MILLER DYER & CO. LLC
475 Seventeenth Street, Suite 1200
Denver, Colorado 80202
P: 303-292-0949
F: 303-292-3901

February 1, 2008

Diana Mason
Utah Division of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Application for Permit to Drill
Ute Tribal #15-30-14-20 SWSE Section 30 T14S-R20E
Uintah County, Utah

Dear Ms. Mason:

Enclosed please find a copy of the APD for the Ute Tribal #15-30-14-20. This well will be drilled on Lease #U-019837 located on Ute Tribal Lands. Water for the drilling will come from Miller, Dyer & Co. existing water source well the Ute Tribal #30-4 located in NENW of Section 30-T14S-R20E.

Please do not hesitate to call me at (303)292-0949 ext 102 if you have any questions or need additional information.

Sincerely,

John E. Dyer
Manager

CC: BLM - 3

RECEIVED
FEB 04 2008
DIV. OF OIL, GAS & MINING

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

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: U-019837	6. SURFACE: Indian
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑	8. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: Miller, Dyer & Co., LLC	9. WELL NAME and NUMBER: Ute Tribal 15-30-14-20
3. ADDRESS OF OPERATOR: 475 17th St Suite 1200 CITY Denver STATE CO ZIP 80202 / PHONE NUMBER: (303) 292-0949	10. FIELD AND POOL, OR WILDCAT: Flat Rock (6DU)
4. LOCATION OF WELL (FOOTAGES) 610077X 4379955Y 39.564114 -109.718595 AT SURFACE: 381 FSL 2229 FEL AT PROPOSED PRODUCING ZONE: 522 FSL 1547 FEL 610285X 4380001Y 39.564500 -109.716170	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 30 14S 20E S
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: See Topo Map "A" (Attached)	12. COUNTY: Uintah / 13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
381	627.84	40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
1896	12,577	RLB0008085
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
7264 GR	6/1/2008	1 Month

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			
15-1/2"	13-3/8"	H-40	48#	200	Class G	79 sacks	1.15	15.8
12-1/4"	9-5/8"	J-55	36#	3,150	Class G & Hi-Fill	543 sacks	1.15 & 3.82	11 & 15.8
8-3/4"	5-1/2"	N-80	17# & 20#	12,577	Hi-Fill & Prem Lite	1270 sacks	1.73 & 3.84	13.5-11-15.8

25. **ATTACHMENTS**

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

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) John E. Dyer TITLE Manager

SIGNATURE _____ DATE 2/1/08

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED
FEB 04 2008
DIV. OF OIL, GAS & MINING

API NUMBER ASSIGNED: 43-047-39942

APPROVAL:

Date: 02-12-08

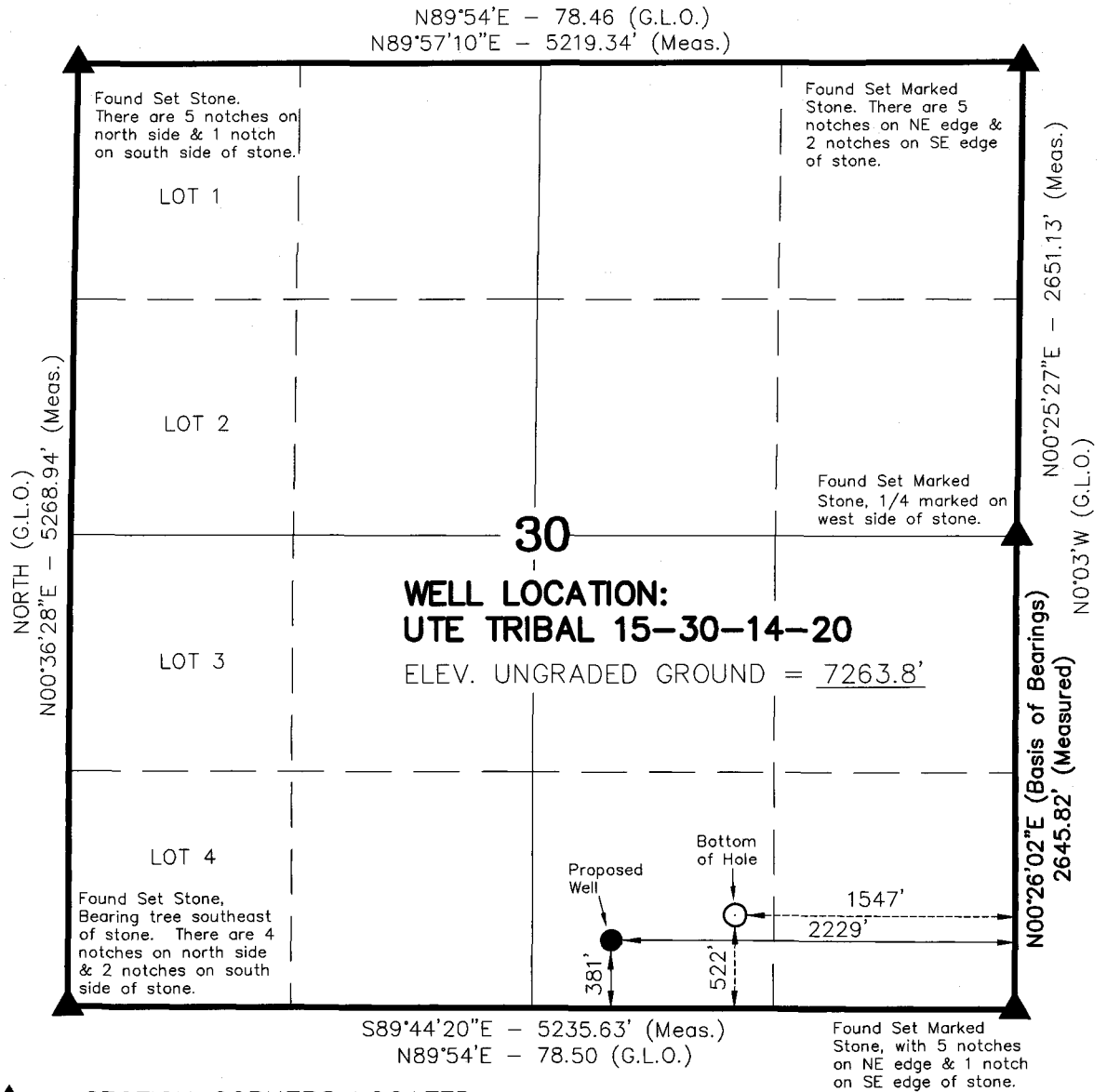
By: _____

(See Instructions on Reverse Side)

(11/2001)

Federal Approval of this Action is Necessary

T14S, R20E, S.L.B.&M.



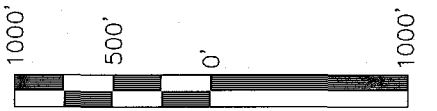
▲ = SECTION CORNERS LOCATED

UTE TRIBAL 15–30–14–20
(Bottom Hole) NAD 83 Autonomous
LATITUDE = 39° 33' 52.24"
LONGITUDE = 109° 43' 00.67"

UTE TRIBAL 15–30–14–20
(Surface Position) NAD 83 Autonomous
LATITUDE = 39° 33' 50.88"
LONGITUDE = 109° 43' 09.39"

MILLER, DYER & CO. LLC

WELL LOCATION, UTE TRIBAL 15–30–14–20, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 30, T14S, R20E, S.L.B.&M. UINTAH COUNTY, UTAH.



SCALE

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
3. Bearings are based on Global Positioning Satellite observations.
4. The proposed bottom hole bears N78°37'17"E 696.74' from the surface position.
5. BASIS OF ELEVATION IS BENCH MARK 60 WF 1952 LOCATED IN THE SW 1/4 OF SECTION 35, T14S, R20E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS SHOWN ON THE FLAT ROCK MESA 7.5 MIN. QUADRANGLE AS BEING 7363'.

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

REGISTERED LAND SURVEYOR No.362251 KOLBY R. KAY STATE OF UTAH

Kolby R. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH

TIMBERLINE (435) 789–1365
ENGINEERING & LAND SURVEYING, INC.
38 WEST 100 NORTH – VERNAL, UTAH 84078

DATE SURVEYED: 08–20–07	SURVEYED BY: B.J.S.	SHEET 2 OF 11
DATE DRAWN: 08–21–07	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	

DRILLING PLAN
MILLER, DYER & CO. LLC

Ute Tribal #15-30-14-20
SWSE Section 30 T14S-R20E

1. 1. **Estimated Formation Tops**

Estimated Formation Tops:	TVD	MD
Green River	Surface	Surface
Wasatch	1,935'	1,935'
Base High Resistivity	2,944'	2,944'
Mesaverde	4,090'	4,090'
Castlegate Sandstone	5,928'	5,928'
Mancos Shale	6,212'	6,212'
Dakota Sandstone	10,307'	10,384'
Cedar Mountain	10,462'	10,539'
Morrison	10,688'	10,765'
Curtis	11,215'	11,929'
Entrada Sandstone	11,294'	11,371'
Carmel	11,624'	11,701'
Wingate	11,773'	11,850'
Chinle	12,128'	12,205'
TD	12,500'	12,577'

2. **Estimated Depth and Thickness of Zones**

Tops	MD	Thickness	Anticipated Formation Contents
Wasatch	1,935	1000	Oil and/or gas anticipated > 3,000'
Mesaverde	4,090	500	Gas
Castlegate Sandstone	5,928	300	Gas
Dakota Sandstone	10,384	150	Gas
Cedar Mountain	10,539	200	Gas
Morrison	10,765	300	Gas
Entrada Sandstone	11,371	300	Gas
Wingate	11,850	500	Gas

3. **Pressure Control Equipment**

Schematic attached (Attachment "A")

Blow Out Preventer (BOP) will be equipped as follows:

A. Type: Eleven (11) inch double gate hydraulic 3,000 psi BOP plus a 3000 psi annular preventer mounted on a 3,000 psi casinghead.
    a. One set of blind rams (above)
    b. One set of pipe rams (below)
    c. Appropriate fill, kill and choke lines will be 3,000 psi working pressure

Note: The calculation of maximum anticipated surface pressure is detailed in Section 7. This calculation is based on the maximum anticipated bottom-hole pressure and a partially evacuated hole. According to this calculation, a 3000 psi BOP and annular preventer will be sufficient to drill this well safely. However, depending on the actual rig contracted for this well, a 5000 psi system may come with the rig. If so, all testing will be done to 5000 psi specifications.

B. Auxiliary Equipment:
Auxiliary equipment to include upper Kelly cock with a handle, a floor safety valve with subs to fit all drill string connections in use, and a string float valve.

C. Pressure Rating: 3,000 psi WP

D. Testing Procedure:

Hydraulic Ram-Type BOP

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack of 3,000 psi. This pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1) when the BOP is initially installed,
2) whenever any seal subject to test pressure is broken,
3) following related repairs, and
4) at thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but no more than once each day.

E. Choke Manifold Equipment:
All choke lines will be straight lines; turns will use tee blocks, or targeted running tees, and will be anchored to prevent whip and vibration. The manifold will have two (2) manual chokes and a pressure gauge.

F. Accumulator:
The accumulator will have sufficient capacity to open the hydraulically controlled choke line valve, if so equipped, close all rams plus the annular BOP, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity, and the fluid level of the reservoir will be maintained to the manufacturer's recommendations.

G. Miscellaneous Information:
The choke manifold and BOP ram extensions rods with hand wheels will be located outside the rig substructure. The hydraulic BOP closing unit will be located at least 25 feet from the well head, but readily accessible to the driller. Exact location and configuration of the hydraulic BOP closing unit will depend on the layout of the particular rig contracted to drill this well.

A flare line will be installed from the choke manifold to a flare pit, extending a minimum of 100 feet from the center of the drill hole.

The BOP and related pressure control equipment will be installed, tested and maintained in compliance with the specifications and requirements of the Onshore Oil and Gas Order Number 2.

Auxiliary Equipment

a. Kelly cock – Yes
b. Float sub at bit – No
c. Mud logger & instrumentation – Yes
d. Full-opening safety valve on rig floor – Yes
e. Rotating head – No

4. Casing Program

	Setting Depth	Hole Size	Casing O.D.	Grade	Weight/Ft.	Thread
Conductor	40'	26"	20"	Conductor	0.250" wall	
Surface	3,300'	12-1/4"	9-5/8"	J-55	36#	STC
Production	0'-1,300'	8-3/4"	5-1/2"	N-80	17#	Buttress
	1,300'-11,000'	8-3/4"	5-1/2"	N-80	17#	LTC
	11,000'-12,577'	8-3/4"	5-1/2"	P-110	17#	LTC

- Subject to review on the basis of actual conditions encountered. Production casing depth will be adjusted based on results.
- Depending on availability, 17#, P-110, LT&C may be substituted for the 17#, N-80, Buttress casing at the top of the production string.
- Casing design runs are shown for each casing string. See Attachment "B"

5. Cement Program

Conductor Casing: 0'-40'

Ready Mix to surface

Surface Casing: 0' – 3300'

Lead Cement:
0'-2800'
11.0 ppg Premium Lite II cement
10% bwoc Bentonite
0.5% bwoc Sodium Metasilicate
5 #/sk Kol Seal
0.25 #/sk Cello Flake
3% bwow Potassium Chloride
Cement yield = 3.38 ft3/sk w/ 20.5 gal/sk water
Annular volume (in open hole) = 2760' * 0.3132 ft3/ft = 864.4 ft3
Excess = 50%
Total volume (open hole) w/ excess = 864.4 ft3 * 1.50 = 1296.6 ft3
Annular volume (in conductor) = 40' * 1.5687 ft3/ft = 62.7 ft3
Excess = 0%
Total volume (open hole & conductor) = 1359 ft3

Lead Cement Requirement = 1359 ft3 / 3.38 ft3/sk = **403 sks**

Tail Cement:
2800'-3300' plus shoe joint
15.8 ppg Class G
2% bwoc Calcium Chloride
0.25 #/sk Cello Flake
Cement yield = 1.17 ft3/sk w/ 5 gal/sk water
Annular volume (in open hole) = 500' * 0.3132 ft3/ft = 156.6 ft3
Excess = 50%
Total volume (open hole) w/ excess = 156.6 ft3 * 1.50 = 234.9 ft3
Shoe volume = 40' * 0.4341 ft3/ft = 17.4 ft3
Excess (shoe) = 0%
Total volume (open hole & shoe) = 234.9 + 17.4 = 252 ft3

Tail Cement Requirement = 252 ft3 / 1.17 ft3/sk = **217 sks**

Displacement Volume:
3260' * 0.0773 bbl/ft = 252 bbls

Top Out Cement:
0-200' (displaced down backside w/ 1" string)
15.8 ppg Class G
2% bwoc Calcium Chloride
0.25 #/sk Cello Flake
Cement yield = 1.17 ft3/sk w/ 5 gal/sk water
Annular volume = 200' * 0.3132 ft3/ft = 62.6 ft3
Excess = 100%
Total volume w/ excess = 62.6 ft3 * 2.0 = 125.2 ft3
Top Out Cement Requirement = 125.2 ft3 / 1.17 ft3/sk = **107 sks**

Production Casing: 0'-12,500' (DV Tool @ 10,000')

Stage 1
Cement:
10,000'-12,577'
14.4 ppg 50:50 Poz (Fly Ash): Class G Cement (or equivalent)
0.05 #/sk Static Free
0.2% bwoc R-3
3% bwow Potassium Chloride
0.25 #/sk Cello Flake
0.9% bwoc FL-25
1 gal / 100 sk FP-6L
35% bwoc Silica Flour
0.2% bwoc BA-59
0.2% bwoc Bentonite
Cement yield = 1.65 ft3/sk w/ 7.12 gal/sk water
Annular volume = 2577' * 0.2526 ft3/ft = 651.0 ft3
Excess = 25%
Total volume w/ excess = 651.0 ft3 * 1.25 = 813.7 ft3
Shoe volume = 40' * 0.1305 ft3/ft = 5.2 ft3
Excess (shoe) = 0%
Total volume w/ excess (incl. shoe) = 813.7 + 5.2 = 819 ft3
Stage 1 Cement Requirement = 819 ft3 / 1.65 ft3/sk = **496 sks**

Displacement Volume:
(12,577'-40') * 0.0232 bbl/ft = 290.9 bbls

Stage 2 (DV tool to 500' inside surface casing)
Lead Cement:
2,800'-9,593'

11.2 ppg Premium Lite II cement (or equivalent)
3 #/sk CSE
0.3% bwoc R-3
3% bwow Potassium Chloride
10% bwoc Bentonite
0.2% bwoc Sodium Metasilicate
Cement yield = 3.15 ft3/sk w/ 19 gal/sk water
Volume inside surface casing = 500' * 0.2691 ft3/ft = 134.5 ft3
Excess = 0%
Annular volume = 6293' * 0.2526 ft3/ft = 1589.6 ft3
Excess = 25%
Annular volume w/ excess = 1589.6 ft3 * 1.25 = 1987.0 ft3
Total volume = 134.5 + 1987.0 = 2121.5 ft3
Lead Cement Requirement = 2121.5 ft3 / 3.15 ft3/sk = **674 sks**

Tail Cement:

9,593' – 10,000'
14.2 ppg 50:50 Poz (Fly Ash): Class G Cement (or equivalent)
0.05% bwoc Static Free
0.1% bwoc R-3
3% bwow Potassium Chloride
0.9% bwoc FL-25
1 gal / 100 sk FP-6L
2% bwoc Bentonite
0.2% bwoc Sodium Metasilicate
0.2% bwoc BA-59
Cement yield = 1.29 ft3/sk w/ 5.8 gal/sk water
Annular volume = 407' * 0.2526 ft3/ft = 102.8 ft3
Excess = 25%
Annular volume w/ excess = 102.8 ft3 * 1.25 = 128.5 ft3
Tail Cement Requirement = 100 sks

Displacement Volume:

10,000' * 0.0232 bbl/ft = 232 bbls

- A detailed cement program is included. See Attachment "C"

6. **Mud Program** (visual monitoring)

Interval	Mud Type	Weight	Viscosity	Fluid Loss
0'-2,400'	Water/Gel/Lime/Native Clays	8.3-8.6 ppg	33-36 sec/qt	N/C
2,400'-12,500'	KCl/Polymer or DAP/Polymer	9.0-9.3 ppg	38-42 sec/qt	8-10cc

Sufficient mud materials to maintain mud properties, control lost circulation, contain a "gas" kick, and rebuild an active mud system will be available on location during drilling operations.

7. **Testing, Logging, Coring**

a. Drill stem tests – non anticipated
b. Electric logs - DIL/SP/GR, FDC/CNL/CAL/PE/GR, BHC sonic/GR all from TD to surface
c. Coring – possible sidewall coring in the Dakota, Cedar Mountain, Morrison and Entrada.

8. **Anticipated Bottom Hole Pressure and Temperature, and other Potential Hazards**

A. Bottom Hole Pressure:

Maximum anticipated bottom hole pressure is 4,375 psi (calculated at 0.35 psi/ft. at the 12,500' (TVD) level of the Wingate). This pressure gradient was calculated from a bottom hole pressure buildup tests conducted on four separate wells located in Section 29, T14S-R20E. These wells are the closest wells to the subject well completed in the same deep zones. Therefore the maximum anticipated surface pressure is 1,625 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft.).

B. Bottom Hole Temperature:

The bottom hole temperature anticipated in this wellbore is approximately 230 degrees Fahrenheit at 12,500' TVD. This anticipated temperature is consistent with the temperatures encountered in the other four deep wells drilled in this area.

C. Abnormal Pressures or Temperatures:

As demonstrated above, no abnormal pressures or temperatures are anticipated in this well.

D. Potential Hazards:

No hydrogen sulfide (H_2S) gas or other potential hazards have been encountered or are known to exist in any well drilled to similar depths in the general area.

9. **Anticipated Starting Date and Duration**

Spud Date: Upon governmental approval and drilling rig availability

Duration of Operations:

1) Drilling: Approximately 40 days.
2) Completion: Approximately 30 days

Drilling Notification:

Prior to location construction, moving in the drilling rig and spudding the well, the Vernal field office of the BLM will be notified of our intentions to commence operations, unless otherwise instructed in the site specific conditions of approval.

SURFACE USE PLAN
MILLER, DYER & CO. LLC

Ute Tribal #15-30-14-20
SWSE Section 30 T14S-R20E

1. Existing Roads:
   a. Topographic Map "A" shows the vicinity of the well, including a portion of the Agency Draw Road. This road is reached from Ouray, Utah, by following the Seep Ridge Road south to Buck Canyon; taking the Buck Canyon road west to the Willow Creek Road; then north on the Willow Creek Road to Santio Crossing, which is at the junction of the Willow Creek Road and the Agency Draw Road.
   b. Topographic Map "B" shows the point approximately 53 miles south of Ouray where the access road to the well departs from the Agency Draw Road 3.1 miles north on the Flat Rock Mesa Road. Beyond this point the access road consists of 0.07 mile of new lease road leading to the Ute Tribal #15-30-14-20 location.

2. Planned Access Road: (refer to Topographic Map "D")
   a. Length of new road route will be approximately 0.07 mile.
   b. The right-of-way width is 55' (27.5' on either side of the centerline) with a 20-foot wide running surface.
   c. Maximum grade will be less than 2%
   d. No turn-outs are planned.
   e. The new road will be crowned, ditched and dipped to provide adequate drainage.
   f. Culverts will be used if necessary.
   g. No gates are cattle guards will be needed. Nor will any existing facilities be modified.
   h. The proposed road was flagged when the location was staked.
   i. The authorized officer will be contacted at least 24 hours in advance of commencement of construction of the access road and well pad.

3. Location of Existing Wells:
   a. The nearest producing well is the Ute Tribal #30-2A, located approximately 7264' east of the proposed well location in Section 30-T14S-R20E.

4. Location of Existing and/or Proposed Facilities:
   a. There are no existing facilities on the proposed well pad. All proposed facilities will be contained within the proposed location site (see attached "Location Layout"). Topographic Map "D" shows the proposed route for a gas line, to be co-located in the access road right-of-way, and connected to the Miller, Dyer & Co. LLC gathering system.
   b. The operator will submit information concerning proposed on and off well pad facilities once production has been established by applying for approval of subsequent operations.

5. Location and Type of Water Supply:
   a. Miller, Dyer & Co. existing water supply well the Ute Tribal 30-4A, located in the NENW Section 30-T14S-R20E on Indian surface has been approved by the Ute Indian Tribe. The existing BIA water permit number for the well is #14-20-H62-5069.
   b. Some produced water from existing wells may be used for drilling.
   c. Water will be transported by truck on the Agency Draw and Flat Rock Mesa roads.

6. Source of Construction Materials:
   a. It is anticipated that any construction materials will be needed for the drilling phase of this project. Gravel, shale or road base materials needed to upgrade access roads and well pad will be obtained from the operator's pit located on SITLA land near Chimney Rock.
   b. The entire well site and all access roads to be upgraded for built are located on lands held in trust by the federal government for the Ute Indian Tribe.
   c. All construction materials used in building the well pad and access road will be native materials accumulated during construction. In the event that additional materials are needed, they will be obtained from the operator's existing pit on SILTA land or from private sources.

7. Methods for Handling Waste Disposal:
   a. Methods and locations for safe containment and disposal of the following materials:
      1. Drill cuttings will be buried in the reserve pit.
      2. Garbage and trash will be contained in trash baskets and hauled to a sanitary landfill. There will be no burning of trash on the location at any time.
      3. Salts will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
      4. Chemicals will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
      5. Sewage waste will be contained in portable chemical toilets serviced by a commercial sanitary service.

   b. Drilling fluids will be contained in the reserve pit and mud tanks. To the extent possible, drilling fluids and water will be saved for use at future drilling locations. Unusable drilling fluids and water will be disposed of in an approved manner upon the completion of the well.

   c. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater that 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, of this well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used,

produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

d. Reserve pit and waste water disposal:
    1. The reserve pit will be constructed so as not to lead, break, or allow the discharge of fluids.
    2. The reserve pit will be lined with 12 mil plastic nylon reinforced liner installed over sufficient bedding material to cover any exposed rocks. The pit will be fenced on three sides with 39" net wire, topped with a minimum of one strand of barbed wire. All wire will be stretched prior to attachment to the corner posts. The fourth side will be fenced when drilling activities are completed to allow drying.
    3. The closure of the reserve pit will follow the Guidance for Reserve Pit Closure as found in the Environmental Handbook of the State of Utah, Division of Oil, Gas & Mining.
        a) The reserve pit will be closed within one year following drilling and completion of a well (R649-16.3).
        b) Liquid in a pit will be allowed to either evaporate or be removed. If removed, it will be disposed of properly, some options are injection (in this well or another), hauled to a permitted disposal facility, or re-used at another well.
        c) The pit liner may be cut off above the cuttings/mud level and hauled to a landfill, or folded in and processed along with other pit contents and covered. No remnants of liner material will be exposed at the surface when pit closure is complete. Pit area will be mounded so as not to allow ponding of water and drainage diverted around as not to allow erosion of the old pit site.
    4. A closed drilling system will not be used as there is no irrigable land, floodplains, or lands under crop production.
    5. In accordance with Onshore Order No. 7, a permanent disposal method and location will be applied for within 90 days of establishing production.
    6. After first production:
        a) Produced waste water will be confined to the reserve pit, or a storage tank for a period not to exceed 90 days.
        b) During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis will be submitted to the authorized officer.
        c) No produced water will be used for dust or weed control of any kind. Should spills of oil, produced water, or hazardous materials occur, the area of the spill will be re-mediated and contaminated soil and recovered oil or hazardous materials will be hauled to an approved disposal facility.

8. Ancillary Facilities:

a. No airstrips will be built. Mobile living quarters and office facilities for supervisors, geologists, mud engineers, mud loggers and air compressor personnel will be confined to the drilling location as shown on the "Location Layout" diagram. The drilling crew will be housed on location.

9. Well Site Layout:
   a. Refer to attached "Typical Cross Section" diagram for cuts and fills and relation to topography.
   b. Refer to "Location Layout" diagram for location of mud tanks, reserve and flare pits, pipe racks, living facilities and top soil stockpiles.
   c. Refer to "Location Layout" diagram for rig orientation, access road and parking area. Parking area will be in the northeast corner of the location.

10. Plans for Restoration of the Surface:
   a. Producing well location
      1. Immediately upon well completion the location and surrounding area will be cleared of all tubing, equipment, debris, materials, trash and junk not required for production.
      2. Immediately upon well completion any hydrocarbons on the reserve pit will be removed and disposed of properly.
      3. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days of the date of well completion, or as soon thereafter as is practical. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc removed. The liner will be perforated and torn prior to backfilling.
      4. Access roads will be graded and maintained to prevent erosion and accommodate year-round traffic.
      5. All disturbed areas not needed for operations will be seeded with the mixture required by the BIA in the manner specified by the BIA.

   b. Dry Hole/Abandoned Location
      1. At such time as it is determined that the well is to be plugged and abandoned, the operator will submit a subsequent report of abandonment to the BLM and the BIA. The BLM will attach plugging conditions of approval, and the BIA will attach conditions of approval for the restoration of the surface.

11. Surface Ownership:
   a. Access roads and location are held in trust for the Ute Indian Tribe by the Unites States. The operator has obtained a right-of-way with the BIA and submitted payment for damages as specified in its Exploration and Development Agreement with the Ute Indian Tribe.

12. Additional Information:

a. The operator will inform all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and will inform the assigned monitor and the authorized officer (AO) at the BIA. Within five working days the AO will inform the operator as to:
    1. Whether the materials appear to be eligible for the National Register of Historic Places;
    2. The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
    3. A time frame for the AO to complete an expedited review under 36 CFR 900.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

b. If the operator wishes at any time to relocate activities to avoid the cost of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will be allowed to resume construction.
c. At the request of the Ute Indian Tribe, a 30'-wide fire break will be bladed around the perimeter of the location.

Bonding:

Please be advised that Miller, Dyer & Co. LLC is considered to be the operator of the Ute Tribal #15-30-14-20 well; SWSE of Section 30, T14S-R20E Uintah County, Utah; and all producing zones; and is responsible for the operations conducted upon the leased lands. Bond coverage is provided by Certificate of Deposit #UTB000058.

Operator's Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operation conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

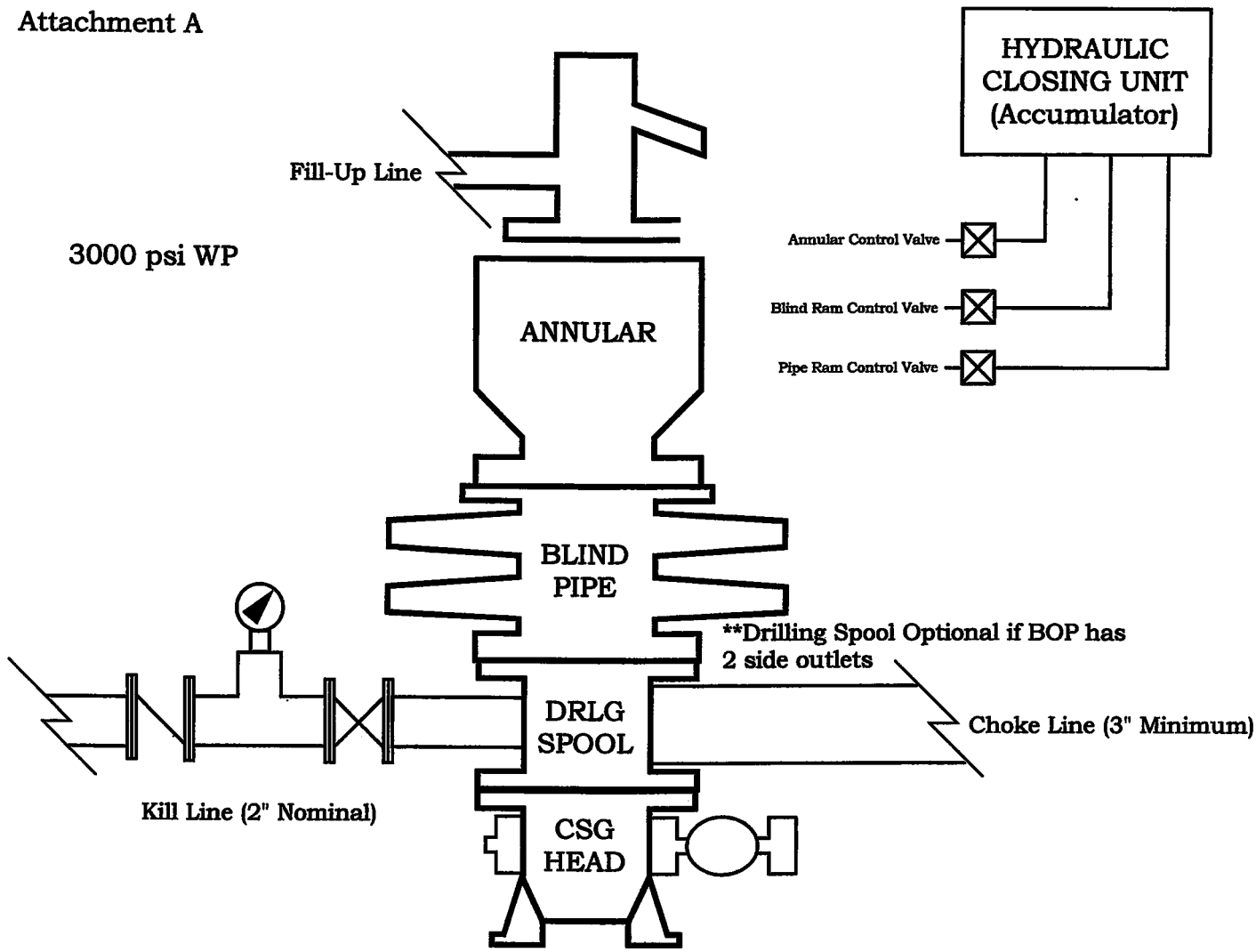
Executed this 1ST day of FEBRUARY, 2008.

John E. Dyer
Manager
Miller, Dyer & Co. LLC
475 17th Street, Suite 1200
Denver, CO 80202
Office: 303 292 0949 Ext 103
FAX: 303 292 3901
Cell: 303 898 4430
Email: john@millerdyer.com

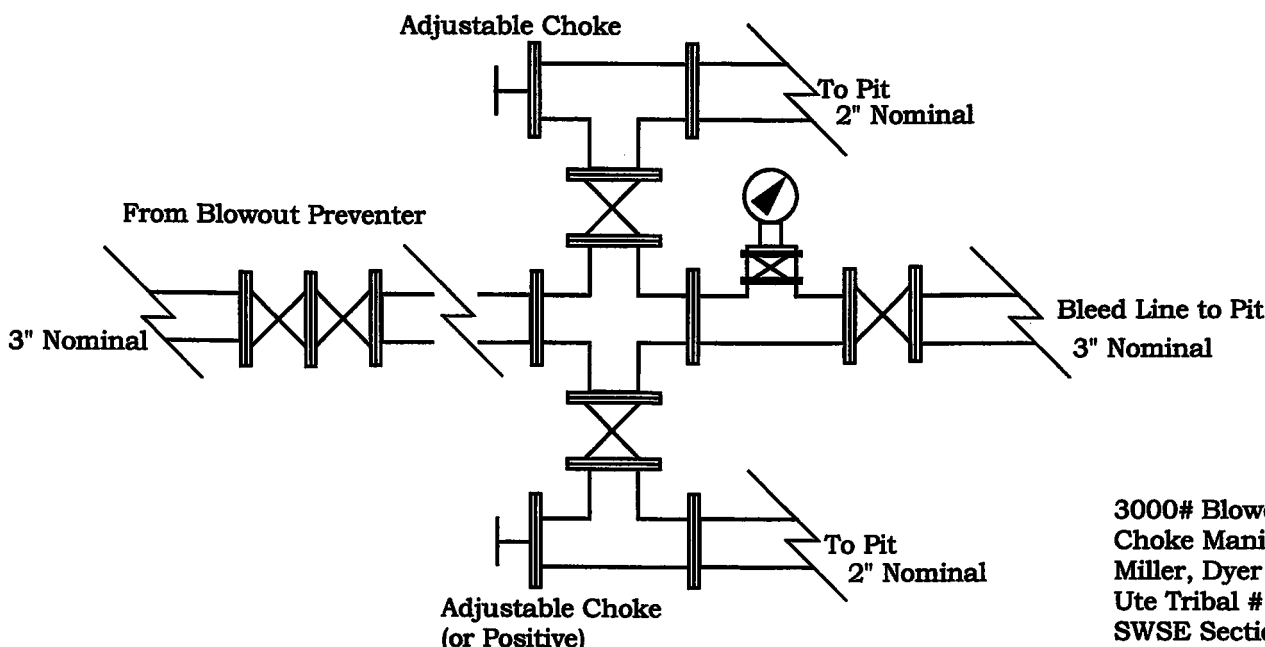
John E. Dyer
Manager

The Onsite Inspection for this well was conducted September 20, 2007 before the APD was submitted to the BLM.

Attachment A



Choke Manifold Requirement (3000 psi WP)



3000# Blowout Preventer &
Choke Manifold Schematic
Miller, Dyer & Co. LLC
Ute Tribal #15-30-14-20
SWSE Section 30 T14S-R20E
Uintah County, Utah

Date: 09-26-2007 16:42

U. S. STEEL GENERATED CHECK STRING DESIGN

CASING COMBINATION DESIGN NO	C01560
SUBMITTED BY	Jeff Lang
CUSTOMER	Miller, Dyer & Co. LLC
OUTSIDE DIAMETER	9.625
MUD WEIGHT	9.300
SOUR SERVICE	NO

ITEM NUMBER	LENGTH FEET	ZONE FEET	WEIGHT LB/FT	GRADE	JOINT TYPE	SECTION WEIGHT LB	TOTAL WEIGHT LB
1	3300	0-3300	36	J-55	SHORT ROUND	118800	118800

********** SAFETY-FACTORS **********					
ITEM NUMBER	EXTERNAL PRESSURE COLLAPSE	TENSION YIELD STRENGTH	TENSION ULTIMATE STRENGTH	INTERNAL YIELD PRESSURE	LEAK RESISTANCE
TARGET	1.125	1.250	1.800	1.000	1.000
1	1.268	3.757	3.313	2.208	5.309

Note: Safety Factors for Internal Yield Pressure (Pipe or joint) and Leak Resistance are based on an Internal Pressure of 1594 PSI.

Date: 01-28-2008 16:39

U. S. STEEL GENERATED CHECK STRING DESIGN

CASING COMBINATION DESIGN NO	C01587
SUBMITTED BY	Jeff Lang
CUSTOMER	Miller, Dyer & Co. LLC
OUTSIDE DIAMETER	5.500
MUD WEIGHT	9.300
SOUR SERVICE	NO

ITEM NUMBER	LENGTH FEET	ZONE FEET	WEIGHT LB/FT	GRADE	JOINT TYPE	SECTION WEIGHT LB	TOTAL WEIGHT LB
1	1300	0-1300	17	N-80	BUTTRESS	22100	213809
2	9700	1300-11000	17	N-80	LONG ROUND	164900	191709
3	1577	11000-12577	17	P-110	LONG ROUND	26809	26809

********** SAFETY-FACTORS **********					
ITEM NUMBER	**EXTERNAL PRESSURE COLLAPSE**	**TENSION YIELD STRENGTH**	**TENSION ULTIMATE STRENGTH**	**INTERNAL YIELD PRESSURE**	**LEAK RESISTANCE**
TARGET	1.125	1.250	1.800	1.000	1.000
1	7.657	1.857	2.087	1.274	2.650
2	1.157	1.564	1.813	1.274	2.167
3	1.231	15.375	16.598	1.751	2.167

Note: Safety Factors for Internal Yield Pressure (Pipe or joint) and Leak Resistance are based on an Internal Pressure of 6075 PSI.

Date: 01-28-2008 16:43

U. S. STEEL GENERATED CHECK STRING DESIGN

CASING COMBINATION DESIGN NO	C01588
SUBMITTED BY	Jeff Lang
CUSTOMER	Miller, Dyer & Co. LLC
OUTSIDE DIAMETER	5.500
MUD WEIGHT	9.300
SOUR SERVICE	NO

ITEM NUMBER	LENGTH FEET	ZONE FEET	WEIGHT LB/FT	GRADE	JOINT TYPE	SECTION WEIGHT LB	TOTAL WEIGHT LB
1	1300	0-1300	17	P-110	LONG ROUND	22100	213809
2	9700	1300-11000	17	N-80	LONG ROUND	164900	191709
3	1577	11000-12577	17	P-110	LONG ROUND	26809	26809

********** SAFETY-FACTORS **********					
ITEM NUMBER	**EXTERNAL PRESSURE COLLAPSE**	**TENSION YIELD STRENGTH**	**TENSION ULTIMATE STRENGTH**	**INTERNAL YIELD PRESSURE**	**LEAK RESISTANCE**
TARGET	1.125	1.250	1.800	1.000	1.000
1	10.414	1.928	2.081	1.751	2.167
2	1.157	1.564	1.813	1.274	2.167
3	1.231	15.375	16.598	1.751	2.167

Note: Safety Factors for Internal Yield Pressure (Pipe or joint) and Leak Resistance are based on an Internal Pressure of 6075 PSI.

Weatherford International, Ltd.
PLAN REPORT

Company:	MILLER, DYER & CO.	**Date:** 1/23/2008	**Time:** 16:58:46	**Page:**	1
Field:	UINTAH COUNTY, UTAH	**Co-ordinate(NE) Reference:**	Site: UT 15-30-14-20, True North		
Site:	UT 15-30-14-20	**Vertical (TVD) Reference:**	Mean Sea Level 0.0		
Well:	UT 15-30-14-20	**Section (VS) Reference:**	Well (0.00N,0.00E,78.59Azi)		
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Field: UINTAH COUNTY, UTAH

Map System:	US State Plane Coordinate System 1983	**Map Zone:**	Utah, Central Zone
Geo Datum:	GRS 1980	**Coordinate System:**	Site Centre
Sys Datum:	Mean Sea Level	**Geomagnetic Model:**	bggm2007

Site: UT 15-30-14-20

Site Position:		**Northing:**	7014976.13 ft	**Latitude:**	39 33 50.880	N
From:	Geographic	**Easting:**	2142393.36 ft	**Longitude:**	109 43 9.390	W
Position Uncertainty:	0.00 ft			**North Reference:**	True	
Ground Level:	0.00 ft			**Grid Convergence:**	1.14 deg	

Well: UT 15-30-14-20 **Slot Name:**

Well Position:	+N/-S	0.00 ft	**Northing:**	7014976.13 ft	**Latitude:**	39 33 50.880	N
	+E/-W	0.00 ft	**Easting :**	2142393.36 ft	**Longitude:**	109 43 9.390	W
Position Uncertainty:		0.00 ft					

Wellpath: 1 **Drilled From:** Surface
Tie-on Depth: 0.00 ft

Current Datum:	SITE	**Height** 7260.00 ft	**Above System Datum:** Mean Sea Level
Magnetic Data:	1/23/2008		**Declination:** 11.56 deg
Field Strength:	52430 nT		**Mag Dip Angle:** 65.56 deg

Vertical Section:	**Depth From (TVD)** ft	**+N/-S** ft	**+E/-W** ft	**Direction** deg
	10200.00	0.00	0.00	78.59

Plan:	Plan #1	**Date Composed:**	1/23/2008
		Version:	1
Principal:	Yes	**Tied-to:**	From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	78.59	-7260.00	0.00	0.00	0.00	0.00	0.00	0.00	
6500.00	0.00	78.59	-760.00	0.00	0.00	0.00	0.00	0.00	78.59	
7449.37	14.24	78.59	179.62	23.23	115.05	1.50	1.50	0.00	78.59	
9327.84	14.24	78.59	2000.38	114.66	568.01	0.00	0.00	0.00	0.00	
10277.21	0.00	78.59	2940.00	137.89	683.06	1.50	-1.50	0.00	180.00	Dakota Silt
12577.21	0.00	78.59	5240.00	137.89	683.06	0.00	0.00	0.00	78.59	

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
250.00	0.00	78.59	-7010.00	0.00	0.00	0.00	0.00	0.00	0.00	
350.00	0.00	78.59	-6910.00	0.00	0.00	0.00	0.00	0.00	0.00	
450.00	0.00	78.59	-6810.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	78.59	-6710.00	0.00	0.00	0.00	0.00	0.00	0.00	
650.00	0.00	78.59	-6610.00	0.00	0.00	0.00	0.00	0.00	0.00	
750.00	0.00	78.59	-6510.00	0.00	0.00	0.00	0.00	0.00	0.00	
850.00	0.00	78.59	-6410.00	0.00	0.00	0.00	0.00	0.00	0.00	
950.00	0.00	78.59	-6310.00	0.00	0.00	0.00	0.00	0.00	0.00	
1050.00	0.00	78.59	-6210.00	0.00	0.00	0.00	0.00	0.00	0.00	
1150.00	0.00	78.59	-6110.00	0.00	0.00	0.00	0.00	0.00	0.00	
1250.00	0.00	78.59	-6010.00	0.00	0.00	0.00	0.00	0.00	0.00	
1350.00	0.00	78.59	-5910.00	0.00	0.00	0.00	0.00	0.00	0.00	
1450.00	0.00	78.59	-5810.00	0.00	0.00	0.00	0.00	0.00	0.00	
1550.00	0.00	78.59	-5710.00	0.00	0.00	0.00	0.00	0.00	0.00	
1650.00	0.00	78.59	-5610.00	0.00	0.00	0.00	0.00	0.00	0.00	

Weatherford International, Ltd.
PLAN REPORT

Company:	MILLER, DYER & CO.	**Date:** 1/23/2008	**Time:** 16:58:46	**Page:**	2
Field:	UINTAH COUNTY, UTAH	**Co-ordinate(NE) Reference:**	Site: UT 15-30-14-20, True North		
Site:	UT 15-30-14-20	**Vertical (TVD) Reference:**	Mean Sea Level 0.0		
Well:	UT 15-30-14-20	**Section (VS) Reference:**	Well (0.00N,0.00E,78.59Azi)		
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
1750.00	0.00	78.59	-5510.00	0.00	0.00	0.00	0.00	0.00	0.00	
1850.00	0.00	78.59	-5410.00	0.00	0.00	0.00	0.00	0.00	0.00	
1935.00	0.00	78.59	-5325.00	0.00	0.00	0.00	0.00	0.00	0.00	Wasatch
1950.00	0.00	78.59	-5310.00	0.00	0.00	0.00	0.00	0.00	0.00	
2050.00	0.00	78.59	-5210.00	0.00	0.00	0.00	0.00	0.00	0.00	
2150.00	0.00	78.59	-5110.00	0.00	0.00	0.00	0.00	0.00	0.00	
2250.00	0.00	78.59	-5010.00	0.00	0.00	0.00	0.00	0.00	0.00	
2350.00	0.00	78.59	-4910.00	0.00	0.00	0.00	0.00	0.00	0.00	
2450.00	0.00	78.59	-4810.00	0.00	0.00	0.00	0.00	0.00	0.00	
2550.00	0.00	78.59	-4710.00	0.00	0.00	0.00	0.00	0.00	0.00	
2650.00	0.00	78.59	-4610.00	0.00	0.00	0.00	0.00	0.00	0.00	
2750.00	0.00	78.59	-4510.00	0.00	0.00	0.00	0.00	0.00	0.00	
2850.00	0.00	78.59	-4410.00	0.00	0.00	0.00	0.00	0.00	0.00	
2944.00	0.00	78.59	-4316.00	0.00	0.00	0.00	0.00	0.00	0.00	Base High Resistivit
2950.00	0.00	78.59	-4310.00	0.00	0.00	0.00	0.00	0.00	0.00	
3050.00	0.00	78.59	-4210.00	0.00	0.00	0.00	0.00	0.00	0.00	
3150.00	0.00	78.59	-4110.00	0.00	0.00	0.00	0.00	0.00	0.00	
3250.00	0.00	78.59	-4010.00	0.00	0.00	0.00	0.00	0.00	0.00	
3350.00	0.00	78.59	-3910.00	0.00	0.00	0.00	0.00	0.00	0.00	
3450.00	0.00	78.59	-3810.00	0.00	0.00	0.00	0.00	0.00	0.00	
3550.00	0.00	78.59	-3710.00	0.00	0.00	0.00	0.00	0.00	0.00	
3650.00	0.00	78.59	-3610.00	0.00	0.00	0.00	0.00	0.00	0.00	
3750.00	0.00	78.59	-3510.00	0.00	0.00	0.00	0.00	0.00	0.00	
3850.00	0.00	78.59	-3410.00	0.00	0.00	0.00	0.00	0.00	0.00	
3950.00	0.00	78.59	-3310.00	0.00	0.00	0.00	0.00	0.00	0.00	
4050.00	0.00	78.59	-3210.00	0.00	0.00	0.00	0.00	0.00	0.00	
4090.00	0.00	78.59	-3170.00	0.00	0.00	0.00	0.00	0.00	0.00	Mesaverde
4150.00	0.00	78.59	-3110.00	0.00	0.00	0.00	0.00	0.00	0.00	
4250.00	0.00	78.59	-3010.00	0.00	0.00	0.00	0.00	0.00	0.00	
4350.00	0.00	78.59	-2910.00	0.00	0.00	0.00	0.00	0.00	0.00	
4450.00	0.00	78.59	-2810.00	0.00	0.00	0.00	0.00	0.00	0.00	
4550.00	0.00	78.59	-2710.00	0.00	0.00	0.00	0.00	0.00	0.00	
4650.00	0.00	78.59	-2610.00	0.00	0.00	0.00	0.00	0.00	0.00	
4750.00	0.00	78.59	-2510.00	0.00	0.00	0.00	0.00	0.00	0.00	
4850.00	0.00	78.59	-2410.00	0.00	0.00	0.00	0.00	0.00	0.00	
4950.00	0.00	78.59	-2310.00	0.00	0.00	0.00	0.00	0.00	0.00	
5050.00	0.00	78.59	-2210.00	0.00	0.00	0.00	0.00	0.00	0.00	
5150.00	0.00	78.59	-2110.00	0.00	0.00	0.00	0.00	0.00	0.00	
5250.00	0.00	78.59	-2010.00	0.00	0.00	0.00	0.00	0.00	0.00	
5350.00	0.00	78.59	-1910.00	0.00	0.00	0.00	0.00	0.00	0.00	
5450.00	0.00	78.59	-1810.00	0.00	0.00	0.00	0.00	0.00	0.00	
5550.00	0.00	78.59	-1710.00	0.00	0.00	0.00	0.00	0.00	0.00	
5650.00	0.00	78.59	-1610.00	0.00	0.00	0.00	0.00	0.00	0.00	
5750.00	0.00	78.59	-1510.00	0.00	0.00	0.00	0.00	0.00	0.00	
5850.00	0.00	78.59	-1410.00	0.00	0.00	0.00	0.00	0.00	0.00	
5928.00	0.00	78.59	-1332.00	0.00	0.00	0.00	0.00	0.00	0.00	Castlegate Sandstone
5950.00	0.00	78.59	-1310.00	0.00	0.00	0.00	0.00	0.00	0.00	
6050.00	0.00	78.59	-1210.00	0.00	0.00	0.00	0.00	0.00	0.00	
6150.00	0.00	78.59	-1110.00	0.00	0.00	0.00	0.00	0.00	0.00	
6212.00	0.00	78.59	-1048.00	0.00	0.00	0.00	0.00	0.00	0.00	Mancos Shale
6250.00	0.00	78.59	-1010.00	0.00	0.00	0.00	0.00	0.00	0.00	
6350.00	0.00	78.59	-910.00	0.00	0.00	0.00	0.00	0.00	0.00	
6450.00	0.00	78.59	-810.00	0.00	0.00	0.00	0.00	0.00	0.00	

Weatherford International, Ltd.
PLAN REPORT

Company:	MILLER, DYER & CO.	**Date:** 1/23/2008	**Time:** 16:58:46	**Page:**	3
Field:	UINTAH COUNTY, UTAH	**Co-ordinate(NE) Reference:**	Site: UT 15-30-14-20, True North		
Site:	UT 15-30-14-20	**Vertical (TVD) Reference:**	Mean Sea Level 0.0		
Well:	UT 15-30-14-20	**Section (VS) Reference:**	Well (0.00N,0.00E,78.59Azi)		
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
6500.00	0.00	78.59	-760.00	0.00	0.00	0.00	0.00	0.00	0.00	
6550.00	0.75	78.59	-710.00	0.06	0.32	0.33	1.50	1.50	0.00	
6650.00	2.25	78.59	-610.04	0.58	2.89	2.94	1.50	1.50	0.00	
6750.00	3.75	78.59	-510.18	1.62	8.02	8.18	1.50	1.50	0.00	
6850.00	5.25	78.59	-410.49	3.17	15.71	16.02	1.50	1.50	0.00	
6950.00	6.75	78.59	-311.04	5.24	25.95	26.48	1.50	1.50	0.00	
7050.00	8.25	78.59	-211.90	7.82	38.75	39.53	1.50	1.50	0.00	
7150.00	9.75	78.59	-113.13	10.92	54.08	55.17	1.50	1.50	0.00	
7250.00	11.25	78.59	-14.81	14.52	71.94	73.39	1.50	1.50	0.00	
7350.00	12.75	78.59	83.00	18.64	92.32	94.19	1.50	1.50	0.00	
7450.00	14.24	78.59	180.24	23.26	115.21	117.53	1.49	1.49	0.00	
7550.00	14.24	78.59	277.16	28.12	139.32	142.13	0.00	0.00	0.00	
7650.00	14.24	78.59	374.09	32.99	163.43	166.73	0.00	0.00	0.00	
7750.00	14.24	78.59	471.02	37.86	187.54	191.33	0.00	0.00	0.00	
7850.00	14.24	78.59	567.94	42.73	211.66	215.93	0.00	0.00	0.00	
7950.00	14.24	78.59	664.87	47.60	235.77	240.53	0.00	0.00	0.00	
8050.00	14.24	78.59	761.80	52.46	259.88	265.12	0.00	0.00	0.00	
8150.00	14.24	78.59	858.73	57.33	284.00	289.72	0.00	0.00	0.00	
8250.00	14.24	78.59	955.65	62.20	308.11	314.32	0.00	0.00	0.00	
8350.00	14.24	78.59	1052.58	67.07	332.22	338.92	0.00	0.00	0.00	
8450.00	14.24	78.59	1149.51	71.93	356.33	363.52	0.00	0.00	0.00	
8550.00	14.24	78.59	1246.44	76.80	380.45	388.12	0.00	0.00	0.00	
8650.00	14.24	78.59	1343.36	81.67	404.56	412.72	0.00	0.00	0.00	
8750.00	14.24	78.59	1440.29	86.54	428.67	437.32	0.00	0.00	0.00	
8850.00	14.24	78.59	1537.22	91.40	452.79	461.92	0.00	0.00	0.00	
8950.00	14.24	78.59	1634.14	96.27	476.90	486.52	0.00	0.00	0.00	
9050.00	14.24	78.59	1731.07	101.14	501.01	511.12	0.00	0.00	0.00	
9150.00	14.24	78.59	1828.00	106.01	525.12	535.72	0.00	0.00	0.00	
9250.00	14.24	78.59	1924.93	110.88	549.24	560.32	0.00	0.00	0.00	
9327.84	14.24	78.59	2000.38	114.66	568.01	579.47	0.00	0.00	0.00	
9350.00	13.91	78.59	2021.87	115.73	573.29	584.85	1.50	-1.50	0.00	
9450.00	12.41	78.59	2119.24	120.23	595.60	607.62	1.50	-1.50	0.00	
9550.00	10.91	78.59	2217.17	124.23	615.41	627.82	1.50	-1.50	0.00	
9650.00	9.41	78.59	2315.60	127.72	632.70	645.46	1.50	-1.50	0.00	
9750.00	7.91	78.59	2414.46	130.70	647.45	660.51	1.50	-1.50	0.00	
9850.00	6.41	78.59	2513.68	133.17	659.67	672.97	1.50	-1.50	0.00	
9950.00	4.91	78.59	2613.19	135.12	669.33	682.83	1.50	-1.50	0.00	
10050.00	3.41	78.59	2712.92	136.55	676.44	690.08	1.50	-1.50	0.00	
10150.00	1.91	78.59	2812.81	137.47	680.98	694.72	1.50	-1.50	0.00	
10250.00	0.41	78.59	2912.79	137.87	682.96	696.74	1.50	-1.50	0.00	
10277.21	0.00	78.59	2940.00	137.89	683.06	696.84	1.50	-1.50	0.00	Dakota Silt
10350.00	0.00	78.59	3012.79	137.89	683.06	696.84	0.00	0.00	0.00	
10384.21	0.00	78.59	3047.00	137.89	683.06	696.84	0.00	0.00	0.00	Dakota Sandstone
10450.00	0.00	78.59	3112.79	137.89	683.06	696.84	0.00	0.00	0.00	
10539.21	0.00	78.59	3202.00	137.89	683.06	696.84	0.00	0.00	0.00	Cedar Mountain
10550.00	0.00	78.59	3212.79	137.89	683.06	696.84	0.00	0.00	0.00	
10650.00	0.00	78.59	3312.79	137.89	683.06	696.84	0.00	0.00	0.00	
10750.00	0.00	78.59	3412.79	137.89	683.06	696.84	0.00	0.00	0.00	
10765.21	0.00	78.59	3428.00	137.89	683.06	696.84	0.00	0.00	0.00	Morrison
10850.00	0.00	78.59	3512.79	137.89	683.06	696.84	0.00	0.00	0.00	
10950.00	0.00	78.59	3612.79	137.89	683.06	696.84	0.00	0.00	0.00	
11050.00	0.00	78.59	3712.79	137.89	683.06	696.84	0.00	0.00	0.00	

Weatherford International, Ltd.
PLAN REPORT

Company:	MILLER, DYER & CO.	**Date:** 1/23/2008	**Time:** 16:58:46	**Page:**	4
Field:	UINTAH COUNTY, UTAH	**Co-ordinate(NE) Reference:**	Site: UT 15-30-14-20, True North		
Site:	UT 15-30-14-20	**Vertical (TVD) Reference:**	Mean Sea Level 0.0		
Well:	UT 15-30-14-20	**Section (VS) Reference:**	Well (0.00N,0.00E,78.59Azi)		
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
11150.00	0.00	78.59	3812.79	137.89	683.06	696.84	0.00	0.00	0.00	
11250.00	0.00	78.59	3912.79	137.89	683.06	696.84	0.00	0.00	0.00	
11292.21	0.00	78.59	3955.00	137.89	683.06	696.84	0.00	0.00	0.00	Curtis
11350.00	0.00	78.59	4012.79	137.89	683.06	696.84	0.00	0.00	0.00	
11371.21	0.00	78.59	4034.00	137.89	683.06	696.84	0.00	0.00	0.00	Entrada Sandstone
11450.00	0.00	78.59	4112.79	137.89	683.06	696.84	0.00	0.00	0.00	
11550.00	0.00	78.59	4212.79	137.89	683.06	696.84	0.00	0.00	0.00	
11650.00	0.00	78.59	4312.79	137.89	683.06	696.84	0.00	0.00	0.00	
11701.21	0.00	78.59	4364.00	137.89	683.06	696.84	0.00	0.00	0.00	Carmel
11750.00	0.00	78.59	4412.79	137.89	683.06	696.84	0.00	0.00	0.00	
11850.00	0.00	78.59	4512.79	137.89	683.06	696.84	0.00	0.00	0.00	
11850.21	0.00	78.59	4513.00	137.89	683.06	696.84	0.00	0.00	0.00	Wingate
11950.00	0.00	78.59	4612.79	137.89	683.06	696.84	0.00	0.00	0.00	
12050.00	0.00	78.59	4712.79	137.89	683.06	696.84	0.00	0.00	0.00	
12150.00	0.00	78.59	4812.79	137.89	683.06	696.84	0.00	0.00	0.00	
12205.21	0.00	78.59	4868.00	137.89	683.06	696.84	0.00	0.00	0.00	Chinle
12250.00	0.00	78.59	4912.79	137.89	683.06	696.84	0.00	0.00	0.00	
12350.00	0.00	78.59	5012.79	137.89	683.06	696.84	0.00	0.00	0.00	
12450.00	0.00	78.59	5112.79	137.89	683.06	696.84	0.00	0.00	0.00	
12550.00	0.00	78.59	5212.79	137.89	683.06	696.84	0.00	0.00	0.00	
12577.21	0.00	78.59	5240.00	137.89	683.06	696.84	0.00	0.00	0.00	

Annotation

MD	TVD

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<— Latitude —> Deg	Min	Sec	<— Longitude —> Deg	Min	Sec
Dakota Silt -Circle (Radius: 200) -Plan hit target			2940.00	137.89	683.06	7015127.59	2143073.54	39	33	52.243 N	109	43	0.667 W

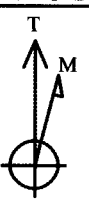
MILLER, DYER & CO, LLC

UTE TRIBAL 15-30-14-20
SHL 381' FSL & 2229' FEL
SEC 30-T14S-R19E
UINTAH COUNTY, UTAH

Weatherford

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	78.59	0.00	0.00	0.00	0.00	0.00	0.00	
2	6500.00	0.00	78.59	6500.00	0.00	0.00	0.00	78.59	0.00	
3	7449.37	14.24	78.59	7439.62	23.23	115.05	1.50	78.59	117.37	
4	9327.84	14.24	78.59	9260.38	114.66	568.01	0.00	0.00	579.47	
5	10277.21	0.00	78.59	10200.00	137.89	683.06	1.50	180.00	696.84	Dakota Silt
6	12577.21	0.00	78.59	12500.00	137.89	683.06	0.00	78.59	696.84	



Azimuths to True North
Magnetic North: 11.56°

Magnetic Field
Strength: 52430nT
Dip Angle: 65.56°
Date: 1/23/2008
Model: bggm2007

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Dakota Silt	10200.00	137.89	683.06	Circle (Radius: 200)

CASING DETAILS

No.	TVD	MD	Name	Size

No casings on this wellpath.

FIELD DETAILS

UINTAH COUNTY, UTAH

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: bggm2007

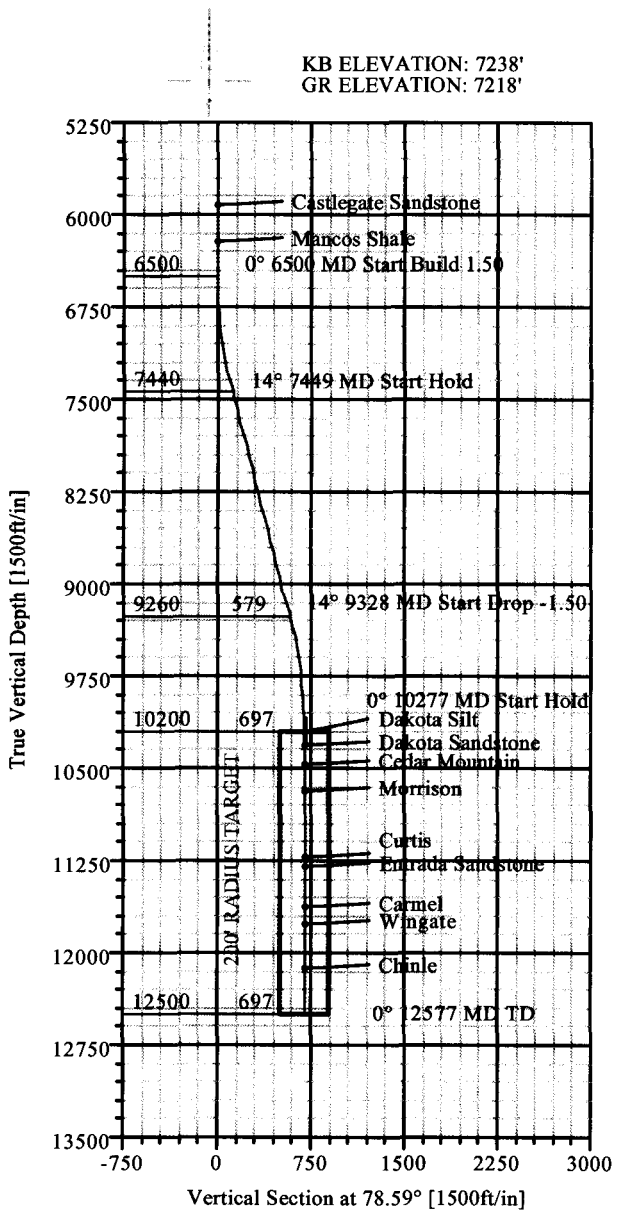
System Datum: Mean Sea Level
Local North: True North

SITE DETAILS

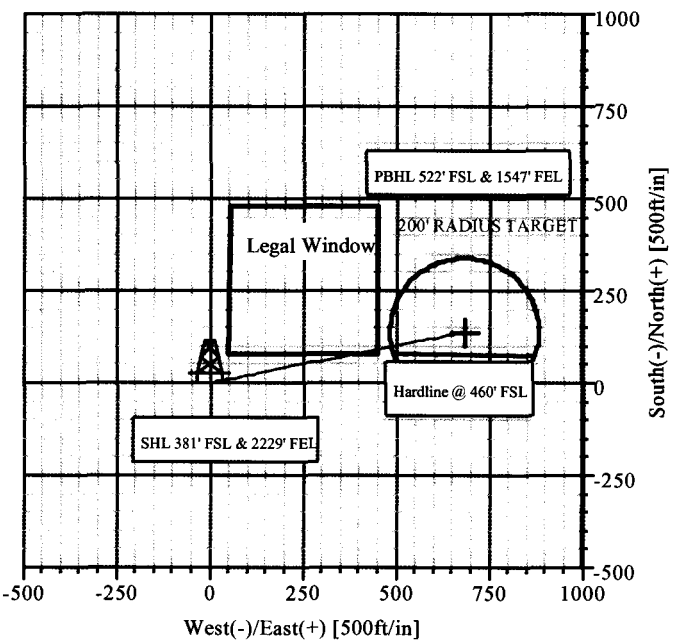
UT 15-30-14-20

Site Centre Latitude: 39°33'50.880N
Longitude: 109°43'09.390W

Water Depth: 0.00
Positional Uncertainty: 0.00
Convergence: 1.14



SEC. 25 SEC. 30



Plan: Plan #1 (UT 15-30-14-20/1)
Created By: TRACY WILLIAMS Date: 1/23/2008

PHOTO VIEW: FROM PIT CORNER "D" TO LOCATION STAKE CAMERA ANGLE: SOUTHWESTERLY

PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD CAMERA ANGLE: SOUTHWESTERLY

MILLER, DYER & CO. LLC

Ute Tribal 15-30-14-20
SECTION 30, T14S, R20E, S.L.B.&M.
381' FSL & 2229' FEL (Surface)

LOCATION PHOTOS		DATE TAKEN: 08-20-07
		DATE DRAWN: 08-23-07
TAKEN BY: B.J.S.	DRAWN BY: M.W.W.	REVISED:

Timberline (435) 789-1365
Engineering & Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

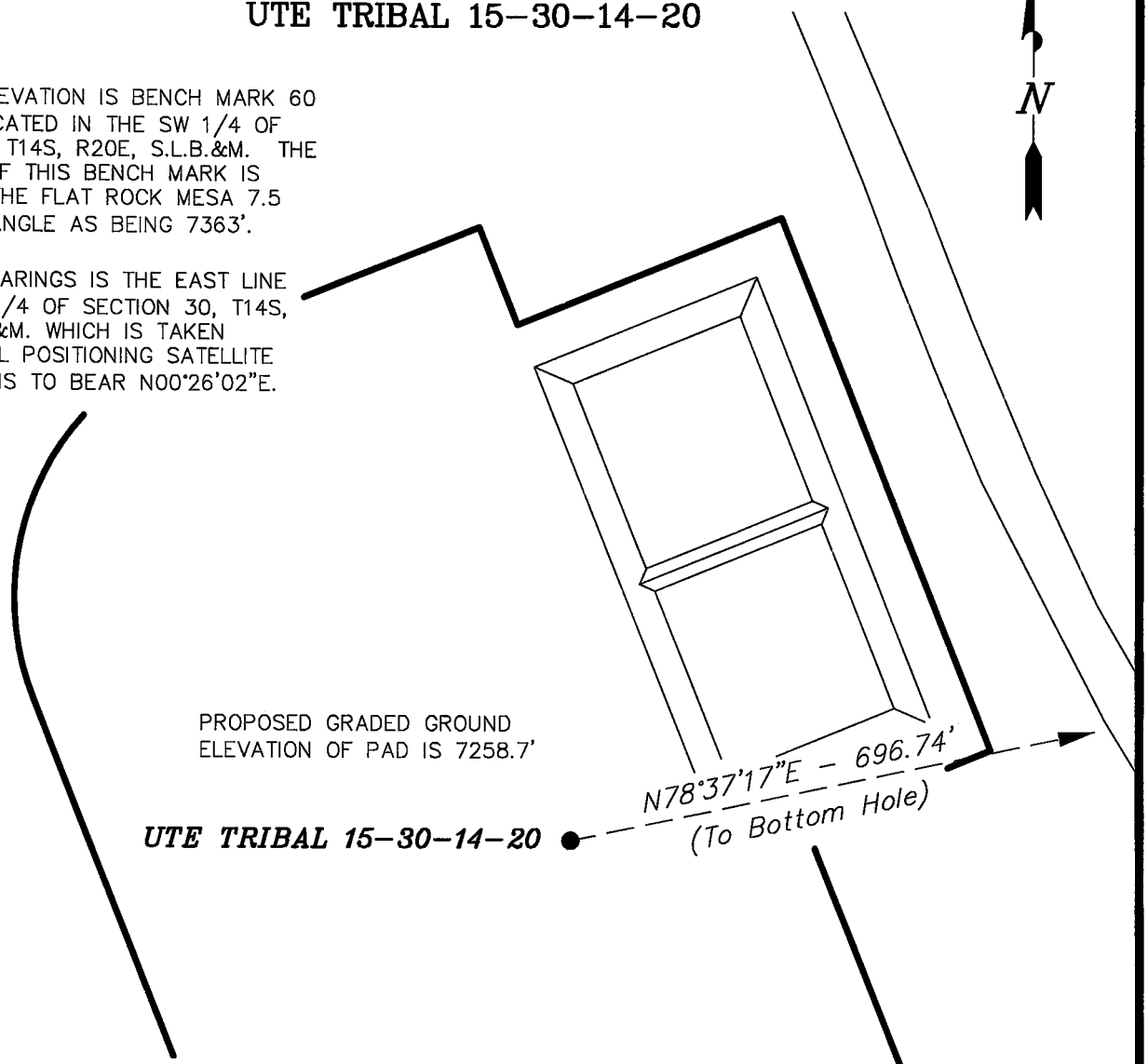
MILLER, DYER & CO. LLC

WELL PAD INTERFERENCE PLAT

UTE TRIBAL 15-30-14-20

BASIS OF ELEVATION IS BENCH MARK 60 WF 1952 LOCATED IN THE SW 1/4 OF SECTION 35, T14S, R20E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS SHOWN ON THE FLAT ROCK MESA 7.5 MIN. QUADRANGLE AS BEING 7363'.

BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SECTION 30, T14S, R20E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°26'02"E.



RELATIVE COORDINATES
From Surface Position to Bottom Hole

WELL	NORTH	EAST
15-30-14-20	137'	683'

LATITUDE & LONGITUDE
Surface Position - (NAD 83) Autonomous

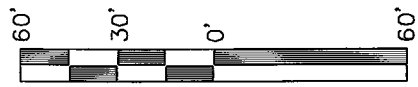
WELL	N. LATITUDE	W. LONGITUDE
15-30-14-20	39°33'50.88"	109°43'09.39"

LATITUDE & LONGITUDE
Bottom Hole - (NAD 83) Autonomous

WELL	N. LATITUDE	W. LONGITUDE
15-30-14-20	39°33'52.24"	109°43'00.67"

SURFACE POSITION FOOTAGES:
UTE TRIBAL 15-30-14-20
381' FSL & 2229' FEL

BOTTOM HOLE FOOTAGES
UTE TRIBAL 15-30-14-20
522' FSL & 1547' FEL



SCALE

Section 30, T14S, R20E, S.L.B.&M. | Qtr/Qtr Location: SW SE

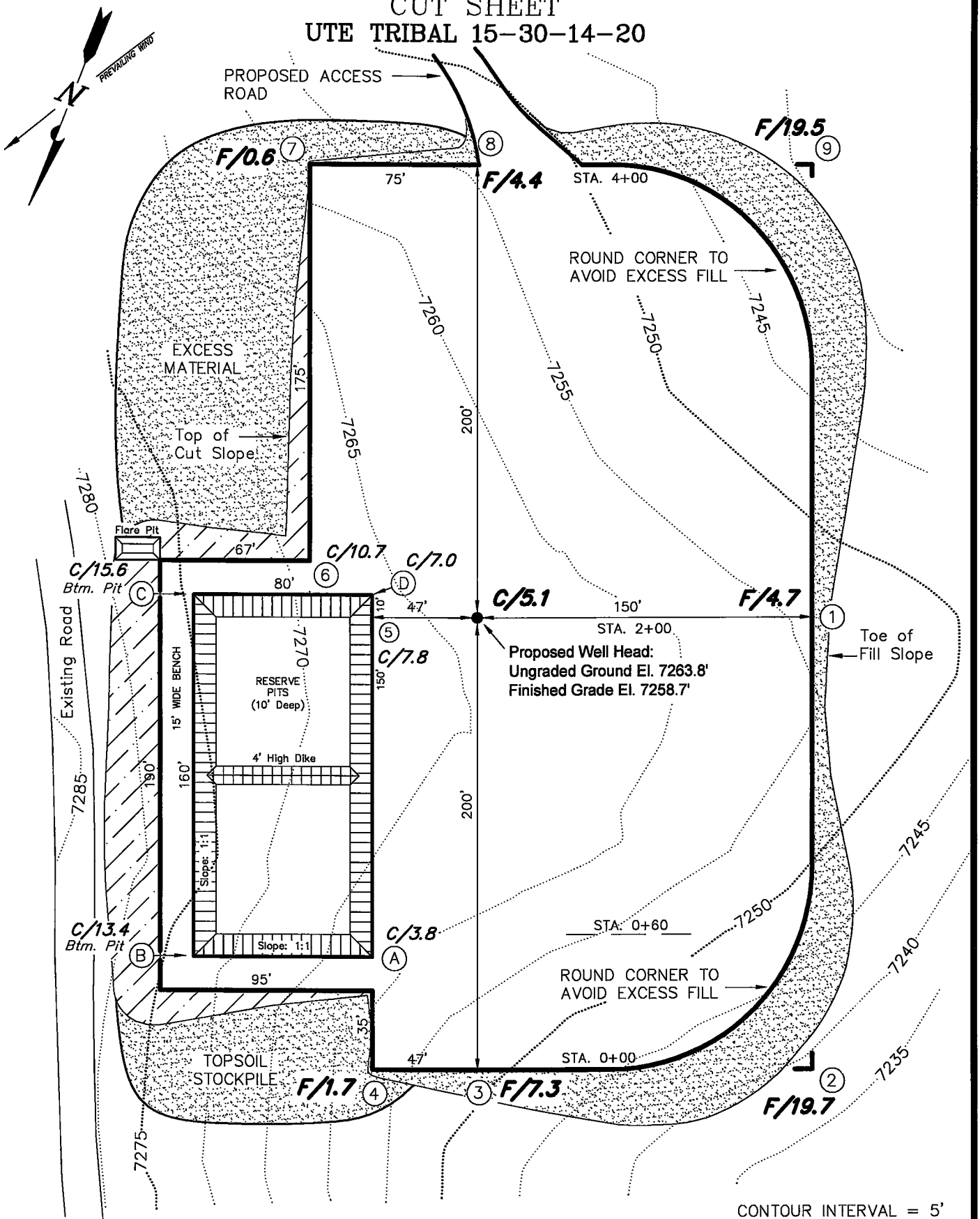
Date Surveyed: 08-20-07	Date Drawn: 08-22-07	Date Last Revision:
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'

Timberline (435) 789-1365
Engineering & Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

MILLER, DYER & CO. LLC

CUT SHEET

UTE TRIBAL 15-30-14-20



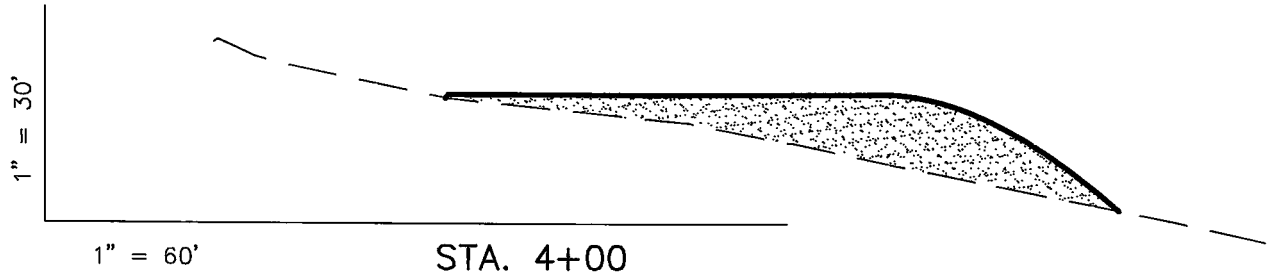
CONTOUR INTERVAL = 5'

Section 30, T14S, R20E, S.L.B.&M.	Qtr/Qtr Location: SW SE			
Date Surveyed: 08-20-07	Date Drawn: 08-22-07	Date Last Revision:	*Timberline* (435) 789-1365 *Engineering & Land Surveying, Inc.* 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 4 OF 11
Surveyed By: B.J.S..	Drawn By: M.W.W.	Scale: 1" = 60'		

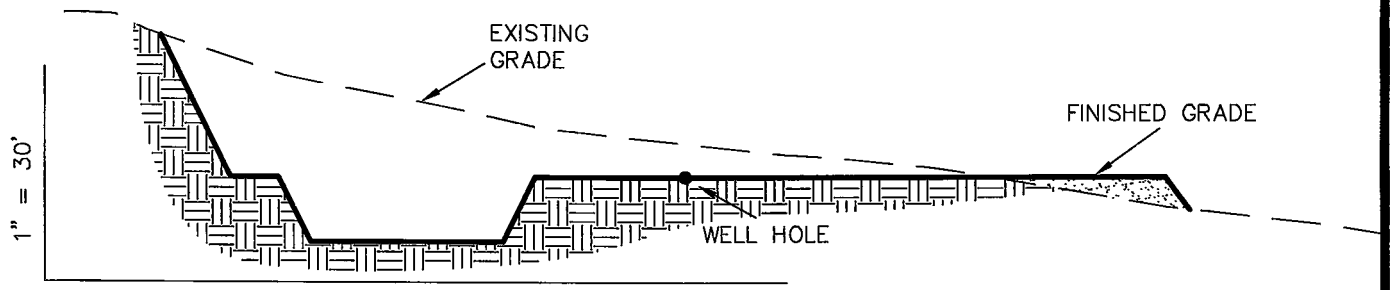
MILLER, DYER & CO. LLC

CROSS SECTIONS

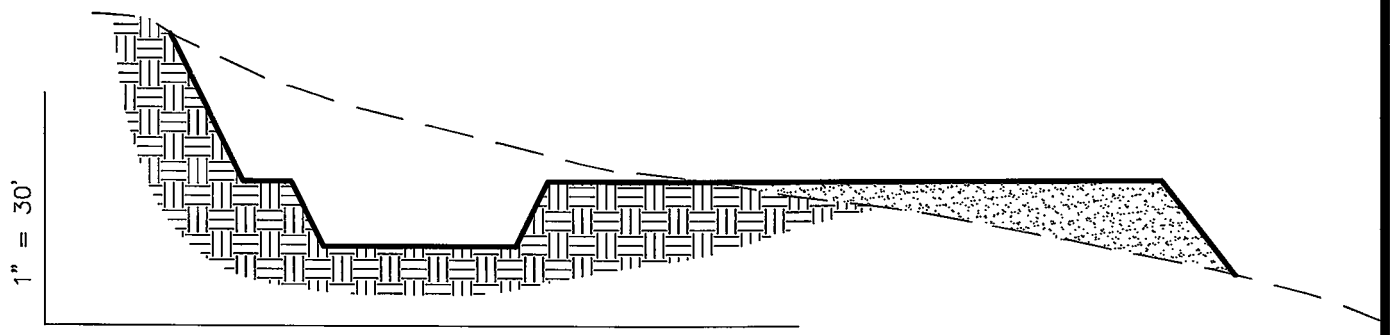
UTE TRIBAL 15-30-14-20



STA. 4+00

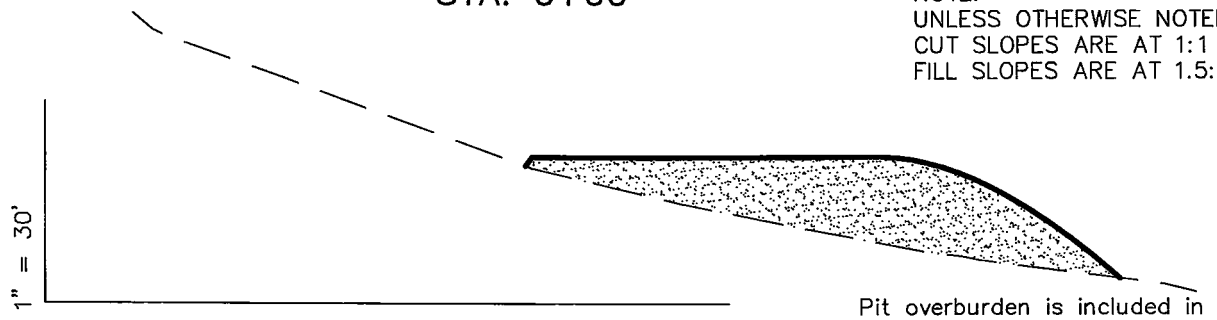


STA. 2+00



STA. 0+60

NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1



STA. 0+00

REFERENCE POINTS

250' NORTHWESTERLY = 7246.9'
300' NORTHWESTERLY = 7246.4'
200' SOUTHWESTERLY = 7251.3'
250' SOUTHWESTERLY = 7247.2'

Pit overburden is included in pad cut.

ESTIMATED EARTHWORK QUANTITIES
(No shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

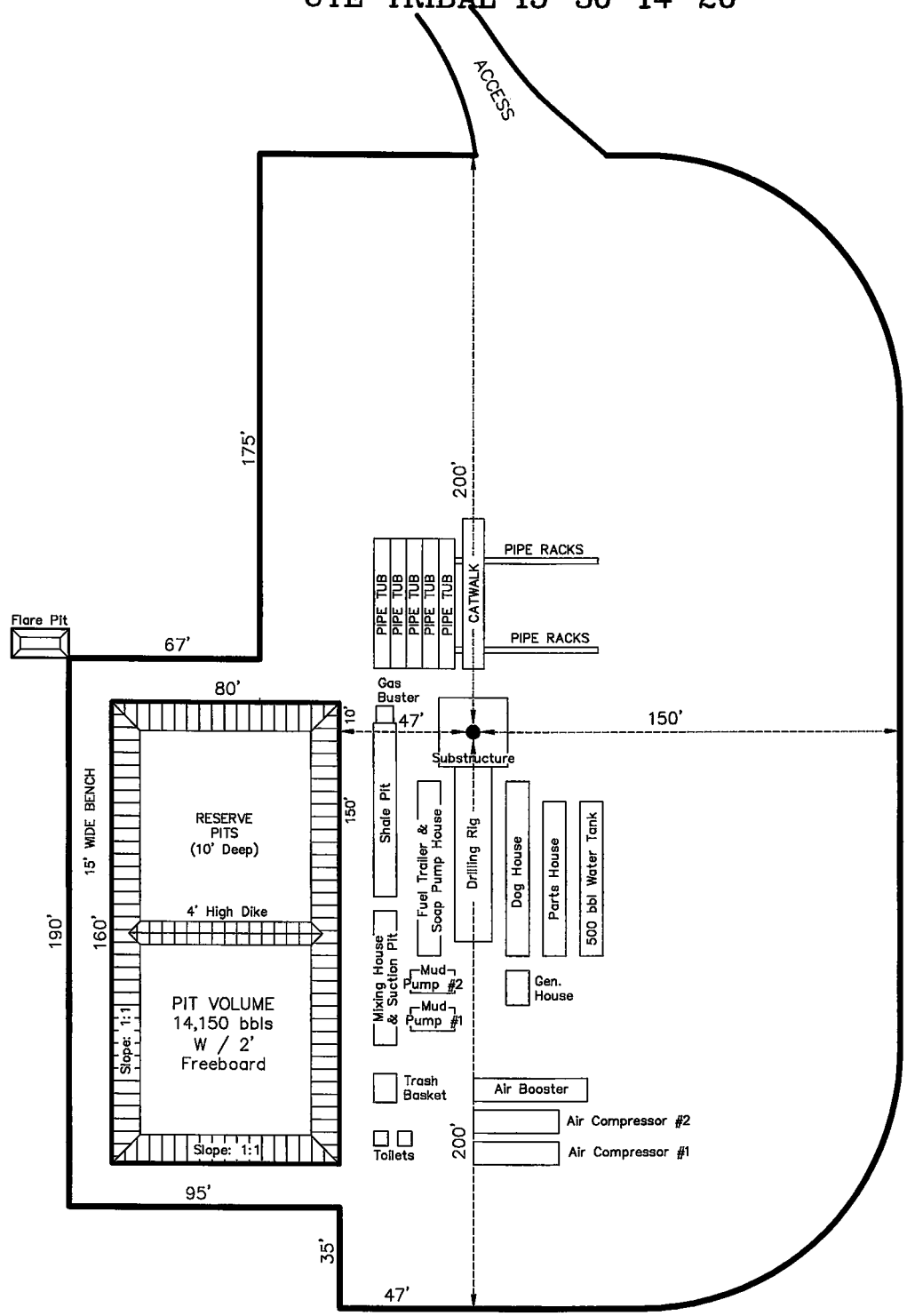
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	14,200	14,200	Topsoil is not included in Pad Cut	0
PIT	3,850	0		3,850
TOTALS	18,050	14,200	1,880	3,850

Excess Material after Pit Rehabilitation = 0 Cu. Yds.

Section 30, T14S, R20E, S.L.B.&M.		Qtr/Qtr Location: SW SE		
Date Surveyed: 08-20-07	Date Drawn: 08-22-07	Date Last Revision:	Timberline (435) 789-1365 Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 5 OF 11
Surveyed By: B.J.S..	Drawn By: M.W.W.	Scale: 1" = 60'		

MILLER, DYER & CO. LLC

TYPICAL RIG LAYOUT
UTE TRIBAL 15-30-14-20

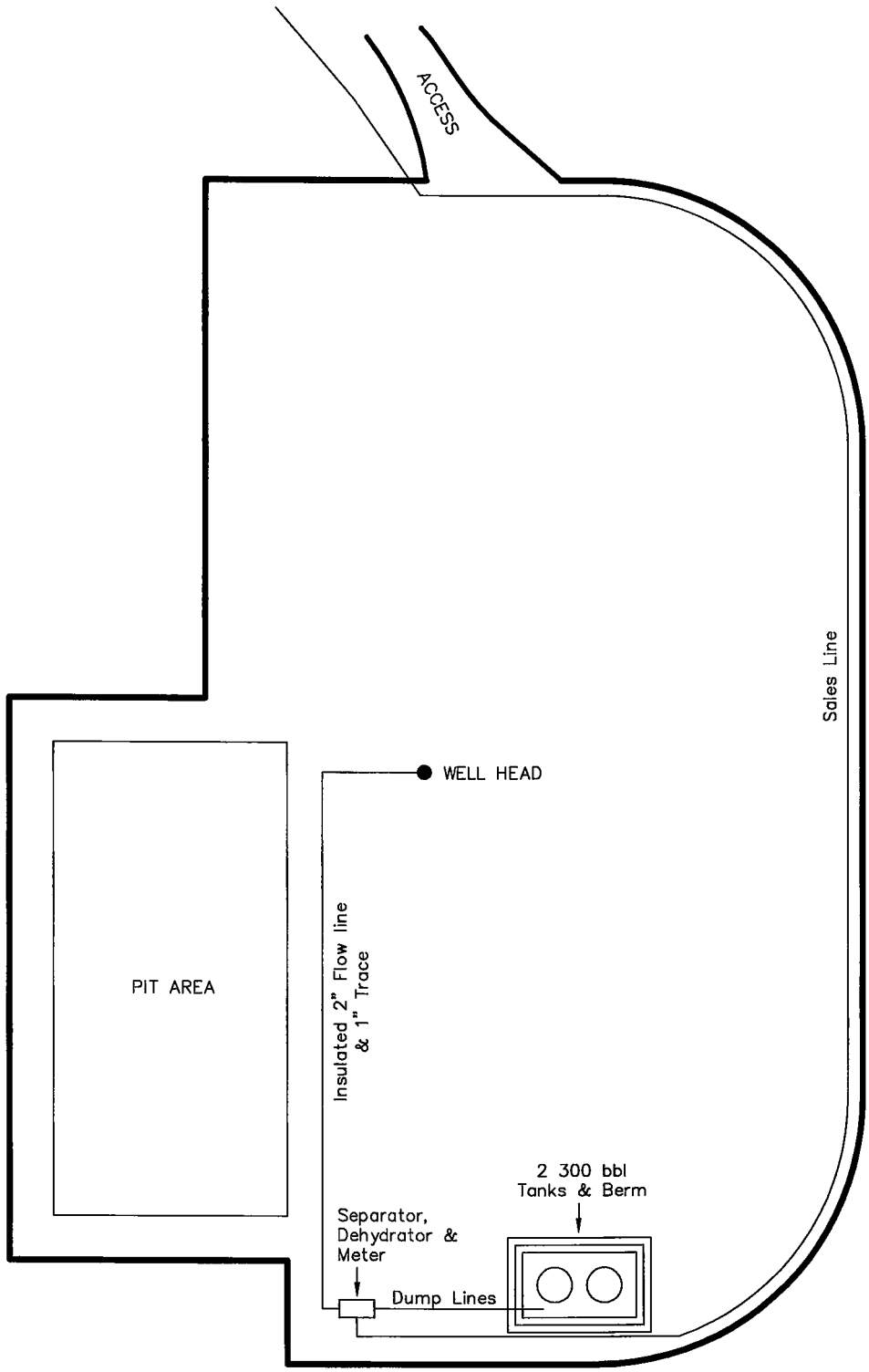


Section 30, T14S, R20E, S.L.B.&M.	Qtr/Qtr Location: SW SE			
Date Surveyed: 08-20-07	Date Drawn: 08-22-07	Date Last Revision:	Timberline Engineering & Land Surveying, Inc. (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 6 OF 11
Surveyed By: B.J.S..	Drawn By: M.W.W.	Scale: 1" = 60'		

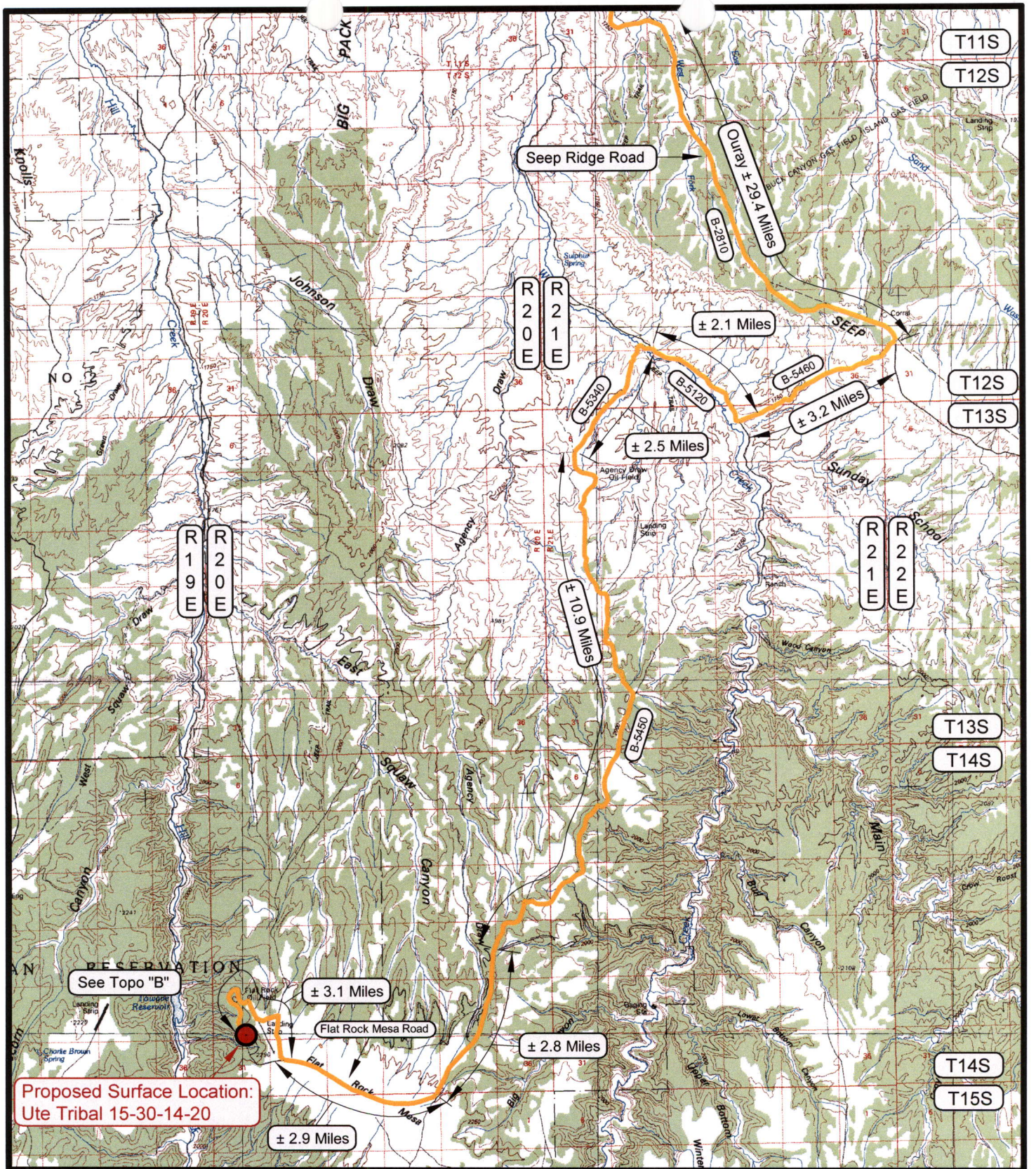
MILLER, DYER & CO. LLC

TYPICAL PRODUCTION LAYOUT

UTE TRIBAL 15-30-14-20



Section 30, T14S, R20E, S.L.B.&M.		Qtr/Qtr Location: SW SE		
Date Surveyed: 08-20-07	Date Drawn: 08-22-07	Date Last Revision:	Timberline (435) 789-1365 Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 7 OF 11
Surveyed By: B.J.S..	Drawn By: M.W.W.	Scale: 1" = 60'		



LEGEND

PROPOSED ACCESS ROAD
= SUBJECT WELL
= OTHER WELLS
= EXISTING ROAD
= EXISTING ROAD (TO BE IMPROVED)

B-5460 = COUNTY ROAD CLASS & NUMBER

N

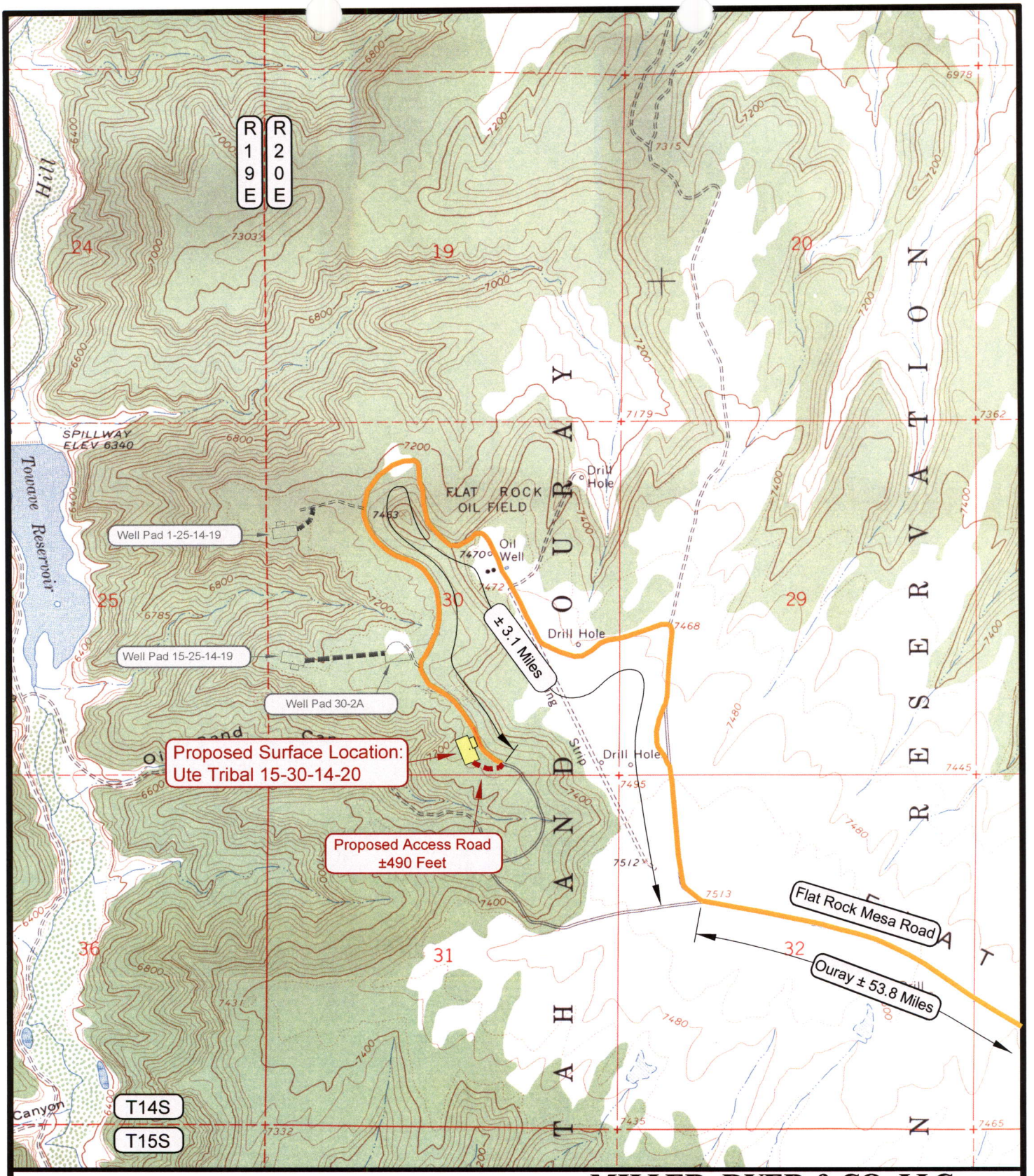
MILLER, DYER & CO. LLC

Ute Tribal 15-30-14-20
SECTION 30, T14S, R20E, S.L.B.&M.
381' FNL & 2229' FEL (Surface)

TOPOGRAPHIC MAP "A"	DATE SURVEYED: 08-20-07
	DATE DRAWN: 08-23-07
SCALE: 1:150,000 DRAWN BY: M.W.W.	REVISED:

Timberline (435) 789-1365
Engineering & Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET 8 OF 11



LEGEND

PROPOSED ACCESS ROAD
= SUBJECT WELL
= SHARED ACCESS
= EXISTING ROAD
= EXISTING ROAD (TO BE IMPROVED)
B-5460 = COUNTY ROAD CLASS & NUMBER
= LEASE LINE AND / OR PROPERTY LINE

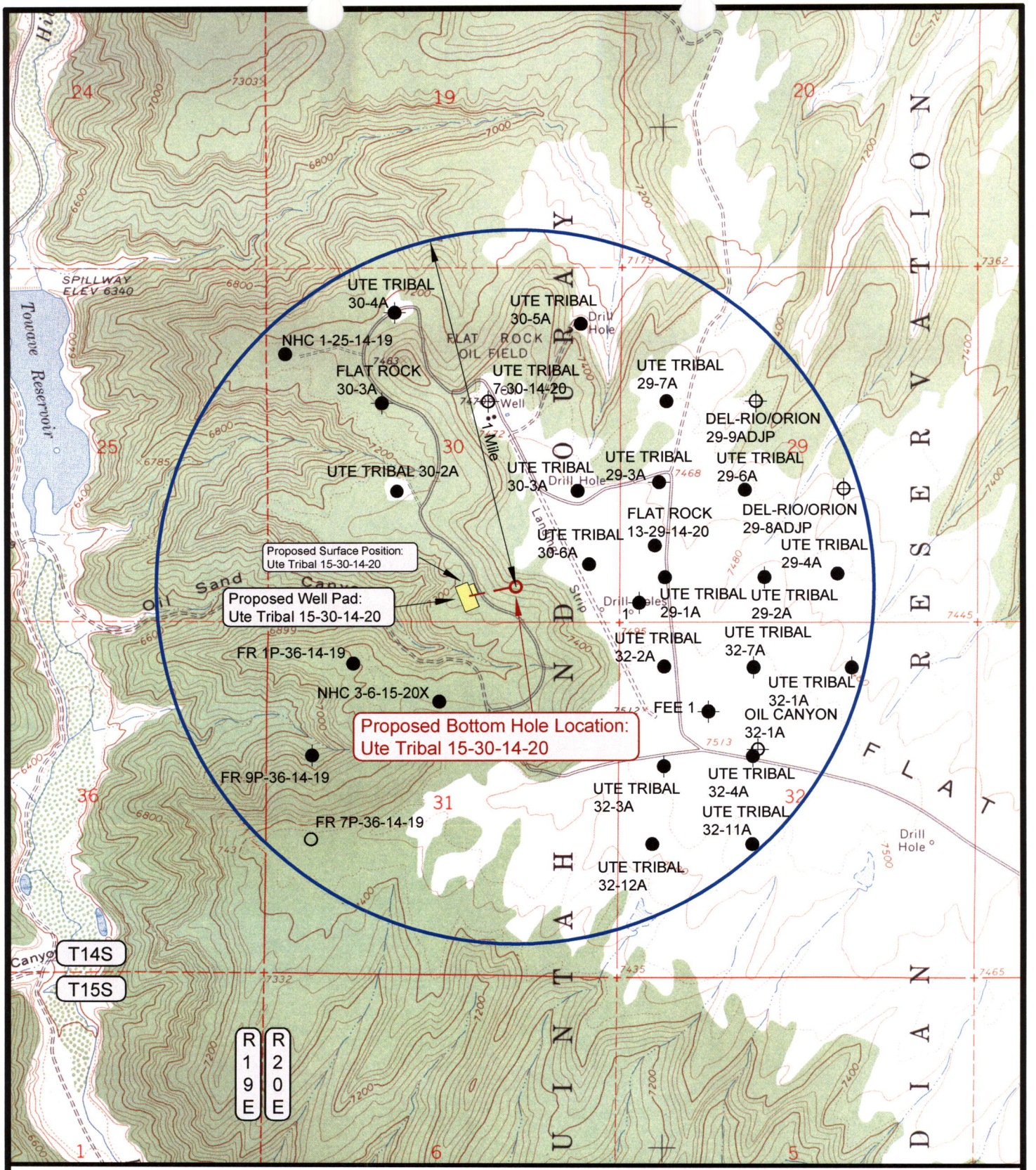
N

MILLER, DYER & CO. LLC

Ute Tribal 15-30-14-20
SECTION 30, T14S, R20E, S.L.B.&M.
381' FSL & 2229' FEL (Surface)

TOPOGRAPHIC MAP "B"		DATE SURVEYED: 08-20-07
		DATE DRAWN: 08-23-07
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	REVISED:

Timberline (435) 789-1365
Engineering & Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078



LEGEND

- = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- = PROPOSED WELL
- = WATER WELL
- = ABANDONED WELL
- = TEMPORARILY ABANDONED WELL
- = ABANDONED LOCATION

N

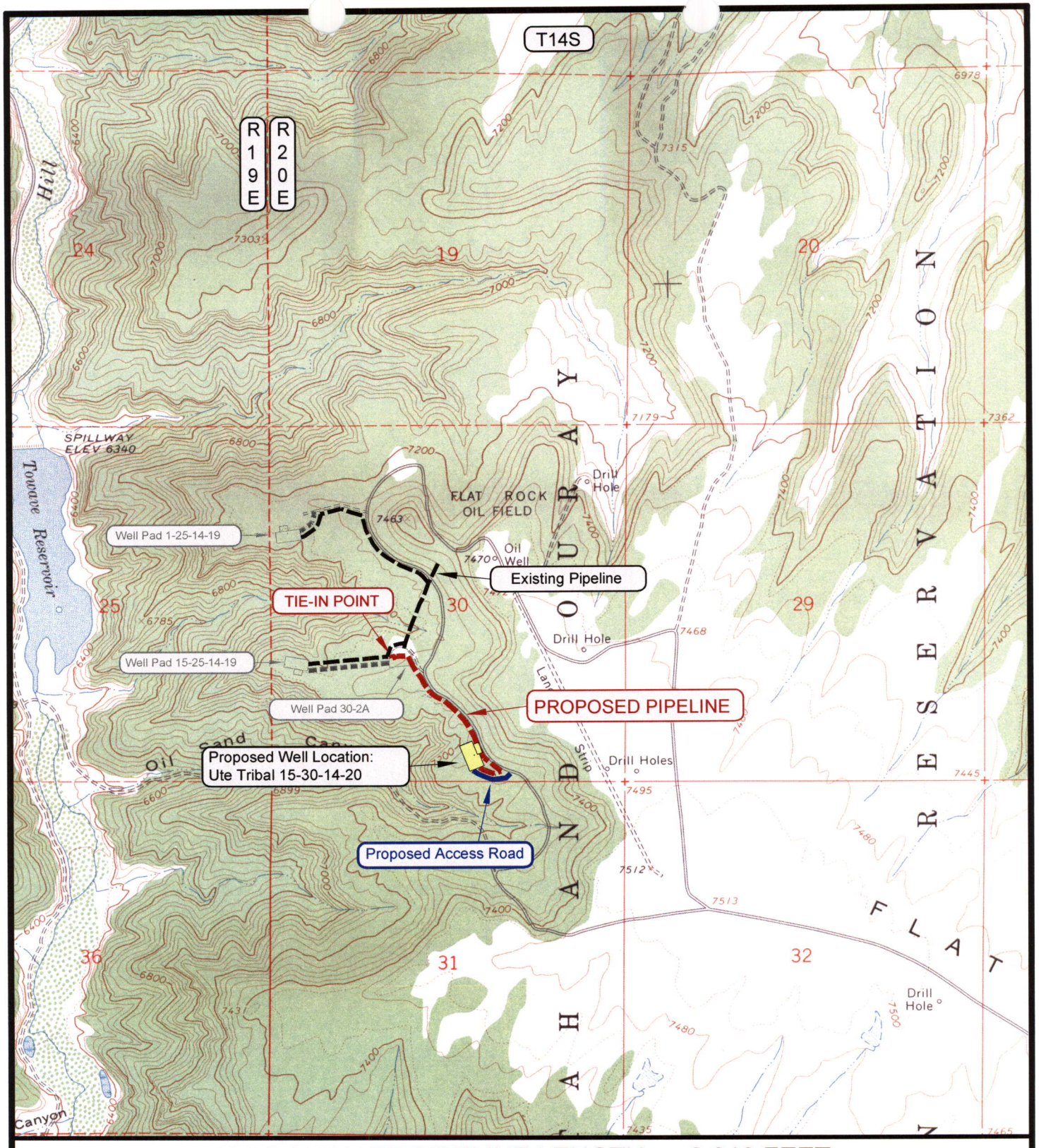
MILLER, DYER & CO. LLC

Ute Tribal 15-30-14-20
SECTION 30, T14S, R20E, S.L.B.&M.
Bottom Hole: 522' FSL & 1547' FEL

TOPOGRAPHIC MAP "C"	DATE SURVEYED: 08-20-07
	DATE DRAWN: 08-23-07
SCALE: 1" = 2000' / DRAWN BY: M.W.W.	REVISED:

Timberline Engineering & Land Surveying, Inc.
(435) 789-1365
38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET 10 OF 11



APPROXIMATE PIPELINE LENGTH = ±3,010 FEET

LEGEND

= PROPOSED PIPELINE
= OTHER PIPELINE
PROPOSED ACCESS ROAD
= SUBJECT WELL
= OTHER WELLS
= LEASE LINE AND / OR PROPERTY LINE

N

MILLER, DYER & CO. LLC

Ute Tribal 15-30-14-20
SECTION 30, T14S, R20E, S.L.B.&M.
381' FSL & 2229' FEL (Surface)

TOPOGRAPHIC MAP "D"		DATE SURVEYED: 08-20-07
		DATE DRAWN: 08-27-07
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	REVISED:

Timberline (435) 789-1365
Engineering & Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET 11 OF 11

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/04/2008

API NO. ASSIGNED: 43-047-39942

WELL NAME: UTE TRIBAL 15-30-14-20

OPERATOR: MILLER, DYER & CO, LLC (N2580)

PHONE NUMBER: 303-292-0949

CONTACT: JOHN DYER

PROPOSED LOCATION:

SWSE 30 140S 200E

SURFACE: 0381 FSL 2229 FEL

BOTTOM: 0522 FSL 1547 FEL

COUNTY: UINTAH

LATITUDE: 39.56411 LONGITUDE: -109.7186

UTM SURF EASTINGS: 610077 NORTHINGS: 4379955

FIELD NAME: FLAT ROCK (600)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-019837

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: CHIN

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB0008085)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 14-20-H62-)

N RDCC Review (Y/N)
(Date:)

N/A Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: ___

___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

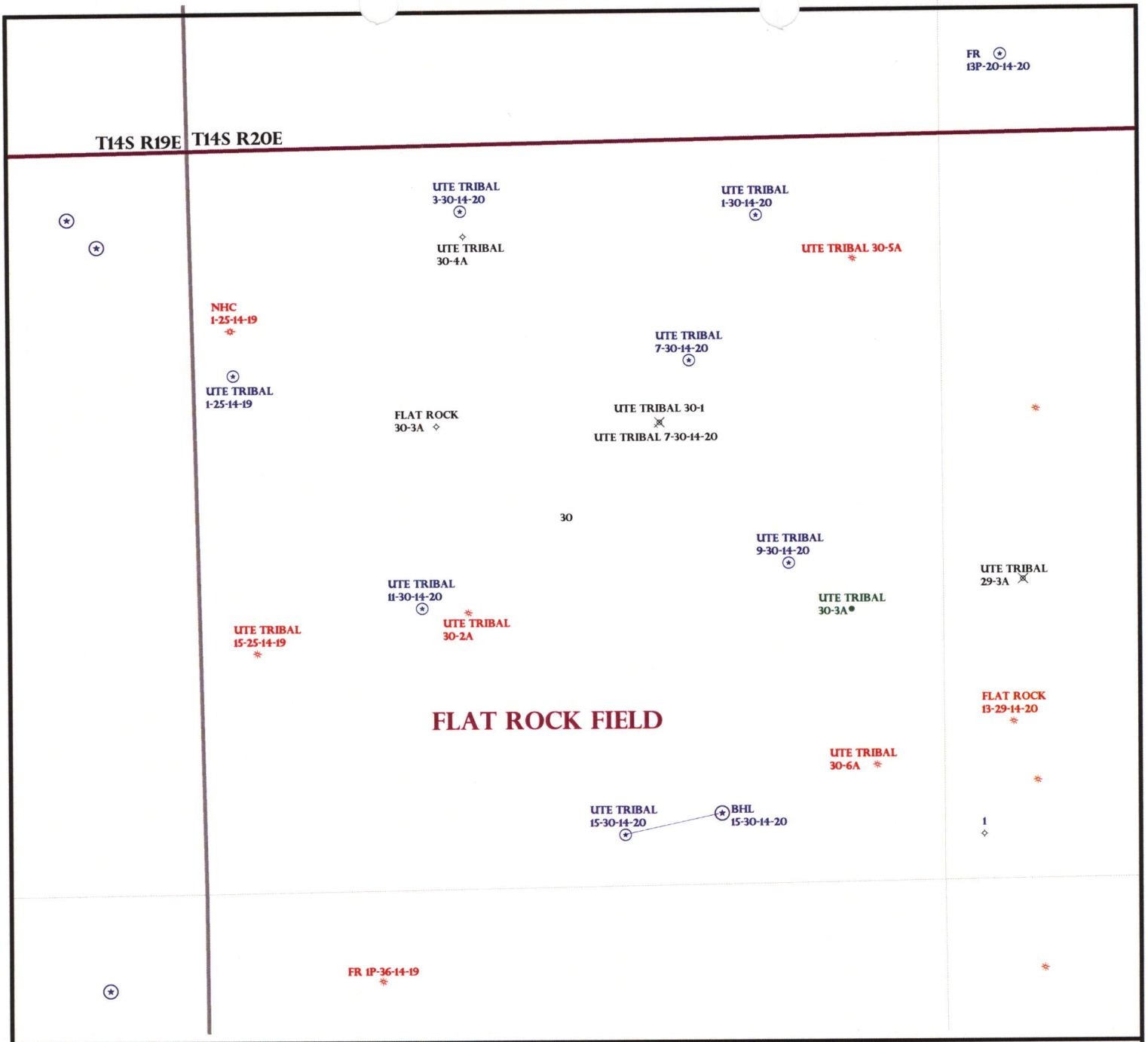
✓ R649-3-3. Exception

___ Drilling Unit
Board Cause No: ___
Eff Date: ___
Siting: ___

✓ R649-3-11. Directional Drill

COMMENTS: ___

STIPULATIONS: 1- Federal Approval
2- Spacing Slip



OPERATOR: MILLER, DYER & CO (N2580)

SEC: 30 T.14S R. 20E

FIELD: FLAT ROCK (600)

COUNTY: UINTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING

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

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 08-FEBRUARY-2008

MILLER
DYER & CO. LLC

475 Seventeenth Street, Suite 1200
Denver, Colorado 80202
P: 303-292-0949
F: 303-292-3901

February 1, 2008

Diana Mason
Utah Division of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Exception Location to Drill
Ute Tribal 15-30-14-20
Section 30, T14S R20E
UTU-019837
Uintah County, Utah

Dear Ms Mason:

Miller, Dyer & Co. LLC, as Operator, is proposing to drill and has made application with the Division of Oil, Gas and Mining ("DOGM") for a permit to drill the following well:

Ute Tribal 15-30-14-20
Bottom Hole Location: 522' FSL, 1547' FEL, (SWSE) Section 30, T14S R20E, Uintah County, Utah
Lease: UTU-019837; Record Title Owner – Chicago Energy Associates, LLC
Designated Operator: Miller, Dyer & Co. LLC (Designation on file with DOGM & SITLA)

Pursuant to Rule R649-3-3, Miller, Dyer & Co. LLC is making application and seeking DOGM's administrative authority to grant an exception to the locating and siting requirements for this well.

The Flat Rock #15-30-14-20 well is approximately 233' East of the 200' drilling tolerance from the center of the 40-acre drilling unit designated as the SWSE of Section 30. The present location of this well as surveyed and staked allows optimal access to the Entrada Formation as observed by our seismic survey.

Chicago Energy Associates, LLC is the owner within a 460-foot radius of the proposed well location and is the owner of the directly and diagonally offsetting drilling units being crowded by the proposed well location.

Miller-Dyer and Chicago Energy Associates, LLC respectfully requests an administrative approval by the division of an exception location for the well referenced above.

Yours truly,
MILLER, DYER & CO. LLC

John E. Dyer
Manager

RECEIVED
FEB 04 2008
DIV. OF OIL, GAS & MINING

MILLER
DYER & CO. LLC

475 Seventeenth Street, Suite 1200
Denver, Colorado 80202
P: 303-292-0949
F: 303-292-3901

February 6, 2008

Ms. Diana Mason
Division of Oil, Gas and Mining
P O Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling R649-3-11
Ute Tribal #15-30-14-20 381' FSL, 2229' FEL (surface)
522' FSL, 1547' FEL (bottom hole)
Section 30, T14S R20E
Uintah County, Utah
Lease # U-019837

Dear Ms. Mason,

Pursuant to the filing of Miller, Dyer & Co. LLC's Application for Permit to Drill regarding the above referenced well on February 1, 2008, we are hereby submitting this letter in accordance the Oil & Gas Conservation rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- The Ute Tribal #15-30-14-20 is located on Lease #U-019837
- Miller, Dyer & Co. LLC is permitting this well as a directional well because the topology of the surface does not allow for a location to be built above an Entrada seismic anomaly as identified by our seismic survey.
- Furthermore Miller, Dyer & Co. LLC hereby certifies that it is the sole working interest owner within 460 feet of the potentially productive portion of this directional well bore and the entirety of Section 30 (state lease #U-019837).

Therefore, based on the above stated information, Miller, Dyer & Co. LLC requests the permit be granted pursuant to R649-3-11.

Respectfully Submitted,
MILLER, DYER & CO. LLC

Jeffrey H. Lang
Vice President of Operations

RECEIVED
FEB 11 2008
DIV. OF OIL, GAS & MINING

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

February 12, 2008

Miller, Dyer & Co., LLC
475 17th St., Ste. 1200
Denver, CO 80202

Re: Ute Tribal 15-30-14-20 Well, Surface Location 381' FSL, 2229' FEL, SW SE, Sec. 30, T. 14 South, R. 20 East, Bottom Location 522' FSL, 1547' FEL, SW SE, Sec. 30, T. 14 South, R. 20 East, Uintah 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 43-047-39942.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov

UTAH DNR OIL, GAS & MINING

Operator: Miller, Dyer & Co., LLC

Well Name & Number Ute Tribal 15-30-14-20

API Number: 43-047-39942

Lease: U-019837

Surface Location: SW SE **Sec.** 30 **T.** 14 South **R.** 20 East

Bottom Location: SW SE **Sec.** 30 **T.** 14 South **R.** 20 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**

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dustin Doucet at work (801) 538-5281 home (801) 733-0983

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.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED
VERNAL FIELD OFFICE
2008 FEB -4 PM 2:06
BUREAU OF LAND MGMT.

Form 3160-3
(August 1999)

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
U-019837

6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

1a. Type of Work: ☒ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
N/A

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

8. Lease Name and Well No.
Ute Tribal #15-30-14-20

2. Name of Operator
Miller, Dyer & Co., LLC

9. API Well No.
43 047 39942

3a. Address
475 17th St. Suite 1200 Denver, CO 80202

3b. Phone No. *(include area code)*
303-292-0949

10. Field and Pool, or Exploratory
Flat Rock

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface 381 FSL 2229 FEL SWSE
At proposed prod. zone 522 FSL 1547 FEL SWSE

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 30, T14S, R20E, SLB&M

14. Distance in miles and direction from nearest town or post office*
See Topo Map "A" (Attached)

12. County or Parish
Uintah

13. State
Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in lease	17. Spacing Unit dedicated to this well
381'	627.84	40
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	**19. Proposed Depth**	**20. BLM/BIA Bond No. on file**
1896'	12,577'	UTB000058
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	**22. Approximate date work will start***	**23. Estimated duration**
7264' GL	06/01/2008	1 Month

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature — Name *(Printed/Typed)*: John E. Dyer — Date: 2/1/2008

Title: Manager

Approved by *(Signature)* — Name *(Printed/Typed)*: Jerry Kenczka — Date: 3-13-2008

Title: ~~Assistant Field Manager~~ Lands & Mineral Resources — Office: VERNAL FIELD OFFICE

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

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.

**(Instructions on reverse)*

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

MAR 18 2008

08PP0421A
NO NOS
APD POSTED 02-05-2008

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 435-781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Miller Dyer & CO., LLC**	**Location:**	**SWSE, Sec. 30, T14S, R20E**
Well No:	**Ute Tribal 15-30-14-20**	**Lease No:**	**UTU-019837**
API No:	**43-047-39942**	**Agreement:**	**N/A**

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:		(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7482
NRS/Enviro Scientist:		(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3425	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction Notify Environmental Scientist	-	Forty-Eight 48 hours prior to construction of location and access roads.
Location Completion Notify Environmental Scientist	-	Prior to moving on the drilling rig.
Spud Notice Notify Petroleum Engineer	-	Twenty-Four 24 hours prior to spudding the well.
Casing String & Cementing Notify Supv. Petroleum Tech.	-	Twenty-Four 24 hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests Notify Supv. Petroleum Tech.	-	Twenty-Four 24 hours prior to initiating pressure tests.
First Production Notice Notify Petroleum Engineer	-	Within Five 5 business days after new well begins or production resumes after well has been off production for more than ninety 90 days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL COAs

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.

- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer AO. A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

Specific Surface COAs

- A 55 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.

- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.

- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.

- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.

- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.

- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.

- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.

- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.

- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.

- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.

- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.

- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing

any significant cultural resources in the area.

- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.

- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.

- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

    - Paint equipment Desert Tan
    - Put trees in fill on corner 5 to 2
    - Put some trees in topsoil pile
    - Bury pipelines in drainages
    - For any other additional stipulations, see concurrence letter.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A surface shoe integrity test shall be performed.
- 5M BOPE shall be installed and tested in accordance with Onshore Order #2.
- The production casing cement shall be a minimum of 200' above the surface casing shoe.
- The liner top shall be tested in accordance with Onshore Order #2.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.
    - Well name and number.
    - Well location (¼¼, Sec., Twn, Rng, and P.M.).
    - Date well was placed in a producing status (date of first production for which royalty will be paid).
    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
    - Unit agreement and/or participating area name and number, if applicable.
    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **6/1/2008**

FROM: (Old Operator):	**TO:** (New Operator):
N2580-Miller, Dyer & Co, LLC	N2680-Whiting Oil & Gas Company
475 17th St, Suite 1200	1700 Broadway, Suite 2300
Denver, CO 80202	Denver, CO 80290
Phone: 1 (303) 292-0949	Phone: 1 (303) 837-1661

CA No. **Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/5/2008
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/5/2008
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 7/16/2008
4a. Is the new operator registered in the State of Utah: _____ Business Number: 5890476-0143
4b. If **NO**, the operator was contacted contacted on:
5a. (R649-9-2)Waste Management Plan has been received on: REQUESTED 7/16/2008
5b. Inspections of LA PA state/fee well sites complete on: done
5c. Reports current for Production/Disposition & Sundries on: ok
6. **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 not yet BIA not yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has 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:

1. Changes entered in the **Oil and Gas Database on:** 7/16/2008
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 7/16/2008
3. Bond information entered in RBDMS on: 7/16/2008
4. Fee/State wells attached to bond in RBDMS on: 7/16/2008
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7/16/2008

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000148
2. Indian well(s) covered by Bond Number: RLB0011681
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0004585
3b. The **FORMER** operator has requested a release of liability from their bond on: not yet

LEASE INTEREST OWNER NOTIFICATION:

4. (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:

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List

SUNDRY NOTICES AND REPORTS ON WELLS

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:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER _____

8. WELL NAME and NUMBER: See Attached List

2. NAME OF OPERATOR: Whiting Oil And Gas Company N2680

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1700 Broadway, Ste 2300 CITY Denver STATE CO ZIP 80290

PHONE NUMBER: (303) 837-1661

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

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

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

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

Effective 6/1/2008, please change the Operator of record from Miller, Dyer & Co., LLC to Whiting Oil and Gas Corporation. Whiting Oil and Gas Corporation Utah State bond is ~~#RLB0011076~~ RLB0004585 or Utah BLM Bond #UTB-000148 BIA RLB0011681.
See attached well list.

Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Miller, Dyer & Co., LLC
475 17th Street, Suite 1200
Denver, CO 80202
N2580

Miller, Dyer & Co., LLC

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DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jeffrey H. Lang TITLE VP Operations

SIGNATURE _____ DATE 6/3/08

Whiting Oil and Gas Corporation

NAME (PLEASE PRINT) Rick Ross TITLE VP Operations

SIGNATURE _____ DATE 6/3/08

(This space for State use only)

APPROVED 7/16/2008

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

well_name	sec	twp	rng	api	entity	lease	well	stat 2	flag
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	GW	S	
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	OW	P	
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	GW	S	
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	GW	P	
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	GW	P	
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	OW	P	
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	OW	P	
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	GW	P	
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	GW	S	
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	GW	P	
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	GW	P	
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	GW	S	
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	GW	P	
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	GW	P	
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	GW	P	
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	GW	P	
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	GW	S	
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	GW	P	
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	GW	P	
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	GW	P	
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	GW	S	
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	GW	P	
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	GW	P	
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	GW	S	
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	GW	P	
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	GW	P	
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	GW	P	
UTE TRIBAL 10-2-15-20	02	150S	200E	4304735625	14167	State	GW	P	
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	GW	P	
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	GW	P	
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	GW	P	
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	GW	P	C
UTE TRIBAL 1-25-14-19	30	140S	200E	4304739053		Indian	GW	APD	
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665		Federal	GW	APD	
UTE TRIBAL 9-30-14-20	30	140S	200E	4304739666		Federal	GW	APD	
UTE TRIBAL 7-30-14-20	30	140S	200E	4304739667		Federal	GW	APD	
UTE TRIBAL 7-29-14-20	29	140S	200E	4304739668		Federal	GW	APD	
UTE TRIBAL 9-29-14-20	29	140S	200E	4304739669		Federal	GW	APD	
UTE TRIBAL 12-28-14-20	28	140S	200E	4304739736		Federal	GW	APD	
UTE TRIBAL 1-29-14-20	29	140S	200E	4304739737		Federal	GW	APD	
UTE TRIBAL 15-29-14-20	29	140S	200E	4304739738		Federal	GW	APD	
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739		Federal	GW	APD	
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740		Federal	GW	APD	
UTE TRIBAL 3-32-14-20	32	140S	200E	4304739741		State	GW	APD	
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942		Federal	GW	APD	

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

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	UTE TRIBAL 15-30-14-20
API number:	4304739942
Location:	Qtr-Qtr: SWSE Section: 30 Township: 14S Range: 20E
Company that filed original application:	MILLER, DYER & CO., LLC
Date original permit was issued:	02/12/2008
Company that permit was issued to:	MILLER, DYER & CO., LLC

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
✓	**Transfer approved Application for Permit to Drill to new operator**
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		✓
If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. RLB0011676	✓	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Rick Ross Title VP Operations

Signature [signature] Date 6/1/08

Representing (company name) WHITING OIL AND GAS CORPORATION

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

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

FORM 6

ENTITY ACTION FORM

Operator: Whiting Oil and Gas Corporation

Operator Account Number: N 2680

Address: 1700 Broadway, Suite 2300

city Denver

state CO zip 80290

Phone Number: (303) 837-1661

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739942	Ute Tribal 15-30-14-20		SWSE	30	14S	20E	Uintah
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	17237	8/3/2008			12/4/08	

Comments: New drill. CHIN BHL=SWSE —

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)

Pauleen Tobin
Name (Please Print)

Signature

Engineer Technician
Title

12/4/2008
Date

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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: U-19837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: Ute Tribal 15-30-14-20

2. NAME OF OPERATOR: Whiting Oil and Gas Corporation

9. API NUMBER: 4304739942

3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 CITY Denver STATE CO ZIP 80290

PHONE NUMBER: (303) 837-1661

10. FIELD AND POOL, OR WILDCAT: Flat Rock/Entrada

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 381 FSL 2229 FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 30 14S 20E

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: 8/4/2008	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Monthly Drilling status Rpt
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

08/2008
Spud 08/03/08. TD'd 12 1/4" surface hole 08/04/08 @ 509'. Set & cement 10 3/4" surface casing @ 509'.

NAME (PLEASE PRINT) Pauleen Tobin TITLE Engineering Technician

SIGNATURE DATE 12/1/2008

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FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: U-19837

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe

7. UNIT or CA AGREEMENT 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.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: Ute Tribal 15-30-14-20

2. NAME OF OPERATOR: Whiting Oil and Gas Corporation

9. API NUMBER: 4304739942

3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 CITY Denver STATE CO ZIP 80290

PHONE NUMBER: (303) 837-1661

10. FIELD AND POOL, OR WILDCAT: Flat Rock/Entrada

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 381 FSL 2229 FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 30 14S 20E

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: 9/30/2008	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Monthly Drilling status Rpt
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

09/2008
Drill out surface casing plug, drill 9.5" intermediate hole to 4273'.

NAME (PLEASE PRINT) Pauleen Tobin TITLE Engineering Technician

SIGNATURE DATE 12/1/2008

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FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: U-19837

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe

7. UNIT or CA AGREEMENT NAME:

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1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: Ute Tribal 15-30-14-20

2. NAME OF OPERATOR: Whiting Oil and Gas Corporation

9. API NUMBER: 4304739942

3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 CITY Denver STATE CO ZIP 80290

PHONE NUMBER: (303) 837-1661

10. FIELD AND POOL, OR WILDCAT: Flat Rock/Entrada

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 381 FSL 2229 FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 30 14S 20E

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: 10/31/2008	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Monthly Drilling status Rpt
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

10/2008
Con't drilling 9.5" intermediate hole, TD @ 4400'. Run 7 5/8" intermediate casing, set & cmt @ 4344'. Performed casing integrity test to 1500 psi for 15 mins. Pressure held. Drilled out plug. Drill 6.5" production hole to KOP @ 6500'. Initiated kick off slide drilling to establish appropriate trend. Con't drill/slide to 8226'. Circulate hole clean. Rotary slide drill to 8800'. Slide/rotary drilling to 10241', fish for and retrieve lost cone and bit parts. Drill to 11546'.

NAME (PLEASE PRINT) Pauleen Tobin TITLE Engineering Technician

SIGNATURE _____ DATE 1/7/2009

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FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: U-19837

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe

7. UNIT or CA AGREEMENT NAME:

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1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: Ute Tribal 15-30-14-20

2. NAME OF OPERATOR: Whiting Oil and Gas Corporation

9. API NUMBER: 4304739942

3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 CITY Denver STATE CO ZIP 80290

PHONE NUMBER: (303) 837-1661

10. FIELD AND POOL, OR WILDCAT: Flat Rock/Entrada

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 381 FSL 2229 FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 30 14S 20E

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: 11/15/2008	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Monthly Drilling status Rpt
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

11/2008
Con't drilling 6.5" production hole to TD @ 12200'. Logged hole. Run & cement 269jts 4 1/2 " csg to 12180'. Pressured up to 600 psi held ok, no flowback. Release rig 0600hrs 11/14/08. SI waiting on completion.

NAME (PLEASE PRINT) Pauleen Tobin TITLE Engineering Technician

SIGNATURE _____ DATE 1/7/2009

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(5/2000) (See Instructions on Reverse Side)

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: U-19837

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe

7. UNIT or CA AGREEMENT 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.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: Ute Tribal 15-30-14-20

2. NAME OF OPERATOR: Whiting Oil and Gas Corporation

9. API NUMBER: 4304739942

3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 CITY Denver STATE CO ZIP 80290

PHONE NUMBER: (303) 837-1661

10. FIELD AND POOL, OR WILDCAT: Flat Rock/Entrada

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 381 FSL 2229 FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 30 14S 20E

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: 12/31/2008	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Monthly Completion status Rpt
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

12/2008
Install tbghd, and test to 9900 psi. Ran Sector CBL. TOC @ 4385', good bond on zones of interest. Perf 3spf btwn 11441 and 11581', total 36 holes. Frac'd w/pHaserFrac (30) w/65 Q CO2 + 20/40 PRC sand. Set CBP @ 11430', perf stage 2 w/3spf btwn 11335' and 11415', total 36 holes. Flow back on 20/64" ck. Frac stage 2 w/pHaserFrac (30) w/65 Q CO2 + 20/40 PRC sand. Flow back on 20/64" ck. Flowing to clean up. Began building 4" sales line. SI waiting on sales line.

NAME (PLEASE PRINT) Pauleen Tobin TITLE Engineering Technician

SIGNATURE _____ DATE 1/9/2009

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FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: U-19837

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe

7. UNIT or CA AGREEMENT 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.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: Ute Tribal 15-30-14-20

2. NAME OF OPERATOR: Whiting Oil and Gas Corporation

9. API NUMBER: 4304739942

3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 CITY Denver STATE CO ZIP 80290

PHONE NUMBER: (303) 837-1661

10. FIELD AND POOL, OR WILDCAT: Flat Rock/Entrada

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 381 FNL 2229 FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 30 14S 20E

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: 1/14/2009	☐ CHANGE WELL STATUS	☑ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

First sales for this well was 1/14/2009.

NAME (PLEASE PRINT) Pauleen Tobin TITLE Engineering Technician

SIGNATURE DATE 1/15/2009

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

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: U-19837
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: Ute Tribal 15-30-14-20
9. API NUMBER: 4304739942
10. FIELD AND POOL, OR WILDCAT: Flat Rock
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 30 14S 20E
12. COUNTY: Uintah
13. STATE: UTAH

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
2. NAME OF OPERATOR: Whiting Oil and Gas Corporation
3. ADDRESS OF OPERATOR: 1700 Broadway, #2300 CITY Denver STATE CO ZIP 80290
PHONE NUMBER: (303) 837-1661
4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 381 FSL 2229 FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 531 FSL 1559 FEL
AT TOTAL DEPTH: 537 FSL 1559 FEL

14. DATE SPUDDED: 8/3/2008
15. DATE T.D. REACHED: 11/10/2008
16. DATE COMPLETED: 12/15/2008 ABANDONED ☐ READY TO PRODUCE ☑
17. ELEVATIONS (DF, RKB, RT, GL): 7264 GR, 7291 KB
18. TOTAL DEPTH: MD 12,200 TVD 12,115
19. PLUG BACK T.D.: MD 12,125 TVD 12,040
20. IF MULTIPLE COMPLETIONS, HOW MANY? * No
21. DEPTH BRIDGE PLUG SET: MD TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
GR-CBL-CCL DIL/SP/GR/FDC/CNL/PE/BHC Sonic
CUMP2, CN, HDL, Cal, Mud
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
12 1/4"	10 3/4 J55	45	27	509		Lite 330	106	27	
9 1/2"	7 5/8 K55	26.4	27	4,344		Lite 230	170	27	
						G 155	32		
6 1/2"	4 1/2 P110	11.6	27	12,173		Foam 670	175	4385	
						G 115	30		

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Entrada	11,335	11,581	11,250	11,496
(B)				
(C)				
(D)				

27. PERFORATION RECORD 11581

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
11,335	11,336	.35	3	Open ☑ Squeezed ☐
11,343	11,344	.35	3	Open ☑ Squeezed ☐
11,349	11,350	.35	3	Open ☑ Squeezed ☐
11,352	11,353	.35	3	Open ☑ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
11335-11416	121400# 20/40 wh snd, 44299 gals PhaserFrac 30 w/202 tons 65Q CO2
11441-11581	80700# 20/40 sw snd, 36497 gals PhaserFrac 30 w/213 tons 65Q CO2

29. ENCLOSED ATTACHMENTS:
☑ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☑ OTHER: Well Diag, Cmt

30. WELL STATUS: Producing

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(5/2000) (CONTINUED ON BACK)

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:
12/15/2008		1/16/2009		24			44	9,305	105	Flowing
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:
40/64		1,438	45.00	1,001	211,477		44	9,305	105	Producing

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.)

Sold

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)
				Mesaverde	4,261
				Castlegate	6,086
				Mancos	6,350
				Dakota	10,365
				Cedar Mtn	10,487
				Buckhorn	10,598
				Morrison	10,656
				Entrada	11,323
				Kayenta	11,664
				Wingate	11,784

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) Pauleen Tobin TITLE Engineer Technician

SIGNATURE [signature] DATE 1/22/09

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

(5/2000)

Whiting Oil and Gas Corporation
Form 8
Ute Tribal 15-30-14-20

27. Perforation Record continued for:

	Perforation Interval	Size	# of Holes	Perf Status
Entrada 11628-92'	11361-64	.35	6	Open
	11377-80	.35	6	Open
	11387-88	.35	3	Open
	11391-92	.35	3	Open
	11399-400	.35	3	Open
	11415-16	.35	3	Open
	11441-42	.35	3	Open
	11446-47	.35	3	Open
	11451-52	.35	3	Open
	11461-62	.35	3	Open
	11465-66	.35	3	Open
	11482-83	.35	3	Open
	11491-92	.35	3	Open
	11499-500	.35	3	Open
	11525-26	.35	3	Open
	11529-30	.35	3	Open
	11568-69	.35	3	Open
	11580-81	.35	3	Open

CRESCENT
DIRECTIONAL DRILLING

Whiting Petroleum

Uintah County, UT
UTE Tribal 15-30-14-20
UTE Tribal 15-30-14-20
Wellbore #1

Survey: Survey #1

Standard Survey Report

12 November, 2008

WHITING
Whiting Petroleum Corporation

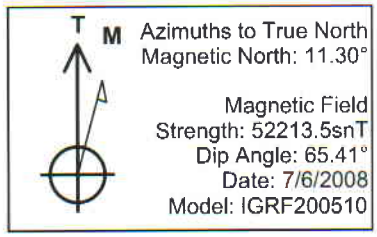
CRESCENT DIRECTIONAL DRILLING

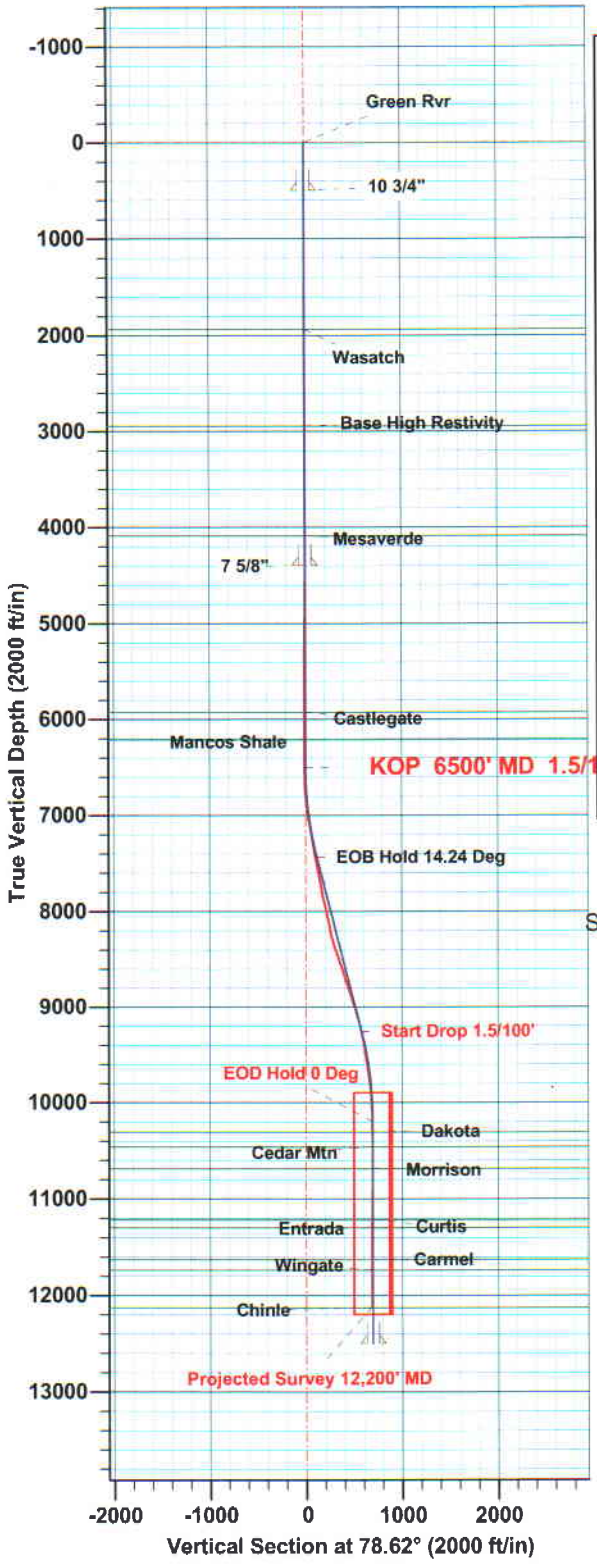
Whiting Petroleum
UTE Tribal 15-30-14-20
Uintah County, UT

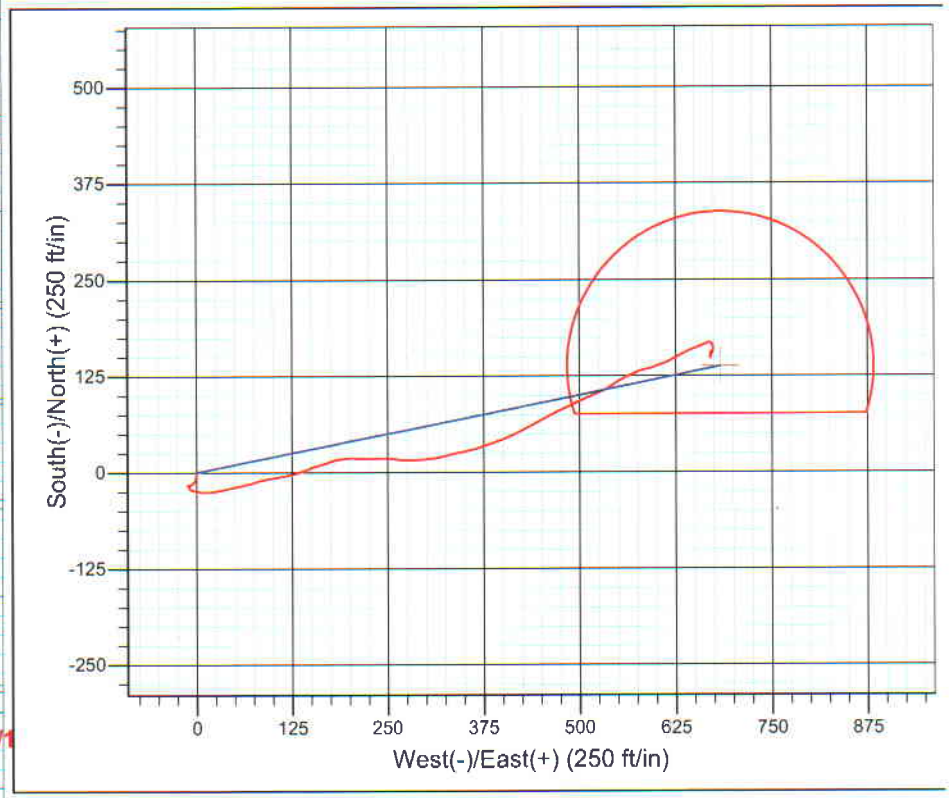
WHITING
Whiting Petroleum Corporation

PROJECT DETAILS: Uintah County, UT

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone







SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Targ
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	6500.0	0.00	0.00	6500.0	0.0	0.0	0.00	0.00	0.0	
3	7449.1	14.24	78.62	7439.4	23.2	115.0	1.50	78.62	117.3	
4	9328.1	14.24	78.62	9260.6	114.3	568.0	0.00	0.00	579.4	
5	10277.2	0.00	0.00	10200.0	137.5	683.0	1.50	180.00	696.7	
6	12577.2	0.00	0.00	12500.0	137.5	683.0	0.00	0.00	696.7	

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1.0	1.0	Green Rvr
1935.0	1935.0	Wasatch
2944.0	2944.0	Base High Restivity
4090.0	4090.0	Mesaverde
5928.0	5928.0	Castlegate
6212.0	6212.0	Mancos Shale
10307.0	10384.2	Dakota
10462.0	10539.2	Cedar Mtn
10688.0	10765.2	Morrison
11215.0	11292.2	Curtis
11294.0	11371.2	Entrada
11624.0	11701.2	Carmel
11733.0	11810.2	Wingate
12128.0	12205.2	Chinle

Crescent Directional Drilling L.P.

Survey Report

Company:	Whiting Petroleum	**Local Co-ordinate Reference:**	Well UTE Tribal 15-30-14-20
Project:	Uintah County, UT	**TVD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Site:	UTE Tribal 15-30-14-20	**MD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Well:	UTE Tribal 15-30-14-20	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.16 Single User Db

Project Uintah County, UT

Map System:	US State Plane 1983	**System Datum:**	Ground Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site UTE Tribal 15-30-14-20

Site Position:		**Northing:**	2,113,277.11 m	**Latitude:**	39° 20' 6.317 N
From:	Lat/Long	**Easting:**	678,359.62 m	**Longitude:**	109° 25' 51.380 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	in	**Grid Convergence:**	1.33 °

Well UTE Tribal 15-30-14-20

Well Position	**+N/-S**	0.0 ft	**Northing:**	2,113,277.11 m	**Latitude:**	39° 20' 6.317 N
	+E/-W	0.0 ft	**Easting:**	678,359.62 m	**Longitude:**	109° 25' 51.380 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	0.0 ft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	7/6/2008	11.30	65.41	52,214

Design Wellbore #1

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.0	0.0	0.0	78.62

Survey Program **Date** 11/12/2008

From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
4,379.0	12,200.0	Survey #1 (Wellbore #1)	MWD	

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
4,379.0	0.30	190.80	4,379.0	-11.3	-2.1	-4.3	0.01	0.01	0.00
4,475.0	0.20	221.00	4,475.0	-11.6	-2.3	-4.6	0.17	-0.10	31.46
4,562.0	0.50	224.20	4,562.0	-12.0	-2.7	-5.0	0.35	0.34	3.68
4,667.0	0.60	244.90	4,667.0	-12.6	-3.5	-5.9	0.21	0.10	19.71
4,762.0	0.70	213.30	4,762.0	-13.3	-4.3	-6.8	0.39	0.11	-33.26
4,858.0	0.90	226.40	4,858.0	-14.3	-5.1	-7.8	0.28	0.21	13.65
4,954.0	0.50	216.20	4,954.0	-15.1	-5.9	-8.8	0.43	-0.42	-10.62
5,049.0	0.70	223.50	5,048.9	-15.9	-6.6	-9.6	0.22	0.21	7.68
5,144.0	0.70	261.40	5,143.9	-16.4	-7.5	-10.6	0.48	0.00	39.89
5,230.0	0.90	261.60	5,229.9	-16.6	-8.7	-11.8	0.23	0.23	0.23
5,334.0	0.70	265.00	5,333.9	-16.8	-10.2	-13.3	0.20	-0.19	3.27
5,432.0	0.20	302.80	5,431.9	-16.7	-10.9	-14.0	0.57	-0.51	38.57

Company:	Whiting Petroleum	**Local Co-ordinate Reference:**	Well UTE Tribal 15-30-14-20
Project:	Uintah County, UT	**TVD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Site:	UTE Tribal 15-30-14-20	**MD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Well:	UTE Tribal 15-30-14-20	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.16 Single User Db

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)
5,527.0	0.40	302.80	5,526.9	-16.5	-11.3	-14.3	0.21	0.21	0.00
5,622.0	0.20	279.20	5,621.9	-16.2	-11.8	-14.7	0.24	-0.21	-24.84
5,718.0	0.40	151.30	5,717.9	-16.5	-11.8	-14.8	0.57	0.21	-133.23
5,812.0	0.80	182.10	5,811.9	-17.5	-11.6	-14.9	0.53	0.43	32.77
5,910.0	0.40	144.50	5,909.9	-18.4	-11.5	-14.9	0.55	-0.41	-38.37
6,005.0	0.70	129.30	6,004.9	-19.1	-10.8	-14.4	0.35	0.32	-16.00
6,100.0	0.20	64.50	6,099.9	-19.4	-10.2	-13.8	0.67	-0.53	-68.21
6,195.0	0.50	14.20	6,194.9	-18.9	-10.0	-13.5	0.42	0.32	-52.95
6,292.0	0.20	306.80	6,291.9	-18.4	-10.0	-13.4	0.48	-0.31	-69.48
6,388.0	0.60	208.10	6,387.9	-18.7	-10.4	-13.9	0.69	0.42	-102.81
6,443.0	0.70	177.70	6,442.9	-19.3	-10.5	-14.1	0.64	0.18	-55.27
6,484.0	1.20	167.50	6,483.9	-20.0	-10.4	-14.1	1.28	1.22	-24.88
6,514.0	1.30	138.50	6,513.9	-20.5	-10.1	-14.0	2.11	0.33	-96.67
6,548.0	1.60	134.90	6,547.9	-21.2	-9.5	-13.5	0.92	0.88	-10.59
6,576.0	1.70	137.90	6,575.9	-21.7	-9.0	-13.1	0.47	0.36	10.71
6,602.0	2.00	129.00	6,601.8	-22.3	-8.3	-12.6	1.59	1.15	-34.23
6,633.0	2.40	116.00	6,632.8	-22.9	-7.3	-11.7	2.06	1.29	-41.94
6,665.0	3.10	104.40	6,664.8	-23.4	-5.9	-10.4	2.78	2.19	-36.25
6,697.0	3.50	104.40	6,696.7	-23.9	-4.1	-8.7	1.25	1.25	0.00
6,729.0	4.30	106.30	6,728.7	-24.5	-2.0	-6.8	2.53	2.50	5.94
6,760.0	4.70	102.30	6,759.6	-25.1	0.3	-4.6	1.64	1.29	-12.90
6,792.0	5.10	98.00	6,791.4	-25.6	3.0	-2.1	1.70	1.25	-13.44
6,832.0	5.70	94.30	6,831.3	-26.0	6.8	1.5	1.73	1.50	-9.25
6,865.0	6.40	91.40	6,864.1	-26.1	10.2	4.9	2.31	2.12	-8.79
6,897.0	6.50	87.50	6,895.9	-26.1	13.8	8.4	1.40	0.31	-12.19
6,920.0	7.10	84.80	6,918.7	-25.9	16.6	11.1	2.96	2.61	-11.74
6,959.0	8.10	82.60	6,957.4	-25.3	21.7	16.3	2.67	2.56	-5.64
6,991.0	9.20	80.90	6,989.0	-24.6	26.4	21.1	3.53	3.44	-5.31
7,024.0	10.00	78.00	7,021.5	-23.6	31.8	26.6	2.83	2.42	-8.79
7,055.0	10.10	77.00	7,052.1	-22.4	37.1	32.0	0.65	0.32	-3.23
7,088.0	9.90	77.40	7,084.6	-21.2	42.7	37.7	0.64	-0.61	1.21
7,121.0	9.90	77.80	7,117.1	-20.0	48.3	43.4	0.21	0.00	1.21
7,151.0	10.00	78.90	7,146.6	-18.9	53.3	48.6	0.72	0.33	3.67
7,183.0	10.40	78.50	7,178.1	-17.8	58.9	54.2	1.27	1.25	-1.25
7,216.0	9.70	77.30	7,210.6	-16.6	64.5	60.0	2.21	-2.12	-3.64
7,247.0	9.10	74.50	7,241.2	-15.4	69.4	65.0	2.43	-1.94	-9.03
7,279.0	8.70	72.50	7,272.8	-14.0	74.2	70.0	1.58	-1.25	-6.25
7,311.0	9.80	72.40	7,304.4	-12.4	79.1	75.1	3.44	3.44	-0.31
7,335.0	10.40	74.90	7,328.0	-11.2	83.1	79.3	3.10	2.50	10.42
7,366.0	11.10	78.30	7,358.5	-9.9	88.7	85.0	3.05	2.26	10.97
7,398.0	10.50	79.90	7,389.9	-8.8	94.6	91.0	2.10	-1.87	5.00
7,430.0	10.00	80.90	7,421.4	-7.8	100.2	96.7	1.66	-1.56	3.12
7,462.0	9.70	80.10	7,452.9	-6.9	105.6	102.2	1.03	-0.94	-2.50
7,494.0	10.10	80.50	7,484.5	-6.0	111.1	107.7	1.27	1.25	1.25
7,527.0	10.80	79.10	7,516.9	-4.9	117.0	113.7	2.26	2.12	-4.24
7,557.0	11.30	77.00	7,546.3	-3.7	122.6	119.4	2.14	1.67	-7.00
7,589.0	11.50	73.90	7,577.7	-2.1	128.7	125.8	2.01	0.62	-9.69
7,622.0	12.00	71.50	7,610.0	-0.1	135.1	132.4	2.12	1.52	-7.27
7,652.0	11.90	68.70	7,639.4	2.0	141.0	138.6	1.96	-0.33	-9.33
7,684.0	11.50	68.20	7,670.7	4.4	147.0	145.0	1.29	-1.25	-1.56
7,716.0	11.80	70.70	7,702.1	6.6	153.0	151.3	1.83	0.94	7.81
7,748.0	10.70	74.40	7,733.4	8.5	159.0	157.5	4.11	-3.44	11.56
7,780.0	9.50	72.90	7,764.9	10.1	164.4	163.1	3.84	-3.75	-4.69
7,816.0	9.10	70.70	7,800.5	11.9	169.9	168.9	1.49	-1.11	-6.11

Company:	Whiting Petroleum	**Local Co-ordinate Reference:**	Well UTE Tribal 15-30-14-20
Project:	Uintah County, UT	**TVD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Site:	UTE Tribal 15-30-14-20	**MD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Well:	UTE Tribal 15-30-14-20	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.16 Single User Db

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)
7,848.0	10.00	69.70	7,832.0	13.7	174.9	174.2	2.86	2.81	-3.12
7,882.0	11.90	76.30	7,865.4	15.6	181.1	180.6	6.69	5.59	19.41
7,912.0	14.30	81.90	7,894.6	16.8	187.7	187.4	9.04	8.00	18.67
7,944.0	15.30	85.50	7,925.6	17.7	195.9	195.5	4.24	3.12	11.25
7,975.0	13.50	90.50	7,955.6	18.0	203.6	203.1	7.05	-5.81	16.13
8,007.0	12.50	91.90	7,986.8	17.8	210.8	210.1	3.28	-3.12	4.37
8,040.0	12.80	91.80	8,019.0	17.6	218.0	217.2	0.91	0.91	-0.30
8,073.0	12.70	90.50	8,051.2	17.5	225.3	224.3	0.92	-0.30	-3.94
8,103.0	12.00	87.70	8,080.5	17.6	231.7	230.6	3.07	-2.33	-9.33
8,136.0	11.40	86.30	8,112.8	17.9	238.4	237.2	2.01	-1.82	-4.24
8,199.0	11.80	94.30	8,174.5	17.8	251.0	249.6	2.63	0.63	12.70
8,232.0	12.20	97.40	8,206.8	17.1	257.8	256.1	2.30	1.21	9.39
8,267.0	13.20	95.40	8,240.9	16.3	265.5	263.5	3.12	2.86	-5.71
8,300.0	13.70	90.80	8,273.0	15.9	273.1	270.9	3.58	1.52	-13.94
8,332.0	14.80	89.40	8,304.0	15.8	281.0	278.6	3.60	3.44	-4.37
8,364.0	16.30	87.40	8,334.9	16.1	289.6	287.1	4.98	4.69	-6.25
8,398.0	17.90	84.30	8,367.3	16.8	299.5	297.0	5.41	4.71	-9.12
8,429.0	19.20	81.40	8,396.7	18.1	309.3	306.8	5.14	4.19	-9.35
8,461.0	19.40	77.70	8,426.9	20.0	319.7	317.4	3.87	0.62	-11.56
8,492.0	19.50	75.10	8,456.2	22.4	329.8	327.7	2.81	0.32	-8.39
8,524.0	19.20	76.20	8,486.4	25.0	340.0	338.3	1.48	-0.94	3.44
8,556.0	18.90	78.50	8,516.6	27.3	350.2	348.7	2.53	-0.94	7.19
8,587.0	18.30	75.50	8,546.0	29.5	359.8	358.6	3.64	-1.94	-9.68
8,622.0	18.20	71.80	8,579.2	32.6	370.4	369.5	3.32	-0.29	-10.57
8,649.0	18.20	70.20	8,604.9	35.4	378.3	377.9	1.85	0.00	-5.93
8,682.0	17.50	71.80	8,636.3	38.7	387.9	387.9	2.59	-2.12	4.85
8,713.0	17.20	70.30	8,665.9	41.7	396.6	397.1	1.74	-0.97	-4.84
8,745.0	18.20	64.70	8,696.4	45.4	405.6	406.6	6.17	3.12	-17.50
8,777.0	18.40	63.40	8,726.8	49.8	414.6	416.3	1.42	0.62	-4.06
8,808.0	18.60	63.40	8,756.2	54.2	423.4	425.8	0.65	0.65	0.00
8,840.0	19.50	62.70	8,786.4	58.9	432.7	435.9	2.90	2.81	-2.19
8,872.0	20.30	61.60	8,816.5	64.0	442.4	446.3	2.76	2.50	-3.44
8,906.0	20.10	61.60	8,848.4	69.6	452.7	457.5	0.59	-0.59	0.00
8,939.0	18.90	62.90	8,879.5	74.7	462.4	468.1	3.87	-3.64	3.94
8,969.0	18.10	63.80	8,908.0	79.0	471.0	477.3	2.83	-2.67	3.00
9,001.0	17.40	65.40	8,938.4	83.2	479.8	486.8	2.67	-2.19	5.00
9,032.0	17.80	64.30	8,968.0	87.2	488.3	495.9	1.68	1.29	-3.55
9,065.0	17.70	65.20	8,999.4	91.5	497.4	505.6	0.88	-0.30	2.73
9,097.0	17.20	65.70	9,029.9	95.5	506.1	515.0	1.63	-1.56	1.56
9,129.0	16.80	67.10	9,060.5	99.2	514.7	524.1	1.79	-1.25	4.37
9,160.0	16.10	66.00	9,090.3	102.7	522.7	532.7	2.47	-2.26	-3.55
9,193.0	16.30	64.30	9,122.0	106.6	531.1	541.6	1.56	0.61	-5.15
9,223.0	15.30	59.30	9,150.8	110.4	538.3	549.5	5.63	-3.33	-16.67
9,256.0	14.90	56.00	9,182.7	115.0	545.5	557.5	2.87	-1.21	-10.00
9,287.0	14.30	60.20	9,212.7	119.1	552.1	564.8	3.92	-1.94	13.55
9,318.0	14.00	62.90	9,242.7	122.8	558.8	572.0	2.34	-0.97	8.71
9,350.0	13.10	65.60	9,273.9	126.0	565.6	579.3	3.44	-2.81	8.44
9,382.0	11.70	65.70	9,305.1	128.9	571.8	586.0	4.38	-4.37	0.31
9,413.0	10.70	69.40	9,335.5	131.2	577.4	591.9	3.97	-3.23	11.94
9,446.0	9.80	75.60	9,368.0	132.9	583.0	597.7	4.31	-2.73	18.79
9,477.0	9.20	80.50	9,398.6	134.0	588.0	602.8	3.25	-1.94	15.81
9,509.0	9.40	70.40	9,430.1	135.3	592.9	608.0	5.13	0.62	-31.56
9,541.0	10.00	66.50	9,461.7	137.3	598.0	613.3	2.78	1.87	-12.19
9,573.0	9.50	70.70	9,493.2	139.3	603.0	618.6	2.72	-1.56	13.12

Company:	Whiting Petroleum	**Local Co-ordinate Reference:**	Well UTE Tribal 15-30-14-20
Project:	Uintah County, UT	**TVD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Site:	UTE Tribal 15-30-14-20	**MD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Well:	UTE Tribal 15-30-14-20	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.16 Single User Db

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)
9,605.0	8.80	74.60	9,524.8	140.8	607.8	623.7	2.92	-2.19	12.19
9,637.0	8.70	65.80	9,556.4	142.4	612.4	628.5	4.19	-0.31	-27.50
9,668.0	8.90	59.50	9,587.1	144.6	616.6	633.0	3.17	0.65	-20.32
9,699.0	8.30	64.30	9,617.7	146.8	620.7	637.5	3.02	-1.94	15.48
9,731.0	8.90	60.30	9,649.4	149.0	624.9	642.1	2.65	1.87	-12.50
9,763.0	9.20	60.30	9,681.0	151.5	629.3	646.8	0.94	0.94	0.00
9,795.0	8.10	64.00	9,712.6	153.8	633.6	651.4	3.85	-3.44	11.56
9,824.0	7.60	66.10	9,741.3	155.4	637.1	655.3	1.99	-1.72	7.24
9,856.0	7.50	66.50	9,773.1	157.1	641.0	659.4	0.35	-0.31	1.25
9,890.0	7.50	68.60	9,806.8	158.8	645.1	663.8	0.81	0.00	6.18
9,919.0	7.40	69.50	9,835.5	160.2	648.6	667.5	0.53	-0.34	3.10
9,949.0	6.30	67.20	9,865.3	161.5	651.9	671.0	3.78	-3.67	-7.67
9,981.0	5.60	64.60	9,897.1	162.8	655.0	674.2	2.34	-2.19	-8.12
10,013.0	6.00	69.10	9,929.0	164.1	657.9	677.4	1.89	1.25	14.06
10,045.0	5.70	70.40	9,960.8	165.2	661.0	680.6	1.02	-0.94	4.06
10,077.0	3.40	66.00	9,992.7	166.2	663.4	683.1	7.26	-7.19	-13.75
10,107.0	3.10	61.50	10,022.7	166.9	664.9	684.7	1.31	-1.00	-15.00
10,144.0	2.60	71.70	10,059.6	167.6	666.6	686.5	1.92	-1.35	27.57
10,175.0	2.60	70.50	10,090.6	168.1	667.9	687.9	0.18	0.00	-3.87
10,209.0	0.80	78.30	10,124.6	168.4	668.8	688.9	5.33	-5.29	22.94
10,240.0	0.80	113.90	10,155.6	168.4	669.3	689.3	1.58	0.00	114.84
10,270.0	0.70	124.40	10,185.6	168.2	669.6	689.6	0.57	-0.33	35.00
10,300.0	0.80	125.20	10,215.6	167.9	669.9	689.9	0.34	0.33	2.67
10,332.0	0.70	42.00	10,247.6	168.0	670.2	690.2	3.12	-0.31	-260.00
10,364.0	0.80	136.80	10,279.6	167.9	670.5	690.5	3.46	0.31	296.25
10,397.0	1.00	128.20	10,312.6	167.6	670.9	690.8	0.73	0.61	-26.06
10,428.0	1.10	136.90	10,343.5	167.2	671.3	691.1	0.61	0.32	28.06
10,460.0	0.70	176.30	10,375.5	166.8	671.5	691.3	2.23	-1.25	123.12
10,493.0	0.50	180.10	10,408.5	166.5	671.6	691.2	0.62	-0.61	11.52
10,527.0	0.60	141.30	10,442.5	166.2	671.7	691.2	1.11	0.29	-114.12
10,558.0	1.00	174.50	10,473.5	165.8	671.8	691.3	1.92	1.29	107.10
10,590.0	1.20	146.40	10,505.5	165.2	672.0	691.4	1.78	0.62	-87.81
10,620.0	0.80	172.40	10,535.5	164.7	672.2	691.5	1.98	-1.33	86.67
10,655.0	0.50	129.80	10,570.5	164.4	672.4	691.6	1.57	-0.86	-121.71
10,687.0	0.80	144.10	10,602.5	164.1	672.6	691.8	1.06	0.94	44.69
10,717.0	0.80	144.90	10,632.5	163.8	672.8	691.9	0.04	0.00	2.67
10,747.0	0.80	167.70	10,662.5	163.4	673.0	692.0	1.05	0.00	76.00
10,779.0	0.90	167.40	10,694.5	163.0	673.1	692.0	0.31	0.31	-0.94
10,810.0	1.00	162.70	10,725.5	162.5	673.2	692.1	0.41	0.32	-15.16
10,843.0	1.20	174.40	10,758.5	161.8	673.4	692.1	0.91	0.61	35.45
10,876.0	1.30	179.90	10,791.5	161.1	673.4	691.9	0.47	0.30	16.67
10,905.0	1.30	179.10	10,820.5	160.5	673.4	691.8	0.06	0.00	-2.76
10,937.0	1.40	182.80	10,852.5	159.7	673.4	691.7	0.41	0.31	11.56
10,969.0	1.60	191.50	10,884.5	158.9	673.3	691.4	0.95	0.62	27.19
11,003.0	1.50	192.90	10,918.5	158.0	673.1	691.0	0.31	-0.29	4.12
11,035.0	1.50	195.70	10,950.4	157.2	672.9	690.7	0.23	0.00	8.75
11,066.0	1.40	193.20	10,981.4	156.4	672.7	690.3	0.38	-0.32	-8.06
11,095.0	1.30	199.20	11,010.4	155.8	672.5	690.0	0.60	-0.34	20.69
11,126.0	1.30	201.50	11,041.4	155.1	672.2	689.6	0.17	0.00	7.42
11,163.0	1.50	198.70	11,078.4	154.2	671.9	689.2	0.57	0.54	-7.57
11,194.0	1.50	201.00	11,109.4	153.5	671.7	688.7	0.19	0.00	7.42
11,225.0	1.60	206.00	11,140.4	152.7	671.3	688.3	0.54	0.32	16.13
11,263.0	1.80	204.30	11,178.4	151.7	670.8	687.6	0.54	0.53	-4.47
11,297.0	1.50	196.00	11,212.4	150.8	670.5	687.1	1.13	-0.88	-24.41

Crescent Directional Drilling L.P.

Survey Report

Whiting Petroleum Corporation

Company:	Whiting Petroleum	**Local Co-ordinate Reference:**	Well UTE Tribal 15-30-14-20
Project:	Uintah County, UT	**TVD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Site:	UTE Tribal 15-30-14-20	**MD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Well:	UTE Tribal 15-30-14-20	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.16 Single User Db

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)
11,327.0	1.20	187.00	11,242.3	150.1	670.4	686.8	1.22	-1.00	-30.00
11,359.0	1.00	183.20	11,274.3	149.5	670.3	686.6	0.66	-0.62	-11.87
11,390.0	0.70	183.30	11,305.3	149.0	670.3	686.5	0.97	-0.97	0.32
11,421.0	0.80	159.00	11,336.3	148.6	670.3	686.5	1.07	0.32	-78.39
11,454.0	0.80	203.20	11,369.3	148.2	670.3	686.4	1.82	0.00	133.94
11,485.0	0.80	226.30	11,400.3	147.9	670.1	686.1	1.03	0.00	74.52
11,514.0	0.30	298.20	11,429.3	147.7	669.9	685.9	2.63	-1.72	247.93
11,547.0	1.00	328.40	11,462.3	148.0	669.7	685.7	2.29	2.12	91.52
11,578.0	1.30	358.80	11,493.3	148.6	669.5	685.7	2.16	0.97	98.06
11,609.0	1.40	351.20	11,524.3	149.3	669.4	685.7	0.66	0.32	-24.52
11,644.0	0.90	8.80	11,559.3	150.0	669.4	685.9	1.73	-1.43	50.29
11,674.0	0.60	9.80	11,589.3	150.4	669.5	686.0	1.00	-1.00	3.33
11,705.0	0.40	20.00	11,620.3	150.7	669.5	686.1	0.70	-0.65	32.90
11,737.0	0.50	359.40	11,652.3	150.9	669.6	686.2	0.59	0.31	-64.37
11,770.0	0.50	14.10	11,685.3	151.2	669.6	686.3	0.39	0.00	44.55
11,802.0	0.50	3.20	11,717.3	151.5	669.7	686.4	0.30	0.00	-34.06
11,835.0	0.70	9.30	11,750.3	151.8	669.7	686.5	0.64	0.61	18.48
12,200.0	0.70	9.30	12,115.3	156.2	670.4	688.1	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (m)	Easting (m)	Latitude	Longitude
UTE 15-30-14-20	0.00	0.00	12,200.0	137.5	683.0	2,113,323.81	678,566.79	39° 20' 7.675 N	109° 25' 42.687 W
- survey misses by 87.7ft at 12200.0ft MD (12115.3 TVD, 156.2 N, 670.4 E)									
- Circle (radius 200.0)									

Checked By: _____ Approved By: _____ Date: _____

HALLIBURTON

WHITING OIL & GAS CORP

Ute Tribal 15-30-14-20
FLAT ROCK
Uintah County , Utah

Cement Surface Casing

04-Aug-2008

Job Site Documents

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 306489	**Ship To #:** 2668864	**Quote #:**	**Sales Order #:** 6052343
Customer: WHITING OIL & GAS CORP EBUSINESS		**Customer Rep:** WHITING, JACK	
Well Name: Ute Tribal	**Well #:** 15-30-14-20		**API/UWI #:**
Field: FLAT ROCK	**City (SAP):** VERNAL	**County/Parish:** Uintah	**State:** Utah
Contractor: Rathole	**Rig/Platform Name/Num:** RATHOLE RATHOLE		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: KRUGER, ROBERT	**Srvc Supervisor:** RAYBOULD, DAVID	**MBU ID Emp #:** 325481	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AINSWORTH, BENJAMIN B	4	446277	GARCIA, MARCUS M	4	446107	RAYBOULD, DAVID L	4	325481
SHAVER, SCOTT L	4	361436	STEVENS, MICHAEL	4	448174			

Equipment

HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*

Job Hours

Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours
8/4/08	4	2						
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name			
Formation Depth (MD)	**Top**		**Bottom**
Form Type		**BHST**	
Job depth MD	500. ft	**Job Depth TVD**	500. ft
Water Depth		**Wk Ht Above Floor**	1. ft
Perforation Depth (MD)	*From*		**To**

Job Times

	Date	Time	Time Zone
Called Out			
On Location	04 - Aug - 2008	18:00	MST
Job Started	04 - Aug - 2008	19:00	MST
Job Completed	04 - Aug - 2008	21:00	MST
Departed Loc	04 - Aug - 2008	23:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
14 3/4" Open Hole				14.75				.	500.		
10 3/4" Surface Casing	Unknown		10.75	9.95	45.5			.	500.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
CLR,FLOAT,10 3/4 8RD,32.75-55.5#/FT	1	EA		
SHOE,GID,10 3/4 8RD,CEM	1	EA		
CTRZR ASSY,API,10 3/4 CSG X 14 3/4 H	5	EA		
CLAMP - LIMIT - 10-3/4 - HINGED -	1	EA		
KIT,HALL WELD-A	2	EA		
PLUG,CMTG,TOP,10 3/4,HWE,9.09 MIN/10.09	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

HALLIBURTON *Cementing Job Summary*

Miscellaneous Materials															
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%		
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty			

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Gel Water		0.00	bbl	8.34	.0	.0	.0	
2	Primary Cement	ROCKIES LT - SBM (430481)	330.0	sacks	13.5	1.8	9.33		9.33
	0.25 lbm	KWIK SEAL, SK (100064010)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	9.333 Gal	FRESH WATER							
3	Water Displacement		44.24	bbl	8.34	.0	.0	.0	
4	Top Out Cement	CMT - STANDARD TYPE III - FINE (100012229)	0	sacks	14.5	1.41	6.86		6.86
	94 lbm	CMT - STANDARD TYPE III - FINE , BULK (100012229)							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	6.855 Gal	FRESH WATER							

Calculated Values		Pressures		Volumes					
Displacement	43.7	Shut In: Instant		Lost Returns	0	Cement Slurry	106	Pad	
Top Of Cement	Surface	5 Min		Cement Returns	30	Actual Displacement	44	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	

Rates									
Circulating	3	Mixing	3	Displacement	3 then 2	Avg. Job	3		
Cement Left In Pipe	Amount 40 ft	Reason	Shoe Joint						
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		

The Information Stated Herein Is Correct	Customer Representative Signature

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 306489	**Ship To #:** 2668864	**Quote #:**	**Sales Order #:** 6052343
Customer: WHITING OIL & GAS CORP EBUSINESS		**Customer Rep:** WHITING, JACK	
Well Name: Ute Tribal	**Well #:** 15-30-14-20		**API/UWI #:**
Field: FLAT ROCK	**City (SAP):** VERNAL	**County/Parish:** Uintah	**State:** Utah
Legal Description:			
Lat:		**Long:**	
Contractor: Rathole	**Rig/Platform Name/Num:** RATHOLE RATHOLE		
Job Purpose: Cement Surface Casing			**Ticket Amount:**
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: KRUGER, ROBERT	**Srvc Supervisor:** RAYBOULD, DAVID		**MBU ID Emp #:** 325481

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Other Job or Site	08/04/2008 18:00							Moved Over from 1st Surface.
Assessment Of Location Safety Meeting	08/04/2008 18:01							
Safety Meeting - Pre Rig-Up	08/04/2008 18:05							
Rig-Up Equipment	08/04/2008 18:10							
Other	08/04/2008 18:20							Water test: Temp 75 pH 7 Sulfates <200 Iron 0 Clorides 0
Rig-Up Completed	08/04/2008 18:40							
Safety Meeting - Pre Job	08/04/2008 18:50							
Pressure Test	08/04/2008 19:05							2000 PSI
Circulate Well	08/04/2008 19:07		3	60			.0	Fill the casing.
Pump Gel - Start	08/04/2008 19:22		3	20			12.0	
Pump Cement - Start	08/04/2008 19:28		3	106			22.0	Cement @ 13.4# 1.8 Y 9.33 W
Shutdown	08/04/2008 20:15							
Drop Plug	08/04/2008 20:16							Take off swedge and drop plug.
Pump Displacement - Start	08/04/2008 20:30		3	74				
Bump Plug	08/04/2008 20:44							Bumped @175 PSI
Check Floats	08/04/2008 20:50							Floats held the 2nd time we checked them.
End Job	08/04/2008 21:16							Over 30 bbls of cement to surface.

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WHITING OIL & GAS CORP EBUSINESS
DO NOT MAIL - 1700 BROADWAY STE2300
DENVER, Colorado

Ute Tribal 15-30-14-20D

NABORS/270

Post Job Summary
Cement Intermediate Casing

Prepared for:
Date Prepared:
Version: 1

Service Supervisor: TANNER, BARRY

Submitted by: HALLIBURTON

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Wellbore Geometry

Job Tubulars					MD		TVD		Excess	Shoe Joint Length
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	Top ft	Bottom ft	%	ft
Casing	10 3/4" Surface Casing	10.75	9.950	40.50	0.00	500.00				40.00
Open Hole Section	9 1/2" Open Hole		9.500		500.00	4,400.00			75.00	
Casing	7 5/8" Intermediate Casing	7.63	6.875	26.40	0.00	4,400.00				40.00

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Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	FRESH WATER WITH CLAYFIX II	8.34	0.00		.0
1	2	Spacer	Super Flush	9.20	0.00		.0
1	3	Spacer	FRESH WATER WITH CLAYFIX II	8.34	0.00		.0
1	4	Cement Slurry	Tuned Light RS1	10.80			.0
1	5	Cement Slurry	Premium Cement	15.80			.0
1	6	Mud	Mud Displacement	10.00	0.00		.0

Fluids Pumped

Stage/Plug # 1 **Fluid 1:** FRESH WATER WITH CLAYFIX II

DUMMY MUD / FLUSH / SPACER SBC MATERIAL
0.1 gal/bbl Clayfix II

Fluid Density: 8.34 lbm/gal
Pump Rate: 0.00 bbl/min

Stage/Plug # 1 **Fluid 2:** Super Flush

DUMMY MUD / FLUSH / SPACER SBC MATERIAL
68 lbm/bbl Halliburton Super Flush

Fluid Density: 9.20 lbm/gal
Pump Rate: 0.00 bbl/min

Stage/Plug # 1 **Fluid 3:** FRESH WATER WITH CLAYFIX II

DUMMY MUD / FLUSH / SPACER SBC MATERIAL
0.1 gal/bbl Clayfix II

Fluid Density: 8.34 lbm/gal
Pump Rate: 0.00 bbl/min

Stage/Plug # 1 **Fluid 4:** Tuned Light RS1

TUNED LIGHT (TM) SYSTEM

Fluid Weight: 10.80 lbm/gal
Slurry Yield: 4.14 ft3/sack
Total Mixing Fluid: 25.49 Gal
Calculated Fill: 3,900.00 ft
Calculated Top of Fluid: 0.00 ft
Estimated Top of Fluid:

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Stage/Plug # 1 **Fluid 5:** Premium Cement

Premium Cement

94 lbm	Premium Cement
0.3 %	Halad(R)-344
0.25 %	CFR-3
0.35 %	HR-5
0.2 %	Super CBL

Fluid Weight:	15.80 lbm/gal
Slurry Yield:	1.15 ft3/sack
Total Mixing Fluid:	4.94 Gal
Calculated Fill:	500.00 ft
Calculated Top of Fluid:	3,900.00 ft
Estimated Top of Fluid:	

Stage/Plug # 1 **Fluid 6:** Mud Displacement

Fluid Density:	10.00 lbm/gal
Pump Rate:	0.00 bbl/min
Fluid Gels:	
Mud PV/YP:	

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Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)		Comments
10/03/2008 10:00		Call Out							
10/03/2008 11:15		Depart Yard Safety Meeting							
10/03/2008 11:30		Depart from Service Center or Other Site							
10/03/2008 15:45		Arrive At Loc							
10/03/2008 16:00		Assessment Of Location Safety Meeting							
10/03/2008 16:15		Wait on Customer or Customer Sub-Contractor Equip							
10/04/2008 04:45		Wait on Customer or Customer Sub-Contractor Equipm							
10/04/2008 05:10		Pre-Rig Up Safety Meeting							
10/04/2008 05:45		Rig-Up Completed							
10/04/2008 06:00		Pre-Job Safety Meeting							
10/04/2008 06:25		Other							MIX SUPERFLUSH
10/04/2008 07:10		Pump Water	4	10				171.0	
10/04/2008 07:20		Pump Spacer	4	40				177.0	
10/04/2008 07:34		Pump Water	4	20				121.0	
10/04/2008 07:43		Pump Lead Cement	54	170				236.0	MIX AND PUMP 230 SACKS TUNEDLITE RSI @ 10.8 PPG 4.14FT3 25.49 GPS
10/04/2008 08:12		Pump Tail Cement	5.4	31.8				212.0	MIX AND PUMP 155 SACKS CLASS G @ 15.8 PPG 1.152FT3 4.94GPS
10/04/2008 08:23		Drop Top Plug							
10/04/2008 08:24		Pump Displacement	6	0				30.0	PUMP WATER DISPLACEMENT
10/04/2008 08:39		Slow Rate	5	90				100.0	
10/04/2008 08:58		Slow Rate	4	180				728.0	
10/04/2008 09:00		Slow Rate	2	190				851.0	
10/04/2008 09:03		Bump Plug	2	195				850.0	
10/04/2008 09:08		Check Floats						1050.0	FLOATS HELD/1.5 BBL TO TRUCK
10/04/2008 09:10		End Job							
10/04/2008 09:50		Depart Location Safety Meeting							
10/04/2008 10:00		Depart Location for Service Center or Other Site							

HALLIBURTON *Cementing Job Summary*

The Road to Excellence Starts with Safety

Sold To #: 306489	**Ship To #:** 2668864	**Quote #:**	**Sales Order #:** 6220669
Customer: WHITING OIL & GAS CORP EBUSINESS		**Customer Rep:** REEVES, JACK	
Well Name: Ute Tribal	**Well #:** 15-30-14-20D		**API/UWI #:**
Field: FLAT ROCK	**City (SAP):** VERNAL	**County/Parish:** Uintah	**State:** Utah
Legal Description: Section 30 Township 14S Range 20E			
Contractor: NABORS	**Rig/Platform Name/Num:** 270		
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well	**Job Type:** Cement Intermediate Casing		
Sales Person: COLLINS, JAMES	**Srvc Supervisor:** TANNER, BARRY	**MBU ID Emp #:** 306194	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CICIRELLO, CHRISTOPHER David		392902	GRAY, ELISA Kristin		245109	TANNER, BARRY Christophe		306194
WALLACE, TYLER		408055	WIDICK, KEITH R		446255			

Equipment

HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*

Job Hours

Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name			
Formation Depth (MD)	**Top**	**Bottom**	
Form Type		**BHST**	
Job depth MD	4400. ft	**Job Depth TVD**	4400. ft
Water Depth		**Wk Ht Above Floor**	
Perforation Depth (MD)	*From*	**To**	

Job Times

	Date	Time	Time Zone
Called Out			
On Location			
Job Started			
Job Completed			
Departed Loc			

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
9 1/2" Open Hole				9.5				500.	4400.		
10 3/4" Surface Casing	Unknown		10.75	9.95	40.5			.	500.		
7 5/8" Intermediate Casing	Unknown		7.625	6.875	26.4			.	4400.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,7 5/8,HWE,6.24 MIN/7.13 MA	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Gulde Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			

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Cementing Job Summary

Miscellaneous Materials

Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	FRESH WATER WITH CLAYFIX II		20.0	bbl	8.34	.0	.0	.0	
	0.1 gal/bbl	CLAYFIX II, HALTANK (100003729)							
2	Super Flush		40.0	bbl	9.2	.0	.0	.0	
	68 lbm/bbl	HALLIBURTON SUPER FLUSH (100003639)							
3	FRESH WATER WITH CLAYFIX II		20.0	bbl	8.34	.0	.0	.0	
	0.1 gal/bbl	CLAYFIX II, HALTANK (100003729)							
4	Tuned Light RS1	TUNED LIGHT (TM) SYSTEM (452984)	230.0	sacks	10.8	4.14	25.49		25.49
	24.864 Gal	FRESH WATER							
5	Premium Cement	CMT - PREMIUM CEMENT (100003687)	155.0	sacks	15.8	1.15	4.94		4.94
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	4.944 Gal	FRESH WATER							
	0.3 %	HALAD(R)-344, 50 LB (100003670)							
	0.25 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	0.35 %	HR-5, 50 LB SK (100005050)							
	0.2 %	SUPER CBL, 50 LB PAIL (100003668)							
6	Mud Displacement		200.189	bbl	10.			.0	

Calculated Values / Pressures / Volumes

Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	

Rates

Circulating		Mixing		Displacement		Avg. Job							
Cement Left In Pipe		Amount	40 ft	Reason	Shoe Joint								
Frac Ring # 1 @		ID		Frac ring # 2 @		ID		Frac Ring # 3 @		ID		Frac Ring # 4 @		ID	

The Information Stated Herein Is Correct	Customer Representative Signature

HALLIBURTON

Cementing Call for Services

The Road to Excellence Starts with Safety

Sold To #: **306489**	Ship To #: **UNKNOWN**	Primary Sales Order #: **0**	
Customer: **WHITING OIL & GAS CORP EBUSINESS**		Job Purpose: **Cement Production Casing**	
Well Name: **Ute Tribal**		Well #: **15-30-14-20D**	API/UWI #:
Field: **FLAT ROCK**	City: **UNKNOWN**	County/Parish: **Uintah**	State/Prov: **Utah**
Legal Description: **Section 30 Township 14S Range 20E**			
Customer Rep: **REEVES, JACK** Mobile:**281-833-2839**			
Ordered By: **REEVES, JACK** Mobile:**281-833-2839**			
Contractor: **NABORS;**			
Rig/Platform Name/Num: **270**			Location: **Land**
Sales Person: **COLLINS, JAMES**			Status: **Pending/Will-Call**

PPE, Safety Huddles, JSA's, HOC & Near Miss Reporting, BBP Observations

Distance/Mileage(1 way) Srvcs:	**80.0 miles**	Distance/Mileage(1 way) Mtls:	**80.0 miles**
Call Taken By:	**SHANE MUSIC**	Call Taken Date/Time:	

HSE Information

H2S Present:	**Unknown**	CO2 Present:	**Unknown**

Drive Safely, Lights On for Safety, Wear Seat Belts, Observe all HES / Customer Safety Policies.

Directions:

WEST ON HIGHWAY 40 TO HIGHWAY 88 (OURAY TURN), TURH LEFT, GO THROUGH OURAY TO SEEP RIDGE ROAD FOLLOW MAIN ROAD TO BUCK CANYON +/-20 MILES TURN RIGHT FOLLOW MAIN ROAD TO BOTTOM OF DUGWAY TURN RIGHT TO FLAT ROCK SIGN TURN LEFT AND CROSS BRIDGE AND FOLLOW RIG SIGNS TO LOCATION.

Remarks

Pumping Equipment (Generic)

Description	Qty	Comments	Description	Qty	Comments
RCM PUMP TRUCK	1		BULK TRUCKS	1	
FIELD STORAGE BIN	1		HOSE TRAILER	1	

Surface Equipment (Generic)

Description	Qty	Comments	Description	Qty	Comments
PLUG CONTAINER	1		QUICK-LATCH ATTACHMENT	1	
SWAGE	1				

Job Info / Well Data

Job Depth (MD) ft	Job Depth (TVD) ft	Max Pressure psig	Well Fluid Type	Well Fluid Weight lbm/gal	Displacement Fluid	Displ Fluid Weight lbm/gal
13245.0	.0			9.5		

BHST degF	Source	BHCT degF	Source	Log Temp degF	Time Since Circ Stopped
		180			

Job Tubulars/Tools

Description	Size in	Weight lbm/ft	ID in	Thread	Grade	Top MD ft	Btm MD ft	Top TVD ft	Btm TVD ft	Shoe Jnt ft	% Excess
7 5/8" Intermediate Casing	7.625	26.4	6.875			0.0	4,200.0			40.0	
4 1/2" Production Casing	4.5	13.5	3.92			0.0	13,245.0			40.0	
6 1/8" Open Hole			6.125			4,200.0	13,245.0				40

Tie on Connection

Size: **4 1/2 in**	Thread: **8 RD**	Type: **Casing**	Cross Over Required: **No**

Materials

Stage/Plug #: 1

Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
1	Fresh Water		10.00	bbl	8.34				
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
2	SUPER FLUSH	SUPER FLUSH 101 - SBM (12199)	20.00	bbl	10.0				
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
3	Fresh Water		10.00	bbl	8.34				
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
4	ELASTISEAL SYSTEM	ELASTISEAL (TM) SYSTEM (450262)	700	sacks	14.3	1.47	6.27		6.41
1.5 %		FDP-C760-04, TOTE TANK (101439825) Mix-On-Fly to Slurry							
6.266 Gal		FRESH WATER Mix-On-Fly to Slurry							
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
5	ELASTISEAL SYSTEM	ELASTISEAL (TM) SYSTEM (450262)	60	sacks	14.3	1.47	6.4		6.4
6.4 Gal		FRESH WATER Mix-On-Fly to Slurry							
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
6	Displacement		181.59	bbl	8.34				
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
7	Cap Cement	Cap Cement	200	sacks	14.6	1.55	7.35		7.35
94 lbm		CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685) Pre-Mix Dry							
12 %		CAL-SEAL 60, 50 LB BAG (101217146) Pre-Mix Dry							
3 %		CALCIUM CHLORIDE - HI TEST PELLET (100005053) Pre-Mix Dry							
7.347 Gal		FRESH WATER Mix-On-Fly to Slurry							

Caution: Displacement quantities and densities are estimates ONLY! Do not use them for the actual job.

Packaged Materials

SAP #	Material	Qty	UOM	Comments
13451	FLO-CHEK A , BULK	419.94	Gal	
101439825	FDP-C760-04, TOTE TANK	99.5	Gal	

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 306489	**Ship To #:** 2668864	**Quote #:**	**Sales Order #:** 6312358
Customer: WHITING OIL & GAS CORP EBUSINESS		**Customer Rep:** REEVE, JACK	
Well Name: Ute Tribal	**Well #:** 15-30-14-20		**API/UWI #:** 043-047-39942
Field: FLAT ROCK	**City (SAP):** DENVER	**County/Parish:** Uintah	**State:** Utah
Legal Description: Section 30 Township 14S Range 20E			
Lat: N 39.564 deg. OR N 39 deg. 33 min. 50.796 secs.		**Long:** W 109.719 deg. OR W -110 deg. 16 min. 53.04 secs.	
Contractor: NABORS	**Rig/Platform Name/Num:** 270		
Job Purpose: Cement Production Casing			**Ticket Amount:**
Well Type: Development Well	**Job Type:** Cement Production Casing		
Sales Person: COLLINS, JAMES	**Srvc Supervisor:** ESTEP, KENNETH		**MBU ID Emp #:** 214387

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/13/2008 06:00							
Depart Yard Safety Meeting	11/13/2008 08:00							
Depart from Service Center or Other Site	11/13/2008 08:15							
Arrive at Location from Service Center	11/13/2008 11:30							
Assessment Of Location Safety Meeting	11/13/2008 11:45							
Standby - Other - see comments	11/13/2008 12:00							Wait on Casing Crew
Pre-Rig Up Safety Meeting	11/13/2008 15:00							
Rig-Up Equipment	11/13/2008 15:15							
Rig-Up Completed	11/13/2008 17:30							
Pre-Job Safety Meeting	11/13/2008 18:00							With Company Man & Rig Crew
Pump Water	11/13/2008 19:07		3.9	2		475.0		Pump 2 bbl Water Ahead to fill lines
Pressure Test	11/13/2008 19:10							Pressure Test Failed, Found Leaky Valve Replaced Valve
Pump Water	11/13/2008 19:28		1.1	2		375.0		Fill lines with water again
Pressure Test	11/13/2008 19:29					6015.0		Pressure Test Cement to 6000 PSI
Pressure Test	11/13/2008 19:30					8028.0		Pressure Test N2 to 8000 PSO
Pump SUPERFLUSH XLC	11/13/2008 19:49		5.3	30		872.0		Pump SUPERFLUSH XLC @ 10.0 PPG
Pump Water	11/13/2008 19:54		5.6	10		1133.0		Pump 10 Fresh Behind

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump 1st Lead Slurry	11/13/2008 19:59		5.4	60		1544.0		Pump 1st Foam Lead Cement @ 14.3 Foamed to 9.5 PPG (230 sks, 1.48 yld, 6.4 WR)
Pump 2nd Lead Slurry	11/13/2008 20:11		5.3	115		1750.0		Pump 2nd Foam Lead Cement @ 14.3 foamed to 11 PPG (440 sks, 1.48 yld, 6.4 WR)
Pump Tail Cement	11/13/2008 20:32		5.1	30.3		1152.0		Pump Unfoamed Tail @ 14.3 PPG (115 sks, 1.48 yld, 6.4 WR)
Drop Plug	11/13/2008 20:41							Wash Pumps and Lines to Pit
Pump Displacement	11/13/2008 20:48		2	188.1		81.0		Start Clayfix displacement @ 5 BPM 1 gal/10 bbl (2.6 gal/1000 gal concentration)
Displ Reached Cmnt	11/13/2008 21:02		5		60	472.0		Displacement reached cement @ 60 BBL Away
Slow Rate	11/13/2008 21:10		4		100	680.0		Slow Rate to 4 BPM @ 100 BBL Away
Record Pressure	11/13/2008 21:20		5		140	1160.0		140 BBL Away
Slow Rate	11/13/2008 21:27		2		170	1505.0		Slow Rate to 2 BPM @ 170 BBL Away
Pump Water	11/13/2008 21:29		3	10		345.0		Pump 10 Fresh Ahead
Bump Plug	11/13/2008 21:35				188.1	1845.0		Bump Plug @ 188 BBL Away Pressure Up to 2345 hold and check floats
Check Floats	11/13/2008 21:40							Floats held with 2 BBL Back
Pressure Up	11/13/2008 21:41					250.0		Pressure Up to 250 PSI Hold for 5 minutes
Pressure Up	11/13/2008 21:45					600.0		Pressure Up to 600 PSI, Hold for 5 minutes
Shut In Well	11/13/2008 21:50							
Post-Job Safety Meeting (Pre Rig-Down)	11/13/2008 21:55							
Rig-Down Equipment	11/13/2008 22:00							
Rig-Down Completed	11/13/2008 23:00							

Sold To # : 306489 Ship To # :2668864 Quote # : Sales Order # : 6312358

SUMMIT Version: 7.20.130 Thursday, November 13, 2008 10:19:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	11/13/2008 23:15							
Depart Location for Service Center or Other Site	11/13/2008 23:30							

Whiting Oil & Gas Corp
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Completion Report Info

Well Name: UTE TRIBAL 15-30-14-20

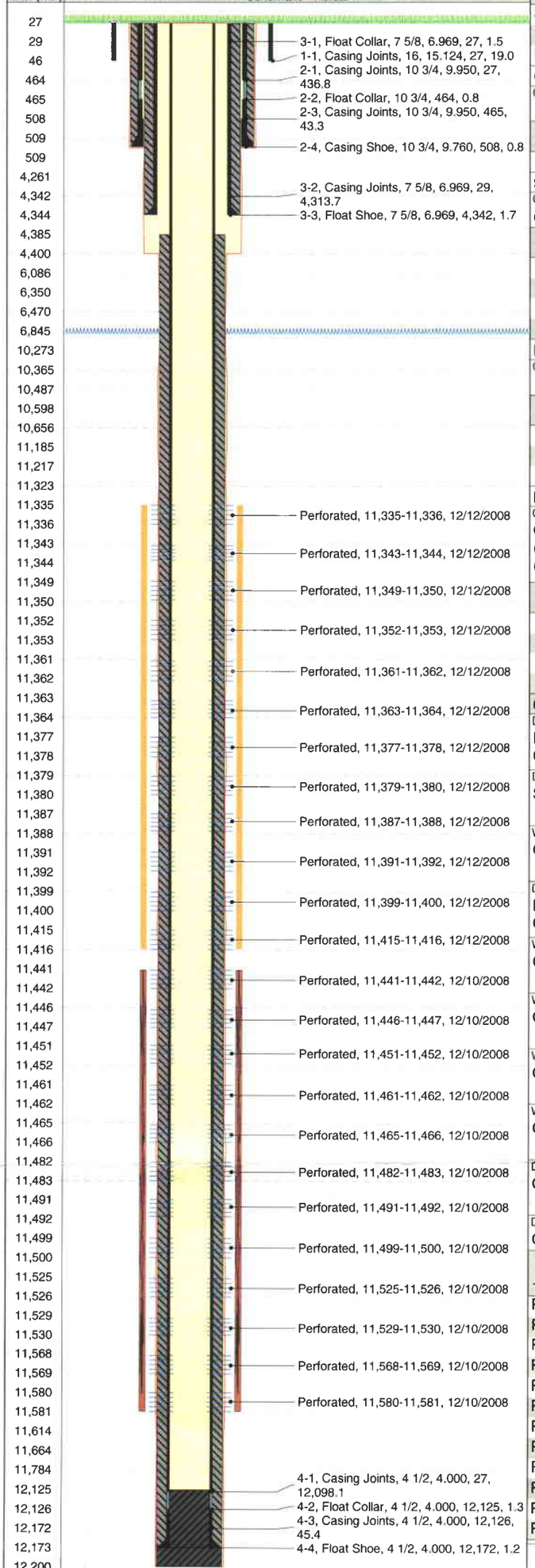
WPC ID	API Number	N/S Dist (ft)	N/S ...	E/W Dist (ft)	E/W ...	Qtr/Qtr	Section	Town...	Range	Field Name	Operator	County	State
1UT026841	4304739942	381.0	FSL	2,229.0	FEL	SW/SE	30	14S	20E	Flat Rock	WOGC	Uintah	UT

Gr Elev (ft)	Orig KB Elv (ft)	KB-Grd (ft)	Drilling Contact	Responsible Engineer	Responsible Foreman	Geology Contact	Original Spud Date	Completion Date	First Production Date
7,264.00	7,291.00	27.00	Dana	Tom Smith	Danny Widner	John Forster	8/3/2008	12/12/2008	12/15/2008

Rigs

Contractor	Rig No.	Rig Type	Start Date	RR Date	TD (ft)	TD Date	Comment
Nabors Drilling	270	Drilling	9/16/2008	11/14/2008	12,200.00	11/10/08	

Well Config: Deviated/Directional - Original Hole, 1/21/2009 10:31:20 AM



Section	Wellbore Name	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date	End Date
Surface	Original Hole	12 1/4	27.0	508.7	8/3/2008	8/4/2008
Intermediate	Original Hole	9 1/2	508.7	4,400.0	9/27/2008	10/1/2008
Production	Original Hole	6 1/2	4,400.0	12,200.0	10/4/2008	11/10/2008

Conductor Pipe, 46.0ftKB

Comment: | Run Date: 2/4/2008

OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Description
16	75.00	J-55	27.0	46.0	19.00	Casing Joints

Surface Csg, 508.7ftKB

Comment: cut off 26.98' 10-3/4" 45.5# K-55 | Run Date: 8/4/2008

OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Description
10 3/4	45.50	J-55	27.0	463.8	436.78	Casing Joints
10 3/4			463.8	464.6	0.83	Float Collar
10 3/4	45.50	J-55	464.6	507.9	43.26	Casing Joints
10 3/4			507.9	508.7	0.83	Casing Shoe

Intermediate Casing, 4,343.9ftKB

Comment: | Run Date: 10/3/2008

OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Description
7 5/8			27.0	28.5	1.50	Float Collar
7 5/8	26.40	K-55	28.5	4,342.2	4,313.69	Casing Joints
7 5/8	26.40		4,342.2	4,343.9	1.71	Float Shoe

Production Csg, 12,173.0ftKB

Comment: Cut off 27' 4-1/2" 11.6# P-110, Marker joints @ 11339.59' (Entrada Top), 10276.69 (Dakota Group Top), 6345.94' (Mancos Top). | Run Date: 11/13/2008

OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Description
4 1/2	11.60	P-110	27.0	12,125.1	12,098.13	Casing Joints
4 1/2	11.60	P-110	12,125.1	12,126.4	1.26	Float Collar
4 1/2	11.60	P-110	12,126.4	12,171.8	45.41	Casing Joints
4 1/2	11.60	P-110	12,171.8	12,173.0	1.20	Float Shoe

Cement Stages

Description	Pump Start Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth	MD Tagge...
Intermediate Casing Cement	10/4/2008	27.0	4,343.9		
Surface Casing Cement	8/4/2008	27.0	508.7	Returns to Surface	

Wellbore	Fluid Type	Amount (sa...	Class	Est Top (ftKB)	Est Btm (ftKB)	V (bbl)
Original Hole	Surface Cement	333	Lite	27.0	508.7	106.0

Description	Pump Start Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth	MD Tagge...
Production Casing Cement	11/13/2008	4,385.0	12,173.0		

Wellbore	Fluid Type	Amount (sa...	Class	Est Top (ftKB)	Est Btm (ftKB)	V (bbl)
Original Hole	1st Lead Cement	230		4,385.0	5,526.0	60.0
Original Hole	2nd Lead Cement	440		5,526.0	9,891.0	115.0
Original Hole	Tail Cement	115		9,891.0	12,173.0	30.0
Original Hole	Cap cement	200	G			

Description	Pump Start Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth	MD Tagge...
Cement Plug	11/13/2008	12,125.0	12,173.0	Volume Calculations	
Cement Below shoe	11/13/2008	12,173.0	12,200.0		

Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (sho...	Cal... Shot Total
Perforat...	12/12/2008	11,335.0	11,336.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,343.0	11,344.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,349.0	11,350.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,352.0	11,353.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,361.0	11,362.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,363.0	11,364.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,377.0	11,378.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,379.0	11,380.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,387.0	11,388.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,391.0	11,392.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,399.0	11,400.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,415.0	11,416.0	Entrada, Original Hole	3.0	3

Report Printed: 1/21/2009

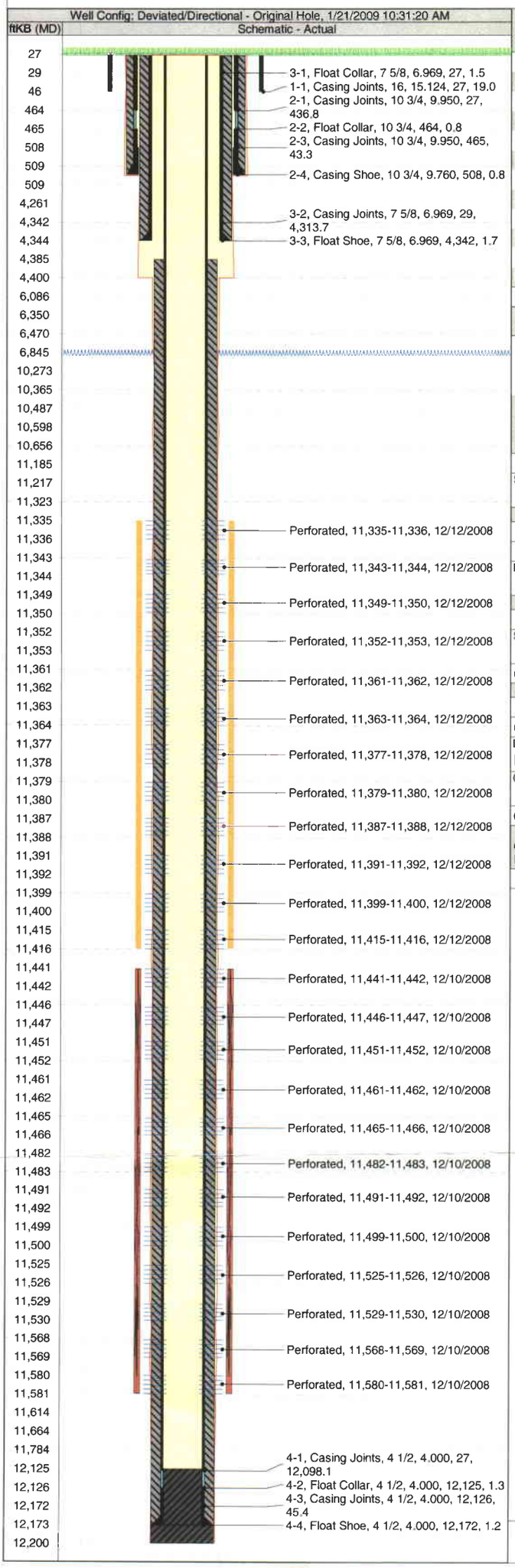
Whiting Oil & Gas Corp
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Completion Report Info

Well Name: UTE TRIBAL 15-30-14-20

WPC ID	API Number	N/S Dist (ft)	N/S ...	E/W Dist (ft)	E/W ...	Qtr/Qtr	Section	Town...	Range	Field Name	Operator	County	State
1UT026841	4304739942	381.0	FSL	2,229.0	FEL	SW/SE	30	14S	20E	Flat Rock	WOGC	Uintah	UT

Gr Elev (ft)	Orig KB Elv (ft)	KB-Grd (ft)	Drilling Contact	Responsible Engineer	Responsible Foreman	Geology Contact	Original Spud Date	Completion Date	First Production Date
7,264.00	7,291.00	27.00	Dana	Tom Smith	Danny Widner	John Forster	8/3/2008	12/12/2008	12/15/2008



Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (sho...	Cal... Shot Total
Perforat...	12/10/2008	11,441.0	11,442.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,446.0	11,447.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,451.0	11,452.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,461.0	11,462.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,465.0	11,466.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,482.0	11,483.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,491.0	11,492.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,499.0	11,500.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,525.0	11,526.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,529.0	11,530.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,568.0	11,569.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,580.0	11,581.0	Entrada, Original Hole	3.0	3

Stim/Treat Stages

Stage Type	Start Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	V (pumped) (bbl)
Frac	12/13/2008	11,335.0	11,416.0	121400# 20/40,44299gal pHaserFrac 30 w/65Q 202 tns, CO2	1055.00
Frac	12/12/2008	11,441.0	11,581.0	80700# 20/40 wh snd, phaserfrac 30 w/213 tns 65 Q, CO2	1046.00

Set Depth (ftKB)	Comment	Run Date	Pull Date

Item Description	OD (in)	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)

Rod Description	Comment	Run Date	Pull Date

Item Description	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)

String Description

Other String Components

Item Description	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	ID (in)

Other In Hole

Description	OD (in)	Run Date	Pull Date	Top (ftKB)	Bottom (ftKB)
FT Comp BP	3.999	12/12/2008	1/8/2009	11,430.0	11,431.0

Comment

Cores

C... No.	Date	Wellbore	Top (ftKB)	Btm (ftKB)	Recov (ft)	% Recov (%)	Comment

Report Printed: 1/21/2009

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

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: U-19837
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: Ute Tribal 15-30-14-20
9. API NUMBER: 4304739942
10 FIELD AND POOL, OR WILDCAT: Flat Rock
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 30 14S 20E
12. COUNTY: Uintah
13. STATE: UTAH

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
2. NAME OF OPERATOR: Whiting Oil and Gas Corporation
3. ADDRESS OF OPERATOR: 1700 Broadway, #2300 CITY Denver STATE CO ZIP 80290
PHONE NUMBER: (303) 837-1661
4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 381 FSL 2229 FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 531 FSL 1559 FEL
AT TOTAL DEPTH: 537 FSL 1559 FEL

14. DATE SPUDDED: 8/3/2008
15. DATE T.D. REACHED: 11/10/2008
16. DATE COMPLETED: 12/15/2008 ABANDONED ☐ READY TO PRODUCE ☑
17. ELEVATIONS (DF, RKB, RT, GL): 7264 GR, 7291 KB
18. TOTAL DEPTH: MD 12,200 TVD 12,115
19. PLUG BACK T.D.: MD 12,125 TVD 12,040
20. IF MULTIPLE COMPLETIONS, HOW MANY? * No
21. DEPTH BRIDGE PLUG SET: MD TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
GR-CBL-CCL DIL/SP/GR/FDC/CNL/PE/BHC Sonic
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
12 1/4"	10 3/4 J55	45	27	509		Lite 330	106	27	
9 1/2"	7 5/8 K55	26.4	27	4,344		Lite 230	170	27	
						G 155	32		
6 1/2"	4 1/2 P110	11.6	27	12,173		Foam 670	175	4385	
						G 115	30		

25. TUBING RECORD

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**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Entrada	11,335	11,581	11,250	11,496	11,335 11,336	.35	3	Open ☑ Squeezed ☐
(B)					11,343 11,344	.35	3	Open ☑ Squeezed ☐
(C)					11,349 11,350	.35	3	Open ☑ Squeezed ☐
(D)					11,352 11,353	.35	3	Open ☑ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
11335-11416	121400# 20/40 wh snd, 44299 gals PhaserFrac 30 w/202 tons 65Q CO2
11441-11581	80700# 20/40 sw snd, 36497 gals PhaserFrac 30 w/213 tons 65Q CO2

29. ENCLOSED ATTACHMENTS:
☑ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☑ OTHER: Well Diag, Cmt

30. WELL STATUS: Producing

RECEIVED
JAN 26 2009
DIV. OF OIL, GAS & MINING

(5/2000) **(CONTINUED ON BACK)**

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:
12/15/2008	1/16/2009	24		44	9,305	105	Flowing

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:
40/64		1,438	45.00	1,001	211,477		44	9,305	105	Producing

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.)

Sold

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.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
Mesaverde	4,261
Castlegate	6,086
Mancos	6,350
Dakota	10,365
Cedar Mtn	10,487
Buckhorn	10,598
Morrison	10,656
Entrada	11,323
Kayenta	11,664
Wingate	11,784

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) Pauleen Tobin TITLE Engineer Technician

SIGNATURE  DATE 1/22/09

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

(5/2000)

Whiting Oil and Gas Corporation
Form 8
Ute Tribal 15-30-14-20

27. Perforation Record continued for:

	Perforation Interval	Size	# of Holes	Perf Status
Entrada 11628-92'	11361-64	.35	6	Open
	11377-80	.35	6	Open
	11387-88	.35	3	Open
	11391-92	.35	3	Open
	11399-400	.35	3	Open
	11415-16	.35	3	Open
	11441-42	.35	3	Open
	11446-47	.35	3	Open
	11451-52	.35	3	Open
	11461-62	.35	3	Open
	11465-66	.35	3	Open
	11482-83	.35	3	Open
	11491-92	.35	3	Open
	11499-500	.35	3	Open
	11525-26	.35	3	Open
	11529-30	.35	3	Open
	11568-69	.35	3	Open
	11580-81	.35	3	Open

CRESCENT DIRECTIONAL DRILLING

Whiting Petroleum

Uintah County, UT
UTE Tribal 15-30-14-20
UTE Tribal 15-30-14-20
Wellbore #1

Survey: Survey #1

Standard Survey Report

12 November, 2008

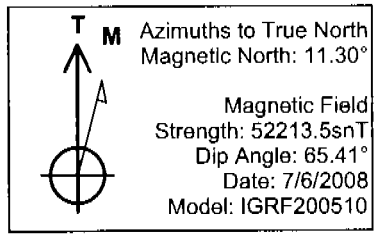
WHITING

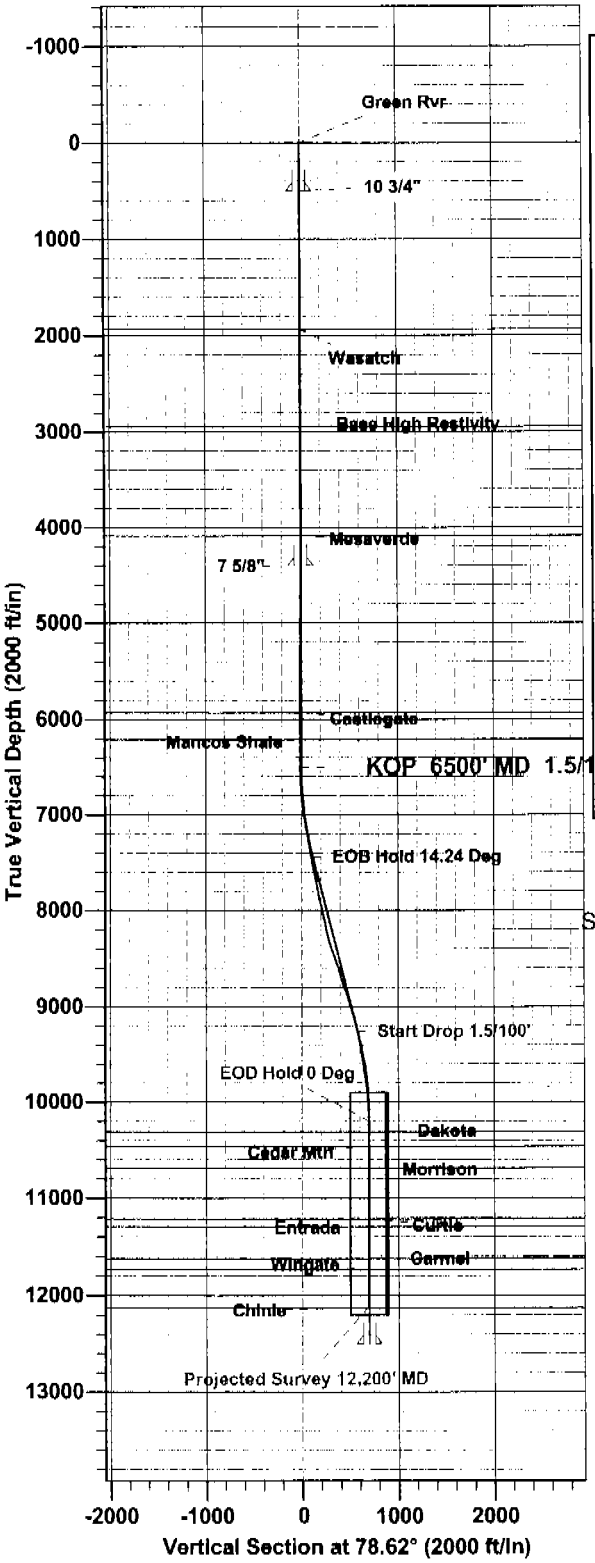
Whiting Petroleum Corporation

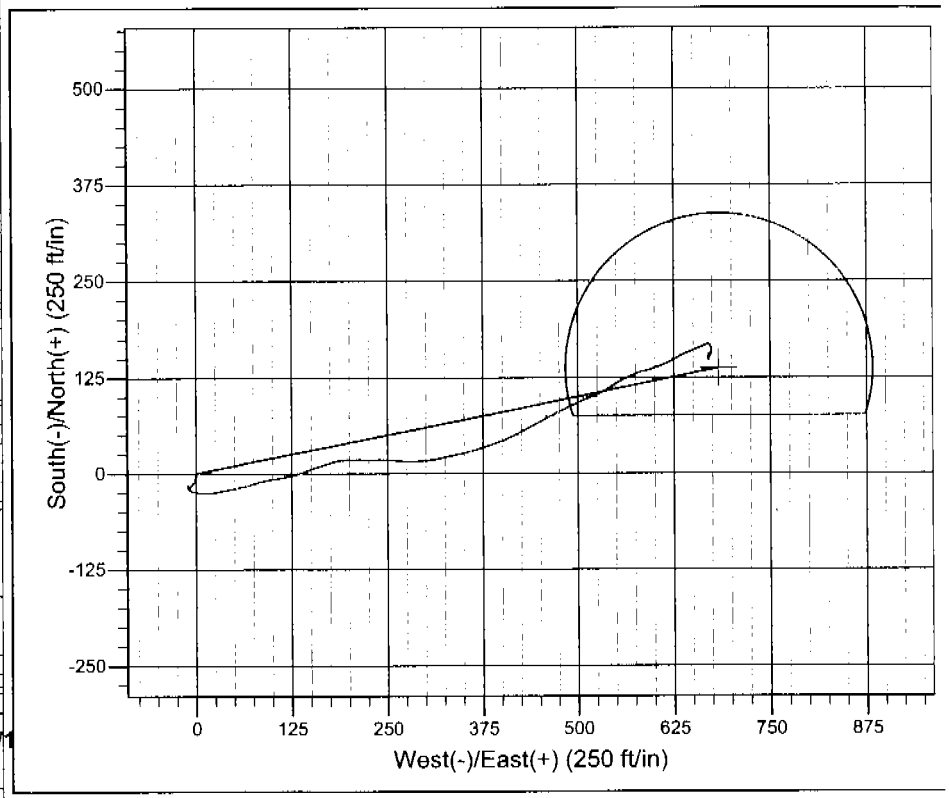
Whiting Petroleum
UTE Tribal 15-30-14-20
Uintah County, UT

Whiting Petroleum Corporation

PROJECT DETAILS: Uintah County, UT	
Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	Utah Central Zone







SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Targ
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	6500.0	0.00	0.00	6500.0	0.0	0.0	0.00	0.00	0.0	
3	7449.1	14.24	78.62	7439.4	23.2	115.0	1.50	78.62	117.3	
4	9328.1	14.24	78.62	9260.6	114.3	568.0	0.00	0.00	579.4	
5	10277.2	0.00	0.00	10200.0	137.5	683.0	1.50	180.00	696.7	
6	12577.2	0.00	0.00	12500.0	137.5	683.0	0.00	0.00	696.7	

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1.0	1.0	Green Rvr
1935.0	1935.0	Wasatch
2944.0	2944.0	Base High Restivity
4090.0	4090.0	Mesaverde
5928.0	5928.0	Castlegate
6212.0	6212.0	Mancos Shale
10307.0	10384.2	Dakota
10462.0	10539.2	Cedar Mtn
10688.0	10765.2	Morrison
11215.0	11292.2	Curtis
11294.0	11371.2	Entrada
11624.0	11701.2	Carmel
11733.0	11810.2	Wingate
12128.0	12205.2	Chinle

Crescent Directional Drilling L.P.

Survey Report

Whiting Petroleum Corporation

Company:	Whiting Petroleum	**Local Co-ordinate Reference:**	Well UTE Tribal 15-30-14-20
Project:	Uintah County, UT	**TVD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Site:	UTE Tribal 15-30-14-20	**MD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Well:	UTE Tribal 15-30-14-20	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.16 Single User Db

Project Uintah County, UT

Map System:	US State Plane 1983	**System Datum:**	Ground Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site UTE Tribal 15-30-14-20

Site Position:		**Northing:**	2,113,277.11 m	**Latitude:**	39° 20' 6.317 N
From:	Lat/Long	**Easting:**	678,359.62 m	**Longitude:**	109° 25' 51.380 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	in	**Grid Convergence:**	1.33 °

Well UTE Tribal 15-30-14-20

Well Position	**+N/-S**	0.0 ft	**Northing:**	2,113,277.11 m	**Latitude:**	39° 20' 6.317 N
	+E/-W	0.0 ft	**Easting:**	678,359.62 m	**Longitude:**	109° 25' 51.380 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	0.0 ft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	7/6/2008	11.30	65.41	52,214

Design Wellbore #1

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.0	0.0	0.0	78.62

Survey Program **Date** 11/12/2008

From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
4,379.0	12,200.0	Survey #1 (Wellbore #1)	MWD	

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
4,379.0	0.30	190.80	4,379.0	-11.3	-2.1	-4.3	0.01	0.01	0.00
4,475.0	0.20	221.00	4,475.0	-11.6	-2.3	-4.6	0.17	-0.10	31.46
4,562.0	0.50	224.20	4,562.0	-12.0	-2.7	-5.0	0.35	0.34	3.68
4,667.0	0.60	244.90	4,667.0	-12.6	-3.5	-5.9	0.21	0.10	19.71
4,762.0	0.70	213.30	4,762.0	-13.3	-4.3	-6.8	0.39	0.11	-33.26
4,858.0	0.90	226.40	4,858.0	-14.3	-5.1	-7.8	0.28	0.21	13.65
4,954.0	0.50	216.20	4,954.0	-15.1	-5.9	-8.8	0.43	-0.42	-10.62
5,049.0	0.70	223.50	5,048.9	-15.9	-6.6	-9.6	0.22	0.21	7.68
5,144.0	0.70	261.40	5,143.9	-16.4	-7.5	-10.6	0.48	0.00	39.89
5,230.0	0.90	261.60	5,229.9	-16.6	-8.7	-11.8	0.23	0.23	0.23
5,334.0	0.70	265.00	5,333.9	-16.8	-10.2	-13.3	0.20	-0.19	3.27
5,432.0	0.20	302.80	5,431.9	-16.7	-10.9	-14.0	0.57	-0.51	38.57

Company:	Whiting Petroleum	**Local Co-ordinate Reference:**	Well UTE Tribal 15-30-14-20
Project:	Uintah County, UT	**TVD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Site:	UTE Tribal 15-30-14-20	**MD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Well:	UTE Tribal 15-30-14-20	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.16 Single User Db

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)
5,527.0	0.40	302.80	5,526.9	-16.5	-11.3	-14.3	0.21	0.21	0.00
5,622.0	0.20	279.20	5,621.9	-16.2	-11.8	-14.7	0.24	-0.21	-24.84
5,718.0	0.40	151.30	5,717.9	-16.5	-11.8	-14.8	0.57	0.21	-133.23
5,812.0	0.80	162.10	5,811.9	-17.5	-11.6	-14.9	0.53	0.43	32.77
5,910.0	0.40	144.50	5,909.9	-18.4	-11.5	-14.9	0.55	-0.41	-38.37
6,005.0	0.70	129.30	6,004.9	-19.1	-10.8	-14.4	0.35	0.32	-16.00
6,100.0	0.20	64.50	6,099.9	-19.4	-10.2	-13.8	0.67	-0.53	-68.21
6,195.0	0.50	14.20	6,194.9	-18.9	-10.0	-13.5	0.42	0.32	-52.95
6,292.0	0.20	306.80	6,291.9	-18.4	-10.0	-13.4	0.48	-0.31	-69.48
6,388.0	0.60	208.10	6,387.9	-18.7	-10.4	-13.9	0.69	0.42	-102.81
6,443.0	0.70	177.70	6,442.9	-19.3	-10.5	-14.1	0.64	0.18	-55.27
6,484.0	1.20	167.50	6,483.9	-20.0	-10.4	-14.1	1.28	1.22	-24.88
6,514.0	1.30	138.50	6,513.9	-20.5	-10.1	-14.0	2.11	0.33	-96.67
6,548.0	1.60	134.90	6,547.9	-21.2	-9.5	-13.5	0.92	0.88	-10.59
6,576.0	1.70	137.90	6,575.9	-21.7	-9.0	-13.1	0.47	0.36	10.71
6,602.0	2.00	129.00	6,601.8	-22.3	-8.3	-12.6	1.59	1.15	-34.23
6,633.0	2.40	116.00	6,632.8	-22.9	-7.3	-11.7	2.06	1.29	-41.94
6,665.0	3.10	104.40	6,664.8	-23.4	-5.9	-10.4	2.78	2.19	-36.25
6,697.0	3.50	104.40	6,696.7	-23.9	-4.1	-8.7	1.25	1.25	0.00
6,729.0	4.30	106.30	6,728.7	-24.5	-2.0	-6.8	2.53	2.50	5.94
6,760.0	4.70	102.30	6,759.6	-25.1	0.3	-4.6	1.64	1.29	-12.90
6,792.0	5.10	98.00	6,791.4	-25.6	3.0	-2.1	1.70	1.25	-13.44
6,832.0	5.70	94.30	6,831.3	-26.0	6.8	1.5	1.73	1.50	-9.25
6,865.0	6.40	91.40	6,864.1	-26.1	10.2	4.9	2.31	2.12	-8.79
6,897.0	6.50	87.50	6,895.9	-26.1	13.8	8.4	1.40	0.31	-12.19
6,920.0	7.10	84.80	6,918.7	-25.9	16.6	11.1	2.96	2.61	-11.74
6,959.0	8.10	82.60	6,957.4	-25.3	21.7	16.3	2.67	2.56	-5.64
6,991.0	9.20	80.90	6,989.0	-24.6	26.4	21.1	3.53	3.44	-5.31
7,024.0	10.00	78.00	7,021.5	-23.6	31.8	26.6	2.83	2.42	-8.79
7,055.0	10.10	77.00	7,052.1	-22.4	37.1	32.0	0.65	0.32	-3.23
7,088.0	9.90	77.40	7,084.6	-21.2	42.7	37.7	0.64	-0.61	1.21
7,121.0	9.90	77.80	7,117.1	-20.0	48.3	43.4	0.21	0.00	1.21
7,151.0	10.00	78.90	7,146.6	-18.9	53.3	48.6	0.72	0.33	3.67
7,183.0	10.40	78.50	7,178.1	-17.8	58.9	54.2	1.27	1.25	-1.25
7,216.0	9.70	77.30	7,210.6	-16.6	64.5	60.0	2.21	-2.12	-3.64
7,247.0	9.10	74.50	7,241.2	-15.4	69.4	65.0	2.43	-1.94	-9.03
7,279.0	8.70	72.50	7,272.8	-14.0	74.2	70.0	1.58	-1.25	-6.25
7,311.0	9.80	72.40	7,304.4	-12.4	79.1	75.1	3.44	3.44	-0.31
7,335.0	10.40	74.90	7,328.0	-11.2	83.1	79.3	3.10	2.50	10.42
7,366.0	11.10	78.30	7,358.5	-9.9	88.7	85.0	3.05	2.26	10.97
7,398.0	10.50	79.90	7,389.9	-8.8	94.6	91.0	2.10	-1.87	5.00
7,430.0	10.00	80.90	7,421.4	-7.8	100.2	96.7	1.66	-1.56	3.12
7,462.0	9.70	80.10	7,452.9	-6.9	105.6	102.2	1.03	-0.94	-2.50
7,494.0	10.10	80.50	7,484.5	-6.0	111.1	107.7	1.27	1.25	1.25
7,527.0	10.80	79.10	7,516.9	-4.9	117.0	113.7	2.26	2.12	-4.24
7,557.0	11.30	77.00	7,546.3	-3.7	122.6	119.4	2.14	1.67	-7.00
7,589.0	11.50	73.90	7,577.7	-2.1	128.7	125.8	2.01	0.62	-9.69
7,622.0	12.00	71.50	7,610.0	-0.1	135.1	132.4	2.12	1.52	-7.27
7,652.0	11.90	68.70	7,639.4	2.0	141.0	138.6	1.96	-0.33	-9.33
7,684.0	11.50	68.20	7,670.7	4.4	147.0	145.0	1.29	-1.25	-1.56
7,716.0	11.80	70.70	7,702.1	6.6	153.0	151.3	1.83	0.94	7.81
7,748.0	10.70	74.40	7,733.4	8.5	159.0	157.5	4.11	-3.44	11.56
7,780.0	9.50	72.90	7,764.9	10.1	164.4	163.1	3.84	-3.75	-4.69
7,816.0	9.10	70.70	7,800.5	11.9	169.9	168.9	1.49	-1.11	-6.11

Company:	Whiting Petroleum	**Local Co-ordinate Reference:**	Well UTE Tribal 15-30-14-20
Project:	Uintah County, UT	**TVD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Site:	UTE Tribal 15-30-14-20	**MD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Well:	UTE Tribal 15-30-14-20	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.16 Single User Db

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)
7,848.0	10.00	69.70	7,832.0	13.7	174.9	174.2	2.86	2.81	-3.12
7,882.0	11.90	76.30	7,865.4	15.6	181.1	180.6	6.69	5.59	19.41
7,912.0	14.30	81.90	7,894.6	16.8	187.7	187.4	9.04	8.00	18.67
7,944.0	15.30	85.50	7,925.6	17.7	195.9	195.5	4.24	3.12	11.25
7,975.0	13.50	90.50	7,955.6	18.0	203.6	203.1	7.05	-5.81	16.13
8,007.0	12.50	91.90	7,986.8	17.8	210.8	210.1	3.28	-3.12	4.37
8,040.0	12.80	91.80	8,019.0	17.6	218.0	217.2	0.91	0.91	-0.30
8,073.0	12.70	90.50	8,051.2	17.5	225.3	224.3	0.92	-0.30	-3.94
8,103.0	12.00	87.70	8,080.5	17.6	231.7	230.6	3.07	-2.33	-9.33
8,136.0	11.40	86.30	8,112.8	17.9	238.4	237.2	2.01	-1.82	-4.24
8,199.0	11.80	94.30	8,174.5	17.8	251.0	249.6	2.63	0.63	12.70
8,232.0	12.20	97.40	8,206.8	17.1	257.8	256.1	2.30	1.21	9.39
8,267.0	13.20	95.40	8,240.9	16.3	265.5	263.5	3.12	2.86	-5.71
8,300.0	13.70	90.80	8,273.0	15.9	273.1	270.9	3.58	1.52	-13.94
8,332.0	14.80	89.40	8,304.0	15.8	281.0	278.6	3.60	3.44	-4.37
8,364.0	16.30	87.40	8,334.9	16.1	289.6	287.1	4.98	4.69	-6.25
8,398.0	17.90	84.30	8,367.3	16.8	299.5	297.0	5.41	4.71	-9.12
8,429.0	19.20	81.40	8,396.7	18.1	309.3	306.8	5.14	4.19	-9.35
8,461.0	19.40	77.70	8,426.9	20.0	319.7	317.4	3.87	0.62	-11.56
8,492.0	19.50	75.10	8,456.2	22.4	329.8	327.7	2.81	0.32	-8.39
8,524.0	19.20	76.20	8,486.4	25.0	340.0	338.3	1.48	-0.94	3.44
8,556.0	18.90	78.50	8,516.6	27.3	350.2	348.7	2.53	-0.94	7.19
8,587.0	18.30	75.50	8,546.0	29.5	359.8	358.6	3.64	-1.94	-9.68
8,622.0	18.20	71.80	8,579.2	32.6	370.4	369.5	3.32	-0.29	-10.57
8,649.0	18.20	70.20	8,604.9	35.4	378.3	377.9	1.85	0.00	-5.93
8,682.0	17.50	71.80	8,636.3	38.7	387.9	387.9	2.59	-2.12	4.85
8,713.0	17.20	70.30	8,665.9	41.7	396.6	397.1	1.74	-0.97	-4.84
8,745.0	18.20	64.70	8,696.4	45.4	405.6	406.6	6.17	3.12	-17.50
8,777.0	18.40	63.40	8,726.8	49.8	414.6	416.3	1.42	0.62	-4.06
8,808.0	18.60	63.40	8,756.2	54.2	423.4	425.8	0.65	0.65	0.00
8,840.0	19.50	62.70	8,786.4	58.9	432.7	435.9	2.90	2.81	-2.19
8,872.0	20.30	61.60	8,816.5	64.0	442.4	446.3	2.76	2.50	-3.44
8,906.0	20.10	61.60	8,848.4	69.6	452.7	457.5	0.59	-0.59	0.00
8,939.0	18.90	62.90	8,879.5	74.7	462.4	468.1	3.87	-3.64	3.94
8,969.0	18.10	63.80	8,908.0	79.0	471.0	477.3	2.83	-2.67	3.00
9,001.0	17.40	65.40	8,938.4	83.2	479.8	486.8	2.67	-2.19	5.00
9,032.0	17.80	64.30	8,968.0	87.2	488.3	495.9	1.68	1.29	-3.55
9,065.0	17.70	65.20	8,999.4	91.5	497.4	505.6	0.88	-0.30	2.73
9,097.0	17.20	65.70	9,029.9	95.5	506.1	515.0	1.63	-1.56	1.56
9,129.0	16.80	67.10	9,060.5	99.2	514.7	524.1	1.79	-1.25	4.37
9,160.0	16.10	66.00	9,090.3	102.7	522.7	532.7	2.47	-2.26	-3.55
9,193.0	16.30	64.30	9,122.0	106.6	531.1	541.6	1.56	0.61	-5.15
9,223.0	15.30	59.30	9,150.8	110.4	538.3	549.5	5.63	-3.33	-16.67
9,256.0	14.90	56.00	9,182.7	115.0	545.5	557.5	2.87	-1.21	-10.00
9,287.0	14.30	60.20	9,212.7	119.1	552.1	564.8	3.92	-1.94	13.55
9,318.0	14.00	62.90	9,242.7	122.8	558.8	572.0	2.34	-0.97	8.71
9,350.0	13.10	65.60	9,273.9	126.0	565.6	579.3	3.44	-2.81	8.44
9,382.0	11.70	65.70	9,305.1	128.9	571.8	586.0	4.38	-4.37	0.31
9,413.0	10.70	69.40	9,335.5	131.2	577.4	591.9	3.97	-3.23	11.94
9,446.0	9.80	75.60	9,368.0	132.9	583.0	597.7	4.31	-2.73	18.79
9,477.0	9.20	80.50	9,398.6	134.0	588.0	602.8	3.25	-1.94	15.81
9,509.0	9.40	70.40	9,430.1	135.3	592.9	608.0	5.13	0.62	-31.56
9,541.0	10.00	66.50	9,461.7	137.3	598.0	613.3	2.78	1.87	-12.19
9,573.0	9.50	70.70	9,493.2	139.3	603.0	618.6	2.72	-1.56	13.12

Company:	Whiting Petroleum	**Local Co-ordinate Reference:**	Well UTE Tribal 15-30-14-20
Project:	Uintah County, UT	**TVD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Site:	UTE Tribal 15-30-14-20	**MD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Well:	UTE Tribal 15-30-14-20	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.16 Single User Db

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)
9,605.0	8.80	74.60	9,524.8	140.8	607.8	623.7	2.92	-2.19	12.19
9,637.0	8.70	65.80	9,556.4	142.4	612.4	628.5	4.19	-0.31	-27.50
9,668.0	8.90	59.50	9,587.1	144.6	616.6	633.0	3.17	0.65	-20.32
9,699.0	8.30	64.30	9,617.7	146.8	620.7	637.5	3.02	-1.94	15.48
9,731.0	8.90	60.30	9,649.4	149.0	624.9	642.1	2.65	1.87	-12.50
9,763.0	9.20	60.30	9,681.0	151.5	629.3	646.8	0.94	0.94	0.00
9,795.0	8.10	64.00	9,712.6	153.8	633.6	651.4	3.85	-3.44	11.56
9,824.0	7.60	66.10	9,741.3	155.4	637.1	655.3	1.99	-1.72	7.24
9,856.0	7.50	66.50	9,773.1	157.1	641.0	659.4	0.35	-0.31	1.25
9,890.0	7.50	68.60	9,806.8	158.8	645.1	663.8	0.81	0.00	6.18
9,919.0	7.40	69.50	9,835.5	160.2	648.6	667.5	0.53	-0.34	3.10
9,949.0	6.30	67.20	9,865.3	161.5	651.9	671.0	3.78	-3.67	-7.67
9,981.0	5.60	64.60	9,897.1	162.8	655.0	674.2	2.34	-2.19	-8.12
10,013.0	6.00	69.10	9,929.0	164.1	657.9	677.4	1.89	1.25	14.06
10,045.0	5.70	70.40	9,960.8	165.2	661.0	680.6	1.02	-0.94	4.06
10,077.0	3.40	66.00	9,992.7	166.2	663.4	683.1	7.26	-7.19	-13.75
10,107.0	3.10	61.50	10,022.7	166.9	664.9	684.7	1.31	-1.00	-15.00
10,144.0	2.60	71.70	10,059.6	167.6	666.6	686.5	1.92	-1.35	27.57
10,175.0	2.60	70.50	10,090.6	168.1	667.9	687.9	0.18	0.00	-3.87
10,209.0	0.80	78.30	10,124.6	168.4	668.8	688.9	5.33	-5.29	22.94
10,240.0	0.80	113.90	10,155.6	168.4	669.3	689.3	1.58	0.00	114.84
10,270.0	0.70	124.40	10,185.6	168.2	669.6	689.6	0.57	-0.33	35.00
10,300.0	0.80	125.20	10,215.6	167.9	669.9	689.9	0.34	0.33	2.67
10,332.0	0.70	42.00	10,247.6	168.0	670.2	690.2	3.12	-0.31	-260.00
10,364.0	0.80	136.80	10,279.6	167.9	670.5	690.5	3.46	0.31	296.25
10,397.0	1.00	128.20	10,312.6	167.6	670.9	690.8	0.73	0.61	-26.06
10,428.0	1.10	136.90	10,343.5	167.2	671.3	691.1	0.61	0.32	28.06
10,460.0	0.70	176.30	10,375.5	166.8	671.5	691.3	2.23	-1.25	123.12
10,493.0	0.50	180.10	10,408.5	166.5	671.6	691.2	0.62	-0.61	11.52
10,527.0	0.60	141.30	10,442.5	166.2	671.7	691.2	1.11	0.29	-114.12
10,558.0	1.00	174.50	10,473.5	165.8	671.8	691.3	1.92	1.29	107.10
10,590.0	1.20	146.40	10,505.5	165.2	672.0	691.4	1.78	0.62	-87.81
10,620.0	0.80	172.40	10,535.5	164.7	672.2	691.5	1.98	-1.33	86.67
10,655.0	0.50	129.80	10,570.5	164.4	672.4	691.6	1.57	-0.86	-121.71
10,687.0	0.80	144.10	10,602.5	164.1	672.6	691.8	1.06	0.94	44.69
10,717.0	0.80	144.90	10,632.5	163.8	672.8	691.9	0.04	0.00	2.67
10,747.0	0.80	167.70	10,662.5	163.4	673.0	692.0	1.05	0.00	76.00
10,779.0	0.90	167.40	10,694.5	163.0	673.1	692.0	0.31	0.31	-0.94
10,810.0	1.00	162.70	10,725.5	162.5	673.2	692.1	0.41	0.32	-15.16
10,843.0	1.20	174.40	10,758.5	161.8	673.4	692.1	0.91	0.61	35.45
10,876.0	1.30	179.90	10,791.5	161.1	673.4	691.9	0.47	0.30	16.67
10,905.0	1.30	179.10	10,820.5	160.5	673.4	691.8	0.06	0.00	-2.76
10,937.0	1.40	182.80	10,852.5	159.7	673.4	691.7	0.41	0.31	11.56
10,969.0	1.60	191.50	10,884.5	158.9	673.3	691.4	0.95	0.62	27.19
11,003.0	1.50	192.90	10,918.5	158.0	673.1	691.0	0.31	-0.29	4.12
11,035.0	1.50	195.70	10,950.4	157.2	672.9	690.7	0.23	0.00	8.75
11,066.0	1.40	193.20	10,981.4	156.4	672.7	690.3	0.38	-0.32	-8.06
11,095.0	1.30	199.20	11,010.4	155.8	672.5	690.0	0.60	-0.34	20.69
11,126.0	1.30	201.50	11,041.4	155.1	672.2	689.6	0.17	0.00	7.42
11,163.0	1.50	198.70	11,078.4	154.2	671.9	689.2	0.57	0.54	-7.57
11,194.0	1.50	201.00	11,109.4	153.5	671.7	688.7	0.19	0.00	7.42
11,225.0	1.60	206.00	11,140.4	152.7	671.3	688.3	0.54	0.32	16.13
11,263.0	1.80	204.30	11,178.4	151.7	670.8	687.6	0.54	0.53	-4.47
11,297.0	1.50	196.00	11,212.4	150.8	670.5	687.1	1.13	-0.88	-24.41

Crescent Directional Drilling L.P.

Survey Report

Whiting Petroleum Corporation

Company:	Whiting Petroleum	**Local Co-ordinate Reference:**	Well UTE Tribal 15-30-14-20
Project:	Uintah County, UT	**TVD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Site:	UTE Tribal 15-30-14-20	**MD Reference:**	WELL @ 7263.8ft (Original Well Elev)
Well:	UTE Tribal 15-30-14-20	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.16 Single User Db

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)
11,327.0	1.20	187.00	11,242.3	150.1	670.4	686.8	1.22	-1.00	-30.00
11,359.0	1.00	183.20	11,274.3	149.5	670.3	686.6	0.66	-0.62	-11.87
11,390.0	0.70	183.30	11,305.3	149.0	670.3	686.5	0.97	-0.97	0.32
11,421.0	0.80	159.00	11,336.3	148.6	670.3	686.5	1.07	0.32	-78.39
11,454.0	0.80	203.20	11,369.3	148.2	670.3	686.4	1.82	0.00	133.94
11,485.0	0.80	226.30	11,400.3	147.9	670.1	686.1	1.03	0.00	74.52
11,514.0	0.30	298.20	11,429.3	147.7	669.9	685.9	2.63	-1.72	247.93
11,547.0	1.00	328.40	11,462.3	148.0	669.7	685.7	2.29	2.12	91.52
11,578.0	1.30	358.80	11,493.3	148.6	669.5	685.7	2.16	0.97	98.06
11,609.0	1.40	351.20	11,524.3	149.3	669.4	685.7	0.66	0.32	-24.52
11,644.0	0.90	8.80	11,559.3	150.0	669.4	685.9	1.73	-1.43	50.29
11,674.0	0.60	9.80	11,589.3	150.4	669.5	686.0	1.00	-1.00	3.33
11,705.0	0.40	20.00	11,620.3	150.7	669.5	686.1	0.70	-0.65	32.90
11,737.0	0.50	359.40	11,652.3	150.9	669.6	686.2	0.59	0.31	-64.37
11,770.0	0.50	14.10	11,685.3	151.2	669.6	686.3	0.39	0.00	44.55
11,802.0	0.50	3.20	11,717.3	151.5	669.7	686.4	0.30	0.00	-34.06
11,835.0	0.70	9.30	11,750.3	151.8	669.7	686.5	0.64	0.61	18.48
12,200.0	0.70	9.30	12,115.3	156.2	670.4	688.1	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (m)	Easting (m)	Latitude	Longitude
UTE 15-30-14-20	0.00	0.00	12,200.0	137.5	683.0	2,113,323.81	678,566.79	39° 20' 7.675 N	109° 25' 42.687 W
- survey misses by 87.7ft at 12200.0ft MD (12115.3 TVD, 156.2 N, 670.4 E)									
- Circle (radius 200.0)									

Checked By: _____ Approved By: _____ Date: _____

HALLIBURTON

WHITING OIL & GAS CORP

Ute Tribal 15-30-14-20
FLAT ROCK
Uintah County , Utah

Cement Surface Casing

04-Aug-2008

Job Site Documents

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 306489	**Ship To #:** 2668864	**Quote #:**	**Sales Order #:** 6052343
Customer: WHITING OIL & GAS CORP EBUSINESS		**Customer Rep:** WHITING, JACK	
Well Name: Ute Tribal	**Well #:** 15-30-14-20		**API/UWI #:**
Field: FLAT ROCK	**City (SAP):** VERNAL	**County/Parish:** Uintah	**State:** Utah
Contractor: Rathole	**Rig/Platform Name/Num:** RATHOLE RATHOLE		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: KRUGER, ROBERT	**Srvc Supervisor:** RAYBOULD, DAVID	**MBU ID Emp #:** 325481	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AINSWORTH, BENJAMIN B	4	446277	GARCIA, MARCUS M	4	446107	RAYBOULD, DAVID L	4	325481
SHAVER, SCOTT L	4	361436	STEVENS, MICHAEL	4	448174			

Equipment

HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*

Job Hours

Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours
8/4/08	4	2						
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name					
Formation Depth (MD)	**Top**		**Bottom**		
Form Type		**BHST**			
Job depth MD	500. ft	**Job Depth TVD**	500. ft		
Water Depth		**Wk Ht Above Floor**	1. ft		
Perforation Depth (MD)	*From*		**To**		

Job Times

	Date	Time	Time Zone
Called Out			
On Location	04 - Aug - 2008	18:00	MST
Job Started	04 - Aug - 2008	19:00	MST
Job Completed	04 - Aug - 2008	21:00	MST
Departed Loc	04 - Aug - 2008	23:00	MST

Well Data

Description	New / Used	Max pressure psig	Size In	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
14 3/4" Open Hole				14.75				.	500.		
10 3/4" Surface Casing	Unknown		10.75	9.95	45.5			.	500.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
CLR,FLOAT,10 3/4 8RD,32.75-55.5#/FT	1	EA		
SHOE,GID,10 3/4 8RD,CEM	1	EA		
CTRZR ASSY,API,10 3/4 CSG X 14 3/4 H	5	EA		
CLAMP - LIMIT - 10-3/4 - HINGED -	1	EA		
KIT,HALL WELD-A	2	EA		
PLUG,CMTG,TOP,10 3/4,HWE,9.09 MIN/10.09	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

HALLIBURTON

Cementing Job Summary

Miscellaneous Materials													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Gel Water		0.00	bbl	8.34	.0	.0	.0	
2	Primary Cement	ROCKIES LT - SBM (430481)	330.0	sacks	13.5	1.8	9.33		9.33
	0.25 lbm	KWIK SEAL, SK (100064010)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	9.333 Gal	FRESH WATER							
3	Water Displacement		44.24	bbl	8.34	.0	.0	.0	
4	Top Out Cement	CMT - STANDARD TYPE III - FINE (100012229)	0	sacks	14.5	1.41	6.86		6.86
	94 lbm	CMT - STANDARD TYPE III - FINE , BULK (100012229)							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	6.855 Gal	FRESH WATER							

Calculated Values		Pressures		Volumes					
Displacement	43.7	Shut In: Instant		Lost Returns	0	Cement Slurry	106	Pad	
Top Of Cement	Surface	5 Min		Cement Returns	30	Actual Displacement	44	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	

Rates

Circulating	3	Mixing	3	Displacement	3 then 2	Avg. Job	3

Cement Left In Pipe	Amount	40 ft	Reason	Shoe Joint

Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID

The Information Stated Herein Is Correct	Customer Representative Signature

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 306489	**Ship To #:** 2668864	**Quote #:**	**Sales Order #:** 6052343
Customer: WHITING OIL & GAS CORP EBUSINESS		**Customer Rep:** WHITING, JACK	
Well Name: Ute Tribal	**Well #:** 15-30-14-20		**API/UWI #:**
Field: FLAT ROCK	**City (SAP):** VERNAL	**County/Parish:** Uintah	**State:** Utah
Legal Description:			
Lat:		**Long:**	
Contractor: Rathole	**Rig/Platform Name/Num:** RATHOLE RATHOLE		
Job Purpose: Cement Surface Casing			**Ticket Amount:**
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: KRUGER, ROBERT	**Srvc Supervisor:** RAYBOULD, DAVID		**MBU ID Emp #:** 325481

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Other Job or Site	08/04/2008 18:00							Moved Over from 1st Surface.
Assessment Of Location Safety Meeting	08/04/2008 18:01							
Safety Meeting - Pre Rig-Up	08/04/2008 18:05							
Rig-Up Equipment	08/04/2008 18:10							
Other	08/04/2008 18:20							Water test: Temp 75 pH 7 Sulfates <200 Iron 0 Clorides 0
Rig-Up Completed	08/04/2008 18:40							
Safety Meeting - Pre Job	08/04/2008 18:50							
Pressure Test	08/04/2008 19:05							2000 PSI
Circulate Well	08/04/2008 19:07		3	60			.0	Fill the casing.
Pump Gel - Start	08/04/2008 19:22		3	20			12.0	
Pump Cement - Start	08/04/2008 19:28		3	106			22.0	Cement @ 13.4# 1.8 Y 9.33 W
Shutdown	08/04/2008 20:15							
Drop Plug	08/04/2008 20:16							Take off swedge and drop plug.
Pump Displacement - Start	08/04/2008 20:30		3	74				
Bump Plug	08/04/2008 20:44							Bumped @175 PSI
Check Floats	08/04/2008 20:50							Floats held the 2nd time we checked them.
End Job	08/04/2008 21:16							Over 30 bbls of cement to surface.

HALLIBURTON

WHITING OIL & GAS CORP EBUSINESS
DO NOT MAIL - 1700 BROADWAY STE2300
DENVER, Colorado

Ute Tribal 15-30-14-20D

NABORS/270

Post Job Summary
Cement Intermediate Casing

Prepared for:
Date Prepared:
Version: 1

Service Supervisor: TANNER, BARRY

Submitted by: HALLIBURTON

HALLIBURTON

Wellbore Geometry

Job Tubulars					MD		TVD		Excess	Shoe Joint Length
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	Top ft	Bottom ft	%	ft
Casing	10 3/4" Surface Casing	10.75	9.950	40.50	0.00	500.00				40.00
Open Hole Section	9 1/2" Open Hole		9.500		500.00	4,400.00			75.00	
Casing	7 5/8" Intermediate Casing	7.63	6.875	26.40	0.00	4,400.00				40.00

HALLIBURTON

Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	FRESH WATER WITH CLAYFIX II	8.34	0.00		.0
1	2	Spacer	Super Flush	9.20	0.00		.0
1	3	Spacer	FRESH WATER WITH CLAYFIX II	8.34	0.00		.0
1	4	Cement Slurry	Tuned Light RS1	10.80			.0
1	5	Cement Slurry	Premium Cement	15.80			.0
1	6	Mud	Mud Displacement	10.00	0.00		.0

Fluids Pumped

Stage/Plug # 1 **Fluid 1:** FRESH WATER WITH CLAYFIX II

DUMMY MUD / FLUSH / SPACER SBC MATERIAL
0.1 gal/bbl Clayfix II

Fluid Density: 8.34 lbm/gal
Pump Rate: 0.00 bbl/min

Stage/Plug # 1 **Fluid 2:** Super Flush

DUMMY MUD / FLUSH / SPACER SBC MATERIAL
68 lbm/bbl Halliburton Super Flush

Fluid Density: 9.20 lbm/gal
Pump Rate: 0.00 bbl/min

Stage/Plug # 1 **Fluid 3:** FRESH WATER WITH CLAYFIX II

DUMMY MUD / FLUSH / SPACER SBC MATERIAL
0.1 gal/bbl Clayfix II

Fluid Density: 8.34 lbm/gal
Pump Rate: 0.00 bbl/min

Stage/Plug # 1 **Fluid 4:** Tuned Light RS1

TUNED LIGHT (TM) SYSTEM

Fluid Weight: 10.80 lbm/gal
Slurry Yield: 4.14 ft3/sack
Total Mixing Fluid: 25.49 Gal
Calculated Fill: 3,900.00 ft
Calculated Top of Fluid: 0.00 ft
Estimated Top of Fluid:

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Stage/Plug # 1 **Fluid 5:** Premium Cement

Premium Cement

94 lbm	Premium Cement
0.3 %	Halad(R)-344
0.25 %	CFR-3
0.35 %	HR-5
0.2 %	Super CBL

Fluid Weight:	15.80 lbm/gal
Slurry Yield:	1.15 ft3/sack
Total Mixing Fluid:	4.94 Gal
Calculated Fill:	500.00 ft
Calculated Top of Fluid:	3,900.00 ft
Estimated Top of Fluid:	

Stage/Plug # 1 **Fluid 6:** Mud Displacement

Fluid Density:	10.00 lbm/gal
Pump Rate:	0.00 bbl/min
Fluid Gels:	
Mud PV/YP:	

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)		Comments
10/03/2008 10:00		Call Out							
10/03/2008 11:15		Depart Yard Safety Meeting							
10/03/2008 11:30		Depart from Service Center or Other Site							
10/03/2008 15:45		Arrive At Loc							
10/03/2008 16:00		Assessment Of Location Safety Meeting							
10/03/2008 16:15		Wait on Customer or Customer Sub-Contractor Equip							
10/04/2008 04:45		Wait on Customer or Customer Sub-Contractor Equipm							
10/04/2008 05:10		Pre-Rig Up Safety Meeting							
10/04/2008 05:45		Rig-Up Completed							
10/04/2008 06:00		Pre-Job Safety Meeting							
10/04/2008 06:25		Other							MIX SUPERFLUSH
10/04/2008 07:10		Pump Water	4	10				171.0	
10/04/2008 07:20		Pump Spacer	4	40				177.0	
10/04/2008 07:34		Pump Water	4	20				121.0	
10/04/2008 07:43		Pump Lead Cement	54	170				236.0	MIX AND PUMP 230 SACKS TUNEDLITE RS1 @ 10.8 PPG 4.14FT3 25.49 GPS
10/04/2008 08:12		Pump Tail Cement	5.4	31.8				212.0	MIX AND PUMP 155 SACKS CLASS G @ 15.8 PPG 1.152FT3 4.94GPS
10/04/2008 08:23		Drop Top Plug							
10/04/2008 08:24		Pump Displacement	6	0				30.0	PUMP WATER DISPLACEMENT
10/04/2008 08:39		Slow Rate	5	90				100.0	
10/04/2008 08:58		Slow Rate	4	180				728.0	
10/04/2008 09:00		Slow Rate	2	190				851.0	
10/04/2008 09:03		Bump Plug	2	195				850.0	
10/04/2008 09:08		Check Floats						1050.0	FLOATS HELD/1.5 BBL TO TRUCK
10/04/2008 09:10		End Job							
10/04/2008 09:50		Depart Location Safety Meeting							
10/04/2008 10:00		Depart Location for Service Center or Other Site							

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 306489	**Ship To #:** 2668864	**Quote #:**	**Sales Order #:** 6220669
Customer: WHITING OIL & GAS CORP EBUSINESS		**Customer Rep:** REEVES, JACK	
Well Name: Ute Tribal	**Well #:** 15-30-14-20D		**API/UWI #:**
Field: FLAT ROCK	**City (SAP):** VERNAL	**County/Parish:** Uintah	**State:** Utah
Legal Description: Section 30 Township 14S Range 20E			
Contractor: NABORS	**Rig/Platform Name/Num:** 270		
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well	**Job Type:** Cement Intermediate Casing		
Sales Person: COLLINS, JAMES	**Srvc Supervisor:** TANNER, BARRY	**MBU ID Emp #:** 306194	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CICIRELLO, CHRISTOPHER David		392902	GRAY, ELISA Kristin		245109	TANNER, BARRY Christophe		306194
WALLACE, TYLER		408055	WIDICK, KEITH R		446255			

Equipment

HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*

Job Hours

Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name			
Formation Depth (MD)	**Top**		**Bottom**
Form Type		**BHST**	
Job depth MD	4400. ft	**Job Depth TVD**	4400. ft
Water Depth		**Wk Ht Above Floor**	
Perforation Depth (MD)	*From*	**To**	

Job Times

	Date	Time	Time Zone
Called Out			
On Location			
Job Started			
Job Completed			
Departed Loc			

Well Data

Description	New / Used	Max pressure psig	Size In	ID In	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
9 1/2" Open Hole				9.5				500.	4400.		
10 3/4" Surface Casing	Unknown		10.75	9.95	40.5			.	500.		
7 5/8" Intermediate Casing	Unknown		7.625	6.875	26.4			.	4400.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,7 5/8,HWE,6.24 MIN/7.13 MA	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Gulde Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			

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Cementing Job Summary

Miscellaneous Materials

Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty	Conc %
Treatment Fld		Conc		*Inhibitor*		Conc		Sand Type		*Size*	*Qty*

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	FRESH WATER WITH CLAYFIX II		20.0	bbl	8.34	.0	.0	.0	
	0.1 gal/bbl	CLAYFIX II, HALTANK (100003729)							
2	Super Flush		40.0	bbl	9.2	.0	.0	.0	
	68 lbm/bbl	HALLIBURTON SUPER FLUSH (100003639)							
3	FRESH WATER WITH CLAYFIX II		20.0	bbl	8.34	.0	.0	.0	
	0.1 gal/bbl	CLAYFIX II, HALTANK (100003729)							
4	Tuned Light RS1	TUNED LIGHT (TM) SYSTEM (452984)	230.0	sacks	10.8	4.14	25.49		25.49
	24.864 Gal	FRESH WATER							
5	Premium Cement	CMT - PREMIUM CEMENT (100003687)	155.0	sacks	15.8	1.15	4.94		4.94
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	4.944 Gal	FRESH WATER							
	0.3 %	HALAD(R)-344, 50 LB (100003670)							
	0.25 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	0.35 %	HR-5, 50 LB SK (100005050)							
	0.2 %	SUPER CBL, 50 LB PAIL (100003668)							
6	Mud Displacement		200.189	bbl	10.			.0	

Calculated Values / Pressures / Volumes

Displacement		Shut In: Instant		Lost Returns		*Cement Slurry*		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	

Rates

Circulating		*Mixing*		*Displacement*		Avg. Job	
Cement Left In Pipe	Amount *40 ft*	*Reason*	*Shoe Joint*				
Frac Ring # 1 @	*ID*	*Frac ring # 2 @*	*ID*	*Frac Ring # 3 @*	*ID*	*Frac Ring # 4 @*	*ID*

The Information Stated Herein Is Correct	***Customer Representative Signature***

HALLIBURTON

Cementing Call for Services

The Road to Excellence Starts with Safety			
Sold To #: **306489**	Ship To #: **UNKNOWN**	Primary Sales Order #: **0**	
Customer: **WHITING OIL & GAS CORP EBUSINESS**		Job Purpose: **Cement Production Casing**	
Well Name: **Ute Tribal**		Well #: **15-30-14-20D**	API/UWI #:
Field: **FLAT ROCK**	City: **UNKNOWN**	County/Parish: **Uintah**	State/Prov: **Utah**
Legal Description: **Section 30 Township 14S Range 20E**			
Customer Rep: **REEVES, JACK Mobile:281-833-2839**			
Ordered By: **REEVES, JACK Mobile:281-833-2839**			
Contractor: **NABORS;**			
Rig/Platform Name/Num: **270**			Location: **Land**
Sales Person: **COLLINS, JAMES**			Status: **Pending/Will-Call**
PPE, Safety Huddles, JSA's, HOC & Near Miss Reporting, BBP Observations			
Distance/Mileage(1 way) Srvcs:	**80.0 miles**	Distance/Mileage(1 way) Mtls:	**80.0 miles**
Call Taken By:	**SHANE MUSIC**	Call Taken Date/Time:	

HSE Information

H2S Present:	**Unknown**	CO2 Present:	**Unknown**

Drive Safely. Lights On for Safety. Wear Seat Belts. Observe all HES / Customer Safety Policies.

Directions:

WEST ON HIGHWAY 40 TO HIGHWAY 88 (OURAY TURN), TURH LEFT, GO THROUGH OURAY TO SEEP RIDGE ROAD FOLLOW MAIN ROAD TO BUCK CANYON +/-20 MILES TURN RIGHT FOLLOW MAIN ROAD TO BOTTOM OF DUGWAY TURN RIGHT TO FLAT ROCK SIGN TURN LEFT AND CROSS BRIDGE AND FOLLOW RIG SIGNS TO LOCATION.

Remarks

Pumping Equipment (Generic)

Description	Qty	Comments	Description	Qty	Comments
RCM PUMP TRUCK	1		BULK TRUCKS	1	
FIELD STORAGE BIN	1		HOSE TRAILER	1	

Surface Equipment (Generic)

Description	Qty	Comments	Description	Qty	Comments
PLUG CONTAINER	1		QUICK-LATCH ATTACHMENT	1	
SWAGE	1				

Job Info / Well Data

Job Depth (MD) ft	Job Depth (TVD) ft	Max Pressure psig	Well Fluid Type	Well Fluid Weight lbm/gal	Displacement Fluid	Displ Fluid Weight lbm/gal
13245.0	.0			9.5		

BHST degF	Source	BHCT degF	Source	Log Temp degF	Time Since Circ Stopped
		180			

Job Tubulars/Tools

Description	Size in	Weight lbm/ft	ID in	Thread	Grade	Top MD ft	Btm MD ft	Top TVD ft	Btm TVD ft	Shoe Jnt ft	% Excess
7 5/8" Intermediate Casing	7.625	26.4	6.875			0.0	4,200.0			40.0	
4 1/2" Production Casing	4.5	13.5	3.92			0.0	13,245.0			40.0	
6 1/8" Open Hole			6.125			4,200.0	13,245.0				40

Tie on Connection

Size: **4 1/2 in**	Thread: **8 RD**	Type: **Casing**	Cross Over Required: **No**

Materials									
Stage/Plug #: 1									
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
1	Fresh Water		10.00	bbl	8.34				
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
2	SUPER FLUSH	SUPER FLUSH 101 - SBM (12199)	20.00	bbl	10.0				
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
3	Fresh Water		10.00	bbl	8.34				
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
4	ELASTISEAL SYSTEM	ELASTISEAL (TM) SYSTEM (450262)	700	sacks	14.3	1.47	6.27		6.41
1.5 %		FDP-C760-04, TOTE TANK (101439825) Mix-On-Fly to Slurry							
6.266 Gal		FRESH WATER Mix-On-Fly to Slurry							
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
5	ELASTISEAL SYSTEM	ELASTISEAL (TM) SYSTEM (450262)	60	sacks	14.3	1.47	6.4		6.4
6.4 Gal		FRESH WATER Mix-On-Fly to Slurry							
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
6	Displacement		181.59	bbl	8.34				
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
7	Cap Cement	Cap Cement	200	sacks	14.6	1.55	7.35		7.35
94 lbm		CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685) Pre-Mix Dry							
12 %		CAL-SEAL 60, 50 LB BAG (101217146) Pre-Mix Dry							
3 %		CALCIUM CHLORIDE - HI TEST PELLET (100005053) Pre-Mix Dry							
7.347 Gal		FRESH WATER Mix-On-Fly to Slurry							
Caution: Displacement quantities and densities are estimates ONLY! Do not use them for the actual job.									

Packaged Materials				
SAP #	Material	Qty	UOM	Comments
13451	FLO-CHEK A , BULK	419.94	Gal	
101439825	FDP-C760-04, TOTE TANK	99.5	Gal	

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Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 306489	**Ship To #:** 2668864	**Quote #:**	**Sales Order #:** 6312358
Customer: WHITING OIL & GAS CORP EBUSINESS		**Customer Rep:** REEVE, JACK	
Well Name: Ute Tribal	**Well #:** 15-30-14-20		**API/UWI #:** 043-047-39942
Field: FLAT ROCK	**City (SAP):** DENVER	**County/Parish:** Uintah	**State:** Utah
Legal Description: Section 30 Township 14S Range 20E			
Lat: N 39.564 deg. OR N 39 deg. 33 min. 50.796 secs.		**Long:** W 109.719 deg. OR W -110 deg. 16 min. 53.04 secs.	
Contractor: NABORS	**Rig/Platform Name/Num:** 270		
Job Purpose: Cement Production Casing			**Ticket Amount:**
Well Type: Development Well	**Job Type:** Cement Production Casing		
Sales Person: COLLINS, JAMES	**Srvc Supervisor:** ESTEP, KENNETH		**MBU ID Emp #:** 214387

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/13/2008 06:00							
Depart Yard Safety Meeting	11/13/2008 08:00							
Depart from Service Center or Other Site	11/13/2008 08:15							
Arrive at Location from Service Center	11/13/2008 11:30							
Assessment Of Location Safety Meeting	11/13/2008 11:45							
Standby - Other - see comments	11/13/2008 12:00							Wait on Casing Crew
Pre-Rig Up Safety Meeting	11/13/2008 15:00							
Rig-Up Equipment	11/13/2008 15:15							
Rig-Up Completed	11/13/2008 17:30							
Pre-Job Safety Meeting	11/13/2008 18:00							With Company Man & Rig Crew
Pump Water	11/13/2008 19:07		3.9	2		475.0		Pump 2 bbl Water Ahead to fill lines
Pressure Test	11/13/2008 19:10							Pressure Test Failed, Found Leaky Valve Replaced Valve
Pump Water	11/13/2008 19:28		1.1	2		375.0		Fill lines with water again
Pressure Test	11/13/2008 19:29					6015.0		Pressure Test Cement to 6000 PSI
Pressure Test	11/13/2008 19:30					8028.0		Pressure Test N2 to 8000 PSO
Pump SUPERFLUSH XLC	11/13/2008 19:49		5.3	30		872.0		Pump SUPERFLUSH XLC @ 10.0 PPG
Pump Water	11/13/2008 19:54		5.6	10		1133.0		Pump 10 Fresh Behind

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump 1st Lead Slurry	11/13/2008 19:59		5.4	60		1544.0		Pump 1st Foam Lead Cement @ 14.3 Foamed to 9.5 PPG (230 sks, 1.48 yld, 6.4 WR)
Pump 2nd Lead Slurry	11/13/2008 20:11		5.3	115		1750.0		Pump 2nd Foam Lead Cement @ 14.3 foamed to 11 PPG (440 sks, 1.48 yld, 6.4 WR)
Pump Tail Cement	11/13/2008 20:32		5.1	30.3		1152.0		Pump Unfoamed Tail @ 14.3 PPG (115 sks, 1.48 yld, 6.4 WR)
Drop Plug	11/13/2008 20:41							Wash Pumps and Lines to Pit
Pump Displacement	11/13/2008 20:48		2	188.1		81.0		Start Clayfix displacement @ 5 BPM 1 gal/10 bbl (2.6 gal/1000 gal concentration)
Displ Reached Cmnt	11/13/2008 21:02		5		60	472.0		Displacement reached cement @ 60 BBL Away
Slow Rate	11/13/2008 21:10		4		100	680.0		Slow Rate to 4 BPM @ 100 BBL Away
Record Pressure	11/13/2008 21:20		5		140	1160.0		140 BBL Away
Slow Rate	11/13/2008 21:27		2		170	1505.0		Slow Rate to 2 BPM @ 170 BBL Away
Pump Water	11/13/2008 21:29		3	10		345.0		Pump 10 Fresh Ahead
Bump Plug	11/13/2008 21:35				188.1	1845.0		Bump Plug @ 188 BBL Away Pressure Up to 2345 hold and check floats
Check Floats	11/13/2008 21:40							Floats held with 2 BBL Back
Pressure Up	11/13/2008 21:41					250.0		Pressure Up to 250 PSI Hold for 5 minutes
Pressure Up	11/13/2008 21:45					600.0		Pressure Up to 600 PSI, Hold for 5 minutes
Shut In Well	11/13/2008 21:50							
Post-Job Safety Meeting (Pre Rig-Down)	11/13/2008 21:55							
Rig-Down Equipment	11/13/2008 22:00							
Rig-Down Completed	11/13/2008 23:00							

Sold To # : 306489 Ship To # :2668864 Quote # : Sales Order # : 6312358

SUMMIT Version: 7.20.130 Thursday, November 13, 2008 10:19:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	11/13/2008 23:15							
Depart Location for Service Center or Other Site	11/13/2008 23:30							

Whiting Oil & Gas Corp
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Completion Report Info

Well Name: UTE TRIBAL 15-30-14-20

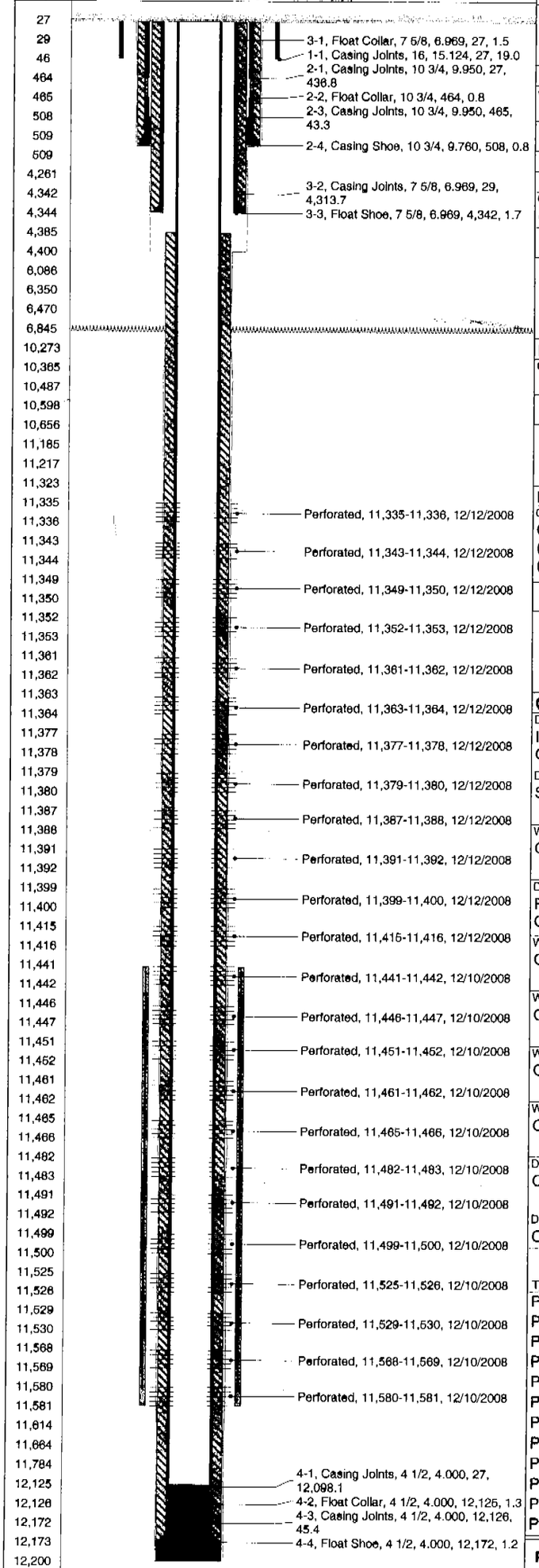
WPC ID	API Number	N/S Dist (ft)	N/S ...	E/W Dist (ft)	E/W ...	Qtr/Qtr	Section	Town...	Range	Field Name	Operator	County	State
1UT026841	4304739942	381.0	FSL	2,229.0	FEL	SW/SE	30	14S	20E	Flat Rock	WOGC	Uintah	UT

Gr Elev (ft)	Orig KB Elv (ft)	KB-Grd (ft)	Drilling Contact	Responsible Engineer	Responsible Foreman	Geology Contact	Original Spud Date	Completion Date	First Production Date
7,264.00	7,291.00	27.00	Dana	Tom Smith	Danny Widner	John Forster	8/3/2008	12/12/2008	12/15/2008

Rigs

Contractor	Rig No.	Rig Type	Start Date	RR Date	TD (ft)	TD Date	Comment
Nabors Drilling	270	Drilling	9/16/2008	11/14/2008	12,200.00	11/10/08	

Well Config: Deviated/Directional - Original Hole, 1/21/2009 10:31:20 AM



Section	Wellbore Name	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date	End Date
Surface	Original Hole	12 1/4	27.0	508.7	8/3/2008	8/4/2008
Intermediate	Original Hole	9 1/2	508.7	4,400.0	9/27/2008	10/1/2008
Production	Original Hole	6 1/2	4,400.0	12,200.0	10/4/2008	11/10/2008

Conductor Pipe, 46.0ftKB

Comment: | Run Date: 2/4/2008

OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Description
16	75.00	J-55	27.0	46.0	19.00	Casing Joints

Surface Csg, 508.7ftKB

Comment: cut off 26.98' 10-3/4" 45.5# K-55 | Run Date: 8/4/2008

OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Description
10 3/4	45.50	J-55	27.0	463.8	436.78	Casing Joints
10 3/4			463.8	464.6	0.83	Float Collar
10 3/4	45.50	J-55	464.6	507.9	43.26	Casing Joints
10 3/4			507.9	508.7	0.83	Casing Shoe

Intermediate Casing, 4,343.9ftKB

Comment: | Run Date: 10/3/2008

OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Description
7 5/8			27.0	28.5	1.50	Float Collar
7 5/8	26.40	K-55	28.5	4,342.2	4,313.69	Casing Joints
7 5/8	26.40		4,342.2	4,343.9	1.71	Float Shoe

Production Csg, 12,173.0ftKB

Comment: Cut off 27' 4-1/2" 11.6# P-110, Marker joints @ 11339.59' (Entrada Top), 10276.69 (Dakota Group Top), 6345.94' (Mancos Top). | Run Date: 11/13/2008

OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Description
4 1/2	11.60	P-110	27.0	12,125.1	12,098.13	Casing Joints
4 1/2	11.60	P-110	12,125.1	12,126.4	1.26	Float Collar
4 1/2	11.60	P-110	12,126.4	12,171.8	45.41	Casing Joints
4 1/2	11.60	P-110	12,171.8	12,173.0	1.20	Float Shoe

Cement Stages

Description	Pump Start Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth	MD Tagge...
Intermediate Casing Cement	10/4/2008	27.0	4,343.9		
Surface Casing Cement	8/4/2008	27.0	508.7	Returns to Surface	

Wellbore	Fluid Type	Amount (sa...	Class	Est Top (ftKB)	Est Btm (ftKB)	V (bbl)
Original Hole	Surface Cement	333	Lite	27.0	508.7	106.0

Description	Pump Start Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth	MD Tagge...
Production Casing Cement	11/13/2008	4,385.0	12,173.0		

Wellbore	Fluid Type	Amount (sa...	Class	Est Top (ftKB)	Est Btm (ftKB)	V (bbl)
Original Hole	1st Lead Cement	230		4,385.0	5,526.0	60.0
Original Hole	2nd Lead Cement	440		5,526.0	9,891.0	115.0
Original Hole	Tail Cement	115		9,891.0	12,173.0	30.0
Original Hole	Cap cement	200	G			

Description	Pump Start Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth	MD Tagge...
Cement Plug	11/13/2008	12,125.0	12,173.0	Volume Calculations	
Cement Below shoe	11/13/2008	12,173.0	12,200.0		

Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (sho...	Cal... Shot Total
Perforat...	12/12/2008	11,335.0	11,336.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,343.0	11,344.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,349.0	11,350.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,352.0	11,353.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,361.0	11,362.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,363.0	11,364.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,377.0	11,378.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,379.0	11,380.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,387.0	11,388.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,391.0	11,392.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,399.0	11,400.0	Entrada, Original Hole	3.0	3
Perforat...	12/12/2008	11,415.0	11,416.0	Entrada, Original Hole	3.0	3

Report Printed: 1/21/2009

Whiting Oil & Gas Corp
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

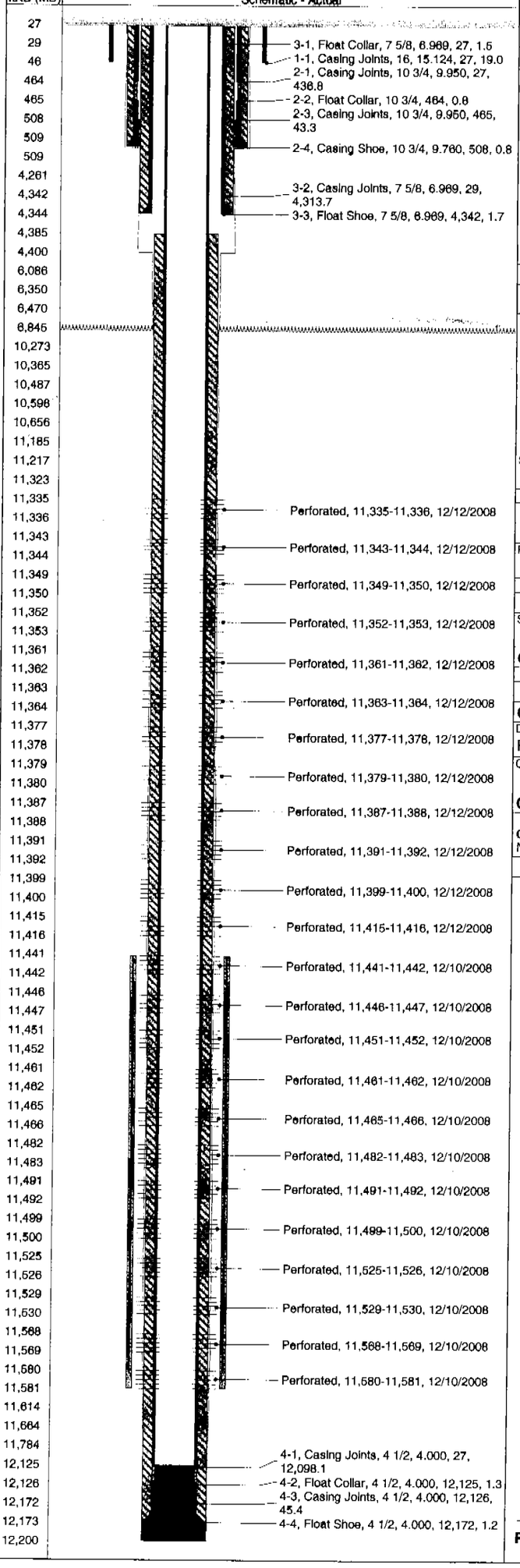
Completion Report Info

Well Name: UTE TRIBAL 15-30-14-20

WPC ID	API Number	N/S Dist (ft)	N/S ...	E/W Dist (ft)	E/W ...	Qtr/Qtr	Section	Town...	Range	Field Name	Operator	County	State
1UT026841	4304739942	381.0	FSL	2,229.0	FEL	SW/SE	30	14S	20E	Flat Rock	WOGC	Uintah	UT

Gr Elev (ft)	Orig KB Elv (ft)	KB-Grd (ft)	Drilling Contact	Responsible Engineer	Responsible Foreman	Geology Contact	Original Spud Date	Completion Date	First Production Date
7,264.00	7,291.00	27.00	Dana	Tom Smith	Danny Widner	John Forster	8/3/2008	12/12/2008	12/15/2008

Well Config: Deviated/Directional - Original Hole, 1/21/2009 10:31:20 AM



Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (sho...	Cal... Shot Total
Perforat...	12/10/2008	11,441.0	11,442.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,446.0	11,447.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,451.0	11,452.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,461.0	11,462.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,465.0	11,466.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,482.0	11,483.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,491.0	11,492.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,499.0	11,500.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,525.0	11,526.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,529.0	11,530.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,568.0	11,569.0	Entrada, Original Hole	3.0	3
Perforat...	12/10/2008	11,580.0	11,581.0	Entrada, Original Hole	3.0	3

Stim/Treat Stages

Stage Type	Start Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	V (pumped) (bbl)
Frac	12/13/2008	11,335.0	11,416.0	121400# 20/40,44299gal pHaserFrac 30 w/65Q 202 tns, CO2	1055.00
Frac	12/12/2008	11,441.0	11,581.0	80700# 20/40 wh snd, phaserfrac 30 w/213 tns 65 Q, CO2	1046.00

Set Depth (ftKB) | Comment | Run Date | Pull Date

Item Description	OD (in)	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)

Rod Description | Comment | Run Date | Pull Date

Item Description	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)

String Description

Other String Components

Item Description	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	ID (in)

Other In Hole

Description	OD (in)	Run Date	Pull Date	Top (ftKB)	Bottom (ftKB)
FT Comp BP	3.999	12/12/2008	1/8/2009	11,430.0	11,431.0

Comment

Cores

C... No.	Date	Wellbore	Top (ftKB)	Btm (ftKB)	Recov (ft)	% Recov (%)	Comment

Report Printed: 1/21/2009

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Vernal Field Office
170 South 500 East
Vernal, UT 84078
(435) 781-4400 Fax: (435) 781-4410

http://www.blm.gov/ut/st/en/fo/vernal/html

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3162.3
LLUTG01100

December 4, 2008

John D'Hooge
Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80290

43 047 39942

Re: Change of Operator
Well No. Ute Tribal 15-30-14-20
SWSE, Sec. 30, T14S, R20E
Uintah County, Utah
Lease No. UTU-019837

Dear Mr. D'Hooge:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective June 1, 2008, Whiting Oil and Gas Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UTB000148, for all operations conducted on the referenced well on the leased land.

If you have any other questions regarding this matter, please contact Cindy Severson of this office at (435) 781-4455.

Sincerely,

Benna R. Muth
I & E Specialist

cc: UDOGM
Miller, Dyer & Co., LLC

Form 3160-5
(August 2007)

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.

SUBMIT IN TRIPLICATE – *Other instructions on page 2.*

5. Lease Serial No.: UTU-019837

6. If Indian, Allottee or Tribe Name: Ute Indian Tribe (Surface)

7. If Unit of CA/Agreement, Name and/or No.: N/A

1. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.: UTE TRIBAL 15-30-14-20

2. Name of Operator: WHITING OIL & GAS CORP.

9. API Well No.: 43-047-39942

3a. Address: 1700 BROADWAY, SUITE 2300, DENVER CO 80290

3b. Phone No. *(include area code)*: 303-837-1661

10. Field and Pool or Exploratory Area: FLAT ROCK

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*: 381' FSL, 2229' FEL, SWSE, SEC 30, T14S, R20E

11. Country or Parish, State: UINTAH, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other Change of Operator
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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.)

Effective 6/1/2008, please change the Operator of record from Miller, Dyer & Co., LLC to Whitiing Oil & Gas Corporation. Whiting Oil and Gas Corporation's Utah BLM bond is for $25,000 under bond number UTB-000148.

Please be advised that Whiting Oil and Gas Corp. is considered to be the operator of the above referenced well and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

RECEIVED
DEC 18 2008
DIV. OF OIL, GAS & MINING

RECEIVED
2008 JUN 2 PM 4 04
VERNAL FIELD OFFICE
DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*: John D'Hooge — Title: Central Rockies Asset Manager

Signature: [signature] — Date: 6/1/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: [signature] — Title: Lease Specialist — Date: 12-4-08

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: **VERNAL FIELD 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.

(Instructions on page 2)

UDOGM

Division of Oil, Gas and Mining
Operator Change/Name Change Worksheet-for State use only

Effective Date: 8/1/2015

FORMER OPERATOR:	NEW OPERATOR:
WHITING OIL & GAS CORPORATION N2680 1700 BROADWAY SUITE 2300 DENVER CO 80290	COBRA OIL & GAS CORPORATION N4270 PO BOX 8206 WICHITA FALS TX 76307-8206
CA Number(s):	Unit Name: None

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 8/4/2015
2. Sundry or legal documentation was received from the **NEW** operator on: 8/4/2015
3. New operator Division of Corporations Business Number: 9442951-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: N/A
3. Reports current for Production/Disposition & Sundries: 10/5/2015
4. OPS/SI/TA well(s) reviewed for full cost bonding: 10/2/2015
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: Chimney Rock Compressor
   Flat Rock Compressor
7. Inspections of PA state/fee well sites complete on (only upon operators request): 10/15/2015

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: B009425
2. Indian well(s) covered by Bond Number: B009425
3. State/fee well(s) covered by Bond Number(s): B009455
   B009568-FCB
   B009567-FCB
   B009566-FCB

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 10/14/2015
2. Entity Number(s) updated in **OGIS** on: 10/14/2015
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 10/14/2015
6. Surface Facilities update in **RBDMS** on: 10/14/2015

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) 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:

From: Whiting Oi Gas Corporation
To: Cobra Oil Gas Corporation
Effective:8/1/2015

Well Name	Section	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	Indian	GW	P
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	Indian	OW	P
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	Indian	GW	P
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	Indian	GW	P
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	Indian	GW	P
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	State	GW	P
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	State	GW	P
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	Indian	GW	P
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	Indian	GW	P
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	Indian	GW	P
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	Indian	GW	P
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	Indian	GW	P
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	Indian	GW	P
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	Indian	GW	P
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	Indian	GW	P
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	Indian	GW	P
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	Indian	GW	P
UTE TRIBAL 10-2-15-20	2	150S	200E	4304735625	14167	State	Indian	GW	P
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	Indian	GW	P
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	Indian	GW	P
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	Indian	GW	P
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	Indian	GW	P
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665	16997	Federal	Indian	GW	P
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739	17526	Federal	Indian	GW	P
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740	17358	Federal	Indian	GW	P
UTE TRIBAL 5-32-14-20	32	140S	200E	4304739741	17406	State	Indian	GW	P
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942	17237	Federal	Indian	GW	P
UTE TRIBAL 1-25-14-19	30	140S	200E	4304750654	17454	Indian	Indian	GW	P
UTE TRIBAL 13-25-14-19	26	140S	190E	4304750689	17808	Indian	Indian	GW	P
UTE TRIBAL 5-25-14-19	26	140S	190E	4304750690	17760	Indian	Indian	GW	P
UTE TRIBAL 3-25-14-19	30	140S	200E	4304751030	17759	Indian	Indian	GW	P
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	State	GW	PA
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	Indian	GW	PA
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992	17354	State	Indian	D	PA
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993	17355	State	Indian	D	PA
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994	17356	State	Indian	D	PA
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053	17353	Indian	Indian	D	PA
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	Indian	GW	S
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	Indian	GW	S
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	Indian	OW	S
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	Indian	OW	S
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	Indian	GW	S
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	Indian	GW	S
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	Indian	GW	S
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	Indian	GW	S

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:	See attached exhibit
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	See attached exhibit
7. UNIT or CA AGREEMENT NAME:	See attached exhibit
1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER See attached exhibit	8. WELL NAME and NUMBER: See attached exhibit
2. NAME OF OPERATOR: COBRA OIL & GAS CORPORATION N4270	9. API NUMBER: See attach
3. ADDRESS OF OPERATOR: PO Box 8206 Wichita Falls TX 76307-8206 / PHONE NUMBER: (940) 716-5100	10. FIELD AND POOL, OR WILDCAT: See attached exhibit
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached exhibit QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Uintah STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/1/2015	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: _____
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

Effective August 1, 2015, Whiting Oil & Gas Corporation resigned as Operator of the wells listed on the attached Exhibit, and Cobra Oil & Gas Corporation has been designated as successor Operator.

Cobra Oil & Gas Corporation
PO Box 8206
Wichita Falls, TX 76307-8206
Phone: (940) 716-5100

Whiting Oil & Gas Corporation N2680
1700 Broadway, Suite 2300
Denver, CO 80290
Phone: (303) 837-1661

Rick Ross, Senior Vice President - Operations

Bonds through U.S. Specialty Insurance Company
Utah State Bond: B009455
BLM Nationwide Bond: B009425

NAME (PLEASE PRINT) Robert W. Osborne TITLE Vice President

SIGNATURE Robert W Osborne DATE 7/14/15

(This space for State use only)

APPROVED

OCT 14 2015

DIV. OIL GAS & MINING

BY: Rachel Medina

(5/2000) (See Instructions on Reverse Side)

Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION: SEC - TWP - RNG
CHIMNEY ROCK 32-11	ML-47437		4304733445	SEEP RIDGE B	UINTAH	UT	DAKOTA	32-T13S-R21E
CHIMNEY ROCK 32-13	ML-47437		4304733447	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
CHIMNEY ROCK 32-14	ML-47437		4304733448	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
FLAT ROCK 13-29-14-20	UTU10166		4304736778	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
FLAT ROCK 13-32-14-20	ML-44317		4304736992	FLAT ROCK	UINTAH	UT	WINGT	32-T14S-R20E
FLAT ROCK 14-32-14-20	ML-44317		4304736993	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 15-32-14-20	ML-44317		4304736994	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 30-3A	UTU019837		~~4304730729~~	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E
FLAT ROCK 3-29-14-20	UTU10166		4304736795	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
UTE TRIBAL 10-2-15-20	ML-46842		4304735625	FLAT ROCK	UINTAH	UT	WASATCH	2-T15S-R20E
UTE TRIBAL 11-30-14-20	UTU019837		4304739740	FLAT ROCK	UINTAH	UT	DAKOTA-BUCKHORN	30-T14S-R20E
UTE TRIBAL 1-25-14-19	1420H625581	Ute Tribe	4304750654	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 1-30-14-20	UTU019837		4304739665	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 13-25-14-19	1420H625581	Ute Tribe	4304750689	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 15-25-14-19	1420H625581	Ute Tribe	4304739052	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 15-30-14-20	UTU019837		4304739942	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 28-1A	UTU10166		4304733595	FLAT ROCK	UINTAH	UT	DAKOTA	28-T14S-R20E
UTE TRIBAL 29-1A	UTU10166		4304730981	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-2A	UTU10166		4304732945	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-3A	UTU10166		4304732946	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-4A	UTU10166		4304733616	FLAT ROCK	UINTAH	UT	DAKOTA	29-T14S-R20E
UTE TRIBAL 29-5A	UTU10166		4304733617	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	29-T14S-R20E
UTE TRIBAL 29-6A	UTU10166		4304734102	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 29-7A	UTU10166		4304734103	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 30-1	UTU019837		~~4304715764~~	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-2A	UTU019837		4304730641	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-3A	UTU019837		4304710913	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-4A	UTU019837		4304716520	FLAT ROCK	UINTAH	UT	TW	30-T14S-R20E
UTE TRIBAL 30-5A	UTU019837		4304720502	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-6A	UTU019837		4304733596	FLAT ROCK	UINTAH	UT	DAKOTA	30-T14S-R20E
UTE TRIBAL 32-10A	ML-44317		~~4304733620~~	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-11A	ML-44317		4304733621	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-12A	ML-44317		4304733558	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-16A	ML-44317		4304734098	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-1A	ML-44317		4304732758	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-2A	ML-44317		4304733333	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-3A	ML-44317		4304733334	FLAT ROCK	UINTAH	UT	WASATCH-MESAVERDE	32-T14S-R20E
UTE TRIBAL 32-4A	ML-44317		4304733335	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 3-25-14-19	1420H625581	Ute Tribe	4304751030	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E

Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION: SEC - TWP - RNG
UTE TRIBAL 32-5A	ML-44317		4304710577	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-6A	ML-44317		4304733337	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-7A	ML-44317		4304733618	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-8A	ML-44317		4304733557	FLAT ROCK	UINTAH	UT	DAKOTA	32-T14S-R20E
UTE TRIBAL 32-9A	ML-44317		4304733619	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 3-30-14-20	UTU019837		4304739739	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 5-25-14-19	1420H625581	Ute Tribe	4304750690	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 5-32-14-20	ML-44317		4304739741	FLAT ROCK	UINTAH	UT	DAKOTA ENTRADA	32-T14S-R20E
UTE TRIBAL 6-16-14-20	ML-47502		4304738506	FLAT ROCK	UINTAH	UT	ENTRADA	16-T14S-R20E
UTE TRIBAL 8-25-14-19	1420H625581	Ute Tribe	4304739053	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E

RECEIVED
AUG 04 2015
DIV. OF OIL, GAS & MINING

July 16, 2015

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

Re: Change of Operator

Whiting Oil and Gas Corporation respectfully submits change of operator sundries for Flat Rock field in Uintah County, UT.

The new operator is
Cobra Oil and Gas Corporation
PO Box 8206
Witchita Falls, TX 76307-8206
Phone: (940) 716-5100

Regulatory Admin for Cobra:
Barbara Pappas
940-716-5103
Barbara@cobraogc.com

Please contact Barbara Pappas or myself if you should have questions or need additional information.

Best Regards,

Cara Mezydlo,
Engineering Technician III – Central Rockies Asset Group
(303) 876-7091
Cara.mezydlo@whiting.com

July 16, 2015

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
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Best Regards,

Cara Mezydlo,
Engineering Technician III – Central Rockies Asset Group
(303) 876-7091
Cara.mezydlo@whiting.com

Rachel Medina <rachelmedina@utah.gov>

Plugged Wells

8 messages

Rachel Medina <rachelmedina@utah.gov> Thu, Aug 6, 2015 at 11:05 AM
To: Barbara Pappas <barbara@cobraogc.com>

Hi Barbara,

The following Whiting wells are listed on the request for the Cobra operator change, but are currently plugged. Our Division does not usually move plugged well unless the new operator has plans to reenter the wells. Will this be the case for Cobra?

CHIMNEY ROCK 32-11	32	130S	210E	4304733445
UTE TRIBAL 32-11A	32	140S	200E	4304733621
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053

Also, the following wells were listed on the exhibit but are not currently operated by Whiting. They will not move in the operator change.

Flat Rock 30-3A 4304730729
Ute Tribal 30-1 4304715764
Ute Tribal 30-4A 4304716520

Thanks!

--
Rachel Medina
Division of Oil, Gas & Mining
Bonding Technician
801-538-5260

Rachel Medina <rachelmedina@utah.gov> Thu, Aug 6, 2015 at 2:36 PM
To: Barbara Pappas <barbara@cobraogc.com>

Hi Barbara,

Cobra is also taking over 3 State/Fee wells that have been shut in for over a year. Because of this our Petroleum Engineer is requesting a shut in plan and full cost bonding. For the shut in plan you will need to submit an outline and time frame of the plans for each well. To determine full cost bonding you will need to submit a plugging estimate, our engineer will evaluate the cost and set the bond for each well at the estimate or depth bonding (as outline in the rules), whichever is greater.

Please let me know if you have any questions.
Thanks!
[Quoted text hidden]

Barbara Pappas <barbara@cobraogc.com> Thu, Aug 6, 2015 at 3:10 PM
To: Rachel Medina <rachelmedina@utah.gov>

Rachel:

I have forwarded to my managers and hopefully will have an answer for you soon.

Thanks,

Barbara

From: Rachel Medina [mailto:rachelmedina@utah.gov]
Sent: Thursday, August 06, 2015 3:37 PM
To: Barbara Pappas <barbara@cobraogc.com>
Subject: Re: Plugged Wells

[Quoted text hidden]

Rachel Medina <rachelmedina@utah.gov> Fri, Aug 14, 2015 at 8:58 AM
To: Barbara Pappas <barbara@cobraogc.com>

Hi Barbara,

The Division received confirmation that the plugged wells need to be moved to Cobra. At this point we are waiting for shut in plans and plugging estimates on the following wells.

UTE TRIBAL 32-1A
UTE TRIBAL 32-3A
UTE TRIBAL 32-4A

Thanks!
[Quoted text hidden]

Charlie Gibson <charlie@cobraogc.com> Wed, Aug 19, 2015 at 8:40 AM
To: "rachelmedina@utah.gov" <rachelmedina@utah.gov>
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Rachel,

We have studied the wells listed below and our estimate to plug the wells is $20,000/well. We also believe that the wells still have economic potential and plan on working on the wells by 10-1-2015 to attempt to re-establish production. Let me know if you have any questions.

Charlie Gibson

Operations Manager

Cobra Oil & Gas

(940)716-5100 (o)

(940)781-6260 (c)

From: Rachel Medina [mailto:rachelmedina@utah.gov]
Sent: Friday, August 14, 2015 9:59 AM
To: Barbara Pappas <barbara@cobraogc.com>
Subject: Re: Plugged Wells

Hi Barbara,

[Quoted text hidden]
[Quoted text hidden]

Rachel Medina <rachelmedina@utah.gov> Wed, Aug 19, 2015 at 4:46 PM
To: Dustin Doucet <dustindoucet@utah.gov>

What are you thoughts on the full cost bonding and the shut in plan?
[Quoted text hidden]

Dustin Doucet <dustindoucet@utah.gov> Wed, Aug 19, 2015 at 6:16 PM
To: Rachel Medina <rachelmedina@utah.gov>

Without more supporting evidence of their P&A cost estimate, I don't feel comfortable with the estimate provided. It appears several plugs may need to be drilled out to properly isolate formations with open perfs with cement as required by rule. I doubt this was taken into consideration in their estimates. Since they are proposing to work the wells over by October 1, 2015, I would be willing to accept the $30,000 depth bond per well to get these transferred and let them get the work done with the caveat that we will require more information on P&A costs and would require full cost bonds if found to be more than $30K per well if the work is not done by October 1, 2015.
[Quoted text hidden]
--
Dustin K. Doucet
Petroleum Engineer
Division of Oil, Gas and Mining
1594 West North Temple, Ste 1210
Salt Lake City, Utah 84116
801.538.5281 (ofc)
801.359.3940 (fax)

web: www.ogm.utah.gov

Rachel Medina <rachelmedina@utah.gov> Thu, Aug 20, 2015 at 9:09 AM
To: Charlie Gibson <charlie@cobraogc.com>
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Hi Charlie,

The following is our Petroleum Engineer's review;

-Ute Tribal 32-1A, Ute Tribal 32-3A and Ute Triabl 32-4A are each required to have a $30,000.00 individual bond.
-Cobra's plan to put the wells on production by October 1, 2015 is accepted, however a condition has been placed that if the wells are not producing by October 1st the Division **will require** a new P&A estimate be

submitted and reviewed for full cost bonding.

Please submit bonding for each well, if Cobra needs the new bonding forms again please let me know. As soon as the bond is received we can begin to process the operator change.

Thanks!

[Quoted text hidden]

Rachel Medina <rachelmedina@utah.gov>

Utah Change of Operator from Whiting to Cobra

1 message

Charlie Gibson <charlie@cobraogc.com> Thu, Aug 13, 2015 at 2:17 PM
To: "rachelmedina@utah.gov" <rachelmedina@utah.gov>
Cc: Jeff Dillard <jeff@cobraogc.com>, Bob Osborne <bob@cobraogc.com>, Stephen Howard <Showard@basinoilandgas.com>, Caven Crosnoe <ccrosnoe@scglaw.com>, Rory Edwards <rory@cobraogc.com>, Phil Rugeley <phil@cobraogc.com>, Rick Haskin <rick@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Dear Rachel,

We have been informed by Whiting Oil and Gas Corporation that you have requested an email from Cobra Oil & Gas Corporation acknowledging that we have agreed to assume all plugging, abandoning and reclamation obligations for the wells described below. In accordance with the terms and conditions of the Purchase and Sale Agreement (Agreement) between Whiting Oil and Gas Corporation (Seller) and Cobra Oil & Gas Corporation, et al (Buyer), please be advised the Buyer assumed the obligation to plug and abandon all wells located on the Lands and reclaim all well sites located on the Lands regardless of when the obligations arose. Accordingly Cobra Oil and Gas Corporation, as Operator, assumes those obligations and liabilities associated with the wells described below:

CHIMNEY ROCK 32-11	32130S210E4304733445
UTE TRIBAL 32-11A	32140S200E4304733621
FLAT ROCK 13-32-14-20	32140S200E4304736992
FLAT ROCK 14-32-14-20	32140S200E4304736993

FLAT ROCK 15-32-14-20 32140S200E4304736994

UTE TRIBAL 8-25-14-19 30140S200E4304739053

Flat Rock 30-3A 4304730729

Ute Tribal 30-1 4304715764

Ute Tribal 30-4A 4304716520

Sincerely,

Charlie Gibson

Operations Manager

Cobra Oil & Gas

(940)716-5100 (o)

(940)781-6260 (c)