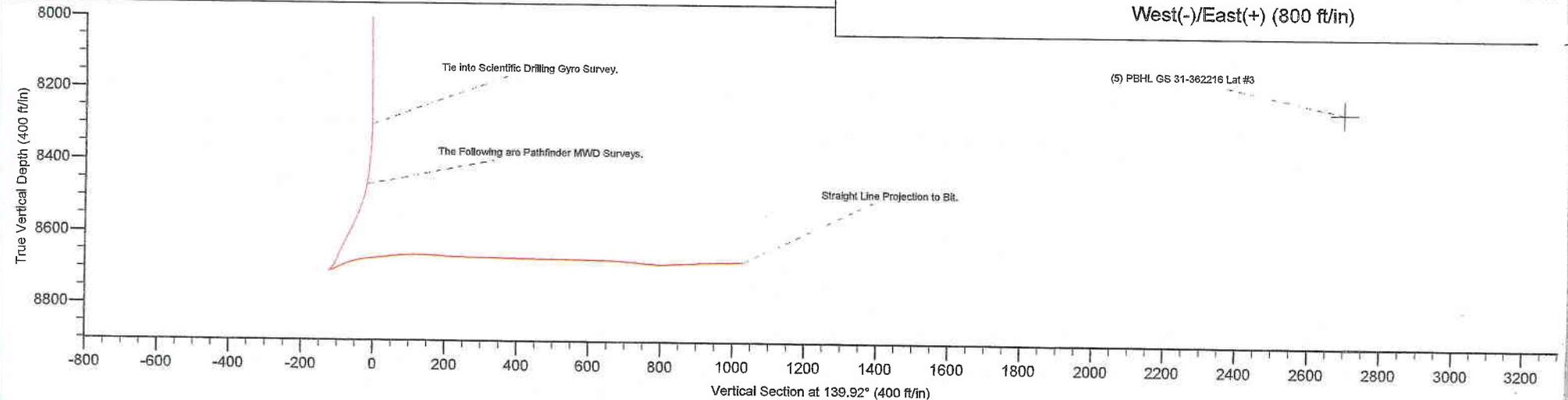
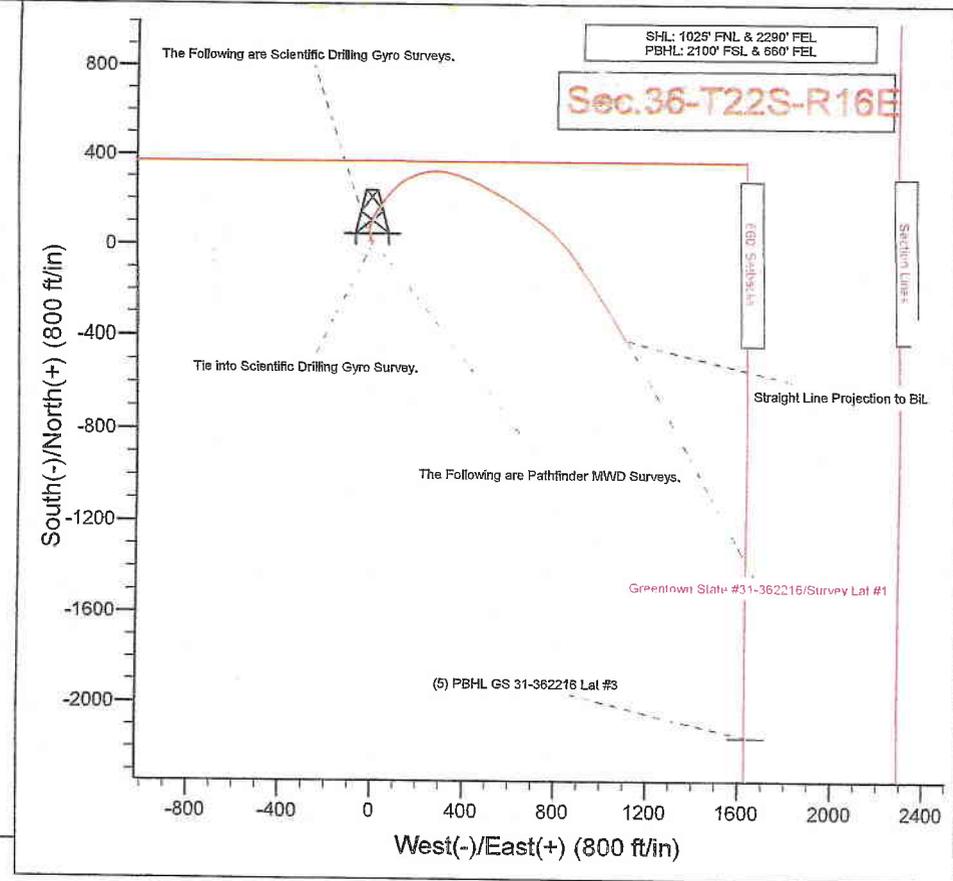
**ANNOTATIONS**

TVD	MD	Annotation
100.1	100.0	The Following are Scientific Drilling Gyro Surveys.
8299.7	8300.0	Tie into Scientific Drilling Gyro Survey.
8465.9	8467.0	The Following are Pathfinder MWD Surveys.
8676.6	10200.0	Straight Line Projection to Bit.



**Azimuths to True North**  
 Magnetic North: 11.51°

**Magnetic Field**  
 Strength: 51942.8mT  
 Dip Angle: 64.88°  
 Date: 6/4/2008  
 Model: IGRF200510





Company: Delta  
 Field: Grand Co., UT  
 Location: Sec.36-T22S-R16E  
 Well: Greentown State #31-362216  
 Wellbore #1



Survey: Survey Lat #2 (Greentown State #31-362216/Wellbore #1)

**WELL DETAILS: Greentown State #31-362216**

		Ground Level: 4212.0			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	6756328.25	2037327.90	38° 51' 33.355 N	110° 6' 22.327 W

**WELLBORE TARGET DETAILS**

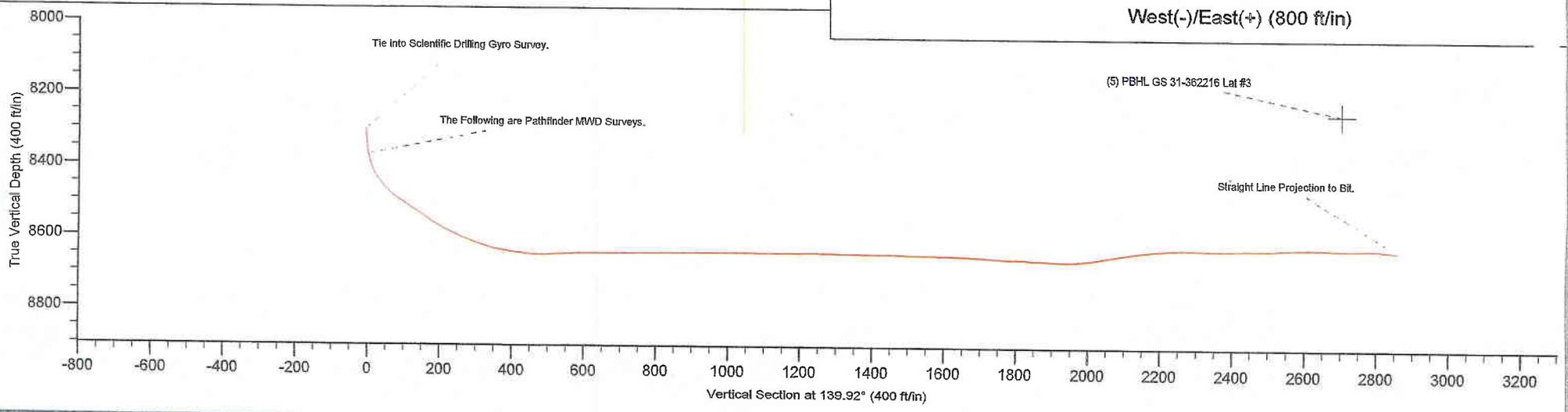
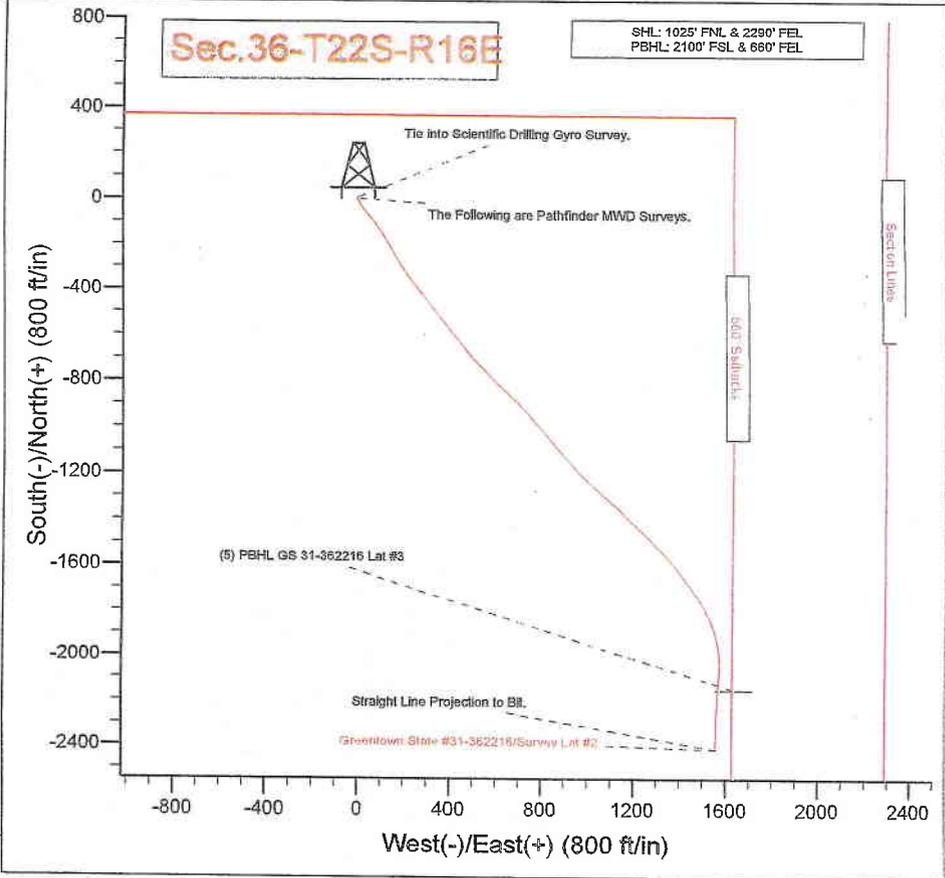
Name	TVD	+N/-S	+E/-W	Shape
(5) PBHL GS 31-362216 Lat #3	8247.0	-2154.0	1637.0	Point

**ANNOTATIONS**

TVD	MD	Annotation
8299.6	8300.0	Tie into Scientific Drilling Gyro Survey.
8369.0	8370.0	The Following are Pathfinder MWD Surveys.
8626.1	11475.0	Straight Line Projection to Bit.

**Azimuths to True North**  
 Magnetic North: 11.51°

**Magnetic Field**  
 Strength: 51942.8snT  
 Dip Angle: 64.88°  
 Date: 6/4/2008  
 Model: IGRF200510



# PathFinder Energy Services, Inc.

## Survey Report

Page 01/07  
Tie-in Date: 04/17/2008  
Date Completed: 06/03/2008

DELTA PETROLEUM  
GREENTOWN STATE 31-362216 LAT #2  
GREENTOWN

Rig:DHS 1  
PathFinder Office Supervisor: RICH ARNOLD  
PathFinder Field Engineers: SETH LINAMAN  
AARON FOREHAND

Survey Horiz. Reference:WELLHEAD  
Ref Coordinates: LAT:38.51.33.3550 N LON:110.6.22.3268 W  
GRID Reference:NAD83 utah central Lambert  
Ref GRID Coord: X: 2037327.9103 Y: 6756328.2479  
North Aligned To:TRUE NORTH  
Total Magnetic Correction:11.53° EAST TO TRUE  
Vertical Section Plane: 139.92  
Survey Vert. Reference: 23.00' Rotary Bushing To Ground  
Altitude:2412.00' Ground To MSL

Survey Calculations by PathCalc v1.97j using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
<b>THE FOLLOWING ARE SCIENTIFIC DRILLING GYRO SURVEYS</b>										
100.00	0.44	84.93	100.01	0.00	-0.22	0.49 S	0.92 W	1.04@	241.86	0.00
200.00	0.89	84.93	200.01	100.00	0.45	0.39 S	0.24 E	0.46@	148.63	0.45
300.00	1.33	84.93	299.99	100.00	1.56	0.22 S	2.17 E	2.18@	95.74	0.44
400.00	1.05	73.96	399.96	100.00	2.60	0.14 N	4.20 E	4.21@	88.12	0.36
500.00	1.24	23.40	499.95	100.00	2.49	1.38 N	5.51 E	5.68@	75.91	0.99
600.00	1.50	2.37	599.92	100.00	1.04	3.68 N	6.00 E	7.04@	58.43	0.56
700.00	1.98	359.01	699.87	100.00	-1.26	6.72 N	6.02 E	9.02@	41.86	0.49
800.00	1.95	356.53	799.81	100.00	-3.97	10.15 N	5.89 E	11.73@	30.13	0.09
900.00	1.11	353.45	899.78	100.00	-6.14	12.81 N	5.68 E	14.01@	23.90	0.84
1000.00	0.63	346.44	999.77	100.00	-7.44	14.30 N	5.44 E	15.30@	20.81	0.49
1100.00	0.56	342.31	1099.76	100.00	-8.39	15.30 N	5.16 E	16.15@	18.63	0.08
1200.00	0.55	330.96	1199.76	100.00	-9.31	16.19 N	4.78 E	16.88@	16.44	0.11
1300.00	0.57	323.86	1299.75	100.00	-10.28	17.01 N	4.25 E	17.53@	14.03	0.07
1400.00	0.42	309.79	1399.75	100.00	-11.13	17.65 N	3.68 E	18.02@	11.77	0.19
1500.00	0.37	294.89	1499.74	100.00	-11.79	18.02 N	3.10 E	18.28@	9.77	0.11
1600.00	0.51	271.15	1599.74	100.00	-12.37	18.16 N	2.36 E	18.31@	7.42	0.23
1700.00	0.53	266.47	1699.74	100.00	-12.94	18.14 N	1.46 E	18.20@	4.59	0.05
1800.00	0.81	271.35	1799.73	100.00	-13.69	18.13 N	0.29 E	18.13@	0.91	0.29
1900.00	0.77	270.59	1899.72	100.00	-14.59	18.15 N	1.09 W	18.19@	356.56	0.04
2000.00	0.79	271.00	1999.71	100.00	-15.48	18.17 N	2.45 W	18.34@	352.32	0.02
2100.00	0.60	263.41	2099.70	100.00	-16.22	18.12 N	3.66 W	18.49@	348.58	0.21
2200.00	0.51	255.49	2199.70	100.00	-16.71	17.95 N	4.61 W	18.54@	345.59	0.12
2300.00	0.55	246.33	2299.70	100.00	-17.03	17.65 N	5.48 W	18.48@	342.74	0.09
2400.00	0.53	233.87	2399.69	100.00	-17.20	17.18 N	6.29 W	18.30@	339.88	0.12
2500.00	0.57	222.04	2499.69	100.00	-17.16	16.54 N	7.00 W	17.96@	337.06	0.12
2600.00	0.55	208.27	2599.68	100.00	-16.92	15.75 N	7.56 W	17.47@	334.35	0.14

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-362216 LAT #2  
 GREENTOWN  
 RIG:DHS 1

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
2700.00	0.59	191.22	2699.68	100.00	-16.42	14.82 N	7.89 W	16.79@	331.97	0.17
2800.00	0.60	195.91	2799.67	100.00	-15.81	13.81 N	8.13 W	16.03@	329.51	0.05
2900.00	0.33	191.82	2899.67	100.00	-15.33	13.03 N	8.34 W	15.47@	327.39	0.27
3000.00	0.23	241.70	2999.67	100.00	-15.20	12.65 N	8.57 W	15.28@	325.88	0.25
3100.00	0.26	245.77	3099.67	100.00	-15.30	12.46 N	8.96 W	15.35@	324.30	0.03
3200.00	0.26	282.13	3199.67	100.00	-15.54	12.42 N	9.38 W	15.56@	322.92	0.16
3300.00	0.18	296.56	3299.66	100.00	-15.87	12.53 N	9.75 W	15.88@	322.13	0.10
3400.00	0.13	357.83	3399.66	100.00	-16.10	12.72 N	9.89 W	16.11@	322.13	0.16
3500.00	0.13	27.85	3499.66	100.00	-16.23	12.93 N	9.84 W	16.25@	322.72	0.07
3600.00	0.15	53.48	3599.66	100.00	-16.27	13.11 N	9.68 W	16.30@	323.55	0.07
3700.00	0.14	71.59	3699.66	100.00	-16.21	13.23 N	9.46 W	16.26@	324.42	0.05
3800.00	0.14	89.24	3799.66	100.00	-16.09	13.27 N	9.22 W	16.16@	325.19	0.04
3900.00	0.90	66.57	3899.66	100.00	-15.79	13.58 N	8.38 W	15.96@	328.32	0.77
4000.00	0.14	65.11	3999.65	100.00	-15.53	13.94 N	7.55 W	15.86@	331.56	0.76
4100.00	0.17	50.15	4099.65	100.00	-15.50	14.09 N	7.33 W	15.88@	332.53	0.05
4200.00	0.28	59.63	4199.65	100.00	-15.46	14.31 N	7.00 W	15.93@	333.93	0.12
4300.00	0.38	71.07	4299.65	100.00	-15.30	14.54 N	6.48 W	15.92@	335.99	0.12
4400.00	0.47	81.05	4399.65	100.00	-14.96	14.71 N	5.76 W	15.80@	338.63	0.12
4500.00	0.50	79.68	4499.64	100.00	-14.53	14.85 N	4.92 W	15.65@	341.66	0.03
4600.00	0.70	91.14	4599.64	100.00	-13.92	14.92 N	3.88 W	15.42@	345.41	0.23
4700.00	0.71	101.30	4699.63	100.00	-13.03	14.79 N	2.67 W	15.02@	349.78	0.13
4800.00	0.77	105.97	4799.62	100.00	-11.99	14.48 N	1.41 W	14.55@	354.43	0.09
4900.00	0.65	106.76	4899.62	100.00	-10.96	14.13 N	0.22 W	14.13@	359.10	0.12
5000.00	0.63	109.80	4999.61	100.00	-10.01	13.78 N	0.84 E	13.81@	3.48	0.04
5100.00	0.58	108.71	5099.60	100.00	-9.10	13.43 N	1.83 E	13.56@	7.78	0.05
5200.00	0.58	107.94	5199.60	100.00	-8.23	13.11 N	2.80 E	13.41@	12.03	0.01
5300.00	0.61	120.20	5299.59	100.00	-7.30	12.69 N	3.74 E	13.23@	16.41	0.13
5400.00	0.56	113.88	5399.59	100.00	-6.36	12.23 N	4.64 E	13.08@	20.80	0.08
5500.00	0.08	313.78	5499.59	100.00	-5.99	12.08 N	5.04 E	13.09@	22.66	0.64

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-362216 LAT #2  
 GREENTOWN  
 RIG:DHS 1

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
5600.00	0.07	265.57	5599.59	100.00	-6.10	12.12 N	4.93 E	13.08@	22.13	0.06
5700.00	0.10	240.74	5699.59	100.00	-6.15	12.07 N	4.79 E	12.99@	21.65	0.05
5800.00	0.07	72.31	5799.59	100.00	-6.14	12.05 N	4.77 E	12.96@	21.62	0.17
5900.00	0.07	88.99	5899.59	100.00	-6.08	12.07 N	4.89 E	13.02@	22.07	0.02
6000.00	0.04	52.27	5999.59	100.00	-6.04	12.09 N	4.98 E	13.08@	22.40	0.04
6100.00	0.13	250.54	6099.59	100.00	-6.08	12.07 N	4.90 E	13.03@	22.10	0.17
6200.00	0.17	240.38	6199.59	100.00	-6.15	11.96 N	4.67 E	12.84@	21.31	0.05
6300.00	0.24	158.33	6299.59	100.00	-5.98	11.69 N	4.62 E	12.57@	21.54	0.27
6400.00	0.20	187.73	6399.58	100.00	-5.66	11.33 N	4.67 E	12.25@	22.40	0.12
6500.00	0.15	173.54	6499.58	100.00	-5.43	11.02 N	4.66 E	11.97@	22.92	0.07
6600.00	0.07	249.49	6599.58	100.00	-5.35	10.87 N	4.62 E	11.81@	23.01	0.15
6700.00	0.15	217.42	6699.58	100.00	-5.34	10.75 N	4.48 E	11.64@	22.63	0.10
6800.00	0.05	275.79	6799.58	100.00	-5.34	10.65 N	4.36 E	11.50@	22.26	0.13
6900.00	0.13	282.59	6899.58	100.00	-5.46	10.68 N	4.20 E	11.47@	21.49	0.08
7000.00	0.12	245.41	6999.58	100.00	-5.58	10.66 N	4.00 E	11.38@	20.56	0.08
7100.00	0.04	25.07	7099.58	100.00	-5.62	10.65 N	3.92 E	11.34@	20.20	0.15
7200.00	0.08	218.87	7199.58	100.00	-5.62	10.62 N	3.89 E	11.31@	20.11	0.12
7300.00	0.05	279.32	7299.58	100.00	-5.64	10.58 N	3.80 E	11.24@	19.77	0.07
7400.00	0.21	168.80	7399.58	100.00	-5.52	10.40 N	3.79 E	11.07@	20.04	0.23
7500.00	0.19	134.80	7499.58	100.00	-5.19	10.11 N	3.95 E	10.85@	21.34	0.12
7600.00	0.09	45.89	7599.58	100.00	-5.03	10.04 N	4.12 E	10.86@	22.31	0.21
7700.00	0.07	228.39	7699.58	100.00	-5.04	10.06 N	4.13 E	10.87@	22.33	0.16
7800.00	0.28	265.82	7799.58	100.00	-5.18	10.00 N	3.84 E	10.71@	21.02	0.23
7900.00	0.41	120.83	7899.58	100.00	-4.98	9.80 N	3.91 E	10.55@	21.74	0.66
8000.00	0.32	209.39	7999.58	100.00	-4.55	9.37 N	4.08 E	10.22@	23.51	0.51
8100.00	0.67	242.12	8099.58	100.00	-4.57	8.86 N	3.42 E	9.49@	21.13	0.44
8200.00	0.45	206.77	8199.57	100.00	-4.54	8.23 N	2.73 E	8.67@	18.34	0.40
** TIE-IN TO SCIENTIFIC DRILLING GYRO SURVEY.										
8300.00	0.13	207.41	8299.57	100.00	-4.34	7.78 N	2.50 E	8.17@	17.81	0.32
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
8370.00	12.49	170.70	8369.01	70.00	2.22	0.21 N	3.69 E	3.70@	86.74	17.69
8402.00	21.63	164.72	8399.57	32.00	10.56	8.91 S	5.81 E	10.64@	146.91	29.05
8434.00	30.42	153.82	8428.32	32.00	23.81	21.91 S	10.95 E	24.49@	153.44	31.17

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-362216 LAT #2  
 GREENTOWN  
 RIG:DHS 1

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
8466.00	39.13	145.65	8454.59	32.00	41.77	37.55 S	20.25 E	42.66@	151.67	30.82
8498.00	47.92	139.76	8477.78	32.00	63.74	54.99 S	33.65 E	64.47@	148.54	30.23
8530.00	57.51	135.98	8497.15	32.00	89.15	73.81 S	50.74 E	89.57@	145.49	31.40
8562.00	56.72	141.61	8514.53	32.00	116.00	94.01 S	68.43 E	116.28@	143.95	14.98
8594.00	55.22	145.12	8532.44	32.00	142.46	115.28 S	84.26 E	142.79@	143.84	10.23
8626.00	55.05	147.41	8550.74	32.00	168.55	137.12 S	98.84 E	169.03@	144.21	5.90
8658.00	59.62	147.76	8568.00	32.00	195.24	159.85 S	113.28 E	195.92@	144.68	14.31
8690.00	64.10	149.69	8583.09	32.00	223.12	183.97 S	127.91 E	224.07@	145.19	14.98
8722.00	67.62	151.01	8596.18	32.00	251.83	209.34 S	142.35 E	253.16@	145.78	11.63
8754.00	68.24	150.66	8608.20	32.00	280.95	235.24 S	156.80 E	282.71@	146.31	2.19
8786.00	71.05	149.69	8619.33	32.00	310.47	261.26 S	171.72 E	312.65@	146.68	9.23
8818.00	75.01	148.82	8628.67	32.00	340.66	287.56 S	187.37 E	343.22@	146.91	12.65
8850.00	78.70	146.35	8635.95	32.00	371.54	313.86 S	204.07 E	374.37@	146.97	13.76
8881.00	80.90	144.51	8641.44	31.00	401.91	338.98 S	221.39 E	404.87@	146.85	9.19
8913.00	82.83	143.28	8645.97	32.00	433.51	364.57 S	240.05 E	436.50@	146.64	7.13
8945.00	86.61	142.40	8648.91	32.00	465.32	389.96 S	259.30 E	468.30@	146.38	12.13
8977.00	92.95	143.10	8649.03	32.00	497.27	415.42 S	278.66 E	500.22@	146.15	19.93
9009.00	93.74	143.10	8647.17	32.00	529.16	440.96 S	297.84 E	532.12@	145.96	2.47
9041.00	91.80	143.28	8645.62	32.00	561.07	466.55 S	316.99 E	564.05@	145.81	6.09
9073.00	91.45	142.22	8644.71	32.00	593.02	492.01 S	336.35 E	595.99@	145.64	3.49
9105.00	91.28	142.13	8643.95	32.00	624.99	517.28 S	355.97 E	627.93@	145.47	0.60
9137.00	89.96	141.78	8643.60	32.00	656.96	542.48 S	375.68 E	659.87@	145.30	4.27
9169.00	89.34	141.52	8643.80	32.00	688.95	567.57 S	395.54 E	691.80@	145.13	2.10
9201.00	91.19	141.87	8643.65	32.00	720.93	592.68 S	415.37 E	723.75@	144.98	5.88
9233.00	90.75	141.26	8643.11	32.00	752.91	617.75 S	435.26 E	755.69@	144.83	2.35
9265.00	90.31	139.68	8642.81	32.00	784.91	642.43 S	455.63 E	787.60@	144.65	5.13
9297.00	91.01	140.38	8642.44	32.00	816.91	666.95 S	476.18 E	819.49@	144.47	3.09
9329.00	90.66	139.76	8641.98	32.00	848.90	691.48 S	496.72 E	851.40@	144.31	2.22
9361.00	90.57	137.92	8641.63	32.00	880.89	715.57 S	517.78 E	883.26@	144.11	5.76

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-362216 LAT #2  
 GREENTOWN  
 RIG:DHS 1

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
9393.00	90.31	136.34	8641.39	32.00	912.85	739.02 S	539.55 E	915.02@	143.87	5.00
9425.00	90.04	135.10	8641.29	32.00	944.77	761.93 S	561.89 E	946.71@	143.59	3.97
9457.00	90.66	136.34	8641.09	32.00	976.68	784.84 S	584.23 E	978.42@	143.34	4.33
9489.00	89.69	135.02	8641.00	32.00	1008.59	807.74 S	606.59 E	1010.14@	143.09	5.12
9521.00	89.87	133.70	8641.12	32.00	1040.44	830.11 S	629.46 E	1041.78@	142.83	4.16
9553.00	89.34	131.76	8641.34	32.00	1072.19	851.82 S	652.97 E	1073.30@	142.53	6.28
9584.00	88.46	130.09	8641.94	31.00	1102.80	872.12 S	676.39 E	1103.67@	142.20	6.09
9616.00	89.78	134.40	8642.43	32.00	1134.50	893.63 S	700.07 E	1135.19@	141.93	14.08
9647.00	89.78	134.66	8642.55	31.00	1165.36	915.37 S	722.16 E	1165.94@	141.73	0.84
9679.00	91.45	140.03	8642.20	32.00	1197.31	938.89 S	743.84 E	1197.84@	141.61	17.57
9711.00	90.75	140.11	8641.59	32.00	1229.31	963.43 S	764.37 E	1229.82@	141.57	2.20
9742.00	88.46	139.06	8641.80	31.00	1260.30	987.03 S	784.47 E	1260.80@	141.52	8.13
9775.00	88.29	138.36	8642.74	33.00	1293.28	1011.81 S	806.24 E	1293.75@	141.45	2.18
9807.00	89.60	139.94	8643.33	32.00	1325.27	1036.01 S	827.16 E	1325.71@	141.40	6.41
9839.00	89.69	139.41	8643.53	32.00	1357.27	1060.41 S	847.87 E	1357.70@	141.36	1.68
9871.00	88.02	138.88	8644.16	32.00	1389.26	1084.61 S	868.80 E	1389.67@	141.30	5.48
9903.00	90.31	139.59	8644.63	32.00	1421.25	1108.84 S	889.69 E	1421.64@	141.26	7.49
9935.00	89.60	138.88	8644.66	32.00	1453.25	1133.07 S	910.58 E	1453.62@	141.21	3.14
9967.00	87.85	137.04	8645.37	32.00	1485.22	1156.83 S	932.00 E	1485.56@	141.14	7.93
9999.00	89.16	137.74	8646.20	32.00	1517.18	1180.37 S	953.66 E	1517.48@	141.06	4.64
10030.00	88.55	135.98	8646.82	31.00	1548.13	1202.99 S	974.85 E	1548.39@	140.98	6.01
10062.00	89.08	134.05	8647.48	32.00	1580.00	1225.62 S	997.47 E	1580.21@	140.86	6.25
10094.00	89.34	132.03	8647.93	32.00	1611.77	1247.45 S	1020.85 E	1611.92@	140.70	6.36
10126.00	88.55	131.59	8648.52	32.00	1643.44	1268.78 S	1044.70 E	1643.53@	140.53	2.83
10158.00	87.23	130.89	8649.69	32.00	1675.05	1289.86 S	1068.74 E	1675.10@	140.36	4.67
10190.00	86.70	131.76	8651.39	32.00	1706.65	1310.96 S	1092.74 E	1706.67@	140.19	3.18
10222.00	86.00	133.26	8653.42	32.00	1738.31	1332.54 S	1116.28 E	1738.32@	140.05	5.16
10254.00	86.61	133.08	8655.49	32.00	1770.03	1354.39 S	1139.57 E	1770.03@	139.92	1.99
10285.00	90.75	136.86	8656.20	31.00	1800.89	1376.28 S	1161.49 E	1800.89@	139.84	18.08

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-362216 LAT #2  
 GREENTOWN  
 RIG:DHS 1

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
10318.00	87.05	132.64	8656.84	33.00	1833.74	1399.50 S	1184.91 E	1833.75@	139.75	17.00
10349.00	86.44	133.96	8658.60	31.00	1864.48	1420.73 S	1207.43 E	1864.50@	139.64	4.68
10381.00	85.91	134.05	8660.73	32.00	1896.24	1442.91 S	1230.40 E	1896.28@	139.55	1.68
10413.00	88.29	132.73	8662.35	32.00	1927.99	1464.86 S	1253.62 E	1928.05@	139.44	8.50
10444.00	93.30	134.40	8661.92	31.00	1958.78	1486.22 S	1276.07 E	1958.88@	139.35	17.03
10476.00	96.64	135.90	8659.15	32.00	1990.55	1508.81 S	1298.55 E	1990.67@	139.28	11.43
10508.00	98.66	136.51	8654.89	32.00	2022.19	1531.71 S	1320.50 E	2022.34@	139.23	6.59
10540.00	99.72	138.88	8649.78	32.00	2053.76	1555.07 S	1341.76 E	2053.91@	139.21	8.03
10572.00	100.16	139.50	8644.25	32.00	2085.27	1578.92 S	1362.36 E	2085.43@	139.21	2.35
10604.00	99.45	141.34	8638.80	32.00	2116.80	1603.22 S	1382.45 E	2116.96@	139.23	6.08
10636.00	97.08	142.05	8634.20	32.00	2148.45	1628.07 S	1402.08 E	2148.59@	139.27	7.72
10668.00	95.67	142.31	8630.65	32.00	2180.23	1653.19 S	1421.58 E	2180.35@	139.31	4.48
10700.00	95.67	143.54	8627.49	32.00	2212.03	1678.60 S	1440.78 E	2212.13@	139.36	3.82
10732.00	93.74	144.95	8624.86	32.00	2243.83	1704.48 S	1459.41 E	2243.91@	139.43	7.46
10763.00	88.46	145.12	8624.27	31.00	2274.69	1729.87 S	1477.17 E	2274.75@	139.51	17.04
10796.00	88.11	148.46	8625.26	33.00	2307.43	1757.46 S	1495.23 E	2307.47@	139.61	10.17
10828.00	88.20	152.15	8626.29	32.00	2338.88	1785.24 S	1511.07 E	2338.89@	139.75	11.53
10860.00	91.19	153.30	8626.46	32.00	2370.08	1813.68 S	1525.73 E	2370.08@	139.93	10.01
10891.00	92.07	157.34	8625.57	31.00	2399.95	1841.83 S	1538.67 E	2399.97@	140.12	13.33
10924.00	91.89	160.24	8624.43	33.00	2431.16	1872.57 S	1550.60 E	2431.23@	140.37	8.80
10955.00	89.69	163.76	8624.01	31.00	2459.87	1902.05 S	1560.18 E	2460.07@	140.64	13.39
10988.00	89.87	166.74	8624.13	33.00	2489.70	1933.96 S	1568.58 E	2490.11@	140.96	9.05
11019.00	93.12	171.05	8623.32	31.00	2516.80	1964.35 S	1574.55 E	2517.51@	141.29	17.41
11052.00	93.65	175.01	8621.38	33.00	2544.39	1997.05 S	1578.54 E	2545.58@	141.68	12.09
11084.00	92.51	179.14	8619.65	32.00	2569.85	2028.95 S	1580.17 E	2571.69@	142.09	13.37
11116.00	89.78	180.72	8619.02	32.00	2594.35	2060.94 S	1580.21 E	2597.03@	142.52	9.86
11147.00	90.31	184.59	8618.99	31.00	2617.11	2091.90 S	1578.78 E	2620.80@	142.96	12.60
11179.00	88.37	184.59	8619.36	32.00	2639.87	2123.80 S	1576.21 E	2644.80@	143.42	6.06
11211.00	88.55	183.88	8620.22	32.00	2662.76	2155.70 S	1573.85 E	2669.09@	143.87	2.29

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-362216 LAT #2  
 GREENTOWN  
 RIG:DHS 1

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
11243.00	89.16	183.27	8620.86	32.00	2685.91	2187.63 S	1571.86 E	2693.78@	144.30	2.70
11276.00	90.04	181.42	8621.09	33.00	2710.26	2220.60 S	1570.51 E	2719.84@	144.73	6.21
11308.00	90.22	181.25	8621.02	32.00	2734.26	2252.59 S	1569.76 E	2745.60@	145.13	0.77
11339.00	91.45	182.39	8620.57	31.00	2757.33	2283.57 S	1568.78 E	2770.51@	145.51	5.41
11371.00	91.01	182.83	8619.88	32.00	2780.85	2315.53 S	1567.32 E	2796.10@	145.91	1.94
11403.00	85.74	180.98	8620.79	32.00	2804.61	2347.48 S	1566.26 E	2822.03@	146.29	17.45
STRAIGHT LINE PROJECTION TO BIT.										
11475.00	85.74	180.98	8626.13	72.00	2858.75	2419.28 S	1565.03 E	2881.36@	147.10	0.00

\*\* The survey data at tie-in point was furnished by a recognized survey company and entered as submitted. Survey stations above the tie-in point represent recalculated data by PathFinder Energy Services, Inc. and may reflect minor changes due to rounding differences between survey programs. Only survey stations taken by qualified PathFinder personnel are subject to certification.

Tight Hole Status

CONFIDENTIAL

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER  **Horizontal leg #3**

2. NAME OF OPERATOR: **Delta Petroleum Corporation**

3. ADDRESS OF OPERATOR: **370 17th Street, #4300** CITY **Denver** STATE **CO** ZIP **80202** PHONE NUMBER: **(303) 293-9133**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **1,025' FNL & 2,290' FEL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW: **N/A**  
AT TOTAL DEPTH: **Unknown 1478 fnl 1939 fel** *per HSM review*

5. LEASE DESIGNATION AND SERIAL NUMBER: **ML-50325**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: **NA**

7. UNIT or CA AGREEMENT NAME: **NA**

8. WELL NAME and NUMBER: **Greentown State 31-362216H**

9. API NUMBER: **4301931569**

10. FIELD AND POOL, OR WILDCAT: **Wildcat**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWNE 36 22S 16E**

12. COUNTY: **Grand** 13. STATE: **UTAH**

14. DATE SPUDDED: **6/16/2008** 15. DATE T.D. REACHED: **6/23/2008** 16. DATE COMPLETED: **7/1/2008** ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): **4,212'- GR**

18. TOTAL DEPTH: MD **8,498** TVD **1478** 19. PLUG BACK T.D.: MD **7,896** TVD **1939** 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* **1** 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**None run for horizontal leg**

23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A								

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) N/A								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS     GEOLOGIC REPORT     DST REPORT     DIRECTIONAL SURVEY

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION     CORE ANALYSIS     OTHER: **Wellbore Diagram**

30. WELL STATUS: **P&A**

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Entrada	85
				Carmel	337
				Navaio	484
				Kaventa	894
				Winqate	989
				Chinle	1,358
				Shinarump	1,608
				White Rim	2,637
				Cutler	2,945
				Paradox Salt	5,537

35. ADDITIONAL REMARKS (Include plugging procedure)

Cement plug w/ 100 sks of 17# type G cement w/ 18% salt and .2% HR 5 from 8498' - 7896' (TOC @ 7896')  
Left bit and motor in hole @ 8498', Tag fish top @ 8,493'

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer  
SIGNATURE *Richard Bonham* DATE 08/06/09

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
1594 West North Temple, Suite 1210  
Box 145801 Fax: 801-359-3940  
Salt Lake City, Utah 84114-5801



Company: Delta  
 Field: Grand Co., UT  
 Location: Sec.36-T22S-R16E  
 Well: Greentown State #31-362216H  
 Wellbore #1



Survey: Survey Lat #3-ST2 (Greentown State #31-362216/Wellbore #1)

**WELL DETAILS: Greentown State #31-362216**

		Ground Level: 4212.0							
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot			
0.0	0.0	6756328.25	2037327.90	38° 51' 33.355 N	110° 6' 22.327 W				

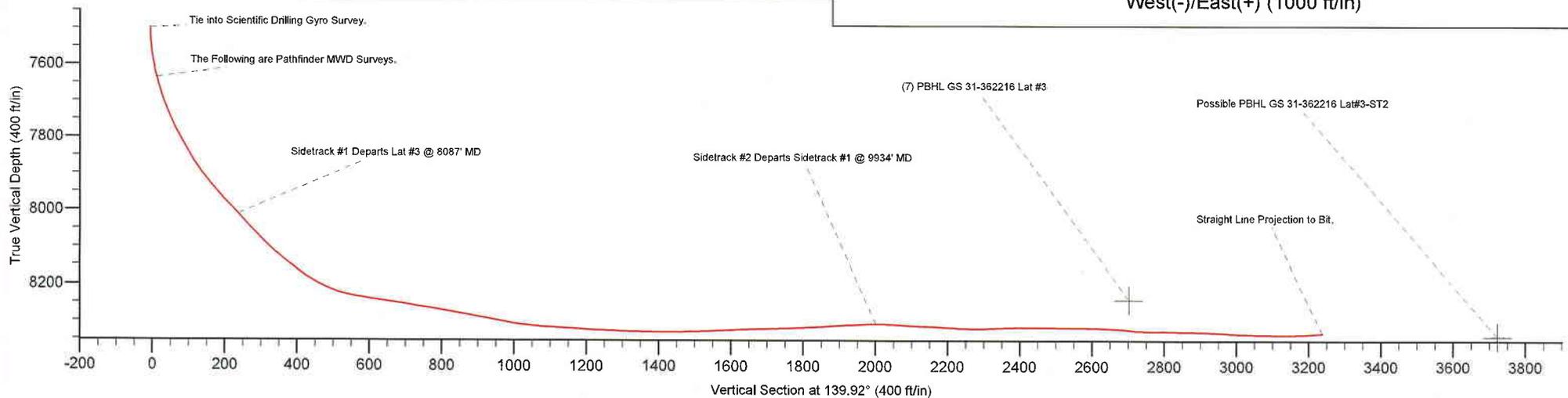
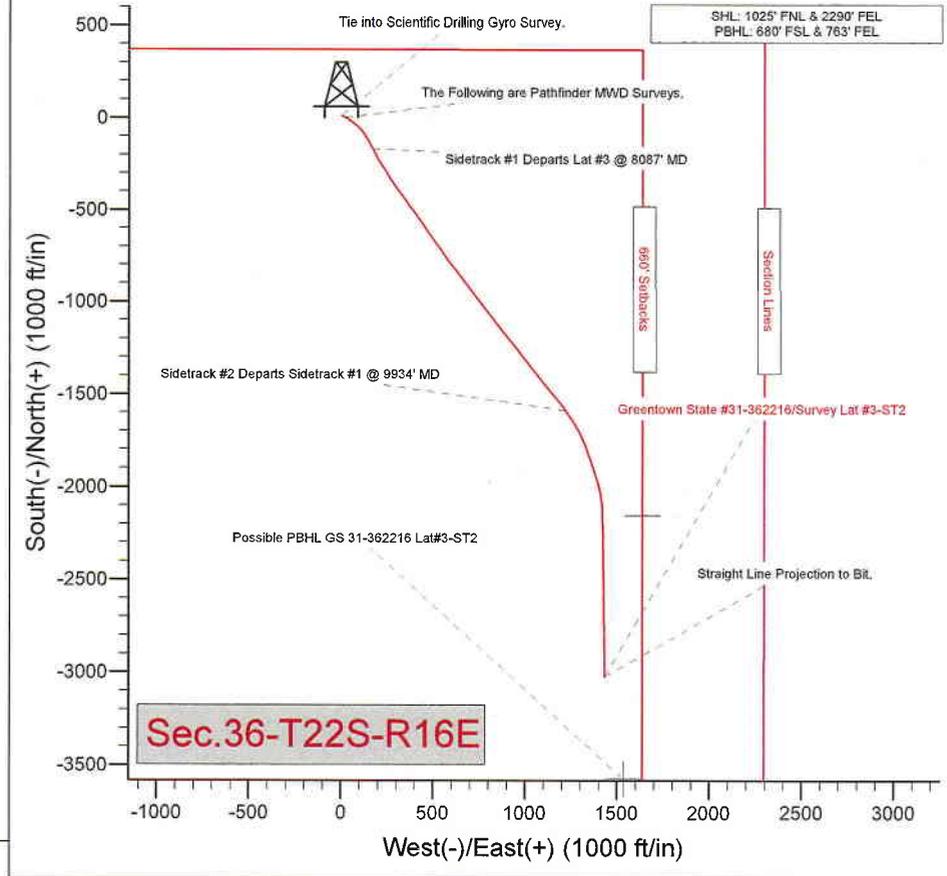
**WELLBORE TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Shape
(7) PBHL GS 31-362216 Lat #3	8240.6	-2164.0	1637.0	Point
Possible PBHL GS 31-362216 Lat#3-ST2	8340.4	-3574.5	1534.5	Point

**ANNOTATIONS**

TVD	MD	Annotation
7499.6	7500.0	Tie into Scientific Drilling Gyro Survey.
7636.9	7639.0	The Following are Pathfinder MWD Surveys.
8011.9	8084.0	Sidetrack #1 Departs Lat #3 @ 8087' MD
8308.6	9936.0	Sidetrack #2 Departs Sidetrack #1 @ 9934' MD
8332.7	11415.0	Straight Line Projection to Bit.

Azimuths to True North  
 Magnetic North: 11.51°  
 Magnetic Field  
 Strength: 51942.8nT  
 Dip Angle: 64.88°  
 Date: 6/4/2008  
 Model: IGRF200510



Horizontal leg #4



Company: Delta  
 Field: Grand Co., UT  
 Location: Sec.36-T22S-R16E  
 Well: Greentown State #31-362216  
 Wellbore #1



Survey: Survey Lat #3-ST2 (Greentown State #31-362216/Wellbore #1)

**WELL DETAILS: Greentown State #31-362216**

Ground Level: 4212.0						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	6756328.25	2037327.90	38° 51' 33.355 N	110° 6' 22.327 W	

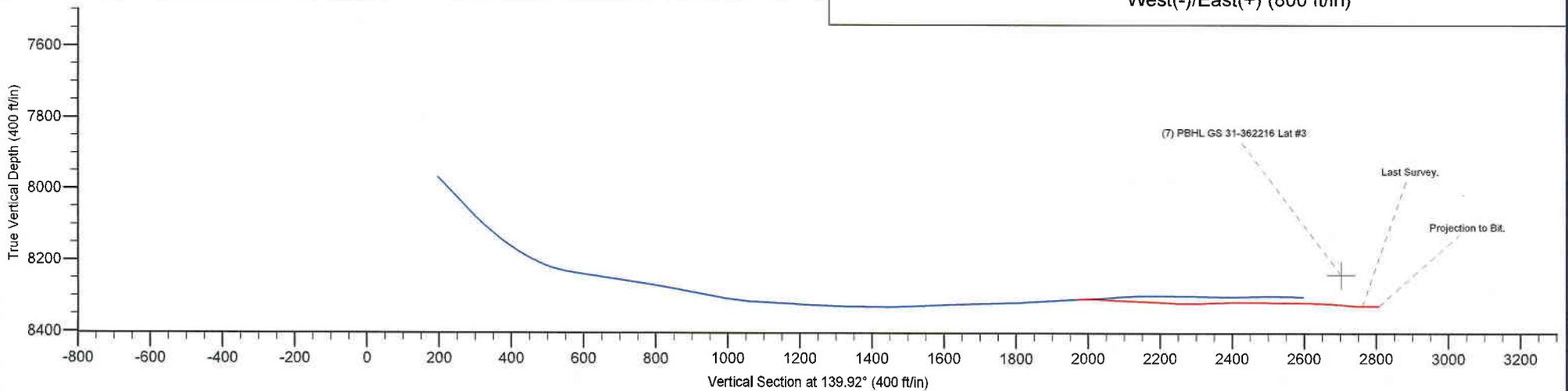
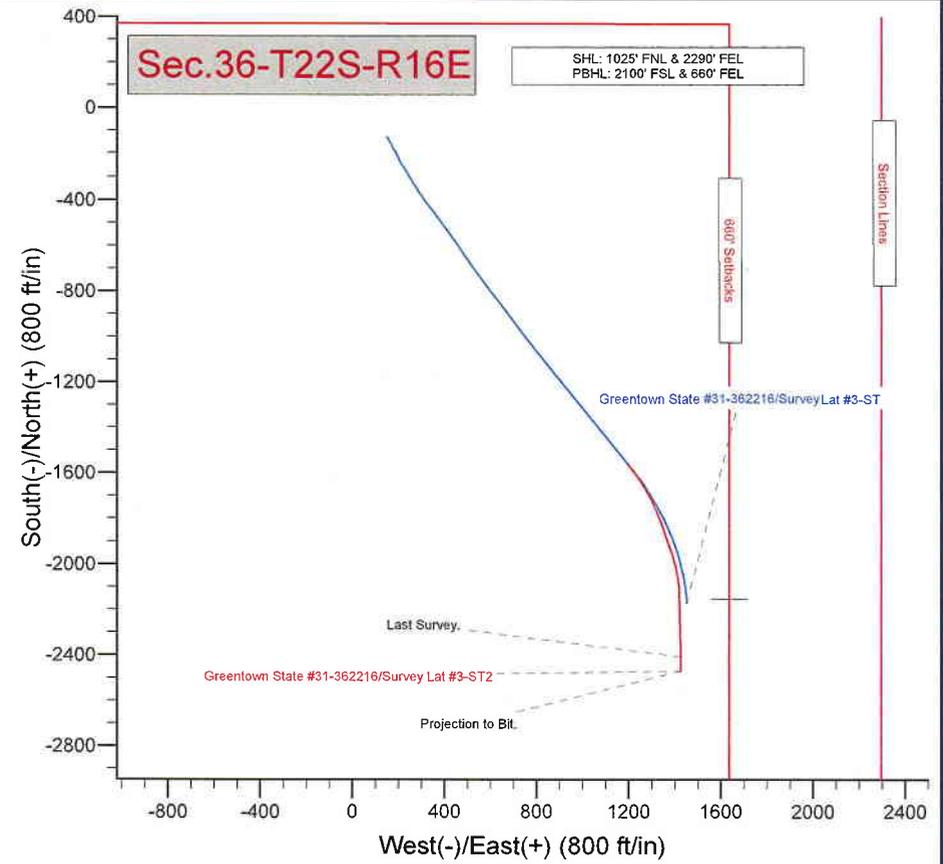
**WELLBORE TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Shape
(7) PBHL GS 31-362216 Lat #3	8240.6	-2154.0	1637.0	Point
Possible PBHL GS 31-362216 Lat#3-ST2	8340.4	-3574.5	1534.5	Point

**ANNOTATIONS**

TVD	MD	Annotation
8327.9	10798.0	Last Survey.
8327.7	10859.0	Projection to Bit.

Azimuths to True North  
 Magnetic North: 11.51°  
 Magnetic Field  
 Strength: 51942.8snT  
 Dip Angle: 64.68°  
 Date: 6/4/2008  
 Model: IGRF200510



**DIRECTIONAL SURVEY REPORT**

**DELTA PETROLEUM**

**GREENTOWN 31 – 362216 LAT 3 ST 2**

**GRAND COUNTY, UT**

**PREPARED BY: Matt Loucks**

**August 22, 2008**

**Attn:**

**RE:           Delta Petroleum  
              Greentown 31-362216 LAT 3 ST 2  
              Grand Co., UT  
RIG:         DHS 1  
FILENAME:  101007338-WY-WY**

**Dear Sir:**

**We hereby certify that the enclosed Original Field Survey Data contained in this report represents to the best of our knowledge, a true and accurate survey of the well at the time the survey was ran.**

**SURVEY DATA**

- 1 - Original survey report and plot**
- 2 - Survey report copies and plots**

**We appreciate the opportunity to work with you and we look forward to your business support. If you have any questions, I can be reached at (307) 265-3145.**

**Sincerely,**

**Matt Loucks  
MWD Coordinator  
PathFinder Energy Services**

**DIRECTIONAL SURVEY COMPANY REPORT:**

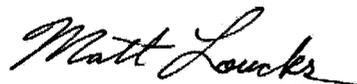
1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY:
  - A. Seth Linaman
  - B. Sam Antrim
3. POSITION OF SAID PERSON(S): (A) SURVEYOR FIELD ENGINEER(s).
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 06/20/2008 TO 06/22/2008
5. STATE IN WHICH SURVEY WAS PERFORMED: ONSHORE, UTAH
6. LOCATION OF WELL: UINTAH CO., UT
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

Delta Petroleum

Greentown 31 – 362216 LAT 3 ST 2

Grand Co., UT

RIG: DHS 1
9. SURVEY CERTIFIED FROM: 8052 TO 11,415 FEET MEASURED DEPTH.
10. THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE DISPLACED AT 3,347.36 FEET ON A BEARING OF 154.66 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT PROJECTED MEASURED DEPTH OF 11,415 FEET ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.



---

MATT LOUCKS  
MWD COORDINATOR

## PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
GREENTOWN STATE 32-362216 LAT3 ST2  
GRAND COUNTY, UTAH

Rig:DHS 1

PathFinder Office Supervisor: RICH ARNOLD

PathFinder Field Engineers: SETH LINAMAN

SAM ANTRIM

BEN LUCKEY

Survey Calculations by RX4 using Minimum Curvature

Survey Horiz. Reference:WELLHEAD  
Ref Coordinates: LAT:38.51.33.3550 N LON:110.6.22.3268 W  
GRID Reference:NAD83 utah central Lambert  
Ref GRID Coord: X: 2037327.9103 Y: 6756328.2479  
North Aligned To:TRUE NORTH  
Total Magnetic Correction:11.51° EAST TO TRUE  
Vertical Section Plane: 142.77  
Survey Vert. Reference: 23.00' Rotary Bushing To Ground  
Altitude:2412.00' Ground To MSL

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
TIE-IN TO SCIENTIFIC DRILLING GYRO SURVEY.										
7500.00	0.19	134.80	7499.58	0.00	-5.66	10.11 N	3.95 E	10.85@	21.34	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
7639.00	15.30	120.16	7636.91	139.00	11.60	0.68 N	20.06 E	20.08@	88.06	10.87
7671.00	18.47	119.72	7667.53	32.00	20.16	3.96 S	28.12 E	28.40@	98.01	9.91
7703.00	20.49	121.22	7697.70	32.00	30.04	9.37 S	37.31 E	38.47@	104.10	6.50
7735.00	22.42	125.08	7727.48	32.00	41.06	15.78 S	47.10 E	49.67@	108.53	7.47
7767.00	24.97	126.23	7756.78	32.00	53.35	23.28 S	57.54 E	62.07@	112.03	8.10
7799.00	27.87	127.35	7785.44	32.00	67.04	31.82 S	68.94 E	75.92@	114.77	9.19
7831.00	29.72	129.80	7813.48	32.00	81.98	41.43 S	80.98 E	90.96@	117.10	6.86
7863.00	30.51	132.92	7841.16	32.00	97.72	52.04 S	93.02 E	106.59@	119.23	5.48
7895.00	32.27	137.77	7868.48	32.00	114.23	63.90 S	104.71 E	122.67@	121.39	9.62
7927.00	35.79	142.61	7895.00	32.00	132.11	77.67 S	116.14 E	139.72@	123.77	13.87
7959.00	39.31	146.29	7920.37	32.00	151.59	93.54 S	127.46 E	158.10@	126.28	13.04
7991.00	41.94	148.98	7944.66	32.00	172.35	111.14 S	138.60 E	177.65@	128.73	9.87
8023.00	44.14	149.89	7968.04	32.00	194.04	129.95 S	149.70 E	198.23@	130.96	7.14
8052.00	43.97	151.56	7988.89	29.00	214.01	147.54 S	159.56 E	217.31@	132.76	4.05
SIDETRACK #1 DEPARTS LAT #3 AT 8087' MD.										
8084.00	43.97	151.96	8011.92	32.00	235.95	167.11 S	170.07 E	238.43@	134.50	0.87
8116.00	43.88	152.39	8034.97	32.00	257.85	186.74 S	180.43 E	259.67@	135.98	0.97
8148.00	43.70	152.63	8058.07	32.00	279.68	206.39 S	190.65 E	280.97@	137.27	0.76
8179.00	45.55	151.19	8080.13	31.00	301.17	225.59 S	200.91 E	302.09@	138.31	6.80
8211.00	47.84	149.19	8102.08	32.00	324.26	245.79 S	212.49 E	324.91@	139.16	8.48
8243.00	50.12	147.61	8123.08	32.00	348.29	266.35 S	225.15 E	348.76@	139.79	8.04
8274.00	52.58	147.92	8142.44	31.00	372.40	286.83 S	238.06 E	372.75@	140.31	7.97
8306.00	55.13	147.88	8161.31	32.00	398.14	308.71 S	251.79 E	398.37@	140.80	7.97
8338.00	58.21	148.15	8178.89	32.00	424.76	331.39 S	265.95 E	424.91@	141.25	9.65

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 32-362216 LAT3 ST2  
 GRAND COUNTY, UTAH  
 RIG:DHS 1

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
8370.00	61.82	146.82	8194.88	32.00	452.38	354.76 S	280.85 E	452.47@	141.63	11.84
8402.00	65.95	145.44	8208.97	32.00	481.06	378.60 S	296.86 E	481.11@	141.90	13.47
8434.00	71.84	143.60	8220.48	32.00	510.88	402.90 S	314.19 E	510.92@	142.05	19.17
8466.00	77.21	143.52	8229.02	32.00	541.71	427.70 S	332.50 E	541.74@	142.14	16.78
8498.00	80.99	143.38	8235.07	32.00	573.12	452.94 S	351.21 E	573.15@	142.21	11.82
8530.00	81.34	143.42	8239.98	32.00	604.74	478.32 S	370.06 E	604.76@	142.27	1.10
8562.00	81.34	144.03	8244.80	32.00	636.37	503.82 S	388.78 E	636.39@	142.34	1.88
8594.00	81.43	144.57	8249.60	32.00	668.00	529.52 S	407.24 E	668.01@	142.44	1.69
8626.00	81.34	144.95	8254.39	32.00	699.62	555.36 S	425.50 E	699.62@	142.54	1.21
8658.00	81.16	144.96	8259.26	32.00	731.22	581.25 S	443.66 E	731.22@	142.65	0.56
8690.00	80.90	145.05	8264.25	32.00	762.81	607.15 S	461.79 E	762.81@	142.74	0.86
8722.00	80.46	145.84	8269.43	32.00	794.35	633.15 S	479.70 E	794.35@	142.85	2.80
8754.00	80.46	145.33	8274.73	32.00	825.87	659.19 S	497.53 E	825.87@	142.96	1.57
8786.00	79.49	145.54	8280.30	32.00	857.35	685.13 S	515.41 E	857.36@	143.05	3.10
8818.00	79.23	144.72	8286.21	32.00	888.77	710.94 S	533.39 E	888.78@	143.12	2.65
8850.00	79.14	144.75	8292.22	32.00	920.18	736.60 S	551.54 E	920.20@	143.18	0.30
8882.00	79.14	144.87	8298.24	32.00	951.59	762.28 S	569.65 E	951.62@	143.23	0.37
8914.00	79.32	142.99	8304.22	32.00	983.02	787.69 S	588.16 E	983.05@	143.25	5.80
8946.00	81.69	141.57	8309.50	32.00	1014.57	812.65 S	607.47 E	1014.61@	143.22	8.60
8978.00	84.15	141.40	8313.45	32.00	1046.32	837.50 S	627.24 E	1046.34@	143.17	7.71
9010.00	86.44	143.06	8316.07	32.00	1078.21	862.71 S	646.77 E	1078.23@	143.14	8.83
9042.00	86.88	143.39	8317.94	32.00	1110.15	888.30 S	665.90 E	1110.17@	143.14	1.72
9074.00	86.79	143.21	8319.70	32.00	1142.10	913.91 S	684.99 E	1142.13@	143.15	0.63
9106.00	86.44	143.50	8321.59	32.00	1174.04	939.54 S	704.06 E	1174.07@	143.15	1.42
9138.00	86.26	143.22	8323.63	32.00	1205.98	965.17 S	723.12 E	1206.01@	143.16	1.04
9170.00	87.49	142.38	8325.37	32.00	1237.93	990.62 S	742.43 E	1237.96@	143.15	4.65
9202.00	87.58	142.64	8326.75	32.00	1269.90	1015.99 S	761.89 E	1269.92@	143.13	0.86
9233.00	87.49	142.43	8328.08	31.00	1300.87	1040.57 S	780.73 E	1300.89@	143.12	0.74
9265.00	88.37	141.57	8329.24	32.00	1332.85	1065.77 S	800.42 E	1332.87@	143.09	3.84

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 32-362216 LAT3 ST2  
 GRAND COUNTY, UTAH  
 RIG:DHS 1

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
9297.00	89.34	141.87	8329.88	32.00	1364.83	1090.88 S	820.24 E	1364.85@	143.06	3.17
9329.00	89.60	142.12	8330.18	32.00	1396.83	1116.10 S	839.94 E	1396.84@	143.04	1.13
9361.00	89.60	141.31	8330.40	32.00	1428.82	1141.21 S	859.77 E	1428.83@	143.01	2.53
9393.00	90.92	141.17	8330.25	32.00	1460.81	1166.17 S	879.80 E	1460.82@	142.97	4.15
9425.00	91.54	141.30	8329.57	32.00	1492.79	1191.11 S	899.83 E	1492.80@	142.93	1.98
9457.00	92.77	140.96	8328.36	32.00	1524.75	1216.01 S	919.90 E	1524.76@	142.89	3.99
9489.00	92.77	141.59	8326.82	32.00	1556.71	1240.94 S	939.89 E	1556.71@	142.86	1.97
9521.00	92.86	141.81	8325.24	32.00	1588.66	1266.03 S	959.70 E	1588.66@	142.84	0.74
9553.00	92.07	141.66	8323.87	32.00	1620.63	1291.13 S	979.50 E	1620.63@	142.81	2.51
9585.00	91.63	141.67	8322.84	32.00	1652.60	1316.21 S	999.34 E	1652.60@	142.79	1.38
9617.00	91.45	141.43	8321.98	32.00	1684.58	1341.27 S	1019.23 E	1684.58@	142.77	0.94
9649.00	91.10	141.35	8321.26	32.00	1716.57	1366.27 S	1039.19 E	1716.57@	142.74	1.12
9681.00	91.63	140.81	8320.50	32.00	1748.54	1391.15 S	1059.29 E	1748.55@	142.71	2.36
9713.00	91.80	141.26	8319.54	32.00	1780.52	1416.02 S	1079.41 E	1780.52@	142.68	1.50
9745.00	92.95	140.62	8318.22	32.00	1812.47	1440.85 S	1099.55 E	1812.47@	142.65	4.11
9777.00	93.47	141.03	8316.43	32.00	1844.40	1465.62 S	1119.74 E	1844.41@	142.62	2.07
9809.00	93.65	140.89	8314.44	32.00	1876.32	1490.42 S	1139.85 E	1876.33@	142.59	0.71
9841.00	92.95	141.38	8312.60	32.00	1908.26	1515.30 S	1159.90 E	1908.27@	142.57	2.67
9873.00	92.77	141.69	8311.00	32.00	1940.21	1540.32 S	1179.78 E	1940.22@	142.55	1.12
9904.00	92.68	141.96	8309.53	31.00	1971.17	1564.67 S	1198.92 E	1971.19@	142.54	0.92
SIDETRACK #2 DEPARTS SIDETRACK #1 AT 9934' MD										
9936.00	90.48	142.62	8308.64	32.00	2003.16	1589.97 S	1218.48 E	2003.17@	142.54	7.18
9968.00	86.61	145.74	8309.46	32.00	2035.13	1615.90 S	1237.20 E	2035.14@	142.56	15.53
10000.00	86.70	148.00	8311.32	32.00	2066.99	1642.65 S	1254.66 E	2066.99@	142.63	7.06
10032.00	87.49	149.62	8312.95	32.00	2098.77	1669.99 S	1271.21 E	2098.77@	142.72	5.63
10064.00	88.20	150.95	8314.15	32.00	2130.47	1697.76 S	1287.06 E	2130.47@	142.83	4.71
10096.00	87.49	153.70	8315.35	32.00	2162.00	1726.08 S	1301.91 E	2162.01@	142.97	8.87
10128.00	86.88	157.31	8316.93	32.00	2193.17	1755.16 S	1315.16 E	2193.22@	143.16	11.43
10160.00	86.53	158.40	8318.76	32.00	2224.02	1784.75 S	1327.20 E	2224.14@	143.36	3.57

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 32-362216 LAT3 ST2  
 GRAND COUNTY, UTAH  
 RIG:DHS 1

Page 04/05

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
10192.00	87.93	159.49	8320.31	32.00	2254.71	1814.57 S	1338.68 E	2254.94@	143.58	5.54
10224.00	90.48	159.94	8320.75	32.00	2285.32	1844.58 S	1349.77 E	2285.69@	143.81	8.09
10256.00	91.71	160.92	8320.14	32.00	2315.80	1874.73 S	1360.49 E	2316.36@	144.03	4.91
10288.00	91.98	161.31	8319.11	32.00	2346.16	1904.99 S	1370.84 E	2346.96@	144.26	1.48
10319.00	91.63	161.29	8318.14	31.00	2375.54	1934.34 S	1380.78 E	2376.60@	144.48	1.13
10351.00	90.92	163.02	8317.42	32.00	2405.72	1964.79 S	1390.58 E	2407.10@	144.71	5.84
10383.00	90.31	165.72	8317.08	32.00	2435.46	1995.60 S	1399.20 E	2437.25@	144.96	8.65
10416.00	89.52	168.53	8317.13	33.00	2465.52	2027.77 S	1406.55 E	2467.84@	145.25	8.85
10448.00	88.81	170.40	8317.60	32.00	2494.11	2059.23 S	1412.40 E	2497.06@	145.55	6.25
10480.00	89.52	173.44	8318.06	32.00	2522.05	2090.90 S	1416.90 E	2525.76@	145.88	9.76
10512.00	90.04	178.35	8318.19	32.00	2548.84	2122.81 S	1419.19 E	2553.51@	146.24	15.43
10543.00	89.78	179.20	8318.23	31.00	2573.92	2153.80 S	1419.85 E	2579.70@	146.61	2.87
10575.00	89.25	178.11	8318.51	32.00	2599.84	2185.79 S	1420.60 E	2606.87@	146.98	3.79
10607.00	88.81	179.39	8319.05	32.00	2625.73	2217.78 S	1421.30 E	2634.13@	147.35	4.23
10639.00	88.29	177.98	8319.86	32.00	2651.64	2249.76 S	1422.03 E	2661.50@	147.70	4.69
10671.00	88.02	178.76	8320.89	32.00	2677.65	2281.73 S	1422.94 E	2689.06@	148.05	2.58
10703.00	86.70	178.60	8322.36	32.00	2703.54	2313.69 S	1423.68 E	2716.62@	148.39	4.15
10734.00	85.30	178.43	8324.52	31.00	2728.63	2344.60 S	1424.48 E	2743.41@	148.72	4.55
10766.00	86.61	178.22	8326.78	32.00	2754.60	2376.50 S	1425.41 E	2771.21@	149.04	4.15
10798.00	89.52	180.15	8327.86	32.00	2780.34	2408.48 S	1425.87 E	2798.91@	149.37	10.91
10830.00	90.92	179.52	8327.74	32.00	2805.87	2440.48 S	1425.96 E	2826.53@	149.70	4.80
10861.00	89.43	179.28	8327.64	31.00	2830.75	2471.47 S	1426.29 E	2853.50@	150.01	4.87
10893.00	89.16	179.60	8328.04	32.00	2856.41	2503.47 S	1426.60 E	2881.41@	150.32	1.31
10925.00	88.90	179.44	8328.58	32.00	2882.05	2535.46 S	1426.87 E	2909.39@	150.63	0.95
10957.00	89.34	180.01	8329.07	32.00	2907.62	2567.46 S	1427.02 E	2937.39@	150.93	2.25
10989.00	89.34	180.21	8329.44	32.00	2933.06	2599.46 S	1426.96 E	2965.37@	151.24	0.63
11021.00	87.85	179.51	8330.22	32.00	2958.57	2631.45 S	1427.04 E	2993.48@	151.53	5.14
11053.00	87.49	178.73	8331.52	32.00	2984.32	2663.42 S	1427.53 E	3021.86@	151.81	2.68
11085.00	87.49	178.72	8332.93	32.00	3010.20	2695.38 S	1428.24 E	3050.40@	152.08	0.03

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 32-362216 LAT3 ST2  
 GRAND COUNTY, UTAH  
 RIG:DHS 1

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
11117.00	87.49	178.64	8334.33	32.00	3036.10	2727.34 S	1428.98 E	3079.02@	152.35	0.25
11149.00	88.72	178.73	8335.39	32.00	3062.00	2759.31 S	1429.71 E	3107.71@	152.61	3.85
11181.00	89.34	180.01	8335.93	32.00	3087.68	2791.30 S	1430.06 E	3136.31@	152.87	4.44
11213.00	89.34	179.21	8336.30	32.00	3113.29	2823.30 S	1430.28 E	3164.92@	153.13	2.50
11245.00	89.60	178.39	8336.59	32.00	3139.17	2855.29 S	1430.95 E	3193.79@	153.38	2.69
11277.00	89.52	178.47	8336.84	32.00	3165.17	2887.28 S	1431.83 E	3222.81@	153.62	0.35
11309.00	90.92	178.81	8336.72	32.00	3191.10	2919.27 S	1432.59 E	3251.84@	153.86	4.50
11341.00	92.42	180.05	8335.78	32.00	3216.76	2951.25 S	1432.90 E	3280.72@	154.10	6.08
STRAIGHT LINE PROJECTION TO BIT AT 11415' MD.										
11415.00	92.42	180.05	8332.66	74.00	3275.59	3025.19 S	1432.84 E	3347.36@	154.66	0.00

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

*Tight Hole Status*  
**CONFIDENTIAL**

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER Horizontal leg #4

2. NAME OF OPERATOR: **Delta Petroleum Corporation**

3. ADDRESS OF OPERATOR: **370 17th Street, #4300 CITY Denver STATE CO ZIP 80202** PHONE NUMBER: **(303) 293-9133**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **1,025' FNL & 2,290' FEL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW: **N/A**  
AT TOTAL DEPTH: **1,224' FSL & 857' FEL**

5. LEASE DESIGNATION AND SERIAL NUMBER: **ML-50325**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: **NA**

7. UNIT or CA AGREEMENT NAME: **NA**

8. WELL NAME and NUMBER: **Greentown State 31-362216H**

9. API NUMBER: **4301931569**

10. FIELD AND POOL, OR WILDCAT: **Wildcat**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWNE 36 22S 16E**

12. COUNTY: **Grand** 13. STATE: **UTAH**

14. DATE SPUDDED: **7/2/2008** 15. DATE T.D. REACHED: **7/21/2008** 16. DATE COMPLETED: **8/3/2008** ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): **4,212'- GR**

18. TOTAL DEPTH: MD **11,414** TVD **8,333** 19. PLUG BACK T.D.: MD **7,012** TVD **7,012** 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* \_\_\_\_\_

21. DEPTH BRIDGE MD \_\_\_\_\_ PLUG SET: TVD \_\_\_\_\_

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) \_\_\_\_\_

23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

*Reviewed by HSM*

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
5-7/8"	4.5" 3.5"	15.1# 9.3#	7,012	11,359		None			
	P110 EUE								

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A								

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) N/A				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: Wellbore Diagram

30. WELL STATUS: **T&A**

**RECEIVED**

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Entrada	85
				Carmel	337
				Navajo	484
				Kaventa	894
				Wingate	989
				Chinle	1,358
				Shinarump	1,608
				White Rim	2,637
				Cutler	2,945
				Paradox Salt	5,537

35. ADDITIONAL REMARKS (Include plugging procedure)

A Dry Hole Tree was installed.  
 7" x 5" Liner Hanger, Baker HMC hyd set w/ ZXP Liner Top Packer & 10' PBR w/ top @ 7,012'  
 A storm packer was set @ 95' in vertical wellbore on 8/3/2008

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer  
 SIGNATURE *Richard Bonham* DATE 08/06/09

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

Tight Hole Status

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

AMENDED REPORT [ ] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [x] DRY [ ] OTHER [ ]
b. TYPE OF WORK: NEW WELL [x] HORIZ. LATS. [ ] DEEP-EN [ ] RE-ENTRY [ ] DIFF. RESVR. [ ] OTHER T&A vertical
2. NAME OF OPERATOR: Delta Petroleum Corporation
3. ADDRESS OF OPERATOR: 370 17th Street, #4300 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 293-9133
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1,025' FNL & 2,290' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: N/A AT TOTAL DEPTH: Same as surface
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
7. UNIT OR CA AGREEMENT NAME: NA
8. WELL NAME and NUMBER: Greentown State 31-362216H
9. API NUMBER: 4301931569
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E
12. COUNTY: Grand 13. STATE: UTAH

14. DATE SPURRED: 1/25/2008 15. DATE T.D. REACHED: 4/12/2008 16. DATE COMPLETED: 8/3/2008 ABANDONED [x] READY TO PRODUCE [ ]
17. ELEVATIONS (DF, RKB, RT, GL): 4,212'- GR
18. TOTAL DEPTH: MD 9,210 TVD 9,210 19. PLUG BACK T.D.: MD 8,700 TVD 8,700 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE PLUG SET: MD 8,700 TVD 8,700

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Radial Analysis Bond log, Neutron/Density/Induction(4 runs), CBL
23. WAS WELL CORED? NO [x] YES [ ] (Submit analysis) WAS DST RUN? NO [x] YES [ ] (Submit report) DIRECTIONAL SURVEY? NO [x] YES [ ] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well) Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP \*\*, AMOUNT PULLED

25. TUBING RECORD Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

26. PRODUCING INTERVALS Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD)
27. PERFORATION RECORD Table with columns: INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS: [ ] ELECTRICAL/MECHANICAL LOGS [ ] GEOLOGIC REPORT [ ] DST REPORT [ ] DIRECTIONAL SURVEY [ ] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [ ] CORE ANALYSIS [x] OTHER: Wellbore Diagram
30. WELL STATUS: T&A

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Entrada	85
				Carmel	337
				Navajo	484
				Kaventa	894
				Wingate	989
				Chinle	1,358
				Shinarump	1,608
				White Rim	2,637
				Cutler	2,945
				Paradox Salt	5,537

35. ADDITIONAL REMARKS (Include plugging procedure)

CIBP @ 8700' (cemented w/ 60 sks of Glass G cmt, 15.5 ppg slurry)  
 \*TOC calculations- 9-5/8" (per cbl 3/6/08) w/ 200 sx top out job on top & 7" csg (per cbl 4/12/08)  
**Storm packer @ 95'**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer  
 SIGNATURE *Richard Bonham* DATE 08/06/09

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-50325</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: <b>N/A</b>
2. NAME OF OPERATOR: <b>Delta Petroleum Corporation</b>			8. WELL NAME and NUMBER: <b>Greentown State 31-362216H</b>
3. ADDRESS OF OPERATOR: 370 17th St. Suite 4300 CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		PHONE NUMBER: <b>(303) 293-9133</b>	10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1,025' FNL &amp; 2,290' FEL</b>			COUNTY: <b>Grand</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNE 36 22S 16E</b>			STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Pit closure</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**Tight Hole Status**

Delta Petroleum Corp. closed the pit for the Greentown State 31-362216H on 5/12/2009.

Pit was closed by Earthworks, Inc. of Riverton, Wyoming using solidification technology methods. (See attached Daily Activity Report)

Start Date: 5/6/09

End Date: 5/12/09

Please see attached "Pit Closure Report and Composite Sample Test Results" from Earthworks.

NAME (PLEASE PRINT) <u>Richard Bonham</u>	TITLE <u>Completions Engineer</u>
SIGNATURE <u>Richard Bonham</u>	DATE <u>08/14/09</u>

(This space for State use only)

**RECEIVED**

**AUG 19 2009**

# Daily Activity Report

## Delta Petroleum Corp.

Location: Greentown State 31-~~36H~~<sup>362216H</sup>

### May 06-09      Wednesday

- 6:30 AM: Travel from Green River to field location.
- 7:45 AM: Arrive at location, meet trucks & track hoe, warm up equipment, have safety meeting.
- 8:00 AM: Start unloading reagent.
- 9:00 AM: Start mixing.
- 4:00 PM: Done mixing for the day, grease & fuel equipment.
- 4:30 PM: Off location, travel from location to Green River.

### May 07-09      Thursday

- 6:00 AM: Travel from Green River to field location.
- 7:30 AM: Arrive at location, meet trucks & track hoe, warm up equipment, have safety meeting.
- 8:00 AM: Start unloading reagent, start mixing.
- 5:00 PM: Done mixing for the day.
- 5:15 PM: Grease & fuel equipment.
- 5:30 PM: Off location, travel from location Green River.

### May 08-09      Friday

- 6:15 AM: Travel from Green River to field location.

**Earthworks, Inc.**  
Pre-Testing Results

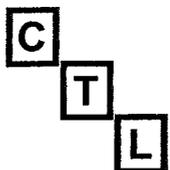
**Operator** Delta Petroleum Corp.

**Well** Greentown State 31-36H<sup>2216H</sup>

**TPH** 6% **Water** 42% **Solids** 52%

All above values are arrived at using a baroid retort distillation unit and represent percentage of volume of sample tested.

Tested by Ken Hostetter



# CONTI TESTING LABORATORIES, INC.

P.O. BOX 174 - BETHEL PARK, PA 15102

(412) 833-7766, Fax (412) 854-0373

contilab@verizon.net

Earthworks

8/10/2009

1 Hutchinson Rd

Riverton , WY 82501

Attn: Ken Hostetter

Office: 307-856-4699/307-857-4260

Fax: 307-857-6683

Email: earthworks@wyoming.com

Received: 08/03/09

Sampled By: client

CTL ID: 130001

## RESULTS

Sample ID: Greentown state 31-36<sup>22164</sup>H (Utah)

	<u>mg/l</u>	<u>Method</u>	<u>DL (mg/l)</u>
Total Dissolved Solids	3,030	EPA 160.1	10
Total Petroleum Hydrocarbon	<1.0	EPA 1664	1.0

Ref: Wy Leachate

Approved By: J.G. Otraba

**CONFIDENTIAL**

LEASE DESIGNATION AND SERIAL NUMBER:  
M 50325

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
2. NAME OF OPERATOR: Delta Petroleum Corporation		7. UNIT or CA AGREEMENT NAME: NA
3. ADDRESS OF OPERATOR: 370 17th Street, Suite 4300 CITY Denver STATE CO ZIP 80202		8. WELL NAME and NUMBER: Greentown State #31-362216H
PHONE NUMBER: (303) 293-9133		9. API NUMBER: 4301931569
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,025' FNL & 2,290' FEL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E		COUNTY: Grand
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Request for T&amp;A Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**Tight Hole Status**

Delta Petroleum Corporation requests an extension for temporarily abandoned status for the Greentown State #31-362216H well until August 8, 2010. Delta is requesting the extension to allow additional time to evaluate the potential future utility of the wellbore.

The well was temporarily abandoned by placing a storm packer @ 95' in the 7" production casing, effectively isolating any oil, gas, or water encountered by the wellbore.

COPY SENT TO OPERATOR

Date: 11.12.2009

Initials: KS

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer  
SIGNATURE Richard Bonham DATE 10/5/2009

**RECEIVED**

OCT 08 2009

DIV. OF OIL, GAS & MINING

(This space for State use only)

**REQUEST DENIED**  
Utah Division of  
Oil, Gas and Mining

Date: 11/4/09  
By: D. Stewart (See Instructions on Reverse Side)

\* See requirements at RB49-3-36

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-62216 LAT#3 ST#1  
 GRAND COUNTY, UTAH  
 Rig:DHS 1  
 PathFinder Office Supervisor: RICH ARNOLD  
 PathFinder Field Engineers: SETH LINAMAN  
 SAM ANTRIM  
 BEN LUCKEY

Survey Horiz. Reference:WELLHEAD  
 Ref Coordinates: LAT:38.51.33.3550 N LON:110.6.22.3268 W  
 GRID Reference:NAD83 utah central Lambert  
 Ref GRID Coord: X: 2037327.9103 Y: 6756328.2479  
 North Aligned To:TRUE NORTH  
 Total Magnetic Correction:11.51° EAST TO TRUE  
 Vertical Section Plane: 142.77  
 Survey Vert. Reference: 22.00' Rotary Bushing To Ground  
 Altitude:2412.00' Ground To MSL

Survey Calculations by PathCalc v1.97j using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
TIE-IN TO SCIENTIFIC DRILLING GYRO SURVEY.										
7500.00	0.19	134.80	7499.58	0.00	-5.66	10.11 N	3.95 E	10.85@	21.34	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
7639.00	15.30	120.16	7636.91	139.00	11.60	0.68 N	20.06 E	20.08@	88.06	10.88
7671.00	18.47	119.72	7667.53	32.00	20.16	3.96 S	28.12 E	28.40@	98.01	9.91
7703.00	20.49	121.22	7697.70	32.00	30.04	9.37 S	37.31 E	38.47@	104.10	6.50
7735.00	22.42	125.08	7727.48	32.00	41.06	15.78 S	47.10 E	49.67@	108.53	7.47
7767.00	24.97	126.23	7756.78	32.00	53.35	23.28 S	57.54 E	62.07@	112.03	8.10
7799.00	27.87	127.35	7785.44	32.00	67.04	31.82 S	68.94 E	75.92@	114.77	9.19
7831.00	29.72	129.80	7813.48	32.00	81.98	41.43 S	80.98 E	90.96@	117.10	6.86
7863.00	30.51	132.92	7841.16	32.00	97.72	52.04 S	93.02 E	106.59@	119.23	5.48
7895.00	32.27	137.77	7868.48	32.00	114.23	63.90 S	104.71 E	122.67@	121.39	9.62
7927.00	35.79	142.61	7895.00	32.00	132.11	77.67 S	116.14 E	139.72@	123.77	13.87
7959.00	39.31	146.29	7920.37	32.00	151.59	93.54 S	127.46 E	158.10@	126.28	13.04
7991.00	41.94	148.98	7944.66	32.00	172.35	111.14 S	138.60 E	177.65@	128.73	9.87
8023.00	44.14	149.89	7968.04	32.00	194.04	129.95 S	149.70 E	198.23@	130.96	7.14
8052.00	43.97	151.56	7988.89	29.00	214.01	147.54 S	159.56 E	217.31@	132.76	4.05
SIDETRACK #1 DEPARTS LAT #3 AT 8087' MD.										
8084.00	43.97	151.96	8011.92	32.00	235.95	167.11 S	170.07 E	238.43@	134.50	0.87
8116.00	43.88	152.39	8034.97	32.00	257.85	186.74 S	180.43 E	259.67@	135.98	0.97
8148.00	43.70	152.63	8058.07	32.00	279.68	206.39 S	190.65 E	280.97@	137.27	0.77
8179.00	45.55	151.19	8080.13	31.00	301.17	225.59 S	200.91 E	302.09@	138.31	6.80
8211.00	47.84	149.19	8102.08	32.00	324.26	245.79 S	212.49 E	324.91@	139.16	8.48
8243.00	50.12	147.61	8123.08	32.00	348.29	266.35 S	225.15 E	348.76@	139.79	8.04
8274.00	52.58	147.92	8142.44	31.00	372.40	286.83 S	238.06 E	372.75@	140.31	7.97
8306.00	55.13	147.88	8161.31	32.00	398.14	308.71 S	251.79 E	398.37@	140.80	7.97
8338.00	58.21	148.15	8178.89	32.00	424.76	331.39 S	265.95 E	424.91@	141.25	9.65

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DIV. OF OIL, GAS & MINING

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-62216 LAT#3 ST#1  
 GRAND COUNTY, UTAH  
 RIG:DHS 1

Page 02/04

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
8370.00	61.82	146.82	8194.88	32.00	452.38	354.76 S	280.85 E	452.47@	141.63	11.84
8402.00	65.95	145.44	8208.97	32.00	481.06	378.60 S	296.86 E	481.11@	141.90	13.47
8434.00	71.84	143.60	8220.48	32.00	510.88	402.90 S	314.19 E	510.92@	142.05	19.17
8466.00	77.21	143.52	8229.02	32.00	541.71	427.70 S	332.50 E	541.74@	142.14	16.78
8498.00	80.99	143.38	8235.07	32.00	573.12	452.94 S	351.21 E	573.15@	142.21	11.82
8530.00	81.34	143.42	8239.98	32.00	604.74	478.32 S	370.06 E	604.76@	142.27	1.10
8562.00	81.34	144.03	8244.80	32.00	636.37	503.82 S	388.78 E	636.39@	142.34	1.88
8594.00	81.43	144.57	8249.60	32.00	668.00	529.52 S	407.24 E	668.01@	142.44	1.69
8626.00	81.34	144.95	8254.39	32.00	699.62	555.36 S	425.50 E	699.62@	142.54	1.21
8658.00	81.16	144.96	8259.26	32.00	731.22	581.25 S	443.66 E	731.22@	142.65	0.56
8690.00	80.90	145.05	8264.25	32.00	762.81	607.15 S	461.79 E	762.81@	142.74	0.86
8722.00	80.46	145.84	8269.43	32.00	794.35	633.15 S	479.70 E	794.35@	142.85	2.80
8754.00	80.46	145.33	8274.73	32.00	825.87	659.19 S	497.53 E	825.87@	142.96	1.57
8786.00	79.49	145.54	8280.30	32.00	857.35	685.13 S	515.41 E	857.36@	143.05	3.10
8818.00	79.23	144.72	8286.21	32.00	888.77	710.94 S	533.39 E	888.78@	143.12	2.65
8850.00	79.14	144.75	8292.22	32.00	920.18	736.60 S	551.54 E	920.20@	143.18	0.30
8882.00	79.14	144.87	8298.24	32.00	951.59	762.28 S	569.65 E	951.62@	143.23	0.37
8914.00	79.32	142.99	8304.22	32.00	983.02	787.69 S	588.16 E	983.05@	143.25	5.80
8946.00	81.69	141.57	8309.50	32.00	1014.57	812.65 S	607.47 E	1014.61@	143.22	8.60
8978.00	84.15	141.40	8313.45	32.00	1046.32	837.50 S	627.24 E	1046.34@	143.17	7.71
9010.00	86.44	143.06	8316.07	32.00	1078.21	862.71 S	646.77 E	1078.23@	143.14	8.83
9042.00	86.88	143.39	8317.94	32.00	1110.15	888.30 S	665.90 E	1110.17@	143.14	1.72
9074.00	86.79	143.21	8319.70	32.00	1142.10	913.91 S	684.99 E	1142.13@	143.15	0.63
9106.00	86.44	143.50	8321.59	32.00	1174.04	939.54 S	704.06 E	1174.07@	143.15	1.42
9138.00	86.26	143.22	8323.63	32.00	1205.98	965.17 S	723.12 E	1206.01@	143.16	1.04
9170.00	87.49	142.38	8325.37	32.00	1237.93	990.62 S	742.43 E	1237.96@	143.15	4.65
9202.00	87.58	142.64	8326.75	32.00	1269.90	1015.99 S	761.89 E	1269.92@	143.13	0.86
9233.00	87.49	142.43	8328.08	31.00	1300.87	1040.57 S	780.73 E	1300.89@	143.12	0.74
9265.00	88.37	141.57	8329.24	32.00	1332.85	1065.77 S	800.42 E	1332.87@	143.09	3.84

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-62216 LAT#3 ST#1  
 GRAND COUNTY, UTAH  
 RIG:DHS 1

Page 03/04

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
9297.00	89.34	141.87	8329.88	32.00	1364.83	1090.88 S	820.24 E	1364.85@	143.06	3.17
9329.00	89.60	142.12	8330.18	32.00	1396.83	1116.10 S	839.94 E	1396.84@	143.04	1.13
9361.00	89.60	141.31	8330.40	32.00	1428.82	1141.21 S	859.77 E	1428.83@	143.01	2.53
9393.00	90.92	141.17	8330.25	32.00	1460.81	1166.17 S	879.80 E	1460.82@	142.97	4.15
9425.00	91.54	141.30	8329.57	32.00	1492.79	1191.11 S	899.83 E	1492.80@	142.93	1.98
9457.00	92.77	140.96	8328.36	32.00	1524.75	1216.01 S	919.90 E	1524.76@	142.89	3.99
9489.00	92.77	141.59	8326.82	32.00	1556.71	1240.94 S	939.89 E	1556.71@	142.86	1.97
9521.00	92.86	141.81	8325.25	32.00	1588.66	1266.03 S	959.70 E	1588.66@	142.84	0.74
9553.00	92.07	141.66	8323.87	32.00	1620.63	1291.13 S	979.50 E	1620.63@	142.81	2.51
9585.00	91.63	141.67	8322.84	32.00	1652.60	1316.21 S	999.34 E	1652.60@	142.79	1.38
9617.00	91.45	141.43	8321.98	32.00	1684.58	1341.27 S	1019.23 E	1684.58@	142.77	0.94
9649.00	91.10	141.35	8321.26	32.00	1716.57	1366.27 S	1039.19 E	1716.57@	142.74	1.12
9681.00	91.63	140.81	8320.50	32.00	1748.54	1391.15 S	1059.29 E	1748.55@	142.71	2.36
9713.00	91.80	141.26	8319.54	32.00	1780.52	1416.02 S	1079.41 E	1780.52@	142.68	1.50
9745.00	92.95	140.62	8318.22	32.00	1812.47	1440.85 S	1099.55 E	1812.47@	142.65	4.11
9777.00	93.47	141.03	8316.43	32.00	1844.40	1465.62 S	1119.74 E	1844.41@	142.62	2.07
9809.00	93.65	140.89	8314.44	32.00	1876.32	1490.42 S	1139.85 E	1876.33@	142.59	0.71
9841.00	92.95	141.38	8312.60	32.00	1908.26	1515.30 S	1159.90 E	1908.27@	142.57	2.67
9873.00	92.77	141.69	8311.00	32.00	1940.21	1540.32 S	1179.78 E	1940.22@	142.55	1.12
9904.00	92.68	141.96	8309.53	31.00	1971.17	1564.67 S	1198.92 E	1971.19@	142.54	0.92
9936.00	92.59	142.12	8308.06	32.00	2003.13	1589.87 S	1218.58 E	2003.15@	142.53	0.57
9969.00	93.39	143.12	8306.33	33.00	2036.09	1616.06 S	1238.59 E	2036.11@	142.53	3.88
10001.00	94.70	145.08	8304.08	32.00	2068.00	1641.91 S	1257.30 E	2068.01@	142.56	7.35
10033.00	93.30	147.34	8301.84	32.00	2099.86	1668.44 S	1275.05 E	2099.87@	142.61	8.29
10065.00	92.15	148.52	8300.32	32.00	2131.69	1695.52 S	1292.02 E	2131.70@	142.69	5.15
10097.00	90.57	150.43	8299.56	32.00	2163.46	1723.08 S	1308.27 E	2163.46@	142.79	7.74
10129.00	89.78	151.40	8299.47	32.00	2195.14	1751.04 S	1323.83 E	2195.15@	142.91	3.91
10161.00	89.43	152.28	8299.69	32.00	2226.74	1779.25 S	1338.93 E	2226.76@	143.04	2.96
10193.00	89.25	154.14	8300.05	32.00	2258.21	1807.82 S	1353.35 E	2258.26@	143.18	5.84

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 GREENTOWN STATE 31-62216 LAT#3 ST#1  
 GRAND COUNTY, UTAH  
 RIG:DHS 1

Page 04/04

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
10225.00	88.72	156.02	8300.62	32.00	2289.46	1836.83 S	1366.83 E	2289.58@	143.35	6.10
10257.00	88.90	157.63	8301.29	32.00	2320.50	1866.24 S	1379.42 E	2320.70@	143.53	5.06
10289.00	88.81	158.91	8301.93	32.00	2351.33	1895.96 S	1391.27 E	2351.66@	143.73	4.01
10321.00	89.69	159.99	8302.34	32.00	2381.98	1925.92 S	1402.50 E	2382.47@	143.94	4.35
10353.00	90.92	164.41	8302.17	32.00	2412.15	1956.38 S	1412.28 E	2412.87@	144.18	14.34
10385.00	90.92	165.23	8301.66	32.00	2441.80	1987.26 S	1420.65 E	2442.84@	144.44	2.56
10417.00	91.19	166.53	8301.07	32.00	2471.23	2018.29 S	1428.46 E	2472.65@	144.71	4.15
10448.00	90.31	167.96	8300.67	31.00	2499.44	2048.52 S	1435.30 E	2501.30@	144.98	5.42
10480.00	89.43	169.92	8300.74	32.00	2528.16	2079.92 S	1441.44 E	2530.58@	145.28	6.71
10512.00	89.34	172.61	8301.08	32.00	2556.28	2111.55 S	1446.30 E	2559.38@	145.59	8.41
10544.00	89.60	174.27	8301.38	32.00	2583.80	2143.33 S	1449.96 E	2587.71@	145.92	5.25
STRAIGHT LINE PROJECTION TO BIT										
10605.00	89.60	174.27	8301.80	61.00	2635.81	2204.03 S	1456.05 E	2641.55@	146.55	0.00

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
GREENTOWN STATE 31-362216

Rig:DHS 1  
PathFinder Office Supervisor: RICH ARNOLD  
PathFinder Field Engineers: SETH LINAMAN  
AARON FOREHAND

Survey Horiz. Reference:WELLHEAD  
Ref Coordinates: LAT:38.51.33.3550 N LON:110.6.22.3268 W  
GRID Reference:NAD83 utah central Lambert  
Ref GRID Coord: X: 2037327.9103 Y: 6756328.2479  
North Aligned To:TRUE NORTH  
Total Magnetic Correction:11.53° EAST TO TRUE  
Vertical Section Plane: 139.92  
Survey Vert. Reference: 23.00' Rotary Bushing To Ground  
Altitude:2412.00' Ground To MSL

Survey Calculations by PathCalc v1.97j using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
<b>THE FOLLOWING ARE SCIENTIFIC DRILLING GYRO SURVEYS</b>										
100.00	0.44	84.93	100.01	100.00	0.00	0.49 S	0.92 W	1.04@	241.86	0.00
200.00	0.89	84.93	200.01	100.00	0.45	0.39 S	0.24 E	0.46@	148.63	0.45
300.00	1.33	84.93	299.99	100.00	1.56	0.22 S	2.17 E	2.18@	95.74	0.44
400.00	1.05	73.96	399.96	100.00	2.60	0.14 N	4.20 E	4.21@	88.12	0.36
500.00	1.24	23.40	499.95	100.00	2.49	1.38 N	5.51 E	5.68@	75.91	0.99
600.00	1.50	2.37	599.92	100.00	1.04	3.68 N	6.00 E	7.04@	58.43	0.56
700.00	1.98	359.01	699.87	100.00	-1.26	6.72 N	6.02 E	9.02@	41.86	0.49
800.00	1.95	356.53	799.81	100.00	-3.97	10.15 N	5.89 E	11.73@	30.13	0.09
900.00	1.11	353.45	899.78	100.00	-6.14	12.81 N	5.68 E	14.01@	23.90	0.84
1000.00	0.63	346.44	999.77	100.00	-7.44	14.30 N	5.44 E	15.30@	20.81	0.49
1100.00	0.56	342.31	1099.76	100.00	-8.39	15.30 N	5.16 E	16.15@	18.63	0.08
1200.00	0.55	330.96	1199.76	100.00	-9.31	16.19 N	4.78 E	16.88@	16.44	0.11
1300.00	0.57	323.86	1299.75	100.00	-10.28	17.01 N	4.25 E	17.53@	14.03	0.07
1400.00	0.42	309.79	1399.75	100.00	-11.13	17.65 N	3.68 E	18.02@	11.77	0.19
1500.00	0.37	294.89	1499.74	100.00	-11.79	18.02 N	3.10 E	18.28@	9.77	0.11
1600.00	0.51	271.15	1599.74	100.00	-12.37	18.16 N	2.36 E	18.31@	7.42	0.23
1700.00	0.53	266.47	1699.74	100.00	-12.94	18.14 N	1.46 E	18.20@	4.59	0.05
1800.00	0.81	271.35	1799.73	100.00	-13.69	18.13 N	0.29 E	18.13@	0.91	0.29
1900.00	0.77	270.59	1899.72	100.00	-14.59	18.15 N	1.09 W	18.19@	356.56	0.04
2000.00	0.79	271.00	1999.71	100.00	-15.48	18.17 N	2.45 W	18.34@	352.32	0.02
2100.00	0.60	263.41	2099.70	100.00	-16.22	18.12 N	3.66 W	18.49@	348.58	0.21
2200.00	0.51	255.49	2199.70	100.00	-16.71	17.95 N	4.61 W	18.54@	345.59	0.12
2300.00	0.55	246.33	2299.70	100.00	-17.03	17.65 N	5.48 W	18.48@	342.74	0.09
2400.00	0.53	233.87	2399.69	100.00	-17.20	17.18 N	6.29 W	18.30@	339.88	0.12
2500.00	0.57	222.04	2499.69	100.00	-17.16	16.54 N	7.00 W	17.96@	337.06	0.12
2600.00	0.55	208.27	2599.68	100.00	-16.92	15.75 N	7.56 W	17.47@	334.35	0.14

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**DEC 02 2009**

**DIV. OF OIL, GAS & MINING**

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
GREENTOWN STATE 31-362216

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RIG:DHS 1

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
2700.00	0.59	191.22	2699.68	100.00	-16.42	14.82 N	7.89 W	16.79@	331.97	0.17
2800.00	0.60	195.91	2799.67	100.00	-15.81	13.81 N	8.13 W	16.03@	329.51	0.05
2900.00	0.33	191.82	2899.67	100.00	-15.33	13.03 N	8.34 W	15.47@	327.39	0.27
3000.00	0.23	241.70	2999.67	100.00	-15.20	12.65 N	8.57 W	15.28@	325.88	0.25
3100.00	0.26	245.77	3099.67	100.00	-15.30	12.46 N	8.96 W	15.35@	324.30	0.03
3200.00	0.26	282.13	3199.67	100.00	-15.54	12.42 N	9.38 W	15.56@	322.92	0.16
3300.00	0.18	296.56	3299.66	100.00	-15.87	12.53 N	9.75 W	15.88@	322.13	0.10
3400.00	0.13	357.83	3399.66	100.00	-16.10	12.72 N	9.89 W	16.11@	322.13	0.16
3500.00	0.13	27.85	3499.66	100.00	-16.23	12.93 N	9.84 W	16.25@	322.72	0.07
3600.00	0.15	53.48	3599.66	100.00	-16.27	13.11 N	9.68 W	16.30@	323.55	0.07
3700.00	0.14	71.59	3699.66	100.00	-16.21	13.23 N	9.46 W	16.26@	324.42	0.05
3800.00	0.14	89.24	3799.66	100.00	-16.09	13.27 N	9.22 W	16.16@	325.19	0.04
3900.00	0.90	66.57	3899.66	100.00	-15.79	13.58 N	8.38 W	15.96@	328.32	0.77
4000.00	0.14	65.11	3999.65	100.00	-15.53	13.94 N	7.55 W	15.86@	331.56	0.76
4100.00	0.17	50.15	4099.65	100.00	-15.50	14.09 N	7.33 W	15.88@	332.53	0.05
4200.00	0.28	59.63	4199.65	100.00	-15.46	14.31 N	7.00 W	15.93@	333.93	0.12
4300.00	0.38	71.07	4299.65	100.00	-15.30	14.54 N	6.48 W	15.92@	335.99	0.12
4400.00	0.47	81.05	4399.65	100.00	-14.96	14.71 N	5.76 W	15.80@	338.63	0.12
4500.00	0.50	79.68	4499.64	100.00	-14.53	14.85 N	4.92 W	15.65@	341.66	0.03
4600.00	0.70	91.14	4599.64	100.00	-13.92	14.92 N	3.88 W	15.42@	345.41	0.23
4700.00	0.71	101.30	4699.63	100.00	-13.03	14.79 N	2.67 W	15.02@	349.78	0.13
4800.00	0.77	105.97	4799.62	100.00	-11.99	14.48 N	1.41 W	14.55@	354.43	0.09
4900.00	0.65	106.76	4899.62	100.00	-10.96	14.13 N	0.22 W	14.13@	359.10	0.12
5000.00	0.63	109.80	4999.61	100.00	-10.01	13.78 N	0.84 E	13.81@	3.48	0.04
5100.00	0.58	108.71	5099.60	100.00	-9.10	13.43 N	1.83 E	13.56@	7.78	0.05
5200.00	0.58	107.94	5199.60	100.00	-8.23	13.11 N	2.80 E	13.41@	12.03	0.01
5300.00	0.61	120.20	5299.59	100.00	-7.30	12.69 N	3.74 E	13.23@	16.41	0.13
5400.00	0.56	113.88	5399.59	100.00	-6.36	12.23 N	4.64 E	13.08@	20.80	0.08
5500.00	0.08	313.78	5499.59	100.00	-5.99	12.08 N	5.04 E	13.09@	22.66	0.64

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
GREENTOWN STATE 31-362216

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RIG:DHS 1

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	Closure Dist (ft)	Dir (deg)	DLS (dg/100ft)	
5600.00	0.07	265.57	5599.59	100.00	-6.10	12.12 N 4.93 E	13.08@	22.13	0.06	
5700.00	0.10	240.74	5699.59	100.00	-6.15	12.07 N 4.79 E	12.99@	21.65	0.05	
5800.00	0.07	72.31	5799.59	100.00	-6.14	12.05 N 4.77 E	12.96@	21.62	0.17	
5900.00	0.07	88.99	5899.59	100.00	-6.08	12.07 N 4.89 E	13.02@	22.07	0.02	
6000.00	0.04	52.27	5999.59	100.00	-6.04	12.09 N 4.98 E	13.08@	22.40	0.04	
6100.00	0.13	250.54	6099.59	100.00	-6.08	12.07 N 4.90 E	13.03@	22.10	0.17	
6200.00	0.17	240.38	6199.59	100.00	-6.15	11.96 N 4.67 E	12.84@	21.31	0.05	
6300.00	0.24	158.33	6299.59	100.00	-5.98	11.69 N 4.62 E	12.57@	21.54	0.27	
6400.00	0.20	187.73	6399.58	100.00	-5.66	11.33 N 4.67 E	12.25@	22.40	0.12	
6500.00	0.15	173.54	6499.58	100.00	-5.43	11.02 N 4.66 E	11.97@	22.92	0.07	
6600.00	0.07	249.49	6599.58	100.00	-5.35	10.87 N 4.62 E	11.81@	23.01	0.15	
6700.00	0.15	217.42	6699.58	100.00	-5.34	10.75 N 4.48 E	11.64@	22.63	0.10	
6800.00	0.05	275.79	6799.58	100.00	-5.34	10.65 N 4.36 E	11.50@	22.26	0.13	
6900.00	0.13	282.59	6899.58	100.00	-5.46	10.68 N 4.20 E	11.47@	21.49	0.08	
7000.00	0.12	245.41	6999.58	100.00	-5.58	10.66 N 4.00 E	11.38@	20.56	0.08	
7100.00	0.04	25.07	7099.58	100.00	-5.62	10.65 N 3.92 E	11.34@	20.20	0.15	
7200.00	0.08	218.87	7199.58	100.00	-5.62	10.62 N 3.89 E	11.31@	20.11	0.12	
7300.00	0.05	279.32	7299.58	100.00	-5.64	10.58 N 3.80 E	11.24@	19.77	0.07	
7400.00	0.21	168.80	7399.58	100.00	-5.52	10.40 N 3.79 E	11.07@	20.04	0.23	
7500.00	0.19	134.80	7499.58	100.00	-5.19	10.11 N 3.95 E	10.85@	21.34	0.12	
7600.00	0.09	45.89	7599.58	100.00	-5.03	10.04 N 4.12 E	10.86@	22.31	0.21	
7700.00	0.07	228.39	7699.58	100.00	-5.04	10.06 N 4.13 E	10.87@	22.33	0.16	
7800.00	0.28	265.82	7799.58	100.00	-5.18	10.00 N 3.84 E	10.71@	21.02	0.23	
7900.00	0.41	120.83	7899.58	100.00	-4.98	9.80 N 3.91 E	10.55@	21.74	0.66	
8000.00	0.32	209.39	7999.58	100.00	-4.55	9.37 N 4.08 E	10.22@	23.51	0.51	
8100.00	0.67	242.12	8099.58	100.00	-4.57	8.86 N 3.42 E	9.49@	21.13	0.44	
8200.00	0.45	206.77	8199.57	100.00	-4.54	8.23 N 2.73 E	8.67@	18.34	0.40	
** TIE-IN TO SCIENTIFIC DRILLING GYRO SURVEY.										
8300.00	0.13	207.41	8299.57	100.00	-4.34	7.78 N 2.50 E	8.17@	17.81	0.32	
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
8467.00	9.32	341.56	8465.84	167.00	-16.87	20.47 N 1.87 W	20.55@	354.77	5.64	
8499.00	16.00	342.70	8497.05	32.00	-23.35	27.14 N 4.01 W	27.44@	351.60	20.89	
8528.00	21.46	347.89	8524.50	29.00	-31.73	36.16 N 6.31 W	36.70@	350.10	19.67	

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
GREENTOWN STATE 31-362216

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RIG:DHS 1

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
8559.00	28.58	0.46	8552.59	31.00	-42.39	49.14 N	7.44 W	49.70@	351.39	28.55
8592.00	35.88	8.28	8580.50	33.00	-54.84	66.63 N	5.99 W	66.90@	354.87	25.44
8623.00	42.82	16.45	8604.48	31.00	-66.71	85.76 N	1.69 W	85.78@	358.87	27.90
8655.00	47.48	23.57	8627.05	32.00	-77.95	107.03 N	6.12 E	107.20@	3.27	21.45
8687.00	52.58	29.20	8647.61	32.00	-87.69	128.95 N	17.05 E	130.08@	7.53	20.87
8719.00	56.10	34.47	8666.27	32.00	-95.73	151.01 N	30.77 E	154.12@	11.52	17.32
8751.00	63.31	35.96	8682.41	32.00	-102.73	173.56 N	46.71 E	179.74@	15.06	22.89
8783.00	71.40	37.46	8694.72	32.00	-109.46	197.21 N	64.35 E	207.45@	18.07	25.65
8815.00	81.34	38.95	8702.25	32.00	-115.76	221.61 N	83.57 E	236.85@	20.66	31.39
8848.00	90.04	42.47	8704.73	33.00	-121.01	246.52 N	105.01 E	267.96@	23.07	28.42
8879.00	89.25	52.40	8704.92	31.00	-122.36	267.47 N	127.81 E	296.44@	25.54	32.13
8911.00	88.64	60.05	8705.51	32.00	-118.85	285.24 N	154.39 E	324.34@	28.42	23.98
8943.00	94.44	65.06	8704.65	32.00	-111.86	299.97 N	182.76 E	351.26@	31.35	23.94
8974.00	100.68	70.42	8700.57	31.00	-102.47	311.62 N	211.17 E	376.42@	34.12	26.43
9006.00	103.59	78.33	8693.83	32.00	-89.54	320.04 N	241.26 E	400.80@	37.01	25.82
9039.00	103.23	87.20	8686.17	33.00	-72.15	324.08 N	273.07 E	423.79@	40.12	26.17
9071.00	101.47	94.94	8679.31	32.00	-51.59	323.49 N	304.30 E	444.12@	43.25	24.26
9103.00	97.43	103.29	8674.05	32.00	-27.72	318.48 N	335.43 E	462.54@	46.48	28.66
9135.00	95.76	108.91	8670.37	32.00	-1.32	309.67 N	365.96 E	479.39@	49.76	18.21
9167.00	95.32	110.85	8667.28	32.00	26.25	298.84 N	395.91 E	496.03@	52.95	6.19
9198.00	94.97	112.69	8664.50	31.00	53.47	287.39 N	424.58 E	512.70@	55.91	6.02
9230.00	93.83	116.03	8662.05	32.00	82.25	274.23 N	453.64 E	530.09@	58.85	11.00
9262.00	90.75	117.17	8660.77	32.00	111.61	259.91 N	482.23 E	547.81@	61.68	10.26
9293.00	88.37	119.72	8661.01	31.00	140.45	245.15 N	509.48 E	565.39@	64.30	11.25
9325.00	86.61	120.34	8662.41	32.00	170.52	229.15 N	537.15 E	583.99@	66.90	5.83
9357.00	86.26	119.64	8664.40	32.00	200.54	213.19 N	564.82 E	603.71@	69.32	2.44
9389.00	87.85	120.69	8666.04	32.00	230.62	197.13 N	592.44 E	624.38@	71.60	5.95
9421.00	89.43	122.54	8666.80	32.00	260.99	180.36 N	619.69 E	645.40@	73.77	7.60
9453.00	88.90	124.29	8667.27	32.00	291.66	162.74 N	646.39 E	666.56@	75.87	5.71

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
GREENTOWN STATE 31-362216

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RIG:DHS 1

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
9485.00	88.64	125.88	8667.95	32.00	322.59	144.35 N	672.57 E	687.89@	77.89	5.03
9517.00	88.81	127.11	8668.67	32.00	353.70	125.33 N	698.29 E	709.45@	79.83	3.88
9548.00	89.16	126.76	8669.21	31.00	383.91	106.70 N	723.06 E	730.90@	81.61	1.60
9580.00	88.99	128.78	8669.73	32.00	415.18	87.11 N	748.35 E	753.41@	83.36	6.33
9612.00	89.52	130.89	8670.15	32.00	446.69	66.61 N	772.92 E	775.79@	85.07	6.80
9644.00	89.60	133.96	8670.39	32.00	478.41	45.02 N	796.54 E	797.81@	86.76	9.60
9675.00	89.34	136.42	8670.68	31.00	509.30	23.03 N	818.39 E	818.71@	88.39	7.98
9707.00	89.43	139.24	8671.02	32.00	541.27	0.68 S	839.87 E	839.87@	90.05	8.82
9739.00	89.25	142.05	8671.39	32.00	573.26	25.42 S	860.15 E	860.53@	91.69	8.80
9771.00	88.72	143.37	8671.96	32.00	605.22	50.87 S	879.54 E	881.01@	93.31	4.44
9803.00	89.43	146.35	8672.48	32.00	637.09	77.03 S	897.95 E	901.25@	94.90	9.57
9834.00	86.79	147.50	8673.50	31.00	667.84	102.99 S	914.86 E	920.64@	96.42	9.29
9866.00	85.12	147.76	8675.76	32.00	699.47	129.95 S	931.95 E	940.96@	97.94	5.28
9898.00	84.50	147.85	8678.65	32.00	731.04	156.92 S	948.93 E	961.81@	99.39	1.96
9930.00	85.38	147.94	8681.47	32.00	762.61	183.92 S	965.87 E	983.22@	100.78	2.76
9962.00	88.46	147.94	8683.19	32.00	794.24	211.00 S	982.83 E	1005.22@	102.12	9.63
9993.00	93.30	150.31	8682.72	31.00	824.83	237.59 S	998.73 E	1026.60@	103.38	17.38
10025.00	91.71	147.59	8681.32	32.00	856.40	264.98 S	1015.22 E	1049.23@	104.63	9.84
10057.00	92.77	148.64	8680.07	32.00	888.05	292.13 S	1032.11 E	1072.65@	105.80	4.66
10089.00	92.95	149.78	8678.47	32.00	919.59	319.58 S	1048.47 E	1096.09@	106.95	3.60
10121.00	91.45	147.41	8677.24	32.00	951.20	346.87 S	1065.13 E	1120.19@	108.04	8.76
10140.00	90.40	147.76	8676.93	19.00	970.02	362.91 S	1075.31 E	1134.90@	108.65	5.83
STRAIGHT LINE PROJECTION TO BIT.										
10200.00	90.40	147.76	8676.52	60.00	1029.46	413.66 S	1107.32 E	1182.06@	110.48	0.00

\*\* The survey data at tie-in point was furnished by a recognized survey company and entered as submitted. Survey stations above the tie-in point represent recalculated data by PathFinder Energy Services, Inc. and may reflect minor changes due to rounding differences between survey programs. Only survey stations taken by qualified PathFinder personnel are subject to certification.

Tight Hole

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT [checked] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [checked] DRY [ ] OTHER [ ]
b. TYPE OF WORK: NEW WELL [checked] HORIZ. LATS. [ ] DEEP-EN [ ] RE-ENTRY [ ] DIFF. RESVR. [ ] OTHER [ ]

2. NAME OF OPERATOR: Delta Petroleum Corporation

3. ADDRESS OF OPERATOR: 370 17th Street, #4300 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 293-9133

4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1,025' FNL & 2,290' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: N/A AT TOTAL DEPTH: Same as surface

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT OR CA AGREEMENT NAME: NA

8. WELL NAME and NUMBER: Greentown State 31-362216H

9. API NUMBER: 4301931569

10 FIELD AND POOL, OR WILDCAT: Wildcat

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E

12. COUNTY: Grand 13. STATE: UTAH

14. DATE SPUNDED: 1/25/2008 15. DATE T.D. REACHED: 4/12/2008 16. DATE COMPLETED: 4/15/2008 ABANDONED [checked] READY TO PRODUCE [ ] 17. ELEVATIONS (DF, RKB, RT, GL): 4,212'- GR, 4,239' KB

18. TOTAL DEPTH: MD 9,210 TVD 9,210 19. PLUG BACK T.D.: MD 8,700 TVD 8,700 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE PLUG SET: MD 8,700 TVD 8,700

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Radial Analysis Bond log, Neutron/Density/Induction(3 runs), CBL 23. WAS WELL CORED? NO [checked] YES [ ] (Submit analysis) WAS DST RUN? NO [checked] YES [ ] (Submit report) DIRECTIONAL SURVEY? NO [checked] YES [ ] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

Table with 10 columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP \*\*, AMOUNT PULLED. Rows include 24", 17-1/2", 12-1/4", 8-1/2" casing sizes.

25. TUBING RECORD

Table with 9 columns: SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). All entries are N/A.

26. PRODUCING INTERVALS

Table with 5 columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD). Row (A) N/A.

27. PERFORATION RECORD

Table with 9 columns: INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS. Rows (A) through (D) with Open/Squeezed checkboxes.

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

Table with 2 columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL.

29. ENCLOSED ATTACHMENTS:

- [checked] ELECTRICAL/MECHANICAL LOGS [ ] GEOLOGIC REPORT [ ] DST REPORT [ ] DIRECTIONAL SURVEY [ ] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [ ] CORE ANALYSIS [checked] OTHER: Wellbore Diagram

30. WELL STATUS:

T&A

RECEIVED

DEC 03 2009

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
			34) cont.	Entrada	297
			Cutler	Carmel	820
			Elephant Canyon	Navaio	901
			Honaker Trail	Kaventa	1,364
			Paradox Salt	Winqate	1,466
			Pinkerton Trail	Chinle	1,905
			Leadville	Shinarump	2,165
				Moenkopi	2,220
				Sinbad	2,654
				White Rim	2,836
			*All tops measured depth from KB		

35. ADDITIONAL REMARKS (Include plugging procedure)

CIBP @ 8700' (cemented w/ 60 sks of Class G cmt, 15.5 ppg slurry)  
 \*TOC calculations- 9-5/8" csg (per cbl 3/6/08) w/ 200 sx top out job on top & 7" csg (per cbl 4/12/08)  
 Received approval to sidetrack well to drill Horizontal leg

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer  
 SIGNATURE *Richard Bonham* DATE 11/30/09

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

Tight Hole

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT  FORM 8  
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR  OTHER Horizontal Lea #1

2. NAME OF OPERATOR: Delta Petroleum Corporation

3. ADDRESS OF OPERATOR: 370 17th Street, #4300 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 293-9133

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 1,025' FNL & 2,290' FEL  
AT TOP PRODUCING INTERVAL REPORTED BELOW: N/A  
AT TOTAL DEPTH: Unknown (note in remarks)

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT or CA AGREEMENT NAME: NA

8. WELL NAME and NUMBER: Greentown State 31-362216H

9. API NUMBER: 4301931569

10 FIELD AND POOL, OR WILDCAT: Wildcat

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E

12. COUNTY: Grand 13. STATE: UTAH

14. DATE SPUDDED: 4/16/2008 15. DATE T.D. REACHED: 5/5/2008 16. DATE COMPLETED: 5/13/2008 ABANDONED  READY TO PRODUCE  17. ELEVATIONS (DF, RKB, RT, GL): 4,212'- GR, 4,239' KB

18. TOTAL DEPTH: MD 10,200 TVD 8,674 19. PLUG BACK T.D.: MD 8,322 TVD 8,322 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE PLUG SET: MD 8,322 TVD 8,322

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each): None run for horizontal leg  
23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
N/A									

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A								

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) N/A				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

- ELECTRICAL/MECHANICAL LOGS
- GEOLOGIC REPORT
- DST REPORT
- DIRECTIONAL SURVEY
- SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION
- CORE ANALYSIS
- OTHER: Wellbore Diagram

30. WELL STATUS:

P&A

RECEIVED

DEC 03 2009

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
			34) cont.	Entrada	297
			Cutler	Carmel	820
			Elephant Canyon	Navajo	901
			Honaker Trail	Kaventa	1,364
			Paradox Salt	Wingate	1,466
			Pinkerton Trail	Chinle	1,905
			Leadville	Shinarump	2,165
				Moenkopi	2,220
				Sinbad	2,654
				White Rim	2,836
			*All tops measured depth from KB		

35. ADDITIONAL REMARKS (Include plugging procedure)

This Cane Creek Horizontal leg collapsed and was abandoned. A directional survey was not run so the bottom hole location is unknown. CIBP set @ 8,322'

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer  
 SIGNATURE Richard Bonham DATE 11/30/09

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
 Fax: 801-359-3940

Tight Hole

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT [X] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [ ], GAS WELL [X], DRY [ ], OTHER [ ]
b. TYPE OF WORK: NEW WELL [ ], HORIZ. LATS. [X], DEEP-EN [ ], RE-ENTRY [X], DIFF. RESVR. [ ], OTHER Horizontal leg #2
2. NAME OF OPERATOR: Delta Petroleum Corporation
3. ADDRESS OF OPERATOR: 370 17th Street, #4300 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 293-9133
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1,025' FNL & 2,290' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: N/A AT TOTAL DEPTH: 1,830' FSL & 725' FEL
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
7. UNIT OR CA AGREEMENT NAME: NA
8. WELL NAME and NUMBER: Greentown State 31-362216H
9. API NUMBER: 4301931569
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E
12. COUNTY: Grand 13. STATE: UTAH

14. DATE SPURRED: 5/14/2008 15. DATE T.D. REACHED: 6/3/2008 16. DATE COMPLETED: 6/15/2008 ABANDONED [X] READY TO PRODUCE [ ]
17. ELEVATIONS (DF, RKB, RT, GL): 4,212'- GR, 4,239' KB
18. TOTAL DEPTH: MD 11,475 TVD 8,628 19. PLUG BACK T.D.: MD 7,553 TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE MD 7,553 PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) None run for horizontal leg
23. WAS WELL CORED? NO [X] YES [ ] (Submit analysis) WAS DST RUN? NO [X] YES [ ] (Submit report) DIRECTIONAL SURVEY? NO [ ] YES [X] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)
Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP \*\*, AMOUNT PULLED
Row 1: 5-7/8", 3-1/2" P110, 14.3#, 8,149, 11,475, Elasti 115, 26, 8149, None

25. TUBING RECORD
Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)
Row 1: N/A, ,

26. PRODUCING INTERVALS
Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD)
Row 1: (A) N/A, , , ,
27. PERFORATION RECORD
Table with columns: INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS
Row 1: , , , Open [ ] Squeezed [ ]

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.
Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS: [ ] ELECTRICAL/MECHANICAL LOGS [ ] GEOLOGIC REPORT [ ] DST REPORT [X] DIRECTIONAL SURVEY [ ] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [ ] CORE ANALYSIS [X] OTHER: Wellbore Diagram
30. WELL STATUS: P&A

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DEC 03 2009

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
			34) cont.	Entrada	297
			Cutler	Carmel	820
			Elephant Canyon	Navaio	901
			Honaker Trail	Kaventa	1,364
			Paradox Salt	Winqate	1,466
			Pinkerton Trail	Chinle	1,905
			Leadville	Shinarump	2,165
				Moenkopi	2,220
				Sinbad	2,654
				White Rim	2,836
			*All tops measured depth from KB		

35. ADDITIONAL REMARKS (Include plugging procedure)

CIBP @ 8,059' (8 sks of cement, yield 1.99) Estimated TOC @ 7970' & CIBP @ 7,553'

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer  
 SIGNATURE *Richard Bonham* DATE 11/30/09

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
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 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

Tight Hole

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT [checked] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
7. UNIT or CA AGREEMENT NAME: NA
8. WELL NAME and NUMBER: Greentown State 31-362216H
9. API NUMBER: 4301931569
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E
12. COUNTY: Grand 13. STATE: UTAH

14. DATE SPURRED: 6/16/2008 15. DATE T.D. REACHED: 6/23/2008 16. DATE COMPLETED: 7/1/2008
17. ELEVATIONS (DF, RKB, RT, GL): 4,212'- GR, 4,239' KB
18. TOTAL DEPTH: MD 8,498 TVD
19. PLUG BACK T.D.: MD 7,896 TVD
20. IF MULTIPLE COMPLETIONS, HOW MANY? \*
21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
None run for horizontal leg
23. WAS WELL CORED? NO [checked] YES [ ] (Submit analysis)
WAS DST RUN? NO [checked] YES [ ] (Submit report)
DIRECTIONAL SURVEY? NO [checked] YES [ ] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)
Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP \*\*, AMOUNT PULLED

25. TUBING RECORD
Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD)

26. PRODUCING INTERVALS 27. PERFORATION RECORD
Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD), INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.
Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:
[ ] ELECTRICAL/MECHANICAL LOGS [ ] GEOLOGIC REPORT [ ] DST REPORT [ ] DIRECTIONAL SURVEY
[ ] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [ ] CORE ANALYSIS [checked] OTHER: Wellbore Diagram
30. WELL STATUS: P&A

RECEIVED
DEC 03 2009

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
			34) cont.	Entrada	297
			Cutler	Carmel	820
			Elephant Canyon	Navajo	901
			Honaker Trail	Kaventa	1,364
			Paradox Salt	Wingate	1,466
			Pinkerton Trail	Chinle	1,905
			Leadville	Shinarump	2,165
				Moenkopi	2,220
				Sinbad	2,654
				White Rim	2,836
			*All tops measured depth from KB		

35. ADDITIONAL REMARKS (Include plugging procedure)

Cement plug w/ 100 sks of 17# type G cement w/ 18% salt and .2% HR 5 from 8498' - 7896' (TOC @ 7896')  
Left bit and motor in hole @ 8498', Tag fish top @ 8,493'

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer  
SIGNATURE Richard Bonham DATE 11/30/09

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

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Tight Hole

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT  FORM 8  
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER Horizontal leg #4

2. NAME OF OPERATOR: Delta Petroleum Corporation

3. ADDRESS OF OPERATOR: 370 17th Street, #4300 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 293-9133

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 1,025' FNL & 2,290' FEL  
AT TOP PRODUCING INTERVAL REPORTED BELOW: N/A  
AT TOTAL DEPTH: 1,224' FSL & 857' FEL

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT or CA AGREEMENT NAME: NA

8. WELL NAME and NUMBER: Greentown State 31-362216H

9. API NUMBER: 4301931569

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 36 22S 16E

12. COUNTY: Grand 13. STATE: UTAH

14. DATE SPUNNED: 7/2/2008 15. DATE T.D. REACHED: 7/21/2008 16. DATE COMPLETED: 8/3/2008 ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): 4,212'- GR, 4,239' KB

18. TOTAL DEPTH: MD 11,414 TVD 8,333 19. PLUG BACK T.D.: MD 7,012 TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) 23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
5-7/8"	4.5" 3.5"	15.1# 9.3#	7,012	11,359		None			
	P110 EUE								

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A								

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) N/A								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

- ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: Wellbore Diagram

30. WELL STATUS:

T&A

RECEIVED

DEC 03 2009

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
			34) cont.	Entrada	297
			Cutler	Carmel	820
			Elephant Canyon	Navaio	901
			Honaker Trail	Kaventa	1,364
			Paradox Salt	Winqate	1,466
			Pinkerton Trail	Chinle	1,905
			Leadville	Shinarump	2,165
				Moenkopi	2,220
				Sinbad	2,654
				White Rim	2,836
			*All tops measured depth from KB		

35. ADDITIONAL REMARKS (Include plugging procedure)

A Dry Hole Tree was installed.  
 7" x 5" Liner Hanger, Baker HMC hyd set w/ ZXP Liner Top Packer & 10' PBR w/ top @ 7,012'  
 A storm packer was set @ 95' in vertical wellbore on 8/3/2008

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer  
 SIGNATURE *Richard Bonham* DATE 11/30/09

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

Tight Hole

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT [checked] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [ ], GAS WELL [checked], DRY [ ], OTHER [ ]
b. TYPE OF WORK: NEW WELL [checked], HORIZ. LATS. [ ], DEEP-EN [ ], RE-ENTRY [ ], DIFF. RESVR. [ ], OTHER T&A vertical

2. NAME OF OPERATOR: Delta Petroleum Corporation

3. ADDRESS OF OPERATOR: 370 17th Street, #4300 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 293-9133

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1,025' FNL & 2,290' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: N/A
AT TOTAL DEPTH: Same as surface

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT OR CA AGREEMENT NAME: NA

8. WELL NAME and NUMBER: Greentown State 31-362216H

9. API NUMBER: 4301931569

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E

12. COUNTY: Grand 13. STATE: UTAH

14. DATE SPUNDED: 1/25/2008 15. DATE T.D. REACHED: 4/12/2008 16. DATE COMPLETED: 8/3/2008 ABANDONED [checked] READY TO PRODUCE [ ]

17. ELEVATIONS (DF, RKB, RT, GL): 4,212'- GR, 4,239' KB

18. TOTAL DEPTH: MD 9,210 TVD 9,210 19. PLUG BACK T.D.: MD 8,700 TVD 8,700

20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE PLUG SET: MD 8,700 TVD 8,700

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Radial Analysis Bond log, Neutron/Density/Induction(3 runs), CBL

23. WAS WELL CORED? NO [ ] YES [checked] (Submit analysis)
WAS DST RUN? NO [checked] YES [ ] (Submit report)
DIRECTIONAL SURVEY? NO [checked] YES [ ] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

Table with 10 columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP \*\*, AMOUNT PULLED. Rows include 24", 17-1/2", 12-1/4", 12-1/4", 8-1/2" hole sizes.

25. TUBING RECORD

Table with 9 columns: SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Row 1: 95.

26. PRODUCING INTERVALS

Table with 5 columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD). Row 1: (A) N/A.

27. PERFORATION RECORD

Table with 4 columns: INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS. Rows (A) through (D) show Open/Squeezed status.

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

Table with 2 columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL.

29. ENCLOSED ATTACHMENTS:

- ELECTRICAL/MECHANICAL LOGS [ ] GEOLOGIC REPORT [ ] DST REPORT [ ] DIRECTIONAL SURVEY [ ]
SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [ ] CORE ANALYSIS [ ] OTHER: Wellbore Diagram

30. WELL STATUS:

T&A

RECEIVED
DEC 03 2009

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
			34) cont.	Entrada	297
			Cutler	Carmel	820
			Elephant Canyon	Navaio	901
			Honaker Trail	Kaventa	1,364
			Paradox Salt	Wingate	1,466
			Pinkerton Trail	Chinle	1,905
			Leadville	Shinarump	2,165
			*All tops measured depth from KB	Moenkopi	2,220
				Sinbad	2,654
				White Rim	2,836

35. ADDITIONAL REMARKS (Include plugging procedure)

CIBP @ 8700' (cemented w/ 60 sks of Glass G cmt, 15.5 ppg slurry)  
 \*TOC calculations- 9-5/8" (per cbl 3/6/08) w/ 200 sx top out job on top & 7" csg (per cbl 4/12/08)  
 Storm packer @ 95'

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer  
 SIGNATURE *Richard Bonham* DATE 11/30/09

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

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 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

Tight Hole

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

AMENDED REPORT   
(highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER  Horizontal leg #3

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-50325

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT or CA AGREEMENT NAME  
NA

8. WELL NAME and NUMBER:  
Greentown State 31-362216H

2. NAME OF OPERATOR:  
Delta Petroleum Corporation

9. API NUMBER:  
4301931569

3. ADDRESS OF OPERATOR:  
370 17th Street, #4300 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:  
(303) 575-0376

10. FIELD AND POOL, OR WILDCAT  
Wildcat

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 1,025' FNL & 2,290' FEL  
AT TOP PRODUCING INTERVAL REPORTED BELOW: N/A  
AT TOTAL DEPTH: 1,498' FNL & 1,908' FEL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
NWNE 36 22S 16E

12. COUNTY: Grand 13. STATE: UTAH

14. DATE SPURRED: 6/16/2008 15. DATE T.D. REACHED: 6/23/2008 16. DATE COMPLETED: 7/1/2008

ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
4,212'- GR

18. TOTAL DEPTH: MD 8,498 TVD 8,177

19. PLUG BACK T.D.: MD 7,896 TVD 7,896

20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
None run for horizontal leg

23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A								

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) N/A				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: Wellbore Diagram

30. WELL STATUS:  
P&A

RECEIVED

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
			34. cont.-	Entrada	297
			Cutler 3229'	Carmel	820
			Elephant Canyon 3355'	Navaio	901
			Honaker Trail 4244'	Kaventa	1,364
			Paradox Salt 5401'	Wingate	1,466
			Pinkerton Trail 8754'	Chinle	1,905
			Leadville 9018'	Shinarump	2,165
				Moenkopi	2,220
				Sinbad	2,654
				White Rim	2,836

35. ADDITIONAL REMARKS (Include plugging procedure)

Cement plug w/ 100 sks of 17# type G cement w/ 18% salt and .2% HR 5 from 8498' - 7896' (TOC @ 7896')  
Left bit and motor in hole @ 8498', Tag fish top @ 8,493'

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Linda Cool TITLE Sr. Regulatory Technician  
SIGNATURE *Linda Cool* DATE 12/30/09

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
1594 West North Temple, Suite 1210  
Box 145801 Fax: 801-359-3940  
Salt Lake City, Utah 84114-5801



Company: Delta  
 Field: Grand Co., UT  
 Location: Sec.36-T22S-R16E  
 Well: Greentown State #31-362216  
 Wellbore #1  
 Survey: Survey Lat #3 (Greentown State #31-362216/Wellbore #1)



**WELL DETAILS: Greentown State #31-362216**

		Ground Level: 4212.0					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot	
0.0	0.0	6756328.25	2037327.90	38° 51' 33.355 N	110° 6' 22.327 W		

**WELLBORE TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Shape
(7) PBHL GS 31-362216 Lat #3	8240.6	-2154.0	1637.0	Point
Possible PBHL GS 31-362216 Lat#3-ST2	8340.4	-3574.5	1534.5	Point

**ANNOTATIONS**

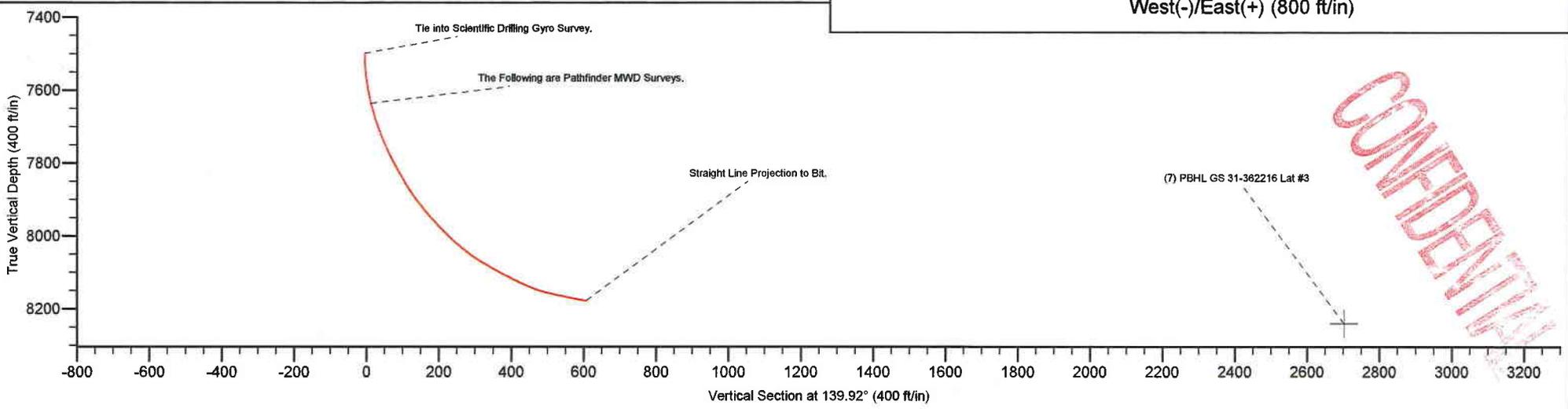
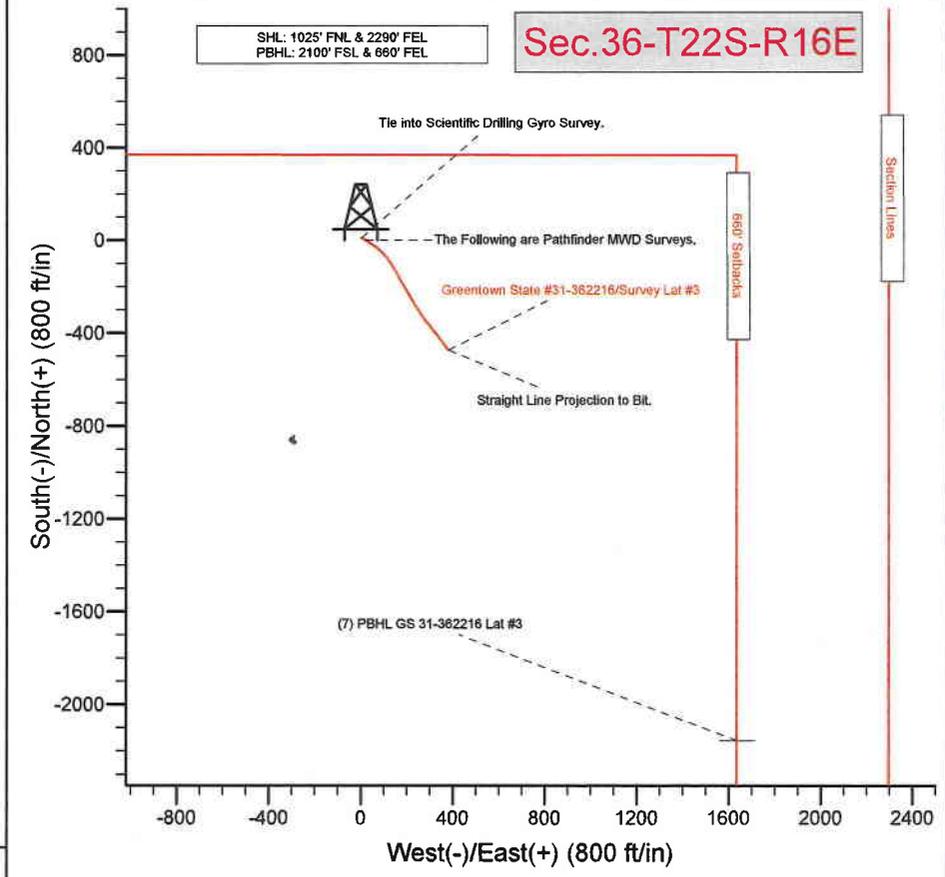
TVD	MD	Annotation
7499.6	7500.0	Tie into Scientific Drilling Gyro Survey.
7636.9	7639.0	The Following are Pathfinder MWD Surveys.
8176.9	8497.0	Straight Line Projection to Bit.

T  
M



**Azimuths to True North**  
 Magnetic North: 11.51°

**Magnetic Field**  
 Strength: 51942.8snT  
 Dip Angle: 64.88°  
 Date: 6/4/2008  
 Model: IGRF200510



# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
STATE 31362216  
GRAND COUNTY, UTAH  
Rig:DHS 1  
PathFinder Office Supervisor: RICH ARNOLD  
PathFinder Field Engineers: SETH LINAMAN  
SAM ANTRIM

Survey Horiz. Reference:WELLHEAD  
Ref Coordinates: LAT:38.51.33.3550 N LON:110.6.22.3268 W  
GRID Reference:NAD83 utah central Lambert  
Ref GRID Coord: X: 2037327.9103 Y: 6756328.2479  
North Aligned To:TRUE NORTH  
Total Magnetic Correction:11.51° EAST TO TRUE  
Vertical Section Plane: 142.77  
Survey Vert. Reference: 22.00' Rotary Bushing To Ground  
Altitude:4212.00' Ground To MSL

Survey Calculations by PathCalc v1.97j using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
TIE-IN TO SCIENTIFIC DRILLING GYRO SURVEY.										
7500.00	0.19	134.80	7499.58	0.00	-5.66	10.11 N	3.95 E	10.85@	21.34	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
7639.00	15.30	120.16	7636.91	139.00	11.60	0.68 N	20.06 E	20.08@	88.06	10.88
7671.00	18.47	119.72	7667.53	32.00	20.16	3.96 S	28.12 E	28.40@	98.01	9.91
7703.00	20.49	121.22	7697.70	32.00	30.04	9.37 S	37.31 E	38.47@	104.10	6.50
7735.00	22.42	125.08	7727.48	32.00	41.06	15.78 S	47.10 E	49.67@	108.53	7.47
7767.00	24.97	126.23	7756.78	32.00	53.35	23.28 S	57.54 E	62.07@	112.03	8.10
7799.00	27.87	127.35	7785.44	32.00	67.04	31.82 S	68.94 E	75.92@	114.77	9.19
7831.00	29.72	129.80	7813.48	32.00	81.98	41.43 S	80.98 E	90.96@	117.10	6.86
7863.00	30.51	132.92	7841.16	32.00	97.72	52.04 S	93.02 E	106.59@	119.23	5.48
7895.00	32.27	137.77	7868.48	32.00	114.23	63.90 S	104.71 E	122.67@	121.39	9.62
7927.00	35.79	142.61	7895.00	32.00	132.11	77.67 S	116.14 E	139.72@	123.77	13.87
7959.00	39.31	146.29	7920.37	32.00	151.59	93.54 S	127.46 E	158.10@	126.28	13.04
7991.00	41.94	148.98	7944.66	32.00	172.35	111.14 S	138.60 E	177.65@	128.73	9.87
8023.00	44.14	149.89	7968.04	32.00	194.04	129.95 S	149.70 E	198.23@	130.96	7.14
8055.00	46.08	150.26	7990.63	32.00	216.52	149.60 S	161.01 E	219.78@	132.90	6.12
8087.00	47.57	150.21	8012.52	32.00	239.66	169.85 S	172.59 E	242.15@	134.54	4.66
8119.00	51.09	149.19	8033.37	32.00	263.75	190.80 S	184.84 E	265.65@	135.91	11.26
8151.00	55.57	148.27	8052.48	32.00	289.27	212.73 S	198.16 E	290.73@	137.03	14.19
8183.00	59.18	149.06	8069.73	32.00	316.08	235.75 S	212.17 E	317.17@	138.01	11.47
8214.00	60.59	149.53	8085.28	31.00	342.72	258.81 S	225.86 E	343.50@	138.89	4.73
8246.00	62.61	148.86	8100.50	32.00	370.69	282.98 S	240.28 E	371.23@	139.67	6.58
8278.00	63.75	147.81	8114.94	32.00	399.11	307.28 S	255.27 E	399.48@	140.28	4.61
8310.00	64.98	143.22	8128.79	32.00	427.91	331.05 S	271.61 E	428.21@	140.63	13.49
8341.00	68.32	141.41	8141.08	31.00	456.37	353.57 S	289.01 E	456.66@	140.74	12.03
8373.00	73.86	140.25	8151.44	32.00	486.61	377.03 S	308.12 E	486.92@	140.74	17.65

CONFIDENTIAL

# PathFinder Energy Services, Inc.

## Survey Report

DELTA PETROLEUM  
 STATE 31362216  
 GRAND COUNTY, UTAH  
 RIG:DHS 1

---

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
8405.00	77.29	140.49	8159.41	32.00	517.57	400.89 S	327.89 E	517.90@	140.72	10.74
8437.00	79.40	143.47	8165.88	32.00	548.90	425.58 S	347.18 E	549.23@	140.79	11.25
STRAIGHT LINE PROJECTION TO BIT.										
8497.00	79.40	143.47	8176.92	60.00	607.87	472.97 S	382.29 E	608.15@	141.05	0.00

Tight Hole

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT [ ] FORM 8

CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [x] DRY [ ] OTHER [ ]
b. TYPE OF WORK: NEW WELL [ ] HORIZ. LATS. [x] DEEP-EN [ ] RE-ENTRY [x] DIFF. RESVR. [ ] OTHER Leg #3 sidetrk #1
2. NAME OF OPERATOR: Delta Petroleum Corporation
3. ADDRESS OF OPERATOR: 370 17th Street, #4300 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 575-0376
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1,025' FNL & 2,290' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: N/A AT TOTAL DEPTH: 3,229' FNL & 834' FEL
7. UNIT or CA AGREEMENT NAME: NA
8. WELL NAME and NUMBER: Greentown State 31-362216H
9. API NUMBER: 4301931569
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E
12. COUNTY: Grand 13. STATE: UTAH

14. DATE SPUDDED: 7/1/2008 15. DATE T.D. REACHED: 7/13/2008 16. DATE COMPLETED: 7/14/2008 ABANDONED [x] READY TO PRODUCE [ ]
17. ELEVATIONS (DF, RKB, RT, GL): 4,212'- GR
18. TOTAL DEPTH: MD 10,605 TVD 8,302 19. PLUG BACK T.D.: MD TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) None run for horizontal leg
23. WAS WELL CORED? NO [x] YES [ ] (Submit analysis) WAS DST RUN? NO [x] YES [ ] (Submit report) DIRECTIONAL SURVEY? NO [ ] YES [x] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well) Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP \*\*, AMOUNT PULLED

25. TUBING RECORD Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD)

26. PRODUCING INTERVALS Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD)
27. PERFORATION RECORD Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD), INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS: [ ] ELECTRICAL/MECHANICAL LOGS [ ] GEOLOGIC REPORT [ ] DST REPORT [ ] DIRECTIONAL SURVEY [ ] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [ ] CORE ANALYSIS [ ] OTHER:
30. WELL STATUS: T&A

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JAN 04 2010
DIV. OF OIL, GAS & MINING

**31. INITIAL PRODUCTION**

**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL B (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL C (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL D (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
			34. cont-	Entrada	297
			Cutler 3229'	Carmel	820
			Elephant Canyon 3355'	Navaio	901
			Honaker Trail 4244'	Kaventa	1,364
			Paradox Salt 5401'	Winqate	1,466
			Pinkerton Trail 8754'	Chinle	1,905
			Leadville 9018'	Shinarump	2,165
				Moenkopi	2,220
				Sinbad	2,654
				White Rim	2,836

**35. ADDITIONAL REMARKS (Include plugging procedure)**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Linda Cool

TITLE Sr. Regulatory Technician

SIGNATURE *Linda Cool*

DATE 12/30/09

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

*Tight Hole*  
**CONFIDENTIAL**

AMENDED REPORT  FORM 8

(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-50325

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input checked="" type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input checked="" type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <b>Leg #3-ST #2</b>				7. UNIT or CA AGREEMENT NAME NA	
2. NAME OF OPERATOR: Delta Petroleum Corporation				8. WELL NAME and NUMBER: Greentown State 31-362216H	
3. ADDRESS OF OPERATOR: 370 17th Street, #4300 CITY Denver STATE CO ZIP 80202			PHONE NUMBER: (303) 575-0376	9. API NUMBER: 4301931569	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1,025' FNL & 2,290' FEL  AT TOP PRODUCING INTERVAL REPORTED BELOW: N/A  AT TOTAL DEPTH: 4,050' FNL & 857' FEL				10. FIELD AND POOL, OR WILDCAT Wildcat	
				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E	12. COUNTY Grand
					13. STATE UTAH

14. DATE SPUNDED: 7/14/2008	15. DATE T.D. REACHED: 7/21/2008	16. DATE COMPLETED: 8/3/2008	ABANDONED <input checked="" type="checkbox"/>	READY TO PRODUCE <input type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 4,212'- GR
18. TOTAL DEPTH: MD 11,415 TVD 8,333		19. PLUG BACK T.D.: MD 7,012 TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? *	21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)		

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
5-7/8"	4.5" 3.5"	15.1# 9.3#	7,012	11,359		None			
	P110 EUE								

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A								

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) N/A								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:				30. WELL STATUS:	
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS	<input type="checkbox"/> GEOLOGIC REPORT	<input type="checkbox"/> DST REPORT	<input checked="" type="checkbox"/> DIRECTIONAL SURVEY	T&A	
<input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION	<input type="checkbox"/> CORE ANALYSIS	<input checked="" type="checkbox"/> OTHER: Wellbore Diagram			

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
			34. cont.	Entrada	297
			Cutler 3229'	Carmel	820
			Elephant Canyon 3355'	Navaio	901
			Honaker Trail 4244'	Kaventa	1,364
			Paradox Salt 5401'	Wingate	1,466
			Pinkerton Trail 8754'	Chinle	1,905
			Leadville 9018'	Shinarump	2,165
				Moenkopi	2,220
				Sinbad	2,654
				White Rim	2,836

35. ADDITIONAL REMARKS (Include plugging procedure)

A Dry Hole Tree was installed.  
 7" x 5" Liner Hanger, Baker HMC hyd set w/ ZXP Liner Top Packer & 10' PBR w/ top @ 7,012'  
 A storm packer was set @ 95' in vertical wellbore on 8/3/2008

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Linda Cool TITLE Sr. Regulatory Technician  
 SIGNATURE *Linda Cool* DATE 12/30/09

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

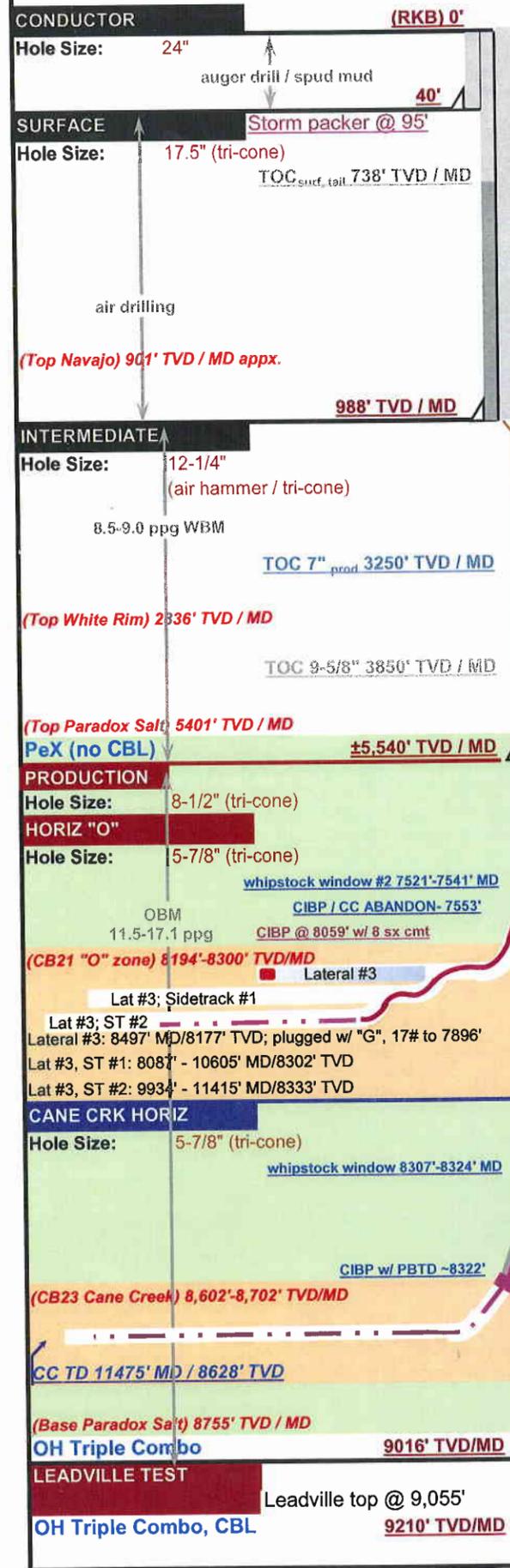
\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

Grand County, Utah

COMPLETION NOTES:



<p>4212' GL + 27' Sub (DHS #1)</p> <p>(13-3/8" SOW csg head x 13-5/8" 5M x 11" 10M x 7 1/16" 10M)</p> <p>Casing: ±40', 20", 104 ppf, 19.0" ID, butt weld (bbl/ft: 0.3507 csg / 0.0710 OH ann)                  Cement: (est. 50% OH excess) 4.26 bbl / 1.0 yd<sup>3</sup> of 3500 psi Redi-Mix, furnished w/ conductor pipe                  TOC: 1" or grout to surface</p>	<p>12/17/09 RB ± 2,414' 3-1/2" 9.3 ppf                  7/31/09 RB EUE 8rd, 1/3 jts perf'd one hole per foot.</p>
<p>Casing: ±988', 13-3/8" 54.5 ppf J55 BTC (bbl/ft- 0.1545 csg vol / 0.1237 OH ann vol / 0.1769 CH ann vol)                  Cmt Lead: (738') (100% OH excess) 200 <sub>sx</sub> Versacem, 2.57 yld, 12 ppg slurry                  24 / 72 hr compressive strength (est. 80°F): 400 / 800 psi                  Cmt Tail: (250') (100% OH excess) 390 <sub>sx</sub> Type 1-2 Class A, 1.82 yld, 13.5 ppg slurry                  24 / 72 hr compressive strength (est. 80°F): 1000 / 2000 psi                  TOC: 0                  Csg. Test: 2000 psi / 30 min                  FIT / LOT: 10.0 ppg EMW                  Notes: 1. bowspring centralizers spaced every 160' / 4th jt, from shoe to surface</p>	<p>CIBP @ 8,700' w/ 60 sx                  CIBP @ 8,322'                  CIBP @ 8,059' w/ 8 sx of cement, TOC @ 7,970'                  CIBP @ 7,553'                  No tubing in well.                  Dry hole tree installed.</p>
<p>Casing: ±5,415', 9-5/8" 43.5 ppf P110 LTC (bbl/ft- 0.0744 csg vol / 0.0558 OH ann vol / 0.0646 CH ann vol)                  Cmt Lead: (3875') (est. 15% over caliper excess) 965 <sub>sx</sub> Nitrogen foamed Elastiseal G, 1.56 yld, 13.1 ppg slurry                  Cmt Tail: (1540') (15% over caliper excess) 337 <sub>sx</sub> Halcem G, 1.25 yld, 15.8 ppg slurry                  24 hr compressive strength (est. 150°F): 3000 psi                  Top out: 200 <sub>sx</sub> Class G, 1.17 yld, 15.8 ppg slurry                  TOC: 3,850' from CBL. Did top out job. New TOC unknown. See CBL dated 3/6/2008                  Csg. Test: 1500 psi / 30 min (chart record results)                  FIT / LOT: 15.5 EMW chart record 15 min                  Notes: 1. Bowspring centralizers spaced every 120' / 3rd jt (120') from shoe to 1200' TVD / MD</p>	<p>Storm packer @ 95'</p>
<p>Casing: 9,010', 7" 35 ppf Q-125 LTC/ P110 Flush joint in OH (bbl/ft- 0.0350 csg vol / 0.0226 OH ann vol / 0.0269 CH ann vol)                  Cmt Lead: (3000') (scavenger slurry for OBM recovery) 850 <sub>sx</sub> Premium G Cmt, 15.5 ppg slurry, 1.3 cfs yield with/ 0.125lbm poly-e-flake, 0.3%HR-5, 0.15%HR-25, 6%wellife665, 0.2%Halad@-344, 0.3%D-Air3000, 18%salt                  Csg. Test: 5000 psi / 15 min (chart record results)                  Notes: 1. bowspring centralizers spaced every joint from shoe to top of paradox salt                  2. 1 joint shoe track</p>	
<p>HORIZ "O"                  Left bit and motor in hole @ 8498', tag fish top @ 8,493'. Set 100 <sub>sx</sub> plug from 8,498' - 7,896' (TOC). Sidetracked @ 8087'                  Liner: ± 1,557' 4-1/2" 15.1 ppf P110 LTC blank x ± 2,414' 3-1/2" 9.3 ppf EUE 8rd 1/3 jts perf'd                  Liner Hanger: 7" x 5" Liner Hanger, Baker HMC hyd set w/ ZXP Liner Top Packer &amp; 10' PBR w/top @ 7,012'</p>	
<p>Liner: 3331', 3-1/2" 14.3 ppf P110 PH6                  Liner Hanger: 7" x 3.5" Liner Hanger, Baker HMC hydraulic set w/ 10' tie-back receptacle w/top @ 8149".                  OH Packer: Baker 6.5" x 4.5" hyd or swell, @ top of C.Ck, for cementing liner across salt, 1/3 perf liner below OH packer                  Cmt Slurry: (salt OH / 300' lap / 200' abv hanger) 624' (30% OH excess) 115 <sub>sx</sub> Elasticem Prem, 15.8 ppg slurry, 1.29 yield                  TOC: 8149' est.</p>	
<p>Historical Completion / Testing                  Production Tests: #1 Leadville Test, P&amp;A with 60 <sub>sx</sub> Class G cement, 15.5 ppg slurry, 1.3 cfs yield. TOC @ +/- 8,700'.                  #2 Cane Ck Horizontal P&amp;A w/ CIBP @ 7,553"                  #3 CB21 "O"</p>	

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 JAN 04 2010  
 DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
UTU-81227

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE** -- Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. N/A
2. Name of Operator Delta Petroleum Corporation		8. Well Name and No. Greentown Federal 33-12
3a. Address 370 17th St. Suite 4300, Denver, CO 80202	3b. Phone No. (include area code) 303-575-0383	9. API Well No. 43-019-31506
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2,087' FNL & 768' FWL, Sec. 33, T22S, R17E, SLM, SWNW		10. Field and Pool or Exploratory Area Wildcat
		11. Country or Parish, State Grand County, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Well History Report</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Tight Hole Status

Well Status: Operations suspended

No other well activity has occurred

**RECEIVED**  
JAN 04 2010  
DINO OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed) Richard Bonham	Title Completions Engineer
Signature <i>Richard Bonham</i>	Date 12/23/09

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER [ ]
2. NAME OF OPERATOR: Delta Petroleum Corporation
3. ADDRESS OF OPERATOR: 370 17th St. Suite 4300 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 575-0383
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT or CA AGREEMENT NAME: N/A
8. WELL NAME and NUMBER: Greentown State 31-362216H
9. API NUMBER: 4301931569
10. FIELD AND POOL, OR WILDCAT: Wildcat
COUNTY: Grand
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION: [X] NOTICE OF INTENT (Submit in Duplicate)
TYPE OF ACTION: [ ] ACIDIZE, [ ] ALTER CASING, [ ] CASING REPAIR, [ ] CHANGE TO PREVIOUS PLANS, [ ] CHANGE TUBING, [ ] CHANGE WELL NAME, [ ] CHANGE WELL STATUS, [ ] COMMINGLE PRODUCING FORMATIONS, [ ] CONVERT WELL TYPE, [ ] DEEPEN, [ ] FRACTURE TREAT, [ ] NEW CONSTRUCTION, [ ] OPERATOR CHANGE, [ ] PLUG AND ABANDON, [ ] PLUG BACK, [ ] PRODUCTION (START/RESUME), [ ] RECLAMATION OF WELL SITE, [ ] RECOMPLETE - DIFFERENT FORMATION, [ ] REPERFORATE CURRENT FORMATION, [ ] SIDETRACK TO REPAIR WELL, [ ] TEMPORARILY ABANDON, [ ] TUBING REPAIR, [ ] VENT OR FLARE, [ ] WATER DISPOSAL, [ ] WATER SHUT-OFF, [X] OTHER: TA extension request

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Tight Hole Status
Delta Petroleum has entered into a business agreement with Pacific Energy & Mining Company (PEMC, formerly Mar/Reg Oil Company) to operate and return to production/workover four wells in the Greentown area over the next several months.
The first of these wells, the Federal 28-11, has recently been returned to production by PEMC. The Greentown State 31-362216H will probably be the fourth well and will be worked-over/recompleted/produced by PEMC.
Given this business agreement and planned work, and in consideration of the attached MIT demonstration by casing string pressures, Delta requests a 12 month TA extension for this well.
Additionally, by this Notice, Delta would like to correct a statement made on the 10/5/09 request for TA extension. Specifically, the 10/5/09 TA extension request stated a storm packer was in the 7" casing at 95'. This was incorrect- the 7" Halliburton RTTS packer with storm valve was released and removed from the wellbore on 8/20/08.
Please contact Richard Bonham at 303-575-0383 if you should have any questions or concerns. Revised wellbore schematic is attached.
Date: 7-13-2010
Initials: KS

NAME (PLEASE PRINT) Richard Bonham TITLE Completions Engineer
SIGNATURE [Signature] DATE 03/18/10

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6/29/10
BY: [Signature]

RECEIVED
MAR 22 2010

(5/2000) \* Valid Through 4/11/2011
\*\* Pressures should be monitored on a periodic basis (Quarterly at a minimum). Specifically the 7" x 9 5/8" annulus. IF pressure is found contact DGM immediately. Remedial action will be reqd.
(See Instructions on Reverse Side)
DIV. OF OIL, GAS & MINING

Greentown State 31-362216H								
Mechanical Integrity Demonstration								
Tubing, Casing, and Annulus Pressures								
Date	Tbg Press psi	Casing Press psi	Intermed #2 Press psi	Intermed #1 Press psi	Surface Press psi	Fluid Type & Character		Observations / Comments
10/06/09	n/a	4650						10/08/09: BPV installed in tbg hanger, VR plugs installed in csg valves
03/11/10	0	<1		dead	valve below ground level	- Tbg: none - Csg: < 1 psi, gas and slight blow - Inter #1: dead		- Tbg none - Csg 7" Inter #1 is 7"x9 5/8" ann - Surface is 9 5/8"x13 3/8"
<b>Analysis</b>								
Mechanical integrity is demonstrated by the significant difference in the 10/06/09 casing pressure and the 03/11/10 intermediate (7" x 9 5/8") pressure. Delta requests extension of TA status for this well.								

Grand County, Utah

03/18/10 RB

12/17/09 RB

7/31/09 RB

COMPLETION NOTES:

± 2,414' 3-1/2" 9.3 ppf EUE 8rd, 1/3 jts perf'd one hole per foot.

CIBP @ 8,700' w/ 60 sx

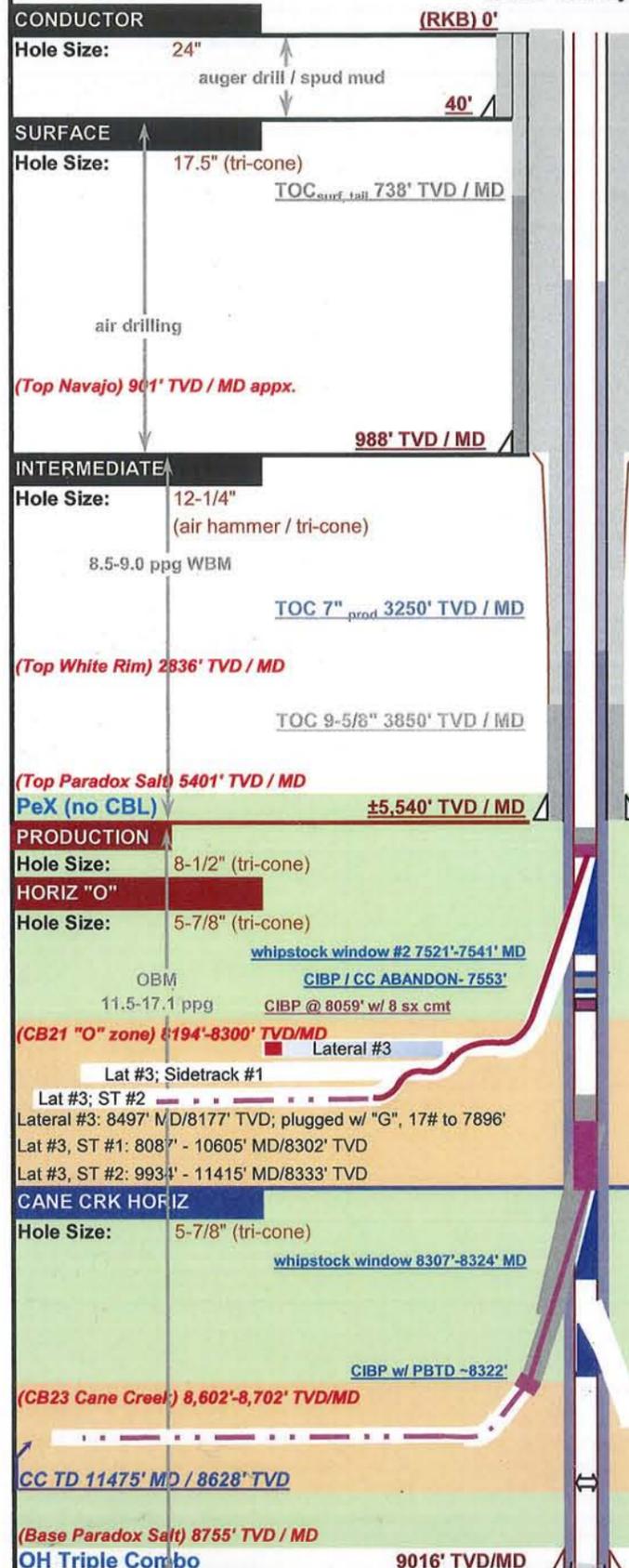
CIBP @ 8,322'

CIBP @ 8,059' w/ 8 sx of cement, TOC @ 7,970'

CIBP @ 7,553'

No tubing in well.

Dry hole tree installed.



<p>4212' GL + 27' Sub (DHS #1) (13-3/8" SOW csg head x 13-5/8" 5M x 11" 10M x 7 1/16" 10M)</p> <p><b>Casing:</b> ±40', 20", 104 ppf, 19.0" ID, butt weld (bbl/ft: 0.3507 csg / 0.0710 OH ann)  <b>Cement:</b> (est. 50% OH excess) 4.26 bbl / 1.0 yd<sup>3</sup> of 3500 psi Redi-Mix, furnished w/ conductor pipe  <b>TOC:</b> 1" or grout to surface</p>
<p><b>Casing:</b> ±988', 13-3/8" 54.5 ppf J55 BTC (bbl/ft- 0.1545 csg vol / 0.1237 OH ann vol / 0.1769 CH ann vol)  <b>Cmt Lead:</b> (738') (100% OH excess) 200<sub>sx</sub> Versacem, 2.57 yld, 12 ppg slurry                  24 / 72 hr compressive strength (est. 80°F): 400 / 800 psi  <b>Cmt Tail:</b> (250') (100% OH excess) 390<sub>sx</sub> Type 1-2 Class A, 1.82 yld, 13.5 ppg slurry                  24 / 72 hr compressive strength (est. 80°F): 1000 / 2000 psi  <b>TOC:</b> 0  <b>Csg. Test:</b> 2000 psi / 30 min  <b>FIT / LOT:</b> 10.0 ppg EMW  <b>Notes:</b> 1. bowspring centralizers spaced every 160' / 4th jt, from shoe to surface</p>
<p><b>Casing:</b> ±5,415', 9-5/8" 43.5 ppf P110 LTC (bbl/ft- 0.0744 csg vol / 0.0558 OH ann vol / 0.0646 CH ann vol)  <b>Cmt Lead:</b> (3875') (est. 15% over caliper excess) 965<sub>sx</sub> Nitrogen foamed Elastiseal G, 1.56 yld, 13.1 ppg slurry  <b>Cmt Tail:</b> (1540') (15% over caliper excess) 337<sub>sx</sub> Halcem G, 1.25 yld, 15.8 ppg slurry                  24 hr compressive strength (est. 150°F): 3000 psi  <b>Top out:</b> 200<sub>sx</sub> Class G, 1.17 yld, 15.8 ppg slurry  <b>TOC:</b> 3,850' from CBL. Did top out job. New TOC unknown. See CBL dated 3/6/2008  <b>Csg. Test:</b> 1500 psi / 30 min (chart record results)  <b>FIT / LOT:</b> 15.5 EMW chart record 15 min  <b>Notes:</b> 1. Bowspring centralizers spaced every 120' / 3rd jt (120') from shoe to 1200' TVD / MD</p>
<p><b>Casing:</b> 9,010', 7" 35 ppf Q-125 LTC/ P110 Flush joint in OH (bbl/ft- 0.0350 csg vol / 0.0226 OH ann vol / 0.0269 CH ann vol)  <b>Cmt Lead:</b> (3000') (scavenger slurry for OBM recovery) 850<sub>sx</sub> Premium G Cmt, 15.5 ppg slurry, 1.3 cfs yield with/ 0.125lbm poly-e-flake, 0.3%HR-5, 0.15%HR-25, 6%welllife665, 0.2%Halad@-344, 0.3%D-Air3000, 18%salt  <b>Csg. Test:</b> 5000 psi / 15 min (chart record results)  <b>Notes:</b> 1. bowspring centralizers spaced every joint from shoe to top of paradox salt                  2. 1 joint shoe track</p>
<p><b>HORIZ "O"</b>                  Left bit and motor in hole @ 8498', tag fish top @ 8,493'. Set 100<sub>sx</sub> plug from 8,498' - 7,896' (TOC). Sidetracked @ 8087'  <b>Liner:</b> ± 1,557' 4-1/2" 15.1 ppf P110 LTC blank x ± 2,414' 3-1/2" 9.3 ppf EUE 8rd 1/3 jts perf'd  <b>Liner Hanger:</b> 7" x 5" Liner Hanger, Baker HMC hyd set w/ ZXP Liner Top Packer &amp; 10' PBR w/top @ 7,012'</p>
<p><b>Liner:</b> 3331', 3-1/2" 14.3 ppf P110 PH6  <b>Liner Hanger:</b> 7" x 3.5" Liner Hanger, Baker HMC hydraulic set w/ 10' tie-back receptacle w/top @ 8149".  <b>OH Packer:</b> Baker 6.5" x 4.5" hyd or swell, @ top of C.Ck, for cementing liner across salt, 1/3 perf liner below OH packer  <b>Cmt Slurry:</b> (salt OH / 300' lap / 200' abv hanger) 624' (30% OH excess) 115<sub>sx</sub> Elasticem Prem, 15.8 ppg slurry, 1.29 yield  <b>TOC:</b> 8149' est.</p>
<p>Whipstock window 8347'-8392' MD                  CIBP w/ PBTD ~8700'                  CC TD 10200' MD / 8674' TVD                  Collapsed casing in original Cane Ck Horiz, redrilled Cane Ck Horiz</p>
<p><b>Historical Completion / Testing</b>                  Production Tests: #1 Leadville Test, P&amp;A with 60<sub>sx</sub> Class G cement, 15.5 ppg slurry, 1.3 cfs yield. TOC @ +/- 8,700'.                  #2 Cane Ck Horizontal P&amp;A w/ CIBP @ 7,553'                  #3 CB21 "O"</p>



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**  
 1. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**3/1/2011**

<b>FROM: (Old Operator):</b> N2925-Delta Petroleum Corporation 370-17th Street, Suite 3400 Denver, CO 80202  Phone: 1 (303) 575-0376	<b>TO: ( New Operator):</b> N7655-Pacific Energy & Mining Co 3550 Barron Way, Suite 13A PO Box 18148 Reno, NV 89511  Phone: 1 (775) 333-6626
---	--

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
GREENTOWN ST 31-362216H	36	220S	160E	4301931569	16640	State	GW	TA

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 3/31/2011
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 3/31/2011
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/10/2011
- Is the new operator registered in the State of Utah: Business Number: 5977241-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: OK
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 7/13/2011
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/13/2011
- Bond information entered in RBDMS on: 7/13/2011
- Fee/State wells attached to bond in RBDMS on: 7/13/2011
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000416
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 9/11/1998
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
		7. UNIT or CA AGREEMENT NAME: NA
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Greentown State 31-362216H	
2. NAME OF OPERATOR: Delta Petroleum Corporation <i>N2925</i>	9. API NUMBER: 4301931569	
3. ADDRESS OF OPERATOR: 370-17th Street, Suite 4300 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 293-9133	10. FIELD AND POOL, OR WLD CAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1025' FNL & 2290' FEL		COUNTY: Grand
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 22S 16E		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Change of Operator to be effective as of March 1, 2011 as follows:

Previous Operator: Delta Petroleum Corporation, 370-17th Street, Suite 4300, Denver, CO 80202 Ph: 303-293-9133

By: *Carl Lakey* Date: 3/29/11  
Carl Lakey, President & CEO

New Operator: Pacific Energy & Mining Company, 3550 Barron Way, #13A, Reno, NV 89511 Ph: 775-333-6626

By: *Tariq Ahmad* Date: 3/22/11 Utah Bond: ~~UTB000416~~  
Tariq Ahmad, Petroleum Engineer

*N7655*  
*Bond # 36049*

NAME (PLEASE PRINT) <u>Linda Cool</u>	TITLE <u>Senior Regulatory Technician</u>
SIGNATURE <u><i>Linda Cool</i></u>	DATE <u>3/3/2011</u>

(This space for State use only)

**APPROVED** 7/13/2011  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

**RECEIVED**  
**MAR 31 2011**  
DIV OF OIL, GAS & MINING

UTAH DEPARTMENT OF NATURAL RESOURCES  
Division of Oil, Gas & Mining  
Oil and Gas Program  
1594 West North Temple, Suite 1210, Box 145801  
Salt Lake City, UT 84114-5801  
(801) 538-5340 Phone  
(801) 359-3940 Fax

**NOTICE OF VIOLATION  
STATE OF UTAH  
OIL AND GAS CONSERVATION ACT**



TO THE FOLLOWING OPERATOR:

Operator Name: PACIFIC ENERGY & MINING CO.

Mailing Address: Attn: Tariq Ahmad

P.O. BOX 18148

RENO, NV 89511

22S 16E 36

- |                     |                                     |                            |
|---------------------|-------------------------------------|----------------------------|
| Well(s) or Site(s): | 1) <u>WHYTE-STATE 2</u>             | API #: <u>43-019-16263</u> |
|                     | 2) <u>SWEETHEART 7</u>              | API #: <u>43-019-31420</u> |
|                     | 3) <u>LITTLE BOY 2</u>              | API #: <u>43-019-31460</u> |
|                     | 4) <u>14-01</u>                     | API #: <u>43-019-31450</u> |
|                     | → 5) <u>GREENTOWN ST 31-362216H</u> | API #: <u>43-019-31569</u> |

Date and Time of Inspection/Violation: January 31, 2013

Under the authority of the Utah Oil and Gas Conservation Act, Section 40-6 et. Seq., Utah Code Annotated, 1953, as amended, the undersigned authorized representative of the Division of Oil, Gas and Mining (Division) has conducted an inspection of the above described site and/or records on the above date and has found alleged violation(s) of the act, rules or permit conditions as described below.

**Description of Violation(s):**

**Rule R649-3-36, Shut-in and Temporarily Abandoned Wells** – According to Rule R649-3-36, the operator is required to supply the Division with reasons for extended SI/TA, the length of time for extended SI/TA and proof of well bore integrity for every well SI/TA over 12 consecutive months. After 5 years of continued SI/TA, the wells are to be plugged unless good cause is supplied to the Division for extended SI/TA in addition to the required information just mentioned.

**Rule R649-3-4.3 Bonding** – If the division finds that a well subject to this bonding rule is in violation of Rule R649-3-36, Shut-in and Temporarily Abandoned Wells, the division shall require a bond amount for the applicable well in the amount of actual plugging and site restorations costs.

**Rule R649-3-4.41 Bonding** – Within 30 days of notification by the division, the operator shall submit to the division an estimate of plugging and site restoration costs for division review and approval.

The Division has initiated several contacts with Pacific Energy & Mining Co. (Pacific) requesting required documents and action per R649-3-36. All wells listed have previously been issued SI/TA Notices and Notices of Violation without the required work being accomplished or information submitted to bring these wells into compliance.

These wells are in violation of R-649-3-36 as listed above. The Division requires Pacific to put up full cost bonding for all wells in violation above per R649-3-4. It is also mandatory that Pacific submit all documentation as required by R649-3-36 concerning shut-in and temporarily abandoned wells.

UTAH DEPARTMENT OF NATURAL RESOURCES  
Division of Oil, Gas & Mining  
Oil and Gas Program  
1594 West North Temple, Suite 1210, Box 145801  
Salt Lake City, UT 84114-5801  
(801) 538-5340 Phone  
(801) 359-3940 Fax

Operator Name: PACIFIC ENERGY & MINING CO.

**Immediate Action: For the wells subject to this notice, Pacific shall fulfill full cost bonding requirements for each well. Pacific shall also submit all information as required by R649-3-36 or plug and abandon or place the well(s) on production.**

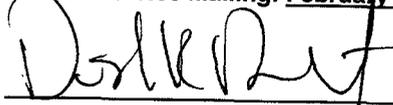
**\* Fines may be levied up to \$10,000.00 per day for every well in violation given the authority provided under U.C.A 40-6-11, part 4**

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining. Failure to comply with this notice will result in the Division pursuing further actions against said operator. Further actions may include initiation of agency actions to order full cost bonding and plugging and abandonment of wells and requests for bond forfeiture and civil penalties.

Compliance Deadline: March 15, 2013

Date of Service Mailing: February 5, 2013

Certified Mail No.: 7010 1670 0001 4810 3805



Division Representative Signature

Operator Representative (if presented in person)

cc: Compliance File  
Well Files  
SITLA

1/2013

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: PACIFIC ENERGY & MINING CO	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 18148 , Reno, NV, 89511	8. WELL NAME and NUMBER: GREENTOWN ST 31-362216H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1025 FNL 2290 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 36 Township: 22.0S Range: 16.0E Meridian: S	9. API NUMBER: 43019315690000
PHONE NUMBER: 775 240-0769 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: GRAND	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/12/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Monitor Pressure"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Field personnel visited the well site and found mechanical integrity has been demonstrated by no pressure on intermediate casing 7"x9 5/8" annulus. There was no pressure on the casing. Field personnel has visited the well site on a periodic basis and has confirmed there was no pressure on the intermediate annulus. Pacific will notify DOGM on a quarterly basis of the pressure on this well. Pacific requests an extension of the SI Temporary Abandoned status of this well.

**Approved by the Utah Division of Oil, Gas and Mining**  
**Date:** April 10, 2013  
**By:** *Derek Duff*

<b>NAME (PLEASE PRINT)</b> Tariq Ahmad	<b>PHONE NUMBER</b> 775 852-7444	<b>TITLE</b> Petroleum Engineer
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/12/2013	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43019315690000**

**Extension Valid Through 4/1/2014. Periodic monitoring of casing pressures should be conducted throughout the year to ensure continued integrity. If pressure is found on the casing, contact the Division immediately. Approvals beyond the extension date will not be granted without the periodic monitoring data from the previous year.**

Greentown Unit - Approved by BLM 5/24/2013

acct_num	Company Name	unit_name	well_type	api	well_name	well_status	lapa_date	directional	qtr_qtr	section	township	wrange
N7655	PACIFIC ENERGY & MINING COMPANY		OW	4301950031	GREENTOWN 32-42-1A	APD			SENE	32	220S	170E
N7655	PACIFIC ENERGY & MINING COMPANY		OW	4301931503	FEDERAL 28-11	P			NWNW	28	220S	170E
N7655	PACIFIC ENERGY & MINING COMPANY		OW	4301931547	GREENTOWN FED 26-43H	S		H	NESE	26	210S	160E
N7655	PACIFIC ENERGY & MINING COMPANY		GW	4301931575	FEDERAL 11-24	S			SESW	11	220S	160E
N7655	PACIFIC ENERGY & MINING COMPANY		GW	4301931569	GREENTOWN ST 31-362216H	TA		H	NWNE	36	220S	160E

Please Scan  
 Pages 2,3,4  
 to wells  
 listed on  
 page 1.  
 Thank/Zeke



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office

440 West 200 South, Suite 500

Salt Lake City, UT 84101

<http://www.blm.gov/ut/st/en.html>

IN REPLY REFER TO  
3180 (UTU89379X)  
UT922000

RECEIVED

MAY 31 2013

DIV. OF OIL, GAS & MINING

Mr. Tim Woodroof  
Pacific Energy & Mining Company  
c/o UnitSource Incorporated  
11184 Huron Street, Suite 16  
Denver, Colorado 80234

MAY 24 2013

Dear Mr. Woodroof:

The Greentown Unit Agreement, located in Emery and Grand Counties, Utah, was approved on May 24, 2013. This agreement has been designated No. UTU89379X and is effective the same date as approved.

This unit provides for the drilling of two obligation wells and subsequent drilling obligations pursuant to Section 9 of the unit agreement. The initial well is to be located in the NWNW of Section 36, Township 21 South, Range 16 East, SLB&M, Grand County, Utah, and drilled to a depth of 10,000 feet or a depth sufficient to penetrate 100 feet below the top of the Cane Creek Clastic Zone, whichever is less. The second well will be located in the SENE of Section 32, Township 22 South, Range 17 East, SLB&M, Grand County, Utah, and drilled to a depth of 9,200 feet or a depth sufficient to test 100 feet below the top of the Cane Creek Clastic Zone, whichever is less.

No extension of time beyond November 24, 2013, will be granted to commence the "initial obligation well" other than "unavoidable delay" (Section 25), where justified.

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

The basic information is as follows:

1. The depth of the test wells and the area to be unitized were approved under the unit plan regulations of December 22, 1950, by Bureau of Land Management letter of April 5, 2013.

2. All formations are unitized.
3. The unit area embraces 31,383.13 acres, more or less, of which 22,219.78 acres (70.80%) are Federal lands; 6,784.18 acres (21.62%) are State lands; 414.36 acres (1.32%) are Sovereign State Lands, and 1,964.81 acres (6.26%) are patented lands.

The following leases embrace lands included within the unit area:

UTU76479**	UTU84050*	UTU84943
UTU81227	UTU84051	
UTU82152	UTU84052	
UTU82153	UTU84054	
UTU82154	UTU84057	
UTU82155	UTU84067	
UTU82156	UTU84939*	
UTU82561	UTU84942	

\* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

\*\* Indicates non-committed lease.

All lands and interests are fully or effectively committed except Tract 1 and Tracts 26 - 54 totaling 3,523.09 acres (11.23%), which are not committed. Also, certain overriding royalty interest owners have not signed the unit agreement. All parties owning interests within this unit area were invited to join the unit agreement.

Unleased Federal land, Tract 18, totaling 2,212.17 acres (7.05%), is not committed, but is considered to be effectively controlled acreage because, prior to issuance of leases for the acreage, the lessee(s) may be required to commit to the unit agreement.

In view of the foregoing commitment status, effective control of operations within the unit area is assured. We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources.

The Certification-Determination, signed by the School and Institutional Trust Land Administration for the State of Utah, is attached to the enclosed agreement.

Copies of the approved agreement are being distributed to the appropriate regulatory agencies. You are requested to furnish all interested parties with appropriate evidence of this approval.

If you have any further questions, please contact Judy Nordstrom of this office at (801) 539-4108.

Sincerely,



Roger L. Bankert  
Chief, Branch of Minerals

Enclosure:

Unit Agreement

cc: UDOGM  
SITLA  
FFSL  
FOM – Price w/enclosure  
FOM – Moab w/enclosure

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-50325
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GREENTOWN
<b>2. NAME OF OPERATOR:</b> PACIFIC ENERGY & MINING COMPANY		<b>8. WELL NAME and NUMBER:</b> GREENTOWN ST 31-362216H
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 18148 , Reno, NV, 89511		<b>9. API NUMBER:</b> 43019315690000
<b>PHONE NUMBER:</b> 775 240-0769 Ext		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1025 FNL 2290 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 36 Township: 22.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> GRAND
		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/18/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Monitoring"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Field personnel visited the well site and found mechanical integrity has been demonstrated by no pressure on intermediate casing 7"x9 5/8" annulus. There was no pressure on the casing.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
February 19, 2014**

<b>NAME (PLEASE PRINT)</b> Tariq Ahmad	<b>PHONE NUMBER</b> 775 852-7444	<b>TITLE</b> Petroleum Engineer
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/18/2014	



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 11, 2014

Certified Mail No. 7003 2260 0003 2358 7240

Mr. Tariq Ahmad  
Pacific Energy & Mining Company  
P.O. Box 18148  
Reno, NV 89511

43 019 315 69  
Greentown St 31-362216H  
36 22S 16E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Tariq Ahmad:

As of April 2014, Pacific Energy & Mining Company has two (2) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. The Greentown St 31-362216H (attachment A) well has previously been issued a notice of violation and then granted an extension which expired on April 1, 2014.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



Page 2

Pacific Energy & Mining Company

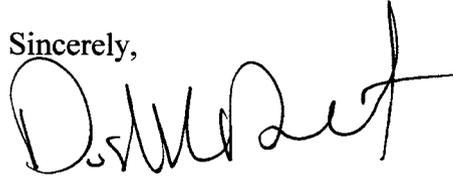
June 11, 2014

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js

cc: Compliance File  
Well File  
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# ATTACHMENT A

	<b>Well Name</b>	<b>API</b>	<b>LEASE</b>	<b>Years Inactive</b>
→ 1	GREENTOWN ST 31-362216H	43-019-31569	ML-50325	5 years 8 months
2	SALT VLY ST 25-12	43-019-31463	ML-49094	1 year 6 months

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-50325
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<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GREENTOWN
<b>2. NAME OF OPERATOR:</b> PACIFIC ENERGY & MINING COMPANY		<b>8. WELL NAME and NUMBER:</b> GREENTOWN ST 31-362216H
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 18148 , Reno, NV, 89511		<b>9. API NUMBER:</b> 43019315690000
<b>PHONE NUMBER:</b> 775 240-0769 Ext		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1025 FNL 2290 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 36 Township: 22.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> GRAND
		<b>STATE:</b> UTAH

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Field personnel visited the well site and found mechanical integrity has been demonstrated by no pressure on intermediate casing 7"x9 5/8" annulus. There was no pressure on the casing

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**  
**FOR RECORD ONLY**  
July 23, 2014

<b>NAME (PLEASE PRINT)</b> Tariq Ahmad	<b>PHONE NUMBER</b> 775 852-7444	<b>TITLE</b> Petroleum Engineer
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/19/2014	



PACIFIC ENERGY & MINING CO

July 3, 2014

State of Utah  
Department of Natural Resources  
Dustin Doucet  
Petroleum Engineer  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114-5801

RECEIVED  
JUL 07 2014  
DIV. OF OIL, GAS & MINING

Subject: Integrity Test  
Greentown State 31-362216H

Dear Mr. Doucet:

Reference your letter dated June 11, 2014 concerning the above. We had submitted the following with our last letter:

1. Current Wellbore diagram.
2. Copies of Sundry Notices confirming pressure data.

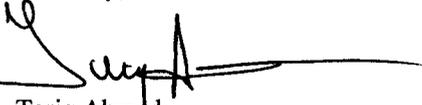
Additionally Mechanical integrity is established by the difference in the October 6, 2009 casing pressure and the current pressure on the intermediate 7" x 9 5/8" pressure. There is no tubing pressure. As the records show BPV was installed in tbg hanger, VR plugs installed in casing valves.

Thereafter we have periodically monitored the pressures and there is not pressure on the intermediate casing, thereby confirming mechanical integrity.

Based upon the above and our earlier letter, Pacific Energy requests SI/TA status for a period of 12 months. If you have any questions please call.

**COPY SENT TO OPERATOR**  
Date: 11.18.2014  
Initials: KS

Sincerely,

  
Tariq Ahmad  
Petroleum Engineer

**REQUEST DENIED**  
Utah Division of  
Oil, Gas and Mining

Date: 11/6/2014  
By: Dustin Doucet

\* Periodic monitoring data showing integrity not provided as required by conditions of last extension.

Future Submittals should be sent on Sundry via e Permit.



PACIFIC ENERGY & MINING CO

RECEIVED  
JUL 07 2014  
DIV. OF OIL, GAS & MINING

July 1, 2014

State of Utah  
Department of Natural Resources  
Dustin Doucet  
Petroleum Engineer  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114-5801

Subject: Letter dated June 11, 2014

Dear Dustin Doucet;

Reference your letter dated June 11, 2014, our response is as follows:

Salt Valley 25-12

The well was on production, most of the time during the year 2013 and 2014. We inadvertently failed to file the production reports for this period, these will be amended and filed this week. See attached monthly production reports.

Greentown St 31-362216H

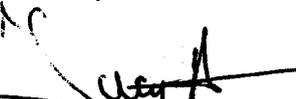
The well currently has plugs installed. We have been following the directions issued by your office in measuring the pressures and reporting the same periodically. Currently the well is shut in awaiting testing and a pipeline, we expect to test the same, once tested, we have to build a pipeline from the Greentown 32-42 1A to this well location after applying for a pipeline ROW.

Attached are the sundry notices filed with DOGM reporting pressures on the well.

Based upon the pressure data submitted on the Greentown St 31-362216H, we request an extended SI/TA status for the above well.

If you have any questions please call.

Sincerely,

  
Tariq Ahmad  
Petroleum Engineer

RECEIVED  
JUL 07 2014

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-50325

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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7. UNIT or CA AGREEMENT NAME:  
GREENTOWN

1. TYPE OF WELL  
Gas Well

8. WELL NAME and NUMBER:  
GREENTOWN ST 31-362216H

2. NAME OF OPERATOR:  
PACIFIC ENERGY & MINING COMPANY

9. API NUMBER:  
43019315690000

3. ADDRESS OF OPERATOR: P.O. Box 18148 , Reno, NV, 89511  
PHONE NUMBER: 775 240-0769 Ext

9. FIELD and POOL or WILDCAT:  
WILDCAT

4. LOCATION OF WELL  
FOOTAGES AT SURFACE:  
1025 FNL 2290 FEL  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
Qtr/Qtr: NWNE Section: 36 Township: 22.0S Range: 16.0E Meridian: S

COUNTY:  
GRAND

STATE:  
UTAH

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<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Field personnel visited the well site and found mechanical integrity has been demonstrated by no pressure on intermediate casing 7"x9 5/8" annulus. There was no pressure on the casing

NAME (PLEASE PRINT) Tariq Ahmad	PHONE NUMBER 775 852-7444	TITLE Petroleum Engineer
SIGNATURE N/A	DATE 6/19/2014	

GREENTOWN STATE 31-362216H

Grand County, Utah

03/18/10 RB

COMPLETION

12/17/09 RB ± 2,414' 3-1/2" 9.3 ppf  
7/31/09 RB EUE 8rd, 1/3 jts per/d

NOTES:

one hole per foot.  
CIBP @ 8,700' w/ 60 sx  
CIBP @ 8,322'  
CIBP @ 8,059' w/ 8 sx  
of cement, TOC @ 7,970'  
CIBP @ 7,553'  
No tubing in well.  
Dry hole tree installed.

**CONDUCTOR** (RKB1 0" 4212' GL + 27" Sub (OHS #1) (13-3/8" SOW csg head x 13-5/8" 5M x 11" 10M x 7 1/16" 10M)

Hole Size: 24" (ar hammer / tri-cone) 40'

**SURFACE** (ar hammer / tri-cone) 40'

Hole Size: 17.5" (tri-cone) TOC 732' / 170' / 600'

(Top Navajo) 901' TVD / MD appx. 988' TVD / MD

**INTERMEDIATE**

Hole Size: 12-1/4" (ar hammer / tri-cone) TOC 732' / 325' / 1100'

(Top White Hin) 2836' TVD / MD

(Top Paradox Salt) 5401' TVD / MD

PeX (no CBL) ±5,540' TVD / MD

**PRODUCTION**

Hole Size: 8-1/2" (tri-cone)

HORIZ "O" Hole Size: 5-7/8" (tri-cone)

Whipstock window #2 7521'-7541' MD  
CIBP / CC ABANDON-7553'  
CIBP @ 8068' w/ 8 sx cmt

(CB21 "O" zone) 8194'-8300' TVD/MD Lateral #3

Lat #3: Sidetrack #1  
Lat #3: ST #2  
Lateral #3: 8497' MD/8177' TVD; plugged w/ "G", 17# to 7896'  
Lat #3, ST #1: 8087' - 10605' MD/8302' TVD  
Lat #3, ST #2: 9934' - 11415' MD/8333' TVD

**CANE CRK HORIZ**

Hole Size: 5-7/8" (tri-cone) Whipstock window 8307'-8324' MD

(CB23 Cane Cree) 8,602'-8,702' TVD/MD

CC TD 11475' MD / 8628' TVD

(Base Paradox Salt) 8755' TVD / MD

OH Triple Combo 9210' TVD/MD

**LEADVILLE TEST**

OH Triple Combo, CBL Leadville top @ 9,055'  
9210' TVD/MD

**Casing:** ±40, 20", 104 ppf, 19.0" ID, butt weld (bbl/ft: 0.3507 csg / 0.0710 OH ann)

**Cement:** (est. 50% OH excess) 4.26 bbl / 1.0 yd<sup>3</sup> of 3500 psi Redi-Mix, furnished w/ conductor pipe

**TOC:** 1" or grout to surface

**Casing:** ±988, 13-3/8" 54.5 ppf J55 BTC (bbl/ft: 0.1545 csg vol / 0.1237 OH ann vol / 0.1769 CH ann vol)

**Cmt Lead:** (73%) (100% OH excess) 200 sg Versacem, 2.57 yd, 12 ppg slurry  
24 / 72 hr compressive strength (est. 90°F): 400 / 800 psi

**Cmt Tail:** (25%) (100% OH excess) 390 sx Type 1-2 Class A, 1.82 yd, 13.5 ppg slurry  
24 / 72 hr compressive strength (est. 80°F): 1000 / 2000 psi

**TOC:** 0

**Csg. Test:** 2000 psi / 30 min

**FIT / LOT:** 10.0 ppg EMW

**Notes:** 1. bowspring centralizers spaced every 160 / 4th jt. from shoe to surface

**Casing:** ±5,415, 8-5/8" 43.5 ppf P110 LTC (bbl/ft: 0.0744 csg vol / 0.0558 OH ann vol / 0.0646 CH ann vol)

**Cmt Lead:** (367%) (est. 15% over calliper excess) 985 sx Nitrogen foamed Elastocal G, 1.36 yd, 12.1 ppg slurry  
(154%) (15% over calliper excess) 337 sx Halcem G, 1.25 yd, 15.8 ppg slurry

**Cmt Tail:** 24 hr compressive strength (est. 150°F): 3000 psi

**Top out:** 200 sx Class G, 1.17 yd, 15.8 ppg slurry

**TOC:** 3,896' from CBL. Did top out job. New TOC unknown. See CBL dated 3/6/2008

**Csg. Test:** 1500 psi / 30 min (chart record results)

**FIT / LOT:** 15.5 EMW chart record 15 min

**Notes:** 1. Bowspring centralizers spaced every 120' / 3rd jt (120') from shoe to 1200' TVD / MD

**HORIZ "O"**

Left bit and motor in hole @ 8498', tag fish top @ 8,493'. Set 100 sx plug from 8,498' - 7,896' (TOC). Sidetracked @ 8087'

**Liner:** ± 1,557' 4-1/2" 15.1 ppf P110 LTC blank x ± 2,414' 3-1/2" 9.3 ppf EUE 8rd 1/3 jts per/d

**Liner Hanger:** 7" x 5" Liner Hanger, Baker HMC hyd set w/ ZXP Liner Top Packer & 10' PBR w/top @ 7,012'

**Liner:** 3331, 3-1/2" 14.3 ppf P110 PH6

**Liner Hanger:** 7" x 3.5" Liner Hanger, Baker HMC hydraulic set w/ 10' tie-back receptacle w/top @ 8149'

**OH Packer:** Baker 6.5" x 4.5" hyd or swell, @ top of C.Ck, for cementing liner across salt, 1/3 perf liner below OH packer

**Cmt Slurry:** (salt CH 1/300' lap / 200' sbv hanger) 624' (30% OH excess) 115 sx Elastocem Prem, 15.8 ppg slurry, 1.28 yd/jt

**TOC:** 8149' est.

Whipstock window 8347'-8392' MD  
CIBP w/ PBTD - 8700' CC TD 10200' MD / 8674' TVD  
Collapsed casing in original Cane Ck Horiz, redrilled Cane Ck Horiz

**Historical Completion / Testing**

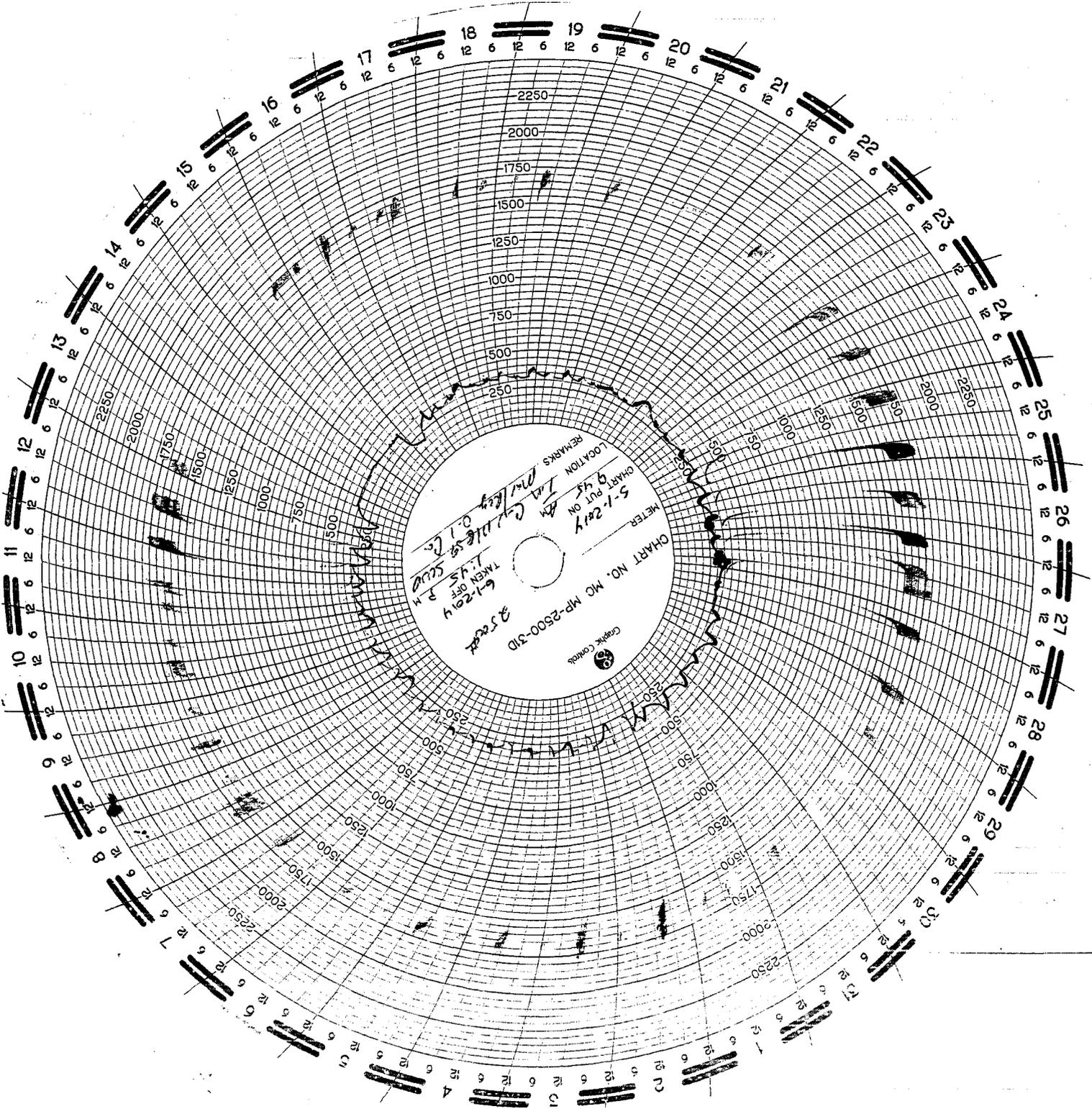
**Production Tests:** #1 Leadville Test, P&A with 60 sx Class G cement, 15.5 ppg slurry, 1.3 cfs yield. TOC @ +/- 8,700'.  
#2 Cane Ck Horizontal P&A w/ CIBP @ 7,553'  
#3 CB21 "O"

Greentown State 31-362216H							
Mechanical Integrity Demonstration							
Tubing, Casing, and Annulus Pressures							
Date	Tbg Press psi	Casing Press psi	Intermed #2 Press psi	Intermed #1 Press psi	Surface Press psi	Fluid Type & Character	Observations / Comments
10/06/09	n/a	4650					10/08/09: BPV installed in tbg hanger, VR plugs installed in csg valves
03/11/10	0	<1		dead	valve below ground level	- Tbg: none - Csg: < 1 psi, gas and slight blow - Inter #1: dead	- Tbg none - Csg 7" Inter #1 is 7"x9 5/8" ann - Surface is 9 5/8"x13 3/8"
<b>Analysis</b>							
Mechanical integrity is demonstrated by the significant difference in the 10/06/09 casing pressure and the 03/11/10 intermediate (7" x 9 5/8") pressure. Delta requests extension of TA status for this well.							

Entity Number: 15349  
Entity Name: SALT VALLEY ST 25-12  
Operator: PACIFIC ENERGY & MINING COMPANY

Entity Number	Report Period	Day Prod.	Oil Begin Inv	Oil Prod	Oil Transported	Oil End Inv	Oil Gravity	Water Production
15349	4/1/2013	4	46	3	0	49	0	30
15349	5/1/2013	8	49	10	0	59	0	90
15349	6/1/2013	4	59	8	0	67	0	76
15349	7/1/2013	1	67	0	0	67	0	4
15349	8/1/2013	1	67	2	0	69	0	20
15349	9/1/2013	2	69	3	0	72	0	18.5
15349	10/1/2013	1	72	3	0	75	0	19
15349	11/1/2013	2	75	2	0	77	0	22
15349	12/1/2013	2	77	2	0	79	0	27
15349	1/1/2014	0	79	0	0	79	0	0
15349	2/1/2014	0	79	0	0	79	0	0

Disposal well  
Tin Cup



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>1. TYPE OF WELL</b> Gas Well	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-50325
<b>2. NAME OF OPERATOR:</b> PACIFIC ENERGY & MINING COMPANY	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 18148 , Reno, NV, 89511	<b>7. UNIT or CA AGREEMENT NAME:</b> GREENTOWN
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1025 FNL 2290 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 36 Township: 22.0S Range: 16.0E Meridian: S	<b>8. WELL NAME and NUMBER:</b> GREENTOWN ST 31-362216H
<b>PHONE NUMBER:</b> 775 240-0769 Ext	<b>9. API NUMBER:</b> 43019315690000
<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT	<b>COUNTY:</b> GRAND
	<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/30/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="ROW"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

We are in the process of applying for the BLM ROW for a maximum 6 inch pipeline from this well to the Greentown 32-42 1A well interconnect

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 July 14, 2015

<b>NAME (PLEASE PRINT)</b> Tariq Ahmad	<b>PHONE NUMBER</b> 775 852-7444	<b>TITLE</b> Petroleum Engineer
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/24/2015	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-50325
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GREENTOWN
<b>2. NAME OF OPERATOR:</b> PACIFIC ENERGY & MINING COMPANY		<b>8. WELL NAME and NUMBER:</b> GREENTOWN ST 31-362216H
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 18148 , Reno, NV, 89511		<b>9. API NUMBER:</b> 43019315690000
<b>PHONE NUMBER:</b> 775 240-0769 Ext		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1025 FNL 2290 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 36 Township: 22.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> GRAND
		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/4/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="monitoring"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Field personnel visited the well site and found mechanical integrity has been demonstrated by no pressure on intermediate casing 7 x 9 5/8 annulus. There was not pressure on the casing. Pacific requests an extension of the Temporary abandonment status of this well. Currently there is no pipeline to the well, we will require BLM ROW to get the pipeline.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
July 28, 2015**

<b>NAME (PLEASE PRINT)</b> Tariq Ahmad	<b>PHONE NUMBER</b> 775 852-7444	<b>TITLE</b> Petroleum Engineer
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/17/2015	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME: GREENTOWN
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: GREENTOWN ST 31-362216H
2. NAME OF OPERATOR: PACIFIC ENERGY & MINING COMPANY	9. API NUMBER: 43019315690000
3. ADDRESS OF OPERATOR: P.O. Box 18148 , Reno, NV, 89511	PHONE NUMBER: 775 240-0769 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1025 FNL 2290 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 36 Township: 22.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: GRAND
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>6/22/2015</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: July 28, 2015  
 By: *D. K. Quist*

**Please Review Attached Conditions of Approval**

NAME (PLEASE PRINT) Tariq Ahmad	PHONE NUMBER 775 852-7444	TITLE Petroleum Engineer
SIGNATURE N/A	DATE 6/22/2015	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43019315690000**

**Pressure readings should be gathered on all casing strings on a periodic basis and reported to the Division on a monthly basis via sundry notice. The information should include the date of the pressure readings, casing valve, and pressure read and it should be presented in table format.**

**The approval is granted through 12/31/2015.**

**Greentown State 31-36221H**

Mechanical Integrity

BPV valves are installed in tubing hanger.

Vr Plugs installed in casing valves

7 Inch Production Casing

Intermediate No. 1 7" x 9 5/8 "

Surface 9 5/8 x 13 3/8 "

On October 2009 Casing pressure was 4650 psi

There is no pressure on the casing and intermediate both are dead.

Lack of pressure on the intermediate proves mechanical integrity, as if there was a casing leak between the two, there would be pressure on the intermediate.

Future Plans

Pacific has completed the pipeline to the Greentown 32-42 1A. The well is currently in test stage. The pipeline from the 32-42 1A to the Greentown State 31-36221H will be constructed after we receive the approval for the ROW.

The archeological and paleo reports have been completed. The surveys were done, we now have to file for the ROW. Since this well is downstream of the recently drilled 32-42 1A, we felt that we would place the 32-42 1A well on production prior to building the pipeline to the 31-36221H well.

Request for Temporary Shut In status

Based upon the above we have established well integrity and have provided our plans, we therefore request that the well be given Temporary Shut In Status until the pipeline is built.



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 18, 2016

CERTIFIED MAIL NO.: 7015 0640 0003 5275 9871

Mr. Tariq Ahmad  
Pacific Energy & Mining Company  
PO Box 18148  
Reno, NV 89511

43 019 31569  
Greentown St. 31-362216H  
36 22S 16E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Ahmad:

As of January 2016, Pacific Energy & Mining Company has two (2) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. The Greentown ST 31-362216H had a SI/TA extension that expired 12/31/2015. This approved extension also had an attached condition of approval which required that pressure readings should be gathered on all casing strings on a periodic basis and reported to the Division on a monthly basis via sundry notice. The information should include the date of the pressure readings, casing valve, and pressure read and it should be presented in table format. The required information was never submitted to the Division.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



Page 2  
Pacific Energy & Mining Company  
April 18, 2016

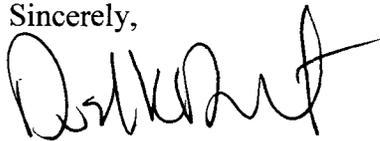
Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

**All Submittals should be sent via ePermit**

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/DD/js

cc: Compliance File  
Well File  
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# ATTACHMENT A



	<b>Well Name</b>	<b>API</b>	<b>LEASE</b>	<b>Years Inactive</b>
1	Greentown ST 31-362216H	43-019-31569	ML-50325	7 year(s) 8 month(s)
2	Greentown 32-42-1A	43-019-50031	ML 49122	1 year(s) 8 month(s)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50325
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: PACIFIC ENERGY & MINING COMPANY	7. UNIT or CA AGREEMENT NAME: GREENTOWN
3. ADDRESS OF OPERATOR: P.O. Box 18148 , Reno, NV, 89511	8. WELL NAME and NUMBER: GREENTOWN ST 31-362216H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1025 FNL 2290 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 36 Township: 22.0S Range: 16.0E Meridian: S	9. API NUMBER: 43019315690000
PHONE NUMBER: 775 240-0769 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: GRAND	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/25/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached information showing mechanical integrity and monthly tubing and casing pressure readings from 7/20/2015 to 4/1/2016. Operator is requesting extending temporary Shut In status for one year until the ROW for the gas pipeline to the well is approved and the gas pipeline is built.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: July 27, 2016  
 By: *Derek Duff*

**Please Review Attached Conditions of Approval**

<b>NAME (PLEASE PRINT)</b> Tariq Ahmad	<b>PHONE NUMBER</b> 775 852-7444	<b>TITLE</b> Petroleum Engineer
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/25/2016	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43019315690000**

**SI/TA extension valid through 4/1/2017. Continued monitoring of casing pressures shall be documented. Any changes should be reported to the Division immediately.**

**Sundry Notice Attachment**

**Notice of Intent 4/25/2016**

**Greentown State 31-362216HSundry**

Mechanical Integrity

BPV valves are installed in tubing hanger.  
Vr Plugs installed in casing valves  
7 inch Production Casing  
Intermediate No. 1 7" x 9-5/8"  
Surface 9 5/8" x 13 3/8"  
On October 2009 casing pressure was 4650 psi.  
There is no pressure on the casing and intermediate both are dead.

Greentown State 31-36221H  
Monthly Pressure Readings

S.N.	DATE	PRESSURE	PRESSURE
		TUBING	CASING
		PSI	PSI
1	7/20/2015	0	0
2	8/17/2015	0	0
3	9/14/2015	0	0
4	10/12/2015	0	0
5	11/9/2015	0	0
6	12/7/2015	0	0
7	1/5/2016	0	0
8	2/4/2016	0	0
9	3/1/2016	0	0
10	4/1/2016	0	0

Lack of pressure on the intermediate proves mechanical integrity as if there was a casing leak between the two there would be pressure on the intermediate.

Future Plans

Pacific has completed the pipeline to the Greentown 32-42 1A. The pipeline from the 32-42 1A to the Greentown State 31-362216H will be constructed after we receive the approval for the ROW. Pacific has filed for the ROW for the gas pipeline. Once the ROW is approved then construction will begin on the gas pipeline to the 31-362216H well.

Request for Temporary Shut In status

Based on the above we have established well integrity and have provided our plans we therefore request that the well be given Temporary Shut In status until the pipeline is built.