



PO Box 99 • Eastlake, CO 80614 • (303) 857-9999 • FAX (303) 450-9200 • E-MAIL Permitco1@aol.com

August 5, 2008

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

Attn: Diana Mason

Re: Pioneer Natural Resources USA, Inc.  
Jensen State #11C-34-11-9  
487' FNL and 647' FWL  
NW NW Sec. 34, T11S - R9E  
Utah County, Utah

Dear Diana,

Enclosed please find two copies of the Application for Permit to Drill, along with the required attachments.

Please note that this location has a Lease Expiration of September 1<sup>st</sup>. Pioneer would like to begin construction by August 15, 2008 and drill over the lease expiration.

If you should need additional information, please don't hesitate to contact me. Approved copies of the A.P.D. should be sent to PermitCo Inc. at the address shown above.

Sincerely,

PERMITCO INC.

Venessa Langmacher  
Regulatory Supervisor  
Agent for Pioneer Natural Resources USA, Inc.

RECEIVED

AUG 06 2008

Enc.  
cc: Pioneer Natural Resources USA, Inc. - Denver, CO

DIV. OF OIL, GAS & MINING

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>		5. MINERAL LEASE NO.: <b>ML-48060</b>	6. SURFACE: <b>Fee</b>
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: <b>N/A</b>	
2. NAME OF OPERATOR: <b>Pioneer Natural Resources USA, Inc.</b>		9. WELL NAME and NUMBER: <b>Jensen State #11C-34-11-9</b>	
3. ADDRESS OF OPERATOR: <b>1401 - 17th Street, Suite 1200, Denver, CO 80202</b>		10. FIELD AND POOL, OR WILDCAT: <i>Whitted</i>	
PHONE NUMBER: <b>303/675-2782</b>		11. QTR/CTR, SECTION, TOWNSHIP, RANGE MERIDIAN: <b>Section 34, T11S - R9E</b>	
4. LOCATION OF WELL (FOOTAGES) <b>507597X 4408333Y 39.826846</b> AT SURFACE: <b>487' FNL and 647' FWL</b> AT PROPOSED PRODUCING ZONE: <b>NW NW - 110.911231</b>			
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>Approximately 43.6 miles southwest of Duchesne, UT</b>		12. COUNTY: <b>Utah County</b>	13. STATE: <b>UT</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>1807'</b>	16. NUMBER OF ACRES IN LEASE: <b>1280</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40 Acres</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): <b>None</b>	19. PROPOSED DEPTH: <b>7,575'</b>	20. BOND DESCRIPTION: <b>Utah State Bond No. 104319463</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>7307' GL</b>	22. APPROXIMATE DATE WORK WILL START: <b>8/15/2008</b>	23. ESTIMATED DURATION: <b>10 Days</b>	

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
<b>11"</b>	<b>9-5/8", J-55, 36#</b>	<b>800'</b>	<b>600 sx Class G, 1.2 ft3/sk, 15.6 ppg</b>
<b>7-7/8"</b>	<b>5-1/2", J-55, 17#</b>	<b>7,575'</b>	<b>344 sx Hifill. 3.86 ft3/sk, 11 ppg + 413 sx 50/50 Pox Aa, 1.19 ft3/sk, 14.5 ppg</b>

**ATTACHMENTS**

**CONFIDENTIAL-TIGHT HOLE**

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

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

AGENT: **Permitco Inc., P.O. Box 99, Eastlake, CO 80614** AGENT'S PHONE NO.: **303/857-9999**

NAME (PLEASE PRINT) **Venessa Langmacher** TITLE **Regulatory Supervisor/Agent for Pioneer Natural Resources USA, Inc.**

SIGNATURE *Venessa Langmacher* DATE **August 5, 2008**

(This space for State use only)

API NUMBER ASSIGNED: 43-049-30024

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

Date: 08-28-08

By: *[Signature]*

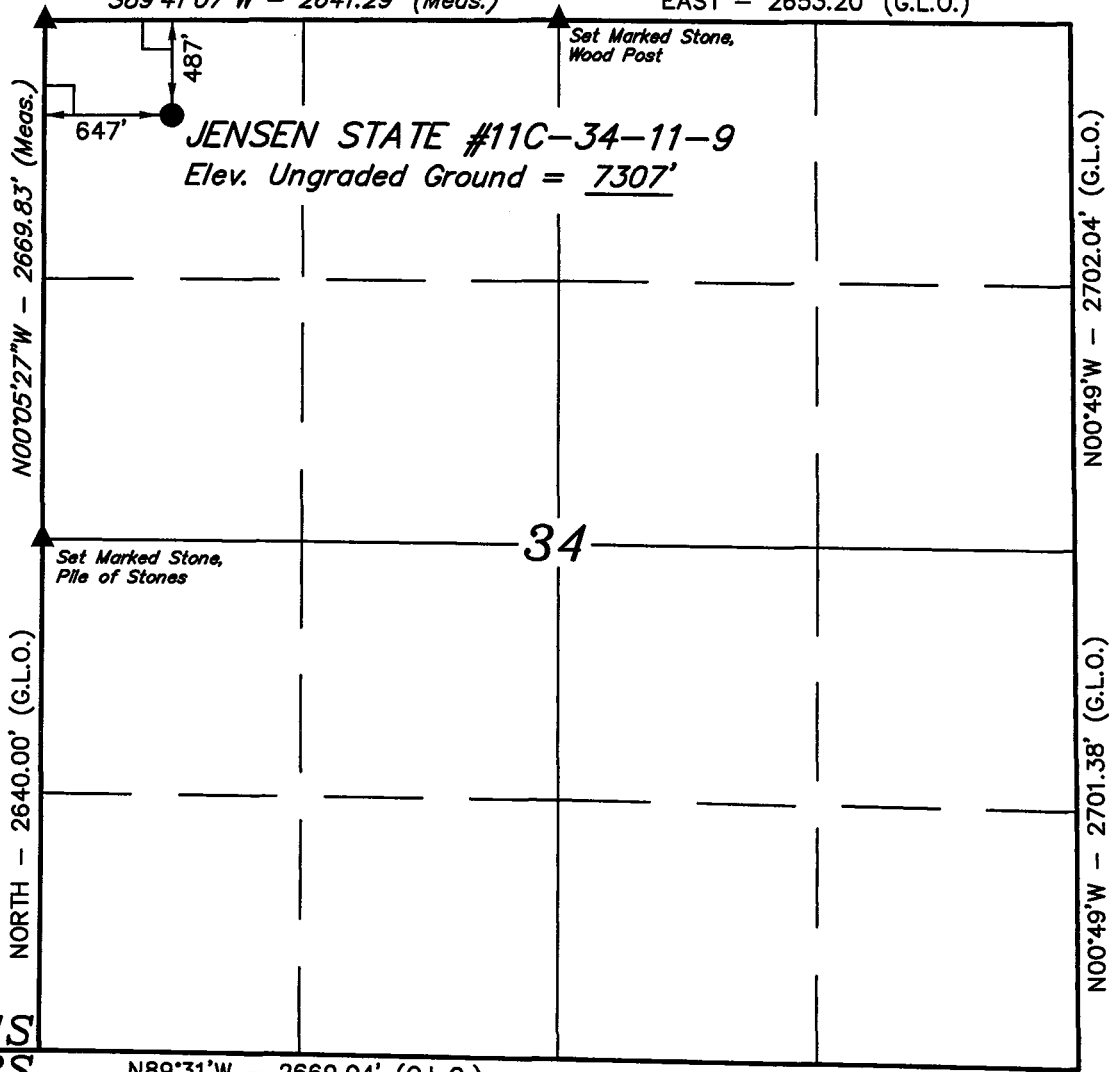
**RECEIVED**

**AUG 06 2008**

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

# T11S, R9E, S.L.B.&M.

Set Marked Stone,  
Pile of Stones  $S89^{\circ}41'07''W - 2641.29'$  (Meas.) EAST - 2653.20' (G.L.O.)



## PIONEER NATURAL RESOURCES USA, INC.

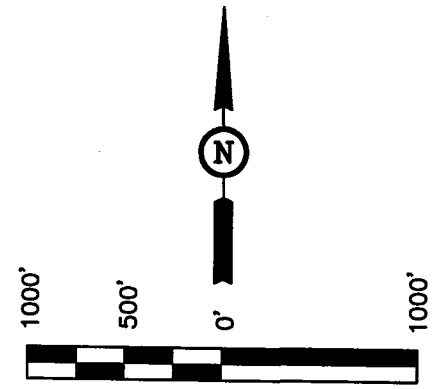
Well location, JENSEN STATE #11C-34-11-9, located as shown in the NW 1/4 NW 1/4 of Section 34, T11S, R9E, S.L.B.&M., Utah County, Utah.

### BASIS OF ELEVATION

BENCH MARK LOCATED AT THE NORTHEAST CORNER OF SECTION 3, T12S, R9E, S.L.B.&M., TAKEN FROM THE KYUNE QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7245 FEET.

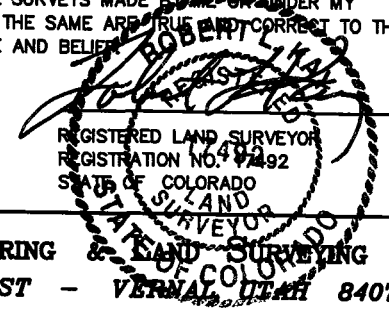
### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE  
CERTIFICATE

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.



**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

T11S  
T12S

$N89^{\circ}31'W - 2669.04'$  (G.L.O.)  $N89^{\circ}31'W - 2671.68'$  (G.L.O.)

- LEGEND:**
- = 90° SYMBOL
  - = PROPOSED WELL HEAD.
  - = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)  
LATITUDE =  $39^{\circ}49'36.48''$  (39.826800)  
LONGITUDE =  $110^{\circ}54'43.35''$  (110.912042)  
(AUTONOMOUS NAD 27)  
LATITUDE =  $39^{\circ}49'36.62''$  (39.826839)  
LONGITUDE =  $110^{\circ}54'40.77''$  (110.911325)

SCALE 1" = 1000'	DATE SURVEYED: 07-31-08	DATE DRAWN: 08-02-08
PARTY N.H. S.H. S.L.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE PIONEER NATURAL RESOURCES USA, INC.	

**CONFIDENTIAL - TIGHT HOLE**

**Jensen State #11C-34-11-9**  
487' FNL and 647' FWL  
NW NW Section 34, T11S - R9E  
Utah County, Utah

Prepared For:

Pioneer Natural Resources USA, Inc.

By:

PERMITCO INC.  
P.O. Box 99  
Eastlake, CO 80614  
303/857-9999

CONFIDENTIAL-TIGHT HOLE

Copies Sent To:

- 2 - Utah Division of Oil, Gas & Mining - SLC, UT
- 1 - Utah Division of Oil, Gas & Mining - Roosevelt, UT
- 2 - Pioneer Natural Resources USA, Inc. - Denver, CO



1. **Estimated Tops/Geologic Markers**

The estimated tops of important geologic markers are as follows:

<i>Formation</i>	<i>Depth</i>	<i>Subsea</i>
North Horn	2,976'	+4,324'
Price River	4,406'	+2,894'
Castlegate Sandstone	4,997'	+2,303'
Blackhawk	5,675'	+1,625'
Kenilworth Sandstone	6,444'	+856'
Aberdeen Sandstone	6,690'	+610'
Spring Canyon Sandstone	6,891'	+409'
Mancos Shale	7,075'	+225'
TD	7,575'	-225'

2. **Estimated Depths of Anticipated Water, Oil, Gas or Other Mineral Bearing Formations**

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Gas, Coal, Water	Blackhawk	5,675'
Gas	Castlegate	4,997'

3. **Well Control Equipment & Testing Procedures**

Pioneer Natural Resources USA, Inc.'s minimum specifications for pressure control equipment are as follows:

Ram Type: 3000 psi w.p.



**Jensen State #11C-34-11-9**

**Lease No. ML-48060**

487' FNL and 647' FWL

NW NW Section 34, T11S - R9E

**DRILLING PROGRAM**

Utah County, Utah

Page 2

Pioneer Natural Resources USA, Inc. will comply will all requirements pertaining to well control as listed in the Rule R649-3-7 of the Utah Division of Oil, Gas & Mining.

The size and rating of the BOP stack is shown on the attached diagram.

**4. Casing Program**

The proposed casing program will be as follows:

<i>Purpose</i>	<i>Depth</i>	<i>Hole Size</i>	<i>O.D.</i>	<i>Weight</i>	<i>Grade</i>	<i>Type</i>	<i>New/Used</i>
Surface	0'-800'	11"	9-5/8"	36#	J-55	ST&C	New
Production	0'-7,575'	7-7/8"	5-1/2"	17#	J-55	ST&C	New

Casing design subject to revision based on geologic conditions encountered.

**5. Cement Program**

<i>Surface</i>	<i>Type and Amount</i>
TOC @ Surface	600 sx Class G, 1.2 ft3/sk, 15.6 ppg
<i>Production</i>	<i>Type and Amount</i>
TOC @ 700'	Lead: 344 sx Hi Fill, 3.86 ft3/sk, 11 ppg Tail: 413 sx 50/50 Pox Aa, 1.19 ft3/sk, 14.5 ppg

**6. Drilling Fluids**

The proposed circulating mediums to be employed in drilling are as follows:

<i>Interval</i>	<i>Mud Type</i>	<i>Mud Wt.</i>	<i>Visc.</i>	<i>F/L</i>
0' - 800'	Spud Mud	8.4 - 9.5	28 - 40	N/C
800' - 7,575'	KCL / Polymer 2%	8.8 - 9.5	40 - 45	10 - 15



**Jensen State #11C-34-11-9**

**Lease No. ML-48060**

487' FNL and 647' FWL

NW NW Section 34, T11S - R9E

**DRILLING PROGRAM**

Utah County, Utah

Page 3

**7. Testing, Logging and Coring**

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated.
- b. The logging program will consist of a Triple Combo to be run from 800' to 7,575'.
- c. No cores are anticipated.

**8. Anticipated Pressures and H<sub>2</sub>S**

- a. Normal pressures and temperatures are expected in the objective formation. A maximum bottom hole pressure of 3257 psi is expected. A maximum bottom hole temperature of 220° Fahrenheit is anticipated. Sour gas (H<sub>2</sub>S) is not anticipated.

**9. Water Source**

- a. Water will be obtained from one of the two following sources:
  - Nelco Contractors will haul city water from the Price Fairgrounds.
  - Water will be trucked from Pioneer's Central Production Facility located in Section 11, T12S - R10E under Water Right No. 94-4983.

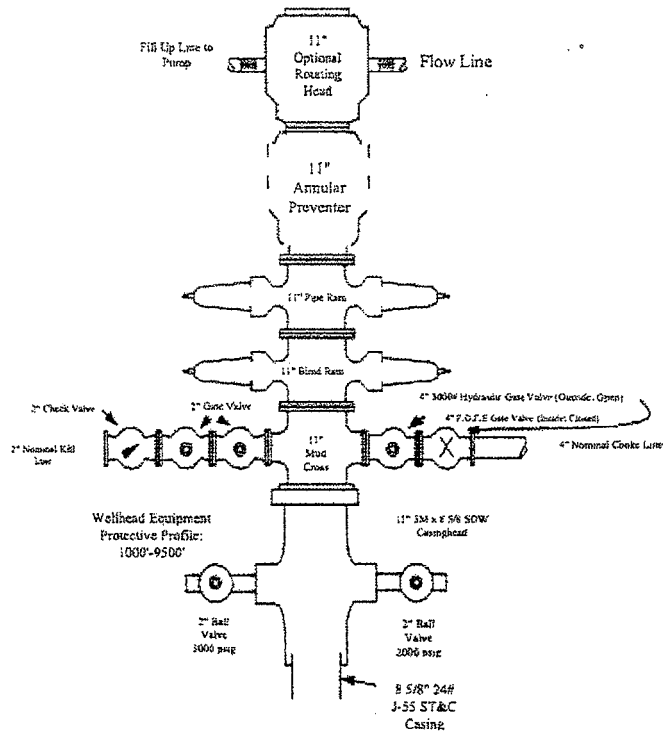
**10. Other Information**

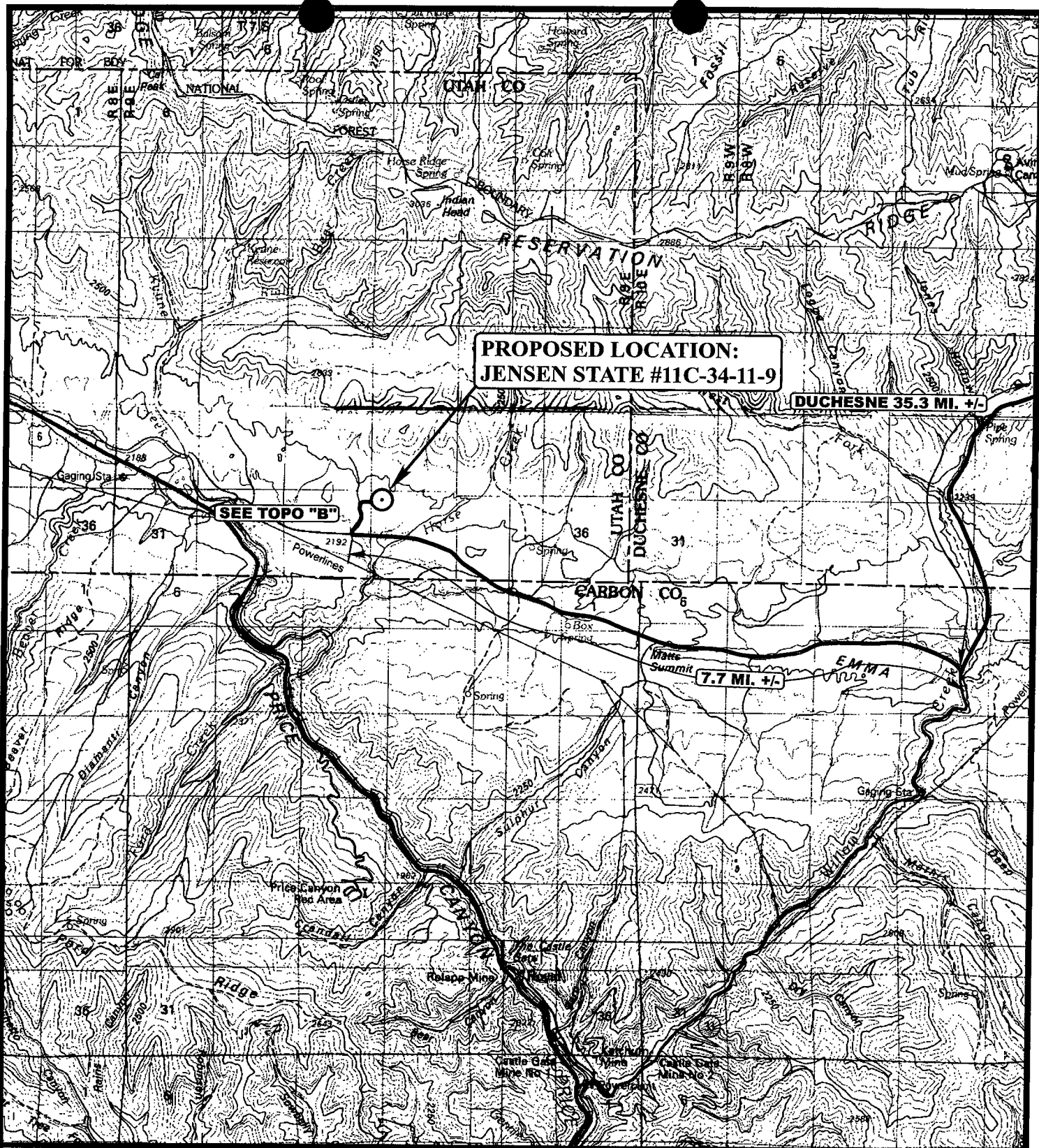
- a. Operations are planned to commence on August 15, 2008 to allow for drilling over the lease expiration on August 31, 2008.
- b. It is anticipated that the drilling of this well will take approximately 10 days.
- c. Lining of the reserve pit will be done if deemed necessary by the Utah Division of Oil, Gas and Minerals.
- d. At the end of drilling operations the location will be reclaimed and re-seeded as requested by the surface owner.

Surface Owner  
James Jensen  
2961 E. Caitland Ct.  
Salt Lake City, UT 84121



Pioneer Minimum Class 3 Annular  
 Blow-Out Preventer Requirements  
 All 3000 PSI WP Equipment  
 (Except Casinghead & Spools as Noted  
 Below





**LEGEND:**

○ PROPOSED LOCATION



**PIONEER NATURAL RESOURCES USA, INC.**

**JENSEN STATE #11C-34-11-9**  
**SECTION 34, T11S, R9E, S.L.B.&M.**  
**487' FNL 647' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**08 02 08**  
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: S.L. REVISED: 00-00-00



R  
9  
E

**PROPOSED LOCATION:  
JENSEN STATE #11C-34-11-9**

**PROPOSED ACCESS 0.2 MI. +/-**

**EXISTING 2-TRACK NEEDS  
UPGRADED 0.4 MI. +/-**

T11S  
T12S





UTAH CO  
CARBON CO

DUCHESNE 43.0 MI. +/-

**LEGEND:**

- 1** 18" CMP REQUIRED
- 2** 36" CMP REQUIRED
- 3** CATTLEGUARD REQUIRED

**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING 2-TRACK NEEDS UPGRADED
-  EXISTING FENCE

**PIONEER NATURAL RESOURCES USA, INC.**

**JENSEN STATE #11C-34-11-9  
SECTION 34, T11S, R9E, S.L.B.&M.  
487' FNL 647' FWL**

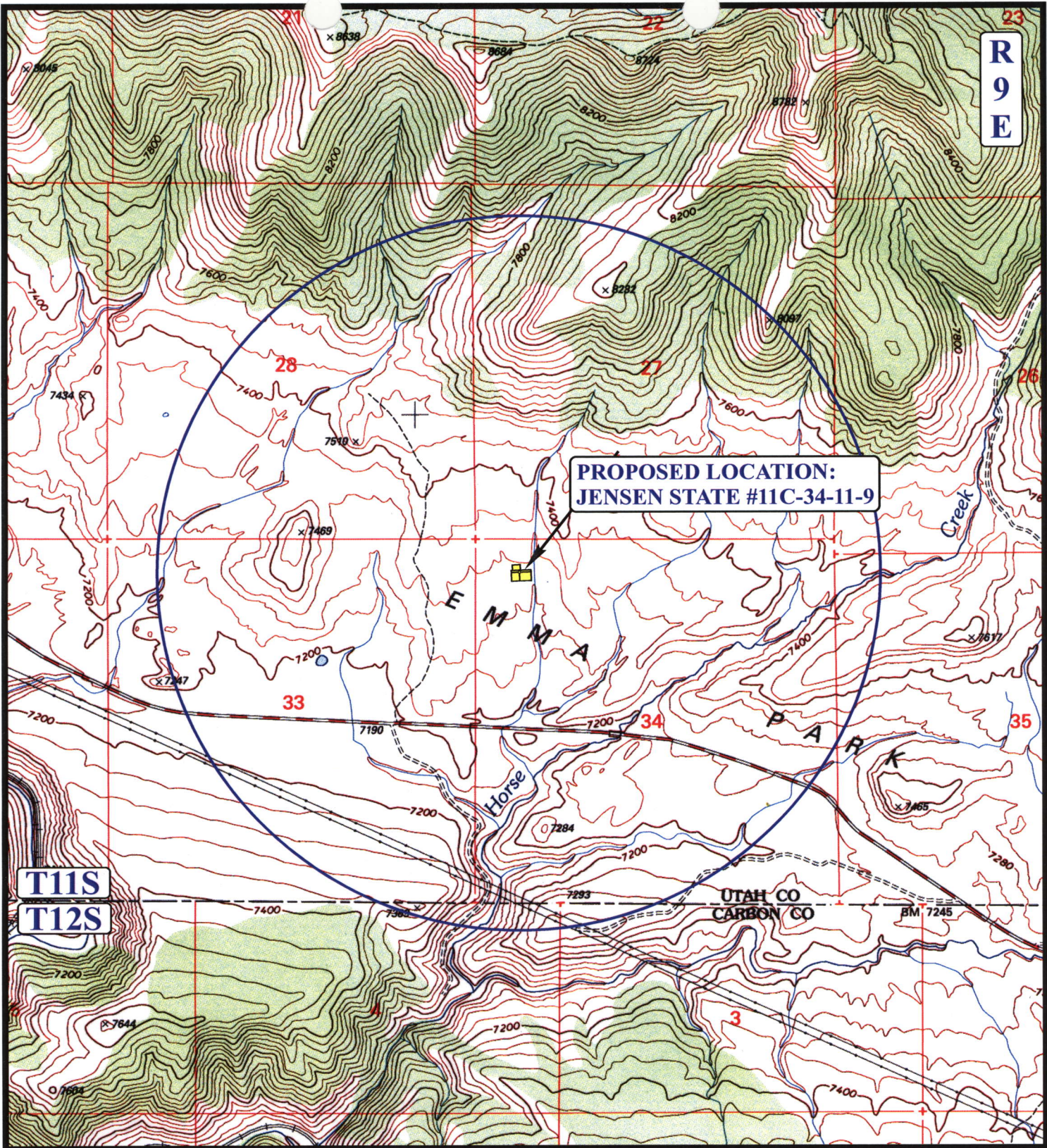


**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP** 08 02 08  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: S.L. REVISED: 00-00-00





**PROPOSED LOCATION:  
JENSEN STATE #11C-34-11-9**

**T11S  
T12S**

**UTAH CO  
CARBON CO**

**LEGEND:**

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- ⦿ SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- ⦿ TEMPORARILY ABANDONED

**PIONEER NATURAL RESOURCES USA, INC.**

**JENSEN STATE #11C-34-11-9  
SECTION 34, T11S, R9E, S.L.B.&M.  
487' FNL 647' FWL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

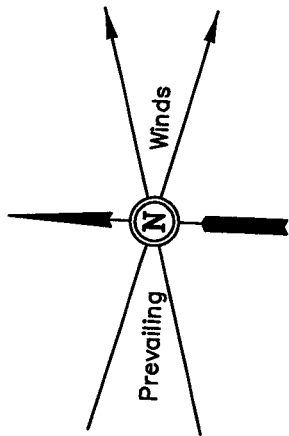
**TOPOGRAPHIC MAP** **08 02 08**  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: S.L. REVISED: 00-00-00



PIONEER NATURAL RESOURCES USA, INC.

FIGURE #1

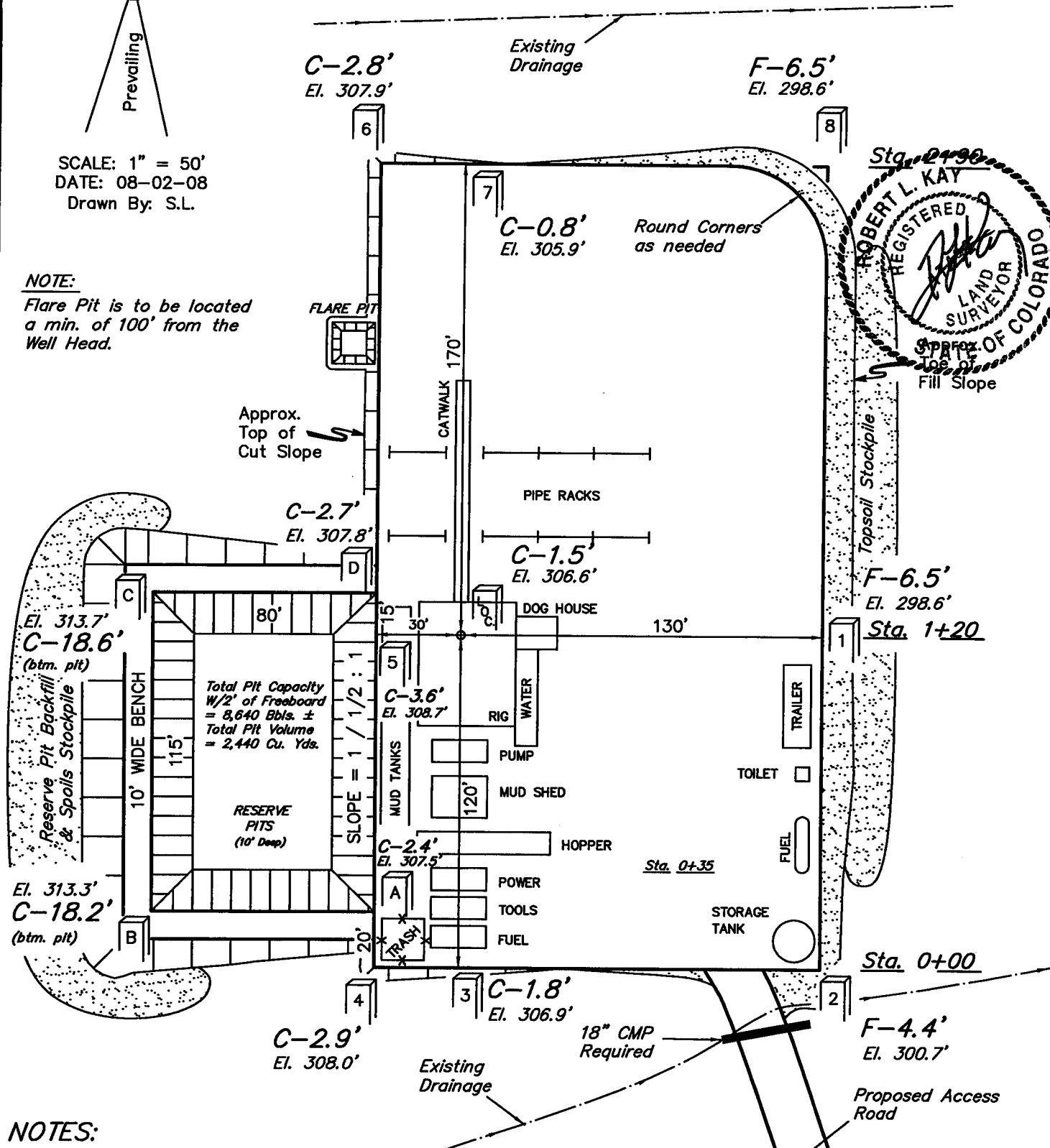
LOCATION LAYOUT FOR  
 JENSEN STATE #11C-34-11-9  
 SECTION 34, T11S, R9E, S.L.B.&M.  
 487' FNL 647' FWL



SCALE: 1" = 50'  
 DATE: 08-02-08  
 Drawn By: S.L.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



Total Pit Capacity  
 W/2' of Freeboard  
 = 8,640 Bbls. ±  
 Total Pit Volume  
 = 2,440 Cu. Yds.

RESERVE  
 PITS  
 (10' Deep)

NOTES:

Elev. Ungraded Ground At Loc. Stake = 7306.6'  
 FINISHED GRADE ELEV. AT LOC. STAKE = 7305.1'

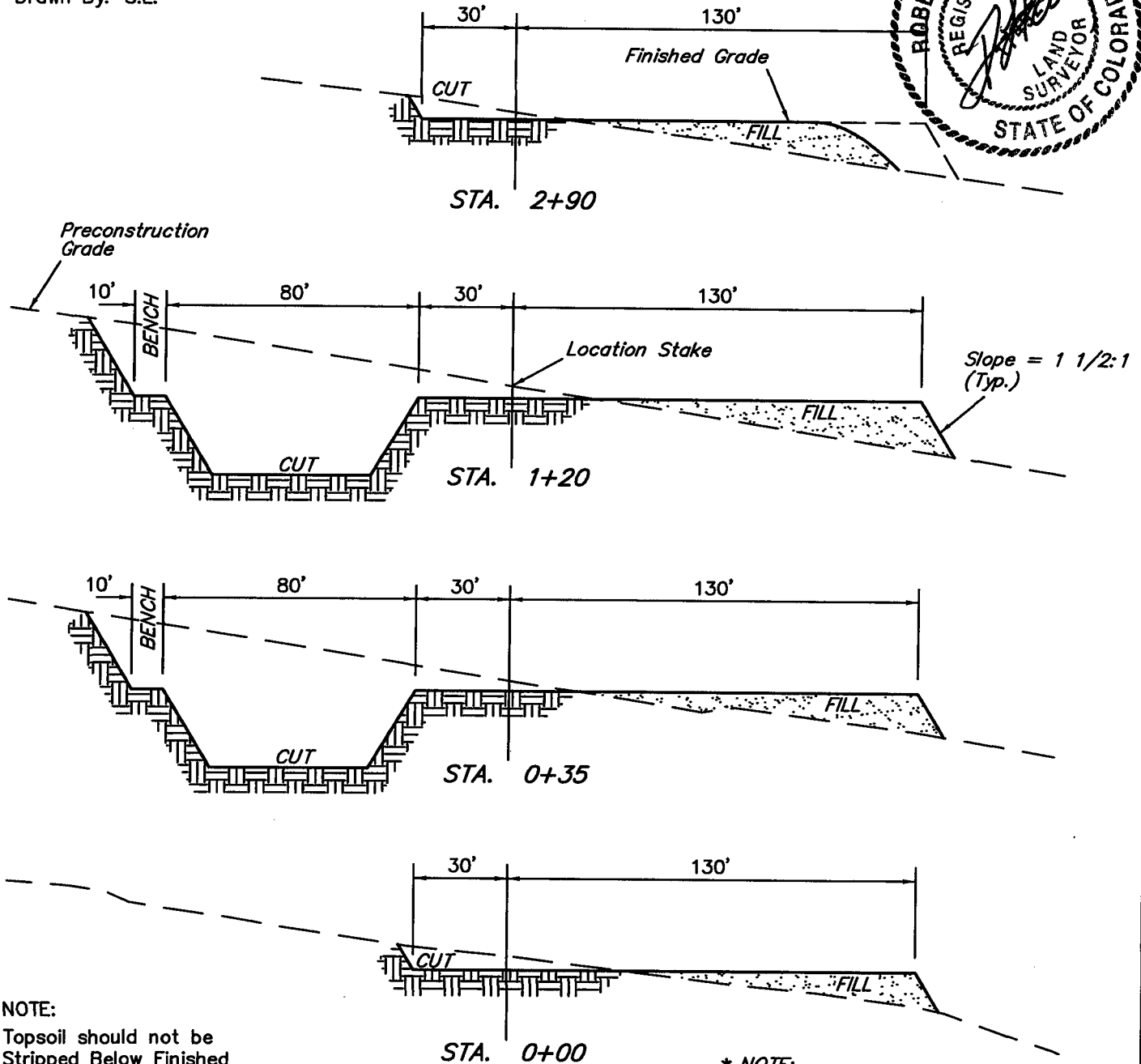
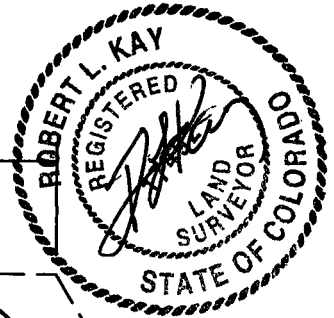
PIONEER NATURAL RESOURCES USA, INC.

FIGURE #2

TYPICAL CROSS SECTIONS FOR  
 JENSEN STATE #11C-34-11-9  
 SECTION 34, T11S, R9E, S.L.B.&M.  
 487' FNL 647' FWL

1" = 20'  
 X-Section  
 Scale  
 1" = 50'

DATE: 08-02-08  
 Drawn By: S.L.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

\* NOTE:  
 FILL QUANTITY INCLUDES  
 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,290 Cu. Yds.
Remaining Location	= 6,120 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 7,410 CU.YDS.</b>
<b>FILL</b>	<b>= 4,900 CU.YDS.</b>

EXCESS MATERIAL	= 2,510 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,510 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
 85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# PIONEER NATURAL RESOURCES USA, INC.

## JENSEN STATE #11C-34-11-9

LOCATED IN UTAH COUNTY, UTAH  
SECTION 34, T11S, R9E, S.L.B.&M.

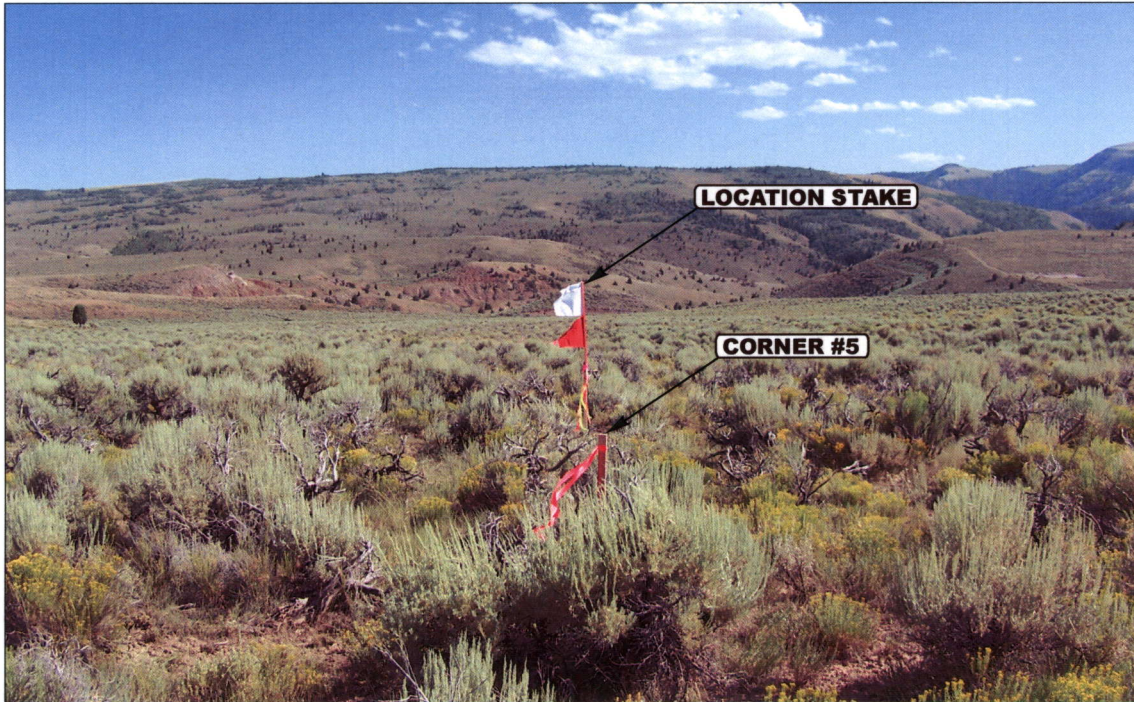


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017

LOCATION PHOTOS

08 02 08  
MONTH DAY YEAR

PHOTO

TAKEN BY: N.H.

DRAWN BY: S.L.

REVISED: 00-00-00

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/06/2008

API NO. ASSIGNED: 43-049-30024
--------------------------------

WELL NAME: JENSEN ST 11C-34-11-9  
 OPERATOR: PIONEER NATURAL ( N5155 )  
 CONTACT: VENESSA LANGMACHER

PHONE NUMBER: 303-857-9999

PROPOSED LOCATION:

NWNW 34 110S 090E  
 SURFACE: 0487 FNL 0647 FWL  
 BOTTOM: 0487 FNL 0647 FWL  
 COUNTY: UTAH  
 LATITUDE: 39.82685 LONGITUDE: -110.9112  
 UTM SURF EASTINGS: 507597 NORTHINGS: 4408333  
 FIELD NAME: WILDCAT ( 1 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	8/19/08
Geology		
Surface		

LEASE TYPE: 3 - State  
 LEASE NUMBER: ML-48060  
 SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: MNCS  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]  
(No. 104319462 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 94-4983 )
- RDCC Review (Y/N)  
(Date: 08/27/2008 )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS:

*Needs Permit (08-26-08)*

STIPULATIONS:

*1. Spacing Strip  
2. STATEMENT OF BASIS*

28

27

26

T11S R9E

JENSEN ST  
11C-34-11-9



33

34

35

T12S R9E

4

3

2

OPERATOR: PIONEER NAT RES (N5155)

SEC: 34 T.11S R. 9E

FIELD: WILDCAT (001)

COUNTY: UTAH

SPACING: R649-3-2 / GENERAL SITING

- 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

- 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



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 12-AUGUST-2008

# Application for Permit to Drill

## Statement of Basis

8/28/2008

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
936	43-049-30024-00-00		GW	P	No
<b>Operator</b>	PIONEER NATURAL RESOURCES USA, IN		<b>Surface Owner-APD</b>		
<b>Well Name</b>	JENSEN ST 11C-34-11-9	<b>Unit</b>			
<b>Field</b>	WILDCAT	<b>Type of Work</b>			
<b>Location</b>	NWNW 34 11S 9E S 487 FNL 647 FWL GPS Coord (UTM) 507597E 4408333N				

### Geologic Statement of Basis

A well drilled at this location will likely spud into a permeable soil developed on the Tertiary-age Colton Formation. It is likely that considerable volumes of fresh water may be encountered in permeable Tertiary Flagstaff Limestone and Tertiary/Cretaceous-age North Horn Formation and the Cretaceous-age Mesa Verde Group strata. The nearest mapping of the base of moderately saline ground water in the area (~18 miles east) implies that it may be as much as 5,000' below the surface. No water rights have been filed within a mile of the location. Drainage is to the south southwest in the Price River watershed. The proposed casing and cementing program will adequately protect the ground water resources, however, a KCL/Polymer drilling fluid system is proposed for use below 800'. The use of KCL should be discouraged to minimize the introduction of dissolved solids into USDW aquifers within the Colorado River Drainage. The 800' of surface casing will only protect the silty Colton Formation from saline drilling fluids TDS exposure. The prodigious column of permeable sands in the Cretaceous is exposed during drilling below the surface casing.

Chris Kierst

8/26/2008

**APD Evaluator**

**Date / Time**

### Surface Statement of Basis

On-site evaluation conducted August 26, 2008. In attendance: Bart Kettle-Division of Oil, Gas and Mining (DOGGM), Dallas Christensen-Pioneer Natural Resources, Neil Hoops-Uintah Engineering & Land Surveying. Invited and choosing not to attend: Jim Jensen-Surface Representative

Access road encounters two significant wash crossings, outlet of culverts should be rip rapped to prevent down cutting of wash bottom. Utah County should be contacted for encroachment onto the county road system and to determine if a BLM ROW is required.

Bart Kettle

8/26/2008

**Onsite Evaluator**

**Date / Time**

### Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** PIONEER NATURAL RESOURCES USA, INC  
**Well Name** JENSEN ST 11C-34-11-9  
**API Number** 43-049-30024-0      **APD No** 936      **Field/Unit** WILDCAT  
**Location:** 1/4,1/4 NWNW      **Sec** 34      **Tw** 11S      **Rng** 9E      487 FNL 647 FWL  
**GPS Coord (UTM)**      **Surface Owner**

### Participants

Bart Kettle-Division of Oil, Gas and Mining (DOG M), Dallas Christensen-Pioneer Natural Resources, Neil Hoops-Uintah Engineering & Land Surveying

### Regional/Local Setting & Topography

Proposed project is ~9.5 miles northwest of Helper, located in Carbon County Utah. Location is surrounded by sage-step rangelands. Rangelands consist of a large sage-step valley nearly 10 miles wide. To the north topography rise into steep hillside dominated by Douglas fir and mountain browse communities, to the south are a series of steep canyons/ledges covered with Pinon/Juniper woodlands and Ponderosa pine and Gamble oak communities. Price River is a perennial water body, located two miles south of the project area. The project is located in a 16-18" precept zone in what is referred to as Emma Park. Regional topography is semi-arid rangelands dominated by Pinon/Juniper woodlands and salt scrub communities. Soils in the region are generally poorly developed, and moderate to highly erosive clay or clay loams.

### Surface Use Plan

#### **Current Surface Use**

Grazing  
Wildlife Habitat

#### **New Road**

<b>Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
0.6	<b>Width</b> 250 <b>Length</b> 290		WSTC

#### **Ancillary Facilities**

### Waste Management Plan Adequate?

### Environmental Parameters

#### **Affected Floodplains and/or Wetland N**

#### **Flora / Fauna**

##### **Flora:**

Grass: Thickspike wheatgrass, June grass, Salina rye,  
Forbs: Lomatium spp, spiny phlox, vetch spp, firecracker penstemon, Rocky Mountain aster, wavy leaf thistle, apricot mallow.  
Shrubs: Wyoming sage, rabbit brush spp, Utah serviceberry, common snowberry, woods rose  
Trees: None

Fauna: Could include a host of sage brush obligates such as sage grouse and sage thrasher. Host of small mammal such as cotton tail rabbits and deer mouse. Potential raptor habitat. Transitional range for elk, year long use by mule deer, red fox, coyote, bobcat and mountain lion. Seasonal use by migrating song birds.

#### **Soil Type and Characteristics**

Red to gray clays and clay loams.

**Erosion Issues** Y

Soils prone to wind erosion once disturbed. Mitigation not recommended.

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required** N

**Berm Required?** N

**Erosion Sedimentation Control Required?** N

**Paleo Survey Run?** N

**Paleo Potential Observed?** N

**Cultural Survey Run?** N

**Cultural Resources?** N

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

<b>Distance to Groundwater (feet)</b>	100 to 200	5
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	>1320	0
<b>Native Soil Type</b>	Low permeability	0
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>	10 to 20	5
<b>Affected Populations</b>	<10	0
<b>Presence Nearby Utility Conduits</b>	Not Present	0

**Final Score** 15 2 **Sensitivity Level**

**Characteristics / Requirements**

**Closed Loop Mud Required?** N

**Liner Required?** Y

**Liner Thickness** 12

**Pit Underlayment Required?** N

**Other Observations / Comments**

Signed surface agreement not yet in place at the time of the on-site evaluation. Verbal agreement given to operator and the Division from legal representation for surface owner.

Utah County not contacted for encroachment onto county road at time of the on-site evaluation. Preliminary look at GIS information indicates access road crosses up to 48' of BLM surface which may be covered in the county ROW but no further reserch has been completed.

Bart Kettle  
**Evaluator**

8/26/2008  
**Date / Time**

utah.gov Online Services Agency List Business

Search

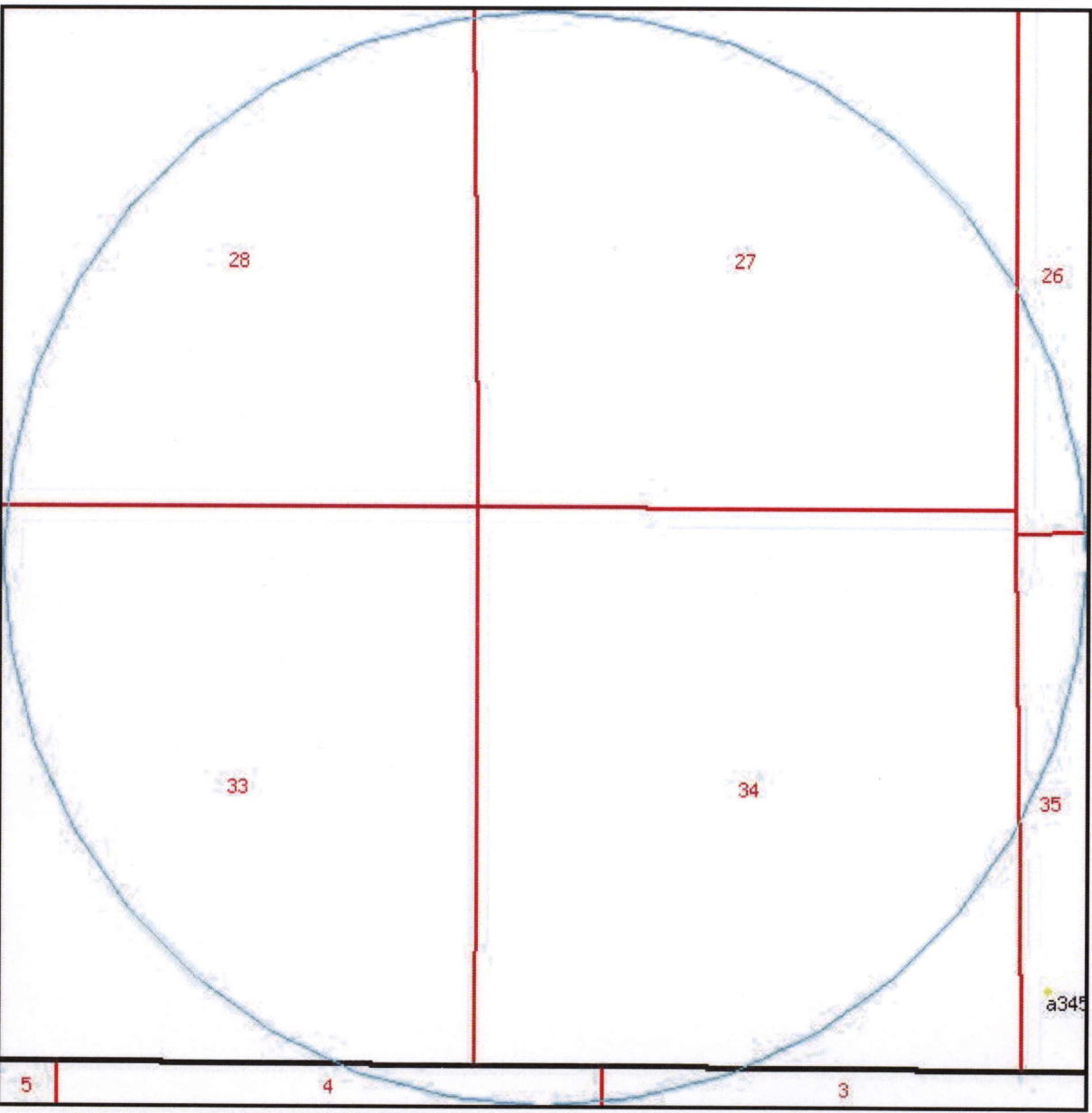
Utah Division of Water Rights



WRPLAT Program Output Listing

Version: 2007.04.13.01 Rundate: 08/27/2008 08:47 AM

Radius search of 5280 feet from a point S487 E647 from the NW corner, section 34, Township 11S, Range 9E, SL b&m Criteria:wrtypes=W,C,E podtypes=S,U,Sp status=U,A,P usetypes=all



0 700 1400 2100 2800 ft

**Water Rights**

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
a34568	Underground N775 E245 SW 35 11S 9E SL		U	20080609	M	0.000	5000.000	PRICE CITY MUNICIPAL CORPORATION C/O GARY SONNTAG

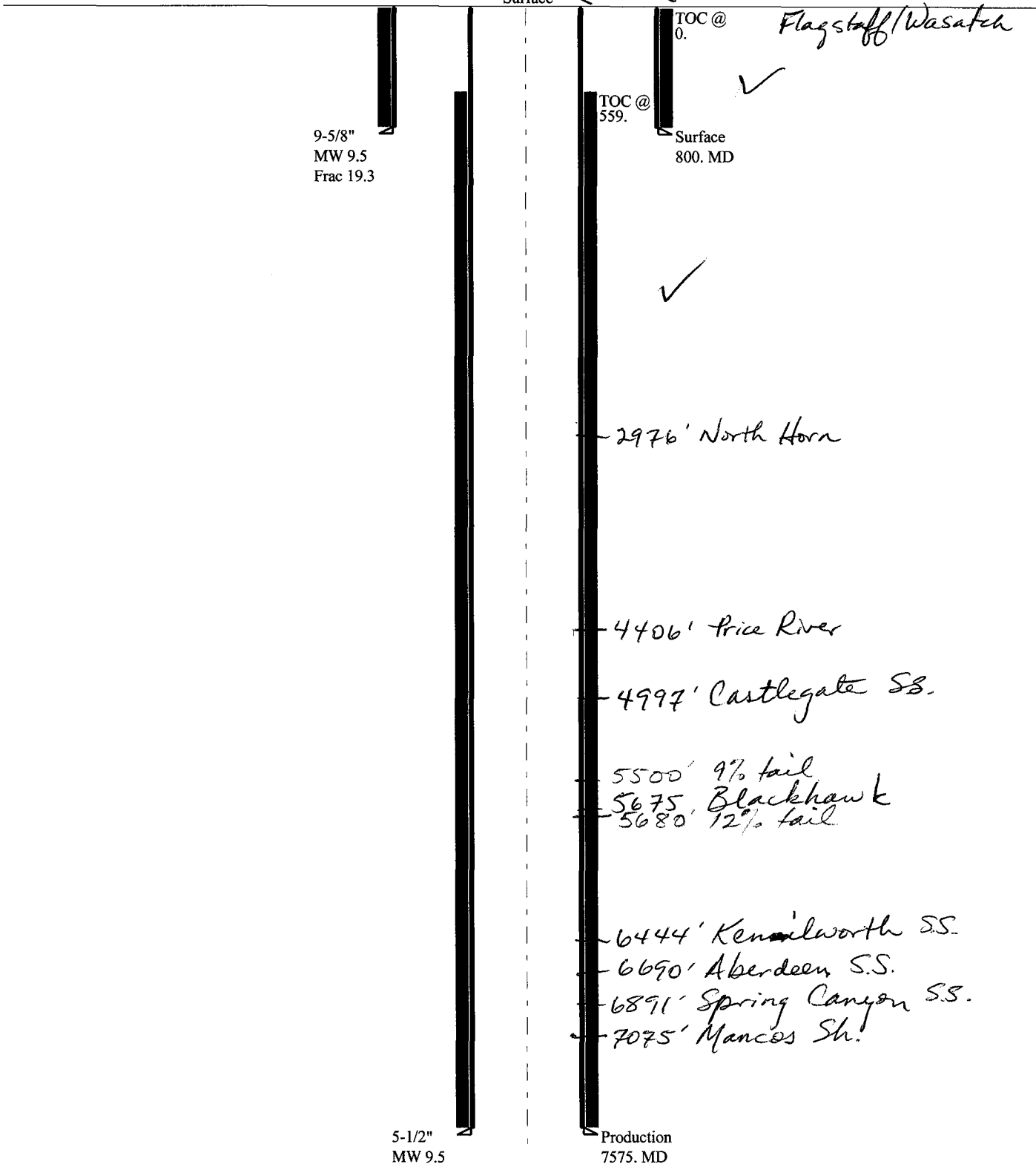
Utah Division of Water Rights | 1594 West North Temple Suite 220, P.O. Box 146300, Salt Lake City, Utah 84114-6300 | 801-538-7240  
[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

Casing Schematic

Surface

12 1/2%

18%



9-5/8"  
MW 9.5  
Frac 19.3

5-1/2"  
MW 9.5

TOC @  
559.

Surface  
800. MD

Flagstaff/Wasatch

2976' North Horn

4406' Price River

4997' Castlegate SS.

5500' 9% tail  
5675' Blackhawk  
5680' 12% tail

6444' Kennilworth SS.

6690' Aberdeen S.S.

6891' Spring Canyon S.S.

7075' Mancos Sh.

Production  
7575. MD

Well name:	<b>43049300240000 Jensen ST 11C-34-11-9</b>	
Operator:	<b>Pioneer Natural Resources USA, Inc.</b>	
String type:	Surface	Project ID: 43-049-30024-0000
Location:	Utah County	

**Design parameters:**

**Collapse**

Mud weight: 9.500 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 704 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP: 800 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

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

Tension is based on air weight.  
Neutral point: 688 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 76 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 185 ft

Cement top: Surface

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 7,575 ft  
Next mud weight: 9.500 ppg  
Next setting BHP: 3,738 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 800 ft  
Injection pressure: 800 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	800	9.625	36.00	J-55	ST&C	800	800	8.796	347.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	395	2020	5.116	800	3520	4.40	29	394	13.68 J

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

Phone: 810-538-5357

Date: August 19, 2008  
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 800 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

Well name:

**4304930024000 Jensen ST 11C-34-11-9**

Operator: **Pioneer Natural Resources USA, Inc.**

String type: **Production**

Project ID:

**43-049-30024-0000**

Location: **Utah County**

**Design parameters:**

**Collapse**

Mud weight: 9.500 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 171 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 368 ft  
Cement top: 559 ft

**Burst**

Max anticipated surface pressure: 2,072 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 3,738 psi

No backup mud specified.

**Tension:**

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

**Non-directional string.**

Tension is based on buoyed weight.  
Neutral point: 6,484 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7575	5.5	17.00	J-55	ST&C	7575	7575	4.767	988.7
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3738	4910	1.313	3738	5320	1.42	110	229	2.08 J

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

Phone: 810-538-5357

Date: August 19, 2008  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 7575 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

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

**BOPE REVIEW**

**Pioneer Jensen ST 11C-34-11-9 API 43-049-30024-0000**

**INPUT**

Well Name

Pioneer Jensen ST 11C-34-11-9 API 43-049-30024-0000			
String 1	String 2		
Casing Size (")	9 5/8	5 1/2	
Setting Depth (TVD)	800	7575	
Previous Shoe Setting Depth (TVD)	0	800	
Max Mud Weight (ppg)	8.4	9.5	
BOPE Proposed (psi)	0	3000	
Casing Internal Yield (psi)	3520	5320	
Operators Max Anticipated Pressure (psi)	3257	8.3 ppg	

**Calculations**

**String 1 9 5/8 "**


<b>Max BHP [psi]</b>	$.052 * \text{Setting Depth} * \text{MW} =$	349	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
<b>MASP (Gas) [psi]</b>	$\text{Max BHP} - (0.12 * \text{Setting Depth}) =$	253	NO
<b>MASP (Gas/Mud) [psi]</b>	$\text{Max BHP} - (0.22 * \text{Setting Depth}) =$	173	NO <i>Reasonable Depth - no expected pressures</i>
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
<b>Pressure At Previous Shoe</b>	$\text{Max BHP} - .22 * (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	173	NO
<b>Required Casing/BOPE Test Pressure</b>		800 psi	
<b>*Max Pressure Allowed @ Previous Casing Shoe =</b>		0 psi	*Assumes 1psi/ft frac gradient

**Calculations**

**String 2 5 1/2 "**

<b>Max BHP [psi]</b>	$.052 * \text{Setting Depth} * \text{MW} =$	3742	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
<b>MASP (Gas) [psi]</b>	$\text{Max BHP} - (0.12 * \text{Setting Depth}) =$	2833	YES ✓
<b>MASP (Gas/Mud) [psi]</b>	$\text{Max BHP} - (0.22 * \text{Setting Depth}) =$	2076	YES
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
<b>Pressure At Previous Shoe</b>	$\text{Max BHP} - .22 * (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	2252	NO <i>Anticipated press. 1767 max @ shoe - O.K.</i>
<b>Required Casing/BOPE Test Pressure</b>		3000 psi	
<b>*Max Pressure Allowed @ Previous Casing Shoe =</b>		800 psi	*Assumes 1psi/ft frac gradient

**STATE ACTIONS**  
**Resource Development Coordinating Committee**  
**Public Lands Policy Coordination Office**  
**5110 State Office Building**  
**SLC, UT 84114**  
**Phone No. 537-9230**

<b>1. State Agency</b> Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	<b>2. Approximate date project will start:</b>  Upon Approval or August 26, 2008
<b>3. Title of proposed action:</b> Application for Permit to Drill	
<b>4. Description of Project:</b> Pioneer Natural Resources USA, Inc. proposes to drill the Jensen State 11C-34-11-9 well (wildcat) on state lease ML-48060, Utah County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
<b>5. Location and detailed map of land affected (site location map required, electronic GIS map preferred)</b> (include UTM coordinates where possible) <b>(indicate county)</b> 487' FNL 647' FWL, NW/4 NW/4, Section 34, Township 11 South, Range 9 East, Utah County, Utah	
<b>6. Possible significant impacts likely to occur:</b> Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
<b>7. Identify local government affected</b> a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
<b>8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable:</b> a. Has the representative and senator been contacted? N/A	
<b>9. Areawide clearinghouse(s) receiving state action:</b> (to be sent out by agency in block 1) Mountainlands Association of Government	
<b>10. For further information, contact:</b>   Diana Mason Phone: (801) 538-5312	<b>11. Signature and title of authorized officer</b>   Gil Hunt, Associate Director Date: August 12, 2008

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>		5. MINERAL LEASE NO.: <b>ML-48060</b>	6. SURFACE: <b>Fee</b>
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: <b>N/A</b>	
2. NAME OF OPERATOR: <b>Pioneer Natural Resources USA, Inc.</b>		9. WELL NAME and NUMBER: <b>Jensen State #11C-34-11-9</b>	
3. ADDRESS OF OPERATOR: <b>1401 - 17th Street, Suite 1200, Denver, CO 80202</b>		PHONE NUMBER: <b>303/675-2782</b>	10. FIELD AND POOL, OR WILDCAT: <i>Whitted</i>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>507597 X 4408333 Y 39.826846</b> AT PROPOSED PRODUCING ZONE: <b>487' FNL and 647' FWL - NW NW - 110.911231</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: <b>Section 34, T11S - R9E</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>Approximately 43.6 miles southwest of Duchesne, UT</b>		12. COUNTY: <b>Utah County</b>	13. STATE: <b>UT</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>1807'</b>	16. NUMBER OF ACRES IN LEASE: <b>1280</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40 Acres</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): <b>None</b>	19. PROPOSED DEPTH: <b>7,575'</b>	20. BOND DESCRIPTION: <b>Utah State Bond No. 104319463</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>7307' GL</b>	22. APPROXIMATE DATE WORK WILL START: <b>8/15/2008</b>	23. ESTIMATED DURATION: <b>10 Days</b>	

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
11"	9-5/8", J-55, 36#	800'	600 sx Class G, 1.2 ft3/sk, 15.6 ppg
7-7/8"	5-1/2", J-55, 17#	7,575'	344 sx Hifill. 3.86 ft3/sk, 11 ppg + 413 sx 50/50 Pox Aa, 1.19 ft3/sk, 14.5 ppg

25. **ATTACHMENTS** CONFIDENTIAL-TIGHT HOLE

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

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

AGENT: **Permitco Inc., P.O. Box 99, Eastlake, CO 80614** AGENT'S PHONE NO.: **303/857-9999**

NAME (PLEASE PRINT) Venessa Langmacher TITLE Regulatory Supervisor/Agent for Pioneer Natural Resources USA, Inc.

SIGNATURE *Venessa Langmacher* DATE August 5, 2008

(This space for State use only)

API NUMBER ASSIGNED: 43-049-30024 APPROVAL: \_\_\_\_\_

# T11S, R9E, S.L.B.&M.

Set Marked Stone,  
Pile of Stones

S89°41'07"W - 2641.29' (Meas.)

EAST - 2653.20' (G.L.O.)

Set Marked Stone,  
Wood Post

JENSEN STATE #11C-34-11-9  
Elev. Ungraded Ground = 7307'

N00°05'27"W - 2669.83' (Meas.)

NORTH - 2640.00' (G.L.O.)

N00°49'W - 2702.04' (G.L.O.)

N00°49'W - 2701.38' (G.L.O.)

Set Marked Stone,  
Pile of Stones

34

T11S  
T12S

N89°31'W - 2669.04' (G.L.O.)

N89°31'W - 2671.68' (G.L.O.)

## LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)  
LATITUDE = 39°49'36.48" (39.826800)  
LONGITUDE = 110°54'43.35" (110.912042)  
(AUTONOMOUS NAD 27)  
LATITUDE = 39°49'36.62" (39.826839)  
LONGITUDE = 110°54'40.77" (110.911325)

## PIONEER NATURAL RESOURCES USA, INC.

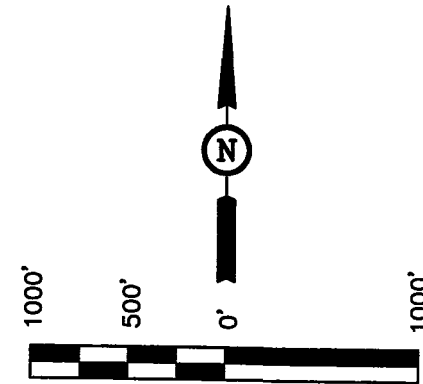
Well location, JENSEN STATE #11C-34-11-9,  
located as shown in the NW 1/4 NW 1/4 of  
Section 34, T11S, R9E, S.L.B.&M., Utah County,  
Utah.

### BASIS OF ELEVATION

BENCH MARK LOCATED AT THE NORTHEAST CORNER OF SECTION  
3, T12S, R9E, S.L.B.&M., TAKEN FROM THE KYUNE QUADRANGLE,  
UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY  
THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL  
SURVEY. SAID ELEVATION IS MARKED AS BEING 7245 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

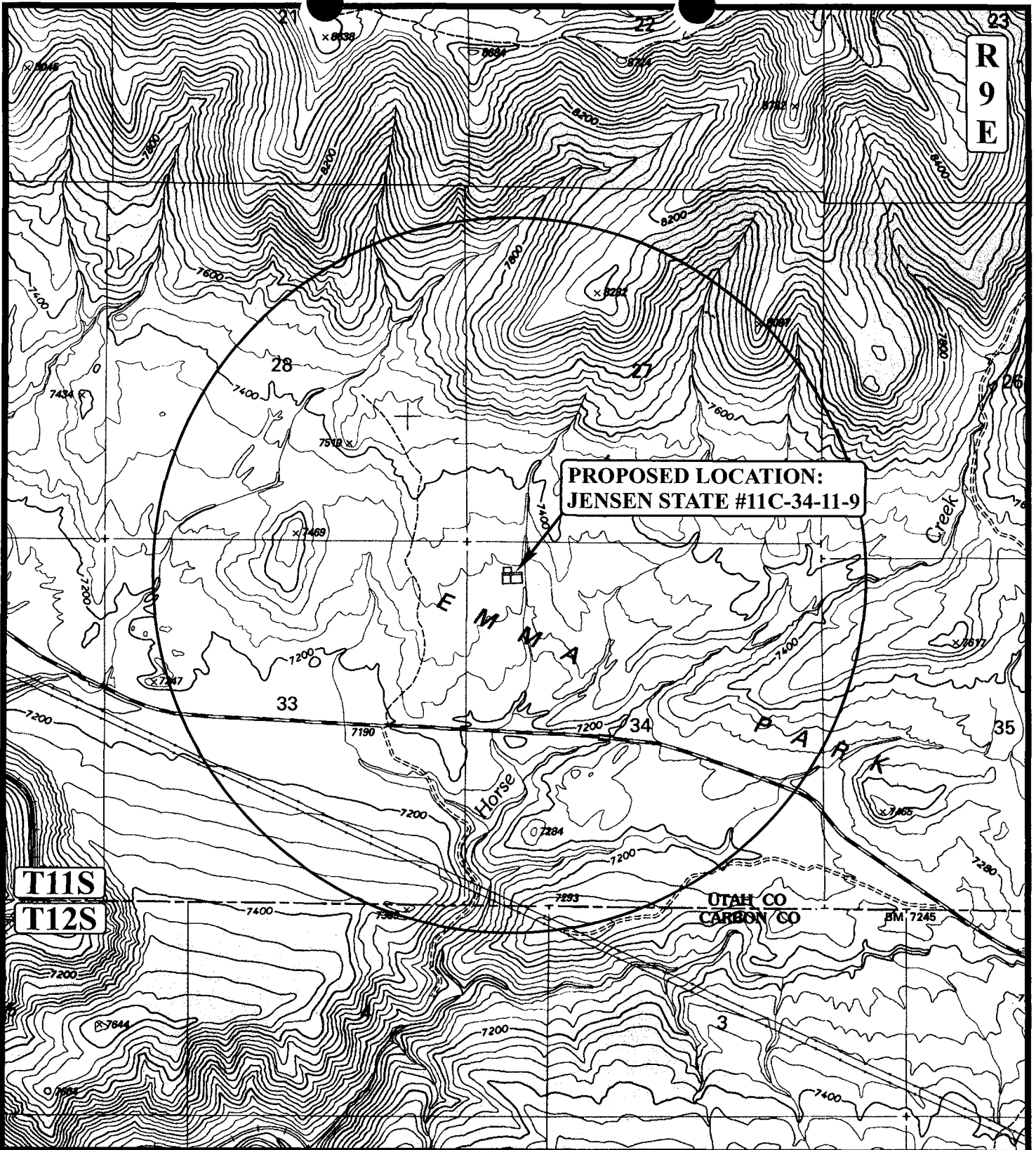
### CERTIFICATE

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  
REGISTRATION NO. 77492  
STATE OF COLORADO

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 07-31-08	DATE DRAWN: 08-02-08
PARTY N.H. S.H. S.L.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE PIONEER NATURAL RESOURCES USA, INC.	



**PROPOSED LOCATION:  
JENSEN STATE #11C-34-11-9**

**T11S  
T12S**

**UTAH CO  
CARBON CO**

BM 7245

**LEGEND:**

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ♂ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



**PIONEER NATURAL RESOURCES USA, INC.**

**JENSEN STATE #11C-34-11-9  
SECTION 34, T11S, R9E, S.L.B.&M.  
487' FNL 647' FWL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** 08 02 08  
**MAP** MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: S.L. REVISED: 00-00-00



**From:** Robert Clark  
**To:** "CarolynWRIGHT@Utah.gov".MAIL.MNET; Mason, Diana  
**Date:** 8/18/2008 9:09 AM  
**Subject:** Re: New RDCC Projects Notice (08/17/2008)

**CC:** Anderson, Tad; McNeill, Dave  
The following comments are submitted in response to **RDCC #9614** and **RDCC #9615**.

**RDCC #9614, comments begin:** The Pioneer Natural Resources USA Inc. proposal to drill the Jensen State 11C-34-11-9 wildcat well, in Utah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: Permit: Notice of Intent and Approval Order, of the Utah Air Quality Rules. A copy of the rules is found at [www.rules.utah.gov/publicat/code/r307/r307.htm](http://www.rules.utah.gov/publicat/code/r307/r307.htm) .

*In addition, the project is subject to R307-205-5, Fugitive Dust, since the project could have a short-term impact on air quality due to the fugitive dust that could be generated during the excavation and construction phases of the project. An Approval Order is not required solely for the control of fugitive dust, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks.*  
A copy of the rules may be found at [www.rules.utah.gov/publicat/code/r307/r307.htm](http://www.rules.utah.gov/publicat/code/r307/r307.htm). **Comments end.**

**RDCC #9615, Comments begin:** The Marion Energy Inc. proposal to drill the Allred 13-1 wildcat well, in Carbon County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: Permit: Notice of Intent and Approval Order, of the Utah Air Quality Rules. A copy of the rules is found at [www.rules.utah.gov/publicat/code/r307/r307.htm](http://www.rules.utah.gov/publicat/code/r307/r307.htm) .

*In addition, the project is subject to R307-205-5, Fugitive Dust, since the project could have a short-term impact on air quality due to the fugitive dust that could be generated during the excavation and construction phases of the project. An Approval Order is not required solely for the control of fugitive dust, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks.*  
A copy of the rules may be found at [www.rules.utah.gov/publicat/code/r307/r307.htm](http://www.rules.utah.gov/publicat/code/r307/r307.htm). **Comments end.**

Robert Clark  
Division of Air Quality  
801-536-4435

>>> Carolyn Wright <[CarolynWRIGHT@Utah.gov](mailto:CarolynWRIGHT@Utah.gov)> 8/17/2008 6:20 AM >>>  
New projects received between August 11, 2008 and August 17, 2008  
**Please mark each project you will be commenting on and reply to this message.**  
New project details can be found on our website ( <http://govdata.state.ut.us/programs/rdcc.asp> )

No Category  
Project Number: 9609 ( <http://governor.utah.gov/rdcc/Y2008/08-9609.pdf> )  
Sponsor: USDA/Forest Service  
SLB&M:  
Counties Affected:  
Description: Sensitive Species and Endangered Species Act Section 7 Consultation Policy for National Forest System Land Management Planning Under the 2008 Planning Rule - Notice of Issuance of Interim directive. Federal Register Notice dated 8/8/08, page 46242.  
Will Comment    Comments Due to GOPB 09/01/2008  
Other Proposed Actions  
Project Number: 9608 ( <http://governor.utah.gov/rdcc/Y2008/08-9608.pdf> )  
Sponsor: DOI/FWS  
SLB&M:  
Counties Affected:  
Description: Information Collection Sent to the OMB for Approval; Hunting and Fishing Application Forms and Activity Reports for National Wildlife Refuges. Federal Register Notice dated 8/8/08, page 46323.  
Will Comment    Comments Due to GOPB 09/01/2008Project Number: 9616 ( <http://governor.utah.gov/rdcc/Y2008/08-9616.pdf> )  
Sponsor: Division of Forestry, Fire and State Lands  
SLB&M: Sec. 10, T21S, R15E

Counties Affected: Grand  
Description: Easement #400 00177  
Will Comment Comments Due to GOPB 09/05/2008Project Number: 9625 ( <http://governor.utah.gov/rdcc/Y2008/08-9625.pdf> )  
Sponsor: Trust Land Administration  
SLB&M:  
Counties Affected:  
Description: Public Notice  
Will Comment Comments Due to GOPB 09/08/2008Project Number: 9607 ( <http://governor.utah.gov/rdcc/Y2008/08-9607.pdf> )  
Sponsor: DOI/BLM  
SLB&M:  
Counties Affected: Sanpete  
Description: Notice of Proposed Reinstatement of Terminated Oil and Gas Leases. Federal Register Notice dated 8/11/08, page 46643.  
Comments Due to Sponsor 08/11/2008Project Number: 9606 ( <http://governor.utah.gov/rdcc/Y2008/08-9606.pdf> )  
Sponsor: USDA/Forest Service - Uinta Natl Forest  
SLB&M:  
Counties Affected:  
Description: Land purchase  
Comments Due to Sponsor 08/11/2008Project Number: 9610 ( <http://governor.utah.gov/rdcc/Y2008/08-9610.pdf> )  
Sponsor: DOI/BLM  
SLB&M:  
Counties Affected:  
Description: Notice of Proposed Legislative Withdrawal and Public Meeting. Federal Register Notice dated 8/8/08, page 46332.  
Will Comment Comments Due to GOPB 10/30/2008  
Short Turn Around  
Project Number: 9614 ( <http://governor.utah.gov/rdcc/Y2008/08-9614.pdf> )  
Sponsor: Division of Oil, Gas and Mining  
SLB&M: Sec. 34, T11S, R9E  
Counties Affected: Utah  
Description: Application for Permit to Drill - proposal to drill a wildcat well the Jensen State 11C-34-11-9 on state lease ML-48060  
Will Comment Comments Due to GOPB 08/27/2008Project Number: 9615 ( <http://governor.utah.gov/rdcc/Y2008/08-9615.pdf> )  
Sponsor: Division of Oil, Gas and Mining  
SLB&M: Sec. 13, T12S, R11E  
Counties Affected: Carbon  
Description: Application for Permit to Drill - proposal to drill a wildcat well the Allred 13-1 on federal lease UTU 77892  
Will Comment Comments Due to GOPB 08/27/2008  
Stream Alterations  
Project Number: 9612 ( [http://waterrights.utah.gov/cgi-bin/strmview.exe?Permit\\_Number=08430015&Modinfo=Viewapp](http://waterrights.utah.gov/cgi-bin/strmview.exe?Permit_Number=08430015&Modinfo=Viewapp) )  
Sponsor: Division of Water Rights  
SLB&M: Sec. 17, T4S, R9W  
Counties Affected: Wasatch  
Description: Strawberry River (No. 08-43-15SA) - new diversion structure  
Comments Due to Sponsor 08/31/2008Project Number: 9611 ( [http://waterrights.utah.gov/cgi-bin/strmview.exe?Permit\\_Number=08810022&Modinfo=Viewapp](http://waterrights.utah.gov/cgi-bin/strmview.exe?Permit_Number=08810022&Modinfo=Viewapp) )  
Sponsor: Division of Water Rights  
SLB&M: Sec. 2, T42S, R16W  
Counties Affected: Washington  
Description: Halfway Wash Tributaries (No. 08-81-22SA) - new culvert  
Comments Due to Sponsor 08/31/2008Project Number: 9621 ( [http://waterrights.utah.gov/cgi-bin/strmview.exe?Permit\\_Number=08850001&Modinfo=Viewapp](http://waterrights.utah.gov/cgi-bin/strmview.exe?Permit_Number=08850001&Modinfo=Viewapp) )  
Sponsor: Division of Water Rights  
SLB&M: Sec. 32, T42S, R6W  
Counties Affected: Kane  
Description: Unnamed Wash (No. 08-85-01SA) - new culvert  
Comments Due to Sponsor 09/01/2008Project Number: 9622 ( [http://waterrights.utah.gov/cgi-bin/strmview.exe?Permit\\_Number=08350040&Modinfo=Viewapp](http://waterrights.utah.gov/cgi-bin/strmview.exe?Permit_Number=08350040&Modinfo=Viewapp) )  
Sponsor: Division of Water Rights  
SLB&M: Sec. 9, T5N, R2W  
Counties Affected:  
Description: Howard Slough (No. 08-35-40SA) - extend existing box culvert  
Comments Due to Sponsor 09/02/2008Project Number: 9624 ( [http://waterrights.utah.gov/cgi-bin/strmview.exe?Permit\\_Number=08350040&Modinfo=Viewapp](http://waterrights.utah.gov/cgi-bin/strmview.exe?Permit_Number=08350040&Modinfo=Viewapp) )  
Sponsor: Division of Water Rights  
SLB&M: Sec. 9, T5N, R2W  
Counties Affected: Weber  
Description: Howard Slough (No. 08-35-40SA) - extend existing box culvert

Comments Due to Sponsor 09/02/2008

Environmental Quality

Project Number: 9619 ( <http://governor.utah.gov/rdcc/Y2008/08-9619.pdf> )

Sponsor: Department of Environmental Quality

SLB&M:

Counties Affected: Washington

Description: One Public Notice (DAQE-NN0108920009-08) - air quality permit

Comments Due to Sponsor 08/13/2008

Information

Project Number: 9613 ( <http://governor.utah.gov/rdcc/Y2008/08-9613.pdf> )

Sponsor: DOI/Ofc of Surface Ming Reclamation and Enforcement

SLB&M:

Counties Affected:

Description: Utah Regulatory Program - Final rule; approval of amendment. Federal Register Notice dated 8/12/08, page 46804.

Comments Due to Sponsor 08/12/2008Project Number: 9617 ( <http://governor.utah.gov/rdcc/Y2008/08-9617.pdf> )

Sponsor: DOI/FWS

SLB&M:

Counties Affected:

Description: Migratory Bird Permits; Revisions to Migratory Bird Import and Export Regulations - Final rule. Federal Register Notice dated 8/13/08, page 47092.

Comments Due to Sponsor 08/13/2008Project Number: 9618 ( <http://governor.utah.gov/rdcc/Y2008/08-9618.pdf> )

Sponsor: DOI/URMCC

SLB&M:

Counties Affected:

Description: Lower Duchesne River Wetlands Mitigation Project (LDWP) - Record of Decision (ROD)

Comments Due to Sponsor 08/13/2008Project Number: 9620 ( <http://governor.utah.gov/rdcc/Y2008/08-9620.pdf> )

Sponsor: DOI/BLM - Cedar City Field Ofc

SLB&M:

Counties Affected:

Description: Oil and Gas Leasing in the Eastern Portion of the Cedar City Field Office - Finding of No Significant Impact, Decision Record

Comments Due to Sponsor 08/13/2008Project Number: 9623 ( <http://governor.utah.gov/rdcc/Y2008/08-9623.pdf> )

Sponsor: DOI/BOR

SLB&M:

Counties Affected:

Description: Red Bridge Water Reuse Project EA and Finding of No Significant Impact (FONSI)

Comments Due to Sponsor 08/13/2008

August 26, 2008

Subject: RDCC Project #9614, Application for Permit to Drill Jensen State 11C-34-11-9 (wildcat)

Dear Carolyn:

The Utah Division of Wildlife Resources (UDWR) has reviewed the subject document, and we provide the following comments:

We are concerned that the proposed action will result in significant impacts to summer/fawning/calving habitat for mule deer and elk. This area is crucial summer range for mule deer and elk and we recommend that the seasonal closures of May 15<sup>th</sup> - July 5<sup>th</sup> be followed.

This well location is within 2 miles from a known greater sage-grouse lek. Utah's plan for Sage-grouse and development found at <http://www.wildlife.utah.gov/uplandgame/sage-grouse/sg-dev.php> is endorsed by the Governor's office. This plan states that suitable sage brush habitat within the 2 miles surrounding active sage-grouse leks is of extreme importance to the viability of sage-grouse populations. Development within 2 miles of active leks must be supported by careful planning, implimentation, monitoring and mitigation. Development may proceed when every reasonable effort has been made to avoid and reduce disturbance impacts to key habitats, through such means as using topographic screening and interspersed non-suitable habitat to avoid or reduce impacts on sage-grouse.

UDWR recommends that we participate in a pre-site visit to this well location in order to provide on-site concerns and recommendations, and assess if topography provides natural screening of this well pad from the sage-grouse lek. UDWR recommends that a biological survey be conducted to assess the existance and use of sage-grouse within the vicinity of this well location. UDWR also recommends that critical sage-grouse habitat stipulations of March 1 through June 15 be followed.

Thank you for the opportunity to review this proposed action and provide comment. If you have any questions, please call Kyle Beagley, Wildlife Biologist, at our Price office (435) 613-3719.

Sincerely,

Bill Bates  
Regional Supervisor

**PIONEER NATURAL RESOURCES USA, INC.**  
**1401 17<sup>TH</sup> Street, Suite 1200**  
**Denver, Colorado 80202**

August 27, 2008

Utah Division of Oil, Gas and Mining  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attention: Brad Hill  
Permitting Manager

RE: Jensen State 11-24-11-9

Gentlemen:

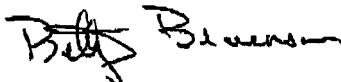
Pioneer Natural Resources USA, Inc. is attempting to spud the Jensen State 11-24-11-9 well prior to August 31, 2008. It is my understanding that DOGM is requesting verification that there is a Surface Use Agreement in place prior to approving the APD. Due to the fact that our Denver office is not open this week due to the Democratic National Convention, we are unable to forward you a copy of the fully executed Surface Use Agreement with James Jensen, the surface owner.

I certify that PNR has come to an agreement with the surface owner of the well location and that there is a Surface Use Agreement in place. The agreement has been executed by James Jensen, Jerry Jensen, Dix Jensen and myself as Attorney-in-Fact for Pioneer Natural Resources USA, Inc. Further, I have spoken with Mr. James Jensen this morning and he reiterated that he gave verbal approval to DOGM last week for the drilling of the well and that he declined the invitation to be present for the onsite.

Please consider this letter as sufficient notification that there is a Surface Use Agreement in place and proceed with approval of the APD. Thank you.

Very truly yours,

PIONEER NATURAL RESOURCES USA, INC.



Betty Brownson  
Land Manager/Attorney-in Fact



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

August 28, 2008

Pioneer Natural Resources USA, Inc  
1401 17th St., Ste. 1200  
Denver, CO 80202

Re: Jensen State 11C-34-11-9 Well, 487' FNL, 647' FWL, NW NW, Sec. 34, T. 11 South,  
R. 9 East, Utah 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.

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 43-049-30024.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Utah County Assessor  
SITLA

**Operator:** Pioneer Natural Resources USA, Inc  
**Well Name & Number** Jensen State 11C-34-11-9  
**API Number:** 43-049-30024  
**Lease:** ML-48060

**Location:** NW NW                      **Sec.** 34                      **T.** 11 South                      **R.** 9 East

### Conditions of Approval

#### 1. General

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

#### 2. Notification Requirements

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

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

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

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

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

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

#### 3. Reporting Requirements

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

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review.
7. 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.

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

**CONFIDENTIAL**

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**ML-48060**

**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:  
**JENSEN ST 11C-34-11-9**

2. NAME OF OPERATOR:  
**Pioneer Natural Resources USA, Inc., Attn: Joy Ziegler**

9. API NUMBER:  
**4304930024**

3. ADDRESS OF OPERATOR:  
1401 17th Street, # 1200 CITY **Denver** STATE **CO** ZIP **80202**

PHONE NUMBER:  
**(303) 675-2663**

10. FIELD AND POOL, OR WILDCAT:  
**Castlegate**

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **487 FNL 647 FWL**

COUNTY: **UTAH**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWNW 34 11S 09E**

STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <b>8/29/2008</b>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>Spud Date</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Please be advised that Pioneer Natural Resources has spud the JENSEN ST 11C-34-11-9 well. Pioneer set 40' of 14" conductor casing on 08/29/2008. The well is waiting on drilling.

NAME (PLEASE PRINT) **Joy A. Ziegler**

TITLE **Senior Engineering Tech**

SIGNATURE

*Joy A. Ziegler*

DATE **8/29/2008**

(This space for State use only)

**RECEIVED**

**SEP 03 2008**

**CONFIDENTIAL**

**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:  
**ML-48060**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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

8. WELL NAME and NUMBER:  
**Jensen State 11C-34-11-9**

2. NAME OF OPERATOR:  
**Pioneer Natural Resources USA, Inc., Attn: Joy Ziegler**

9. API NUMBER:  
**4304930024**

3. ADDRESS OF OPERATOR:  
**1401 17th Street, # 1200** CITY **Denver** STATE **CO** ZIP **80202**

PHONE NUMBER:  
**(303) 675-2663**

10. FIELD AND POOL, OR WILDCAT:  
**Castlegate**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **487 FNL 647 FWL**

COUNTY: **UTAH**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWNW 34 11S 09E**

STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
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	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Weekly Progress Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Pioneer Natural Resources has spudded the Jensen State 11C-34-11-9 well & set 40' of 14" conductor casing on 08/29/2008. The spud rig was moved off and we are currently waiting on a drilling rig - weekly progress reports will continue within a 90 day period.

NAME (PLEASE PRINT) Joy A. Ziegler

TITLE Senior Engineering Tech

SIGNATURE Joy A. Ziegler

DATE 9/4/2008

(This space for State use only)

**RECEIVED**

**SEP 08 2008**

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

ENTITY ACTION FORM

Operator: Pioneer Natural Resources USA, Inc. Operator Account Number: N 5155  
Address: 1401 17th Street - Suite 1200  
city Denver  
state CO zip 80202 Phone Number: (303) 675-2663

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304930024	Jensen St 11C-34-11-9		NWNW	34	11S	9E	Utah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17071	8/29/2008		9/22/08		
Comments: MNCS							<b>CONFIDENTIAL</b>

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)

RECEIVED  
SEP 11 2008

Joy A. Ziegler

Name (Please Print)

*Joy A. Ziegler*  
Signature

Senior Engineering Tech.

Title

9/2/2008

Date

7/19/08

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

FORM 9

CONFIDENTIAL

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48060

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER: Jensen State 11C-34-11-9

9. API NUMBER: 4304930024

10. FIELD AND POOL, OR WILDCAT: Castlegate

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

2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc., Attn: Joy Ziegler

3. ADDRESS OF OPERATOR: 1401 17th Street, # 1200 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 675-2663

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 487 FNL 647 FWL COUNTY: UTAH  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 34 11S 09E STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/29/2008	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Weekly Progress Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Pioneer Natural Resources has spudded the Jensen State 11C-34-11-9 well & set 40' of 14" conductor casing on 08/29/2008. The spud rig was moved off and we are currently waiting on a drilling rig - weekly progress reports will continue within a 90 day period.

NAME (PLEASE PRINT) Joy A. Ziegler TITLE Senior Engineering Tech

SIGNATURE *Joy A. Ziegler* DATE 9/4/2008

(This space for State use only)

RECEIVED  
OCT 20 2008

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-48060</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>Jensen State 11C-34-11-9</b>	
2. NAME OF OPERATOR: <b>Pioneer Natural Resources USA, Inc., Attn: Joy Ziegler</b>		9. API NUMBER: <b>4304930024</b>
3. ADDRESS OF OPERATOR: <b>1401 17th Street, # 1200</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 675-2663</b>	10. FIELD AND POOL, OR WILDCAT: <b>Castlegate</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>487 FNL 647 FWL</b>		COUNTY: <b>UTAH</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNW 34 11S 09E</b>		STATE: <b>UTAH</b>

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

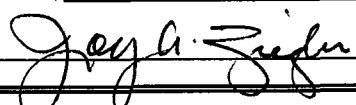
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <b>12/19/2008</b>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Weekly Progress Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

**12/13/08 - 12/19/08**

**RU Frontier Rig #1. Testing BOP. Drid 7-7/8" hole to 2760'. Drilling ahead**

**RECEIVED**  
**DEC 22 2008**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Joy A. Ziegler</u>	TITLE <u>Senior Engineering Tech</u>
SIGNATURE 	DATE <u>12/19/2008</u>

(This space for State use only)

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

**CONFIDENTIAL**

FORM 9

LEASE DESIGNATION AND SERIAL NUMBER:  
W-48060

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc., Attn: Joy Ziegler		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1401 17th Street, # 1200 CITY Denver STATE CO ZIP 80202		8. WELL NAME and NUMBER: Jensen State 11C-34-11-9
PHONE NUMBER: (303) 675-2663		9. API NUMBER: 4304930024
4. LOCATION OF WELL FOOTAGES AT SURFACE: 487 FNL 647 FWL		10. FIELD AND POOL, OR WILDCAT: Castlegate
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 34 11S 09E		COUNTY: UTAH
		STATE: UTAH

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

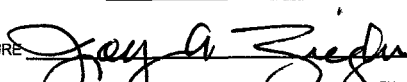
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input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

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

12/20/08 - 12/31/08

Frontier Rig #1 drld 7-7/8" hole to 6310' - Baker ran logs to 6311' - Drld to TD @ 6362' - Ran sidewall cores from 2670-6274'. Ran total of 149 jts 5-1/2", 17#, J55, LT&C - Float shoe @ 6350', FC @ 6264' - Pioneer Well Service cmt'd w/527 sx (215 bbls) 12.5# SDC 2.29 yld. Tailed w/324 sx (95 bbls) 50/50 Poz G.

Clean pits, released rig @ 1600 hrs 12/31/08.

NAME (PLEASE PRINT) <u>Joy A. Ziegler</u>	TITLE <u>Senior Engineering Tech</u>
SIGNATURE 	DATE <u>1/12/2009</u>

(This space for State use only)

RECEIVED

JAN 20 2009

DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48060
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> JENSEN ST 11C-34-11-9
<b>2. NAME OF OPERATOR:</b> PIONEER NATURAL RESOURCES USA, INC	<b>9. API NUMBER:</b> 43049300240000
<b>3. ADDRESS OF OPERATOR:</b> 1401 17th Street, Suite 1200 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 298-8100 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0487 FNL 0647 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 11.0S Range: 09.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT  <b>COUNTY:</b> UTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 6/30/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

The drilling rig was released on the Jensen St 11C-34-11-9 well 12/31/08.

The well has been SI waiting on completion from 1/1/09 thru 6/30/09.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 20, 2009

<b>NAME (PLEASE PRINT)</b> Joy A. Ziegler	<b>PHONE NUMBER</b> 303 675-2663	<b>TITLE</b> Senior Engineering Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/20/2009	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48060
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> JENSEN ST 11C-34-11-9
<b>2. NAME OF OPERATOR:</b> PIONEER NATURAL RESOURCES USA, INC	<b>9. API NUMBER:</b> 43049300240000
<b>3. ADDRESS OF OPERATOR:</b> 1401 17th Street, Suite 1200 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 298-8100 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0487 FNL 0647 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 11.0S Range: 09.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT  <b>COUNTY:</b> UTAH  <b>STATE:</b> UTAH

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<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
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<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 6/30/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

The drilling rig was released on the Jensen St 11C-34-11-9 well 12/31/08.

The well has been SI waiting on completion from 1/1/09 thru 6/30/09.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 20, 2009

<b>NAME (PLEASE PRINT)</b> Joy A. Ziegler	<b>PHONE NUMBER</b> 303 675-2663	<b>TITLE</b> Senior Engineering Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/20/2009	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48060
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
--	--

<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> JENSEN ST 11C-34-11-9
------------------------------------	--

<b>2. NAME OF OPERATOR:</b> PIONEER NATURAL RESOURCES USA, INC	<b>9. API NUMBER:</b> 43049300240000
---	---

<b>3. ADDRESS OF OPERATOR:</b> 1401 17th Street, Suite 1200 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 298-8100 Ext	<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT
--	--	---

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0487 FNL 0647 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 11.0S Range: 09.0E Meridian: S	<b>COUNTY:</b> UTAH  <b>STATE:</b> UTAH
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TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 7/31/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

The drilling rig was released on the Jensen St 11C-34-11-9 well 12/31/08.  
 The well has been SI waiting on completion thru the month of July 2009.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 September 08, 2009

<b>NAME (PLEASE PRINT)</b> Joy A. Ziegler	<b>PHONE NUMBER</b> 303 675-2663	<b>TITLE</b> Senior Engineering Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/4/2009	

<p><b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>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.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48060</p> <p><b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b></p> <p><b>7. UNIT or CA AGREEMENT NAME:</b></p>
<p><b>1. TYPE OF WELL</b> Gas Well</p>	<p><b>8. WELL NAME and NUMBER:</b> JENSEN ST 11C-34-11-9</p>
<p><b>2. NAME OF OPERATOR:</b> PIONEER NATURAL RESOURCES USA, INC</p>	<p><b>9. API NUMBER:</b> 43049300240000</p>
<p><b>3. ADDRESS OF OPERATOR:</b> 1401 17th Street, Suite 1200 , Denver, CO, 80202</p>	<p><b>PHONE NUMBER:</b> 303 298-8100 Ext</p> <p><b>9. FIELD and POOL or WILDCAT:</b> WILDCAT</p>
<p><b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0487 FNL 0647 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 11.0S Range: 09.0E Meridian: S</p>	<p><b>COUNTY:</b> UTAH</p> <p><b>STATE:</b> UTAH</p>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 8/31/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

8/13/09 - 8/31/09 MI & RU Cased Hole Solution - RIH & tagged PB @ 6263'.

Ran CBL to 6311', found est'd top of cmt @ 1774'. Perf'd Spring Canyon formation with 4 SPF, 0.5 diameter, 88 holes, from 6124-6131', 6140-55', 6176-86', 6226-36'. Flwg well back & SI for pressure build up. Currently for pressure build up

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 September 16, 2009

<b>NAME (PLEASE PRINT)</b> Joy A. Ziegler	<b>PHONE NUMBER</b> 303 675-2663	<b>TITLE</b> Senior Engineering Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/16/2009	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48060
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
--	--

<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> JENSEN ST 11C-34-11-9
------------------------------------	--

<b>2. NAME OF OPERATOR:</b> PIONEER NATURAL RESOURCES USA, INC	<b>9. API NUMBER:</b> 43049300240000
---	---

<b>3. ADDRESS OF OPERATOR:</b> 1401 17th Street, Suite 1200 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 298-8100 Ext	<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT
--	--	---

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0487 FNL 0647 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 11.0S Range: 09.0E Meridian: S	<b>COUNTY:</b> UTAH  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 9/10/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

8/13/09 - 9/22/09 Ran CBL - est'd TOC @ 1774'. Perf'd Blackhawk Coal w/4 SPF from 6124-31', 6140-55', 6176-86', & 6226-6236'. Frac'd perms w/150,045# 20/40 sd & 1,782,792 scf N2, flwd back to recover fluid. 9/4/09 Landed 2-7/8" tbg @ 6119'. 1st production: 9/10/09 - Test 9/10/09: Flwd 0 hrs, 0 BO, 129 MCF, 9 BW, 32/64" ck, TP 536, CP 225. Test: Gas Flare Well SI waiting on pipeline

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 October 06, 2009

<b>NAME (PLEASE PRINT)</b> Joy A. Ziegler	<b>PHONE NUMBER</b> 303 675-2663	<b>TITLE</b> Senior Engineering Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/2/2009	



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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Blue Tip Castlegate, Inc. <i>N 3680</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 15810 Park Ten Place - Ste 160 CITY Houston STATE TX ZIP 77084		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 979-6023		8. WELL NAME and NUMBER: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: Carbon		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		10. FIELD AND POOL, OR WILDCAT:

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>4/1/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Blue Tip Castlegate, Inc. has acquired all of Pioneer Natural Resources USA, Inc's interest in the Castlegate Field - see attached well list. The effective date of change of operator is April 1, 2010.

*Betty Brown* 5/13/10  
Betty Brown Date  
Attorney-In-Fact  
Pioneer Natural Resources USA, Inc. *N 5155*  
1401 17th Street - Suite 1200  
Denver, CO 80202  
Phone: 303-675-2610

*Bruce L Taylor* 5/13/10  
Bruce L. Taylor Date  
Manager Vice President *BLT*  
Blue Tip Castlegate, Inc.  
15810 Park Ten Place - Suite 160  
Houston, TX 77084  
Telephone: 303-979-6023  
State Bond No.: B005639  
BLM Bond No.: B005638

NAME (PLEASE PRINT) <u>Bruce L. Taylor</u>	TITLE <u>Manager Vice President <i>BLT</i></u>
SIGNATURE <i>Bruce L Taylor</i>	DATE <u>5/13/10</u>

(This space for State use only)

**APPROVED** 6/30/2010  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

**RECEIVED**  
JUN 03 2010  
DIV. OF OIL, GAS & MINING

PIONEER NATURAL RESOURCES (N5155) to BLUE TIP CASTLEGATE (N3680)

well_name	sec	twp	rng	api	entity	lease	type	stat	C
SHIMMIN TRUST 5-14-12-10	14	120S	100E	4300730122	14175	Fee	GW	P	
CASTLEGATE FED 7-9-12-10	09	120S	100E	4300730137	12991	Federal	GW	P	
JENSEN 9-10-12-10	10	120S	100E	4300730159	12906	Fee	GW	P	
JENSEN 5-10-12-10	10	120S	100E	4300730162	12905	Fee	GW	S	
JENSEN 16-9-12-10	09	120S	100E	4300730163	12904	Fee	GW	P	
JENSEN 11-10-12-10	10	120S	100E	4300730164	11405	Fee	GW	P	
SHIMMIN TRUST 11-11-12-10	11	120S	100E	4300730166	11410	Fee	GW	P	
CASTLEGATE ST 1-16-12-10	16	120S	100E	4300730589	12610	State	GW	P	
JENSEN 1-10-12-10	10	120S	100E	4300730596	12611	Fee	GW	P	
SHIMMIN TRUST 2-11-12-10	11	120S	100E	4300730659	13070	Fee	GW	P	
SHIMMIN TRUST 4-14-12-10	14	120S	100E	4300730662	13071	Fee	GW	P	
SHIMMIN TRUST 1-11-12-10	11	120S	100E	4300730673	12901	Fee	GW	P	
JENSEN 2-10-12-10	10	120S	100E	4300730675	14225	Fee	GW	OPS	
JENSEN 1-9-12-10	09	120S	100E	4300730717	12903	Fee	GW	P	
JENSEN 1-18-12-10	18	120S	100E	4300730718	14226	Fee	GW	P	
JENSEN 1-4-12-10	04	120S	100E	4300730733	13068	Fee	GW	P	
JENSEN 2-8-12-10	08	120S	100E	4300730734	13275	Fee	GW	P	
JENSEN 2-9-12-10	09	120S	100E	4300730735	13317	Fee	GW	P	
JENSEN 1-15-12-10	15	120S	100E	4300730736	13072	Fee	GW	P	
JENSEN 1-8-12-10	08	120S	100E	4300730768	13359	Fee	GW	P	
CASTLEGATE ST 4-16-12-10	16	120S	100E	4300730785	13318	State	GW	P	
JENSEN DEEP 7-15-12-10	15	120S	100E	4300730786	13247	Fee	GW	S	
CASTLEGATE ST 11-16H-12-10	16	120S	100E	4300730961	14224	State	GW	S	
SHIMMIN 11-14-12-10	14	120S	100E	4300730962	14223	Fee	GW	OPS	
JENSEN 23C-9-12-10	09	120S	100E	4300731211	15770	Fee	GW	P	
JENSEN 33C-9-12-10	09	120S	100E	4300731212	15769	Fee	GW	P	
JENSEN 42C-9-12-10	09	120S	100E	4300731213	15766	Fee	GW	P	
JENSEN 43C-9-12-10	09	120S	100E	4300731214	15768	Fee	GW	P	C
CASTLEGATE FED 22C-9-12-10	09	120S	100E	4300731225	15767	Federal	GW	P	
JENSEN 41C-9-12-10	09	120S	100E	4300731452	17246	Fee	GW	OPS	C
JENSEN 14C-10-12-10	10	120S	100E	4300731453	17235	Fee	GW	P	
JENSEN FED 14C-3-12-10	03	120S	100E	4300731495		Federal	GW	APD	C
JENSEN FED 22C-10-12-10	10	120S	100E	4300731498		Federal	GW	APD	C
JENSEN FED 11C-10-12-10	10	120S	100E	4300731499		Federal	GW	APD	C
JENSEN 14C-4-12-10	04	120S	100E	4300731500		Fee	GW	APD	C
JENSEN 44C-4-12-10	04	120S	100E	4300731501		Fee	GW	APD	C
JENSEN 44C-5-12-10	05	120S	100E	4300731502		Fee	GW	APD	C
JENSEN 34C-9-12-10	09	120S	100E	4300731503		Fee	GW	APD	C
JENSEN 31C-9-12-10	09	120S	100E	4300731504		Fee	GW	APD	C
JENSEN 14C-9-12-10	09	120S	100E	4300731505		Fee	GW	APD	C
JENSEN 11C-9-12-10	09	120S	100E	4300731506		Fee	GW	APD	C
JENSEN 24C-9-12-10	09	120S	100E	4300731507		Fee	GW	APD	C
JENSEN ST 11C-34-11-9	34	110S	090E	4304930024	17071	State	GW	S	C



GARY R. HERBERT  
Governor

GREGORY S. BELL  
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

March 1, 2011

CERTIFIED MAIL NO.: 7004 1160 0003 0190 4895

Mr. C J Pomeroy  
Blue Tip Castlegate, Inc.  
3900 So. Wadsworth Blvd STE 340  
Lakewood, CO 80235

43 049 30024  
Jensen St WC-3A-11-9  
11S 9E 34

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Pomeroy:

As of January 2011, Blue Tip Castlegate, Inc. (Blue Tip) has one (1) State Lease Well and two (2) Fee Lease Wells (see Attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. The Utah Division of Oil, Gas and Mining (Division) wishes to inform Blue Tip that two (2) Fee Lease Wells (Attachment A) are soon approaching the end of granted SI/TA extension, approved through March 30, 2011. Blue Tip also has one (1) State Lease Well (Attachment A) that is past due on approved SI/TA extension, which ended July 7, 2009. Blue Tip has not submitted necessary data with good reason for further extension on said well. Please submit the necessary data as outlined below.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT



Page 2

Blue Tip Castlegate, Inc.

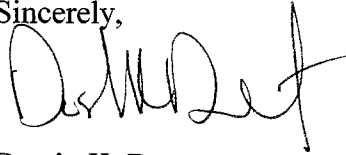
March 1, 2011

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js

Enclosure

cc: Compliance File

Well File

LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
<b>1<sup>ST</sup> NOTICE</b>				
1	JENSEN 5-10-12-10	43-007-30162	FEE	2 Years
2	JENSEN 41C-9-12-10	43-007-31452	FEE	2 Years 1 Month
3	JENSEN ST 11C-34-11-9	43-049-30024	ML-48060	1 Year 4 Months
<b>PAST DUE SI/TA EXTENSION</b>				
4	CASTLEGATE ST 11-16H-12-10	43-007-30961	ML-44443	4 Years 7 Months
<b>SI/TA EXTENSION ENDING 3/30/2011</b>				
5	SHIMMIN 11-14	43-007-30962	FEE	6 Years 6 Months
6	JENSEN 2-10-12-10	43-007-30675	FEE	6 Years 6 Months



# Bluetip Castlegate Inc

**RECEIVED**  
**MAY 03 2011**  
DIV. OF OIL, GAS & MINING

## Attn Mr. Dustin K. Doucet

Fax 801-359-3940

Page 1 of 9

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
For Record Only

# BLUE TIP CASTLEGATE, INC.

---

Mike Cerelli Utah Asset Manager 1205 Independence Ave., Price, UT 84501  
e-mail [mcereelli@btoperating.com](mailto:mcereelli@btoperating.com) cell 620-202-1749

State Of Utah  
Department of Natural Resources  
Division of Oil, Gas, and Mining  
1594 West Temple , Suite 1210  
P.O Box 145801  
Salt Lake City, UT 84114-5801  
Fax: 801-538-5340

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
For Record Only

Mr. Dustin K Doucet  
Petroleum Engineer

Subject: Extended Shut-in and Temporary Abandoned Wells in Castlegate Field owned by Bluetip Castlegate Inc.

Dear Mr Doucet,

I am attaching information in regard to your letter dated March 1, 2011 to Mr. C J Pomeroy regarding our SI/TA wells in the Castlegate field. Regrettably there was a little time delay in getting your request to me, and the reason we did not respond immediately. Please address any further correspondence on these wells to me as I will be the one to gather further info if needed.

I am attaching a summary of the wels with copmments and Wellbore diagrams for all the wells. Please let me know what further information may be required.

Here is our intent:

Send you Sundry notices on the folowing mentioned wells:

- Castlegate St 11-16H-12-10 - Will get pressure and fluid shot and file Sundry notice for extention  
# 43-007-30961 12S 10E 16
- Jensen State 11C-34-11-9 - Will get pressure and fluid shot and file Sundry notice for extention  
# 43-049-30024 11S 9E 34
- Jensen 2-10-12-10 - Surface casing only - Will file Sundry notice to have time to evaluate use in futher development # 43-007-30675 12S 10E 10
- Jensen 41C-9-12-10 - Will file Sundry notive to complete well in June  
# 43-007-31452 12S 10E 9

H O U S T O N   ·   D E N V E R   ·   P I T T S B U R G H

15810 Park Ten Place, Suite 160 • Houston, TX 77084 • Phone: 281.944.3800 • Fax: 281.944.3790

# BLUE TIP CASTLEGATE, INC.

---

- Shimmin 11-14-12-10 -- Surface casing only -- Will file Sundry notice to have time to evaluate use in further development # 43-007-30962 12S 10E 14
- Jensen 5-10 -- Fished well and put on production -- developing Sundry notice now # 43-007-30162 12S 10E 10

Sorry for the delay in responding. Please let me know if you need anything else right now. We will be sending out the Sundry notices as soon as we get pressures and take fluid shots on the Castlegate St 11-16H-12-10 and the Jensen State 11C-34-11-9.

Thanks,

Mike Cerelli



Cell 620-202-1749

mcerelli@btoperating.com

H O U S T O N • D E N V E R • P I T T S B U R G H

15810 Park Ten Place, Suite 160 • Houston, TX 77084 • Phone: 281.944.3800 • Fax: 281.944.3790

Bluetip Castlegate Sundry Notices						State				
Well Name	API Number	Q	S	T	R	Inactive date	Comments	Wellbore Diagram	Will request from state	
<b>Coalbed gas - SI/TA</b>										
Castlegate Sl 11-16H-12-10	43007309610000	NWNW	16	12S	10E	4 yrs 7 months	Horizontal well. Has wellhead. Unofficial report was that they lost coiled tubing in hole, pulled it in two, and fished out some of the pieces. Need to check further to see if wellbore may be open to a decent depth and can be produced.	Attached	Extension to allow further evaluation of well and possible producing scenarios and testing. Will get pressures and fluid shot.	
Jensen State 11C-34-11-9	43049300240000	NWNW	34	11S	9E	1 yr 4 months	5 miles to well. However looks like it is completed in Spring Canyon. Has tubing in hole. Last report said they were unable to kill well. Need to check pressure. May recommend flaring productivity/pressure test? Possible surface line test if enough volume?	Attached	Extension to allow for evaluation and testing. May test in Spring Canyon and depending on test, complete up hole or get production test up hole. Will get pressures and fluid shot.	
<b>Waiting on Completion</b>										
Jensen 2-10-12-10 *	43007306750000	NESE	10	12S	10E	6 yrs 6 months	8 5/8 casing only with water at surface	Attached	Request extension as may be part of future development - surface casing only	
Jensen 41C-9-12-10	43007314520000	NENE	9	12S	10E	2 yrs 1 month	Well that we are going to frac. Has production casing. Water within top 10' of surface. No wellhead yet. Will run cement bond log first.	Attached	Extension, however plan on running CBL this month and completing next month - June 2011 Will send out Sundry notice. Pioneer applied for extension last year.	
Shimmin 11-14-12-10 *	43007309820000	NWNW	14	12S	10E	6 yrs 6 months	8 5/8 casing only with water close to surface	Attached	Request extension as may be part of future development - surface casing only	
* SI/TA effective through 4/1/10; extension applied for										
<b>Misc</b>										
Jensen 5-10	4300730162		10	12S	10E	2 years	Fished well, installed submersible and put on production. Initially 2000' FOP with 250 psi on casing	Attached	Fished well and put on production. Developing Sundry notice	

**WELLBORE SCHEMATIC AND HISTORY**

<b>COMPLETION SCHEMATIC</b>		<b>LEASE NAME</b> Jensen 5-10-12-10			<b>WELL NO.</b>		
		<b>TYPE COMPLETION:</b> SINGLE	DUAL	OTHER	<b>API#</b> 43-007-30162		
		<b>LOCATION:</b> 570' FVM & 2065' FNL, Sec 5 Bk 10					
SURF. 8 5/8" 24# K-55 332 ..		TD 4,850'	PBD 4,802'	KB 7,248'	DF 16'		
		COD	DOD	GL 7,231'			
		<b>NO. PROD. WELLS ON LEASE</b> 25		<b>FLOWING</b> 0	<b>PUMPING</b> 0	<b>GAS LIFT</b> 0	
		<b>ZONE TO BE WORKED ON:</b> Blackhawk			<b>CURRENT COMPLETION ZONE:</b> Blackhawk		
		<b>CSG. PERFS:</b> 4623' - 4758'			<b>OPEN HOLE:</b>		
<b>CASING BREAKDOWN</b>							
<b>SURF.</b> 12 1/4" Hole	<b>SIZE:</b> 8 5/8"	24# K-55	<b>DEPTH</b>	519'	<b>CMT</b>	332 ex	
<b>PROD.</b> 7 7/8" Hole	<b>SIZE:</b> 5 1/2"	17# N-80	<b>DEPTH</b>	4,850'	<b>CMT</b>	366 ex	
<b>LINER</b>	<b>SIZE:</b>		<b>DEPTH</b>		<b>CMT</b>		
<b>TUBING BREAKDOWN</b>			<b>ROD BREAKDOWN</b>				
144 lbs	4,716.74'	2 7/8", 6.5#, J-55	NO RODS RAN SUBMERGABLE PUMP Pump assembly of 52' with 1- 9' 2 7/8 sub with 2- check valve assemblies 1' each Pump intake landed @ 4,769.00				
	14.00'	KB					
	4,730.74'	Total					
<b>SUMMARY OF PREVIOUS WORKOVERS</b>							
Date	AFE #						
Aug-82		Spudded and drilled 12-1/4" hole to 522'. Run in hole with 8-5/8" 24# K-55 casing. ST&C csg to 519'. Drilled 7-7/8" hole to 4850'. Run in hole with 5-1/2", 17# N-80 casing. LT&C to 4850'. See Pioneer well history file for details.					
Sep-83		Frac 4654-4757 w/ 36M GAL XL CMHEC, 36# 100 MESH, 40ms 16/30. NO RC.					
Sep-83		Frac 4264-4568 w/ 56M GAL XL CMHEC, 37# 100 MESH, 71M# 16/30. NO RC.					
April-2-11		Fished well to remove rod guides and parted tubing was successful cleaned out hole.					
April-9-11		Installed Submersible pump.					

PREPARED BY: Jeff Ryan

REVISION: 4/5/2011  
CREATED:

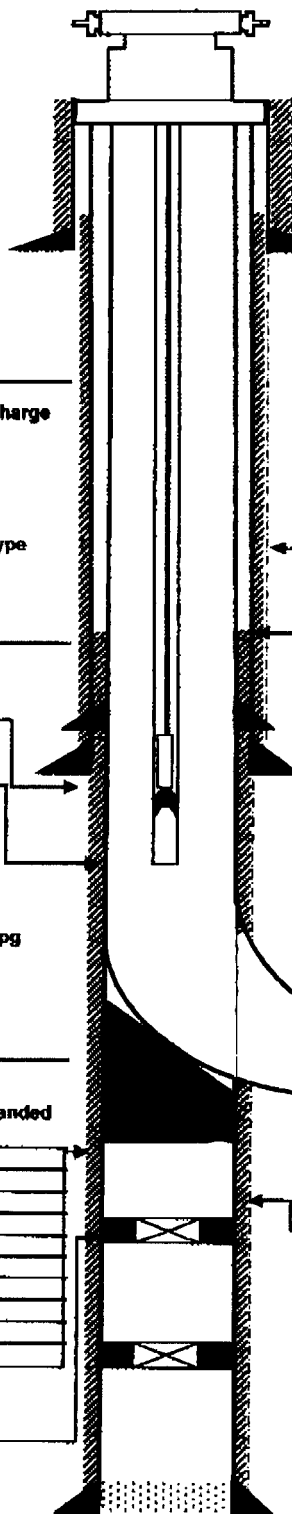
# Pioneer Natural Resources

## WELLBORE SCHEMATIC

WELL: **5446 17 1/2**  
 API: **42-087-0880**  
 SURFACE LOCATION: **1718 S PINE & 1328 S PINE**  
 BOTTOM LOCATION: **1718 S PINE & 1328 S PINE**  
 SEC: **18** TWP: **13N** RGE: **40E**

FIELD: **East Texas**  
 updated **7/20/08** BY: **TRM**  
 County: **Cass**  
 KB to GL: **11**  
 GL elev: **7000** KB elev: **7000**

Pumping Unit  
 Motor



Casing hanger \_\_\_\_\_  
 Tubing hanger: \_\_\_\_\_

Surface **17 1/2** Hole  
 To **540**  
**13 3/8** Surface Casing \_\_\_\_\_ Jts  
**54.5** lb/ft **J-55** Grade  
 Landed **538**  
 Cement Lead **475** sks \_\_\_\_\_ cf/sk \_\_\_\_\_ ppg  
 adds  
 TOC **Surf**

Producing Intervals				
Perforations	length	Fmth spf	phase	charge

Stimulation	sand	size	gals	type

Int **12 1/4** Hole  
 To **3721**  
**8 5/8** Int Casing **84** Jts  
**32** lb/ft **J-55** Grade  
 Landed **3710** FC **3864**  
 Cement Lead **380** sks \_\_\_\_\_ cf/sk \_\_\_\_\_ ppg  
 adds **CBM Lite**  
**Tall** **175** sks \_\_\_\_\_ cf/sk \_\_\_\_\_ ppg  
 adds **Type 3**  
 TOC \_\_\_\_\_  
 Window cut **3956** to **3962**  
 Lateral **4 3/4"** bit **1405** ft **Az-146**

Prod **7 7/8** Hole  
 To **4675**  
**5 1/2** Tie back Casing **78** Jts  
**17** lb/ft **J-55** Grade  
 Landed **3383** FC **3357**  
 Cement Lead **60** sks \_\_\_\_\_ cf/sk \_\_\_\_\_ ppg  
 adds **Class G**  
 TOC **3000**

Rod configuration			
No	size	description	Landed
1	Unk	Pump	
5	1"	Plain Rods	
110	3/4"	Plain Rods	
37	7/8"	Plain Rods	
1	8'8",4'	Pony Rods	
1		Polish Rod	
Whipstock			
		Landed	<b>3962</b>
RBP			
		Landed	<b>4036</b>

Directional info  
 TD **3956** TVD **3956** Azimuth  
 K/O Hold TD  
**5 1/2** Liner Casing **28** Jts  
**17** lb/ft **J-55** Grade  
 Liner Hanger **3374** Landed **4671**  
 Cement Lead **265** sks \_\_\_\_\_ cf/sk \_\_\_\_\_ ppg  
 adds **50/50 Poz mix**  
 TOC **3374**  
**2 7/8** Tubing **103** Jts  
**6.5** lb/ft **J-55** Grade  
 Tubing Anchor **3301**  
**2 7/8** Tubing **17** Jts  
**8.5** lb/ft **J-55** Grade  
 SN **3861** ft EOT **3889** ft

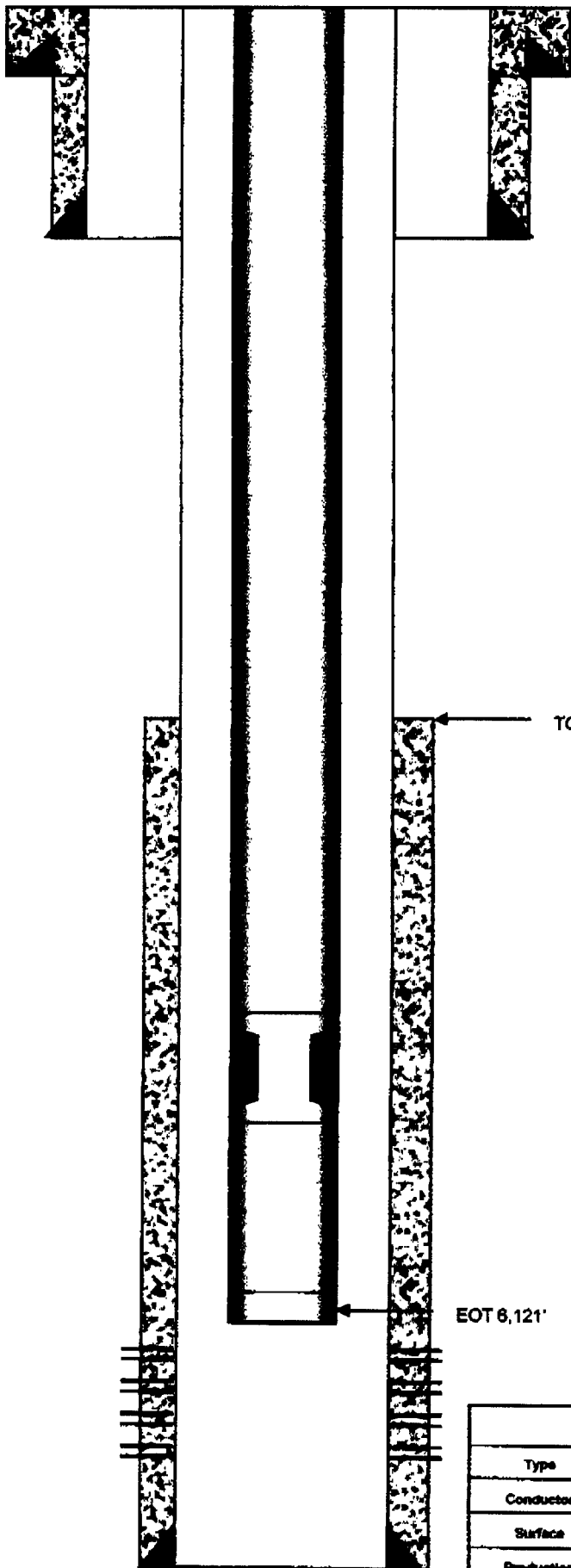
Remarks:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Note: Not To Scale**

**Jensen State 11C-34 11 9**

Current Status: waiting on completion

API #: 43-049-30024-0000  
 WI: 100%  
 NRI: 80%  
 GL: 7,305 ft  
 KB: 7,318ft  
 Location: NWNW  
 Sec 34-T11S-R(E)



Geologic Data		
Formation	Log Top	Log Bottom
Price River	3850	-
Castlegate	4850	-
Blackhawk	5350	-
Spring Canyon	6128	-

Completion Data		
Perforation Depth	Formation	SPF
6124	6131	4
6140	6155	4
6176	6186	4
6226	6236	4

Tubing Data	
Joints	195
Size	2.875"
Weight	6.57#
Grade	J-55
Connection	EUE
I.D. (in)	2.441
Drift I.D. (in)	2.347
Tubing Capacity (bbl/ft)	0.00579
Annular Capacity (bbl/ft)	0.0152
Collapse (psi)	7,680
Burst (psi)	7,280
Yield (lbs)	99,700
Yield (80% Maximum Pull - lbs)	79,760

Casing Data						
Type	Size	Weight	Grade	Depth	ID	Drift
Conductor	-	-	-	40	-	-
Surface	8 5/8	24	J-55	696	6.087	7.972
Production	5 1/2	17	N-80	6,350	4.892	4.653

POTD: 6,264'  
 TD: 6,362'

# PIONEER

## Schematic - Current

NATURAL RESOURCES

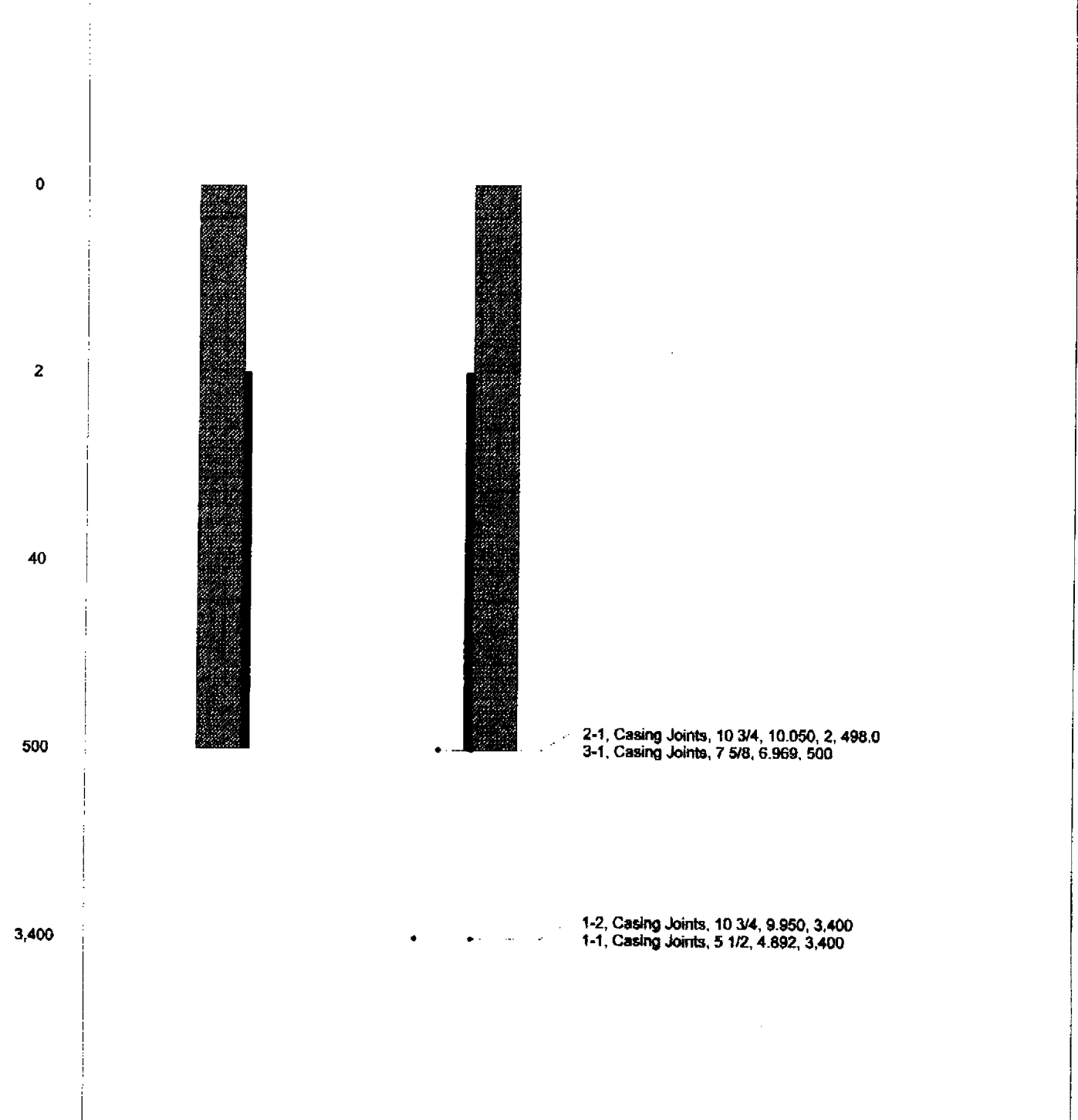
**Well Name: Jensen 2-10-12-10**

API/ULW 43-007-30675-0000 Well Profile VERTICAL	Surface Legal Location NESE Sec 10 T12S R10E Original KB Elevation (ft)	License/Lease Number KB-Ground Distance (ft)	Field Name CASTLEGATE KB-Casing Flange Distance (ft)	State UTAH KB-Tubing Head Distance (ft)
<b>Most Recent Job</b> Job Category OTHER	Primary Job Type OTHER	Secondary Job Type OTHER	Start Date 7/13/2004	End Date 7/13/2004

**TD: 500.0**

Well Profile: VERTICAL - Original Hole, 10/13/2009 4:13:53 PM  
Schematic - Actual

TKB (MD)



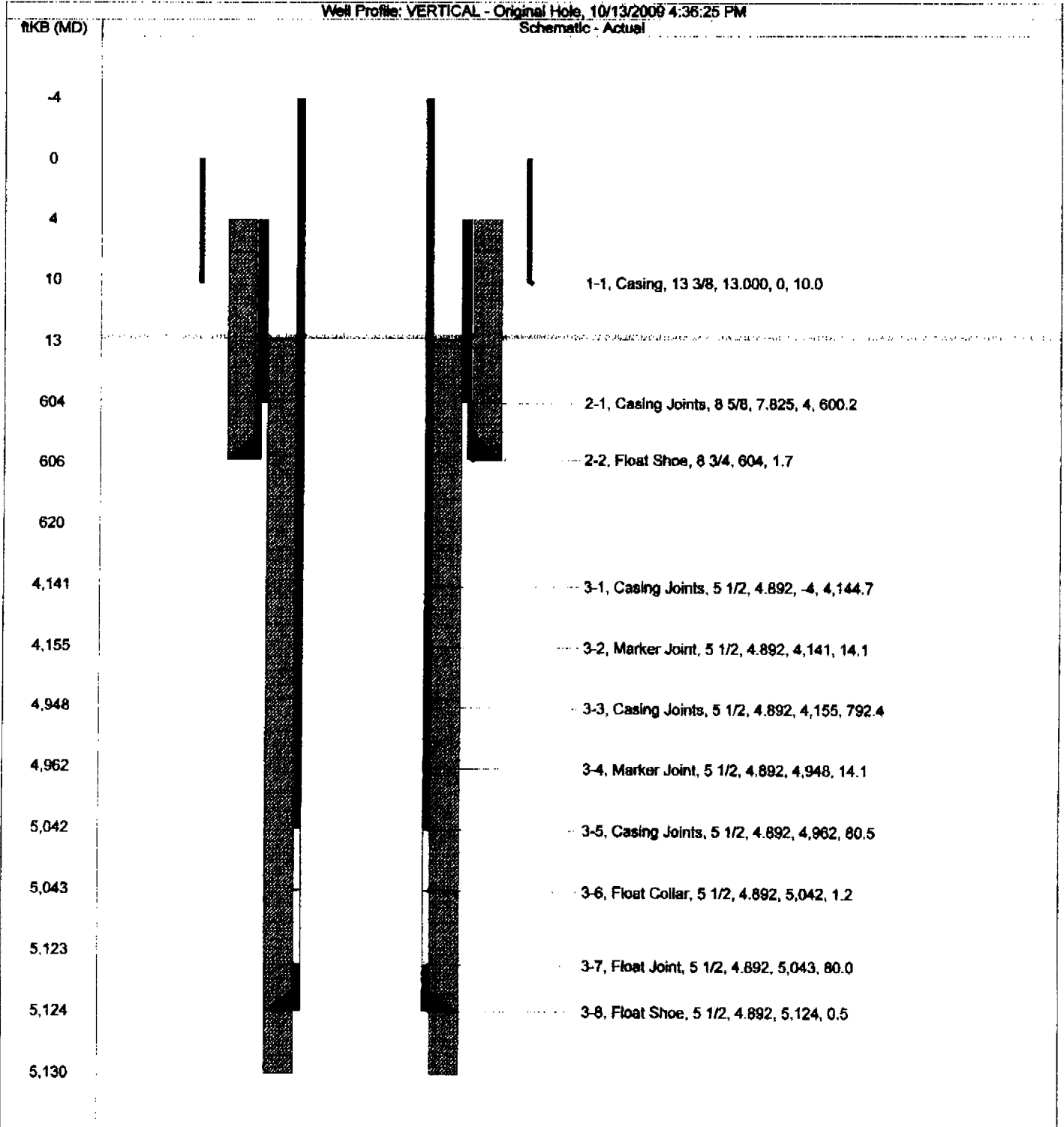
# PIONEER

## Schematic - Current

NATURAL RESOURCES

**Well Name: Jensen 41C-9-12-10**

AP#/UWI 43-007-31452-0000	Surface Legal Location	License/Lease Number	Field Name CASTLEGATE	State UTAH
Well Profile VERTICAL	Original KB Elevation (ft) 7,353.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)
<b>Most Recent Job</b> Job Category DEVELOPMENT DRILL & TD: 5,130.0	Primary Job Type DEV DRILL & COMPLETE	Secondary Job Type	Start Date 11/21/2008	End Date 12/12/2008



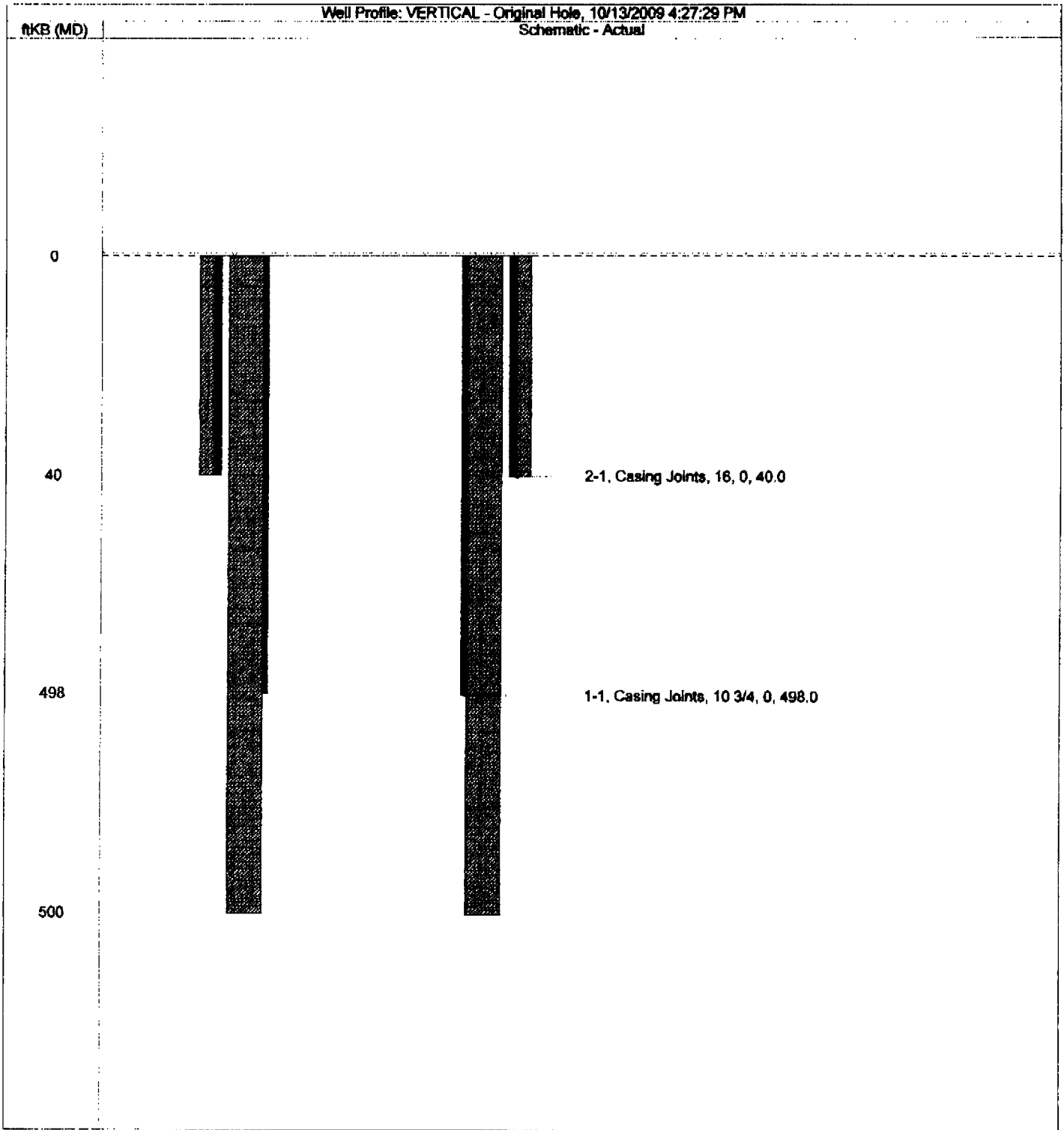
# PIONEER

## Schematic - Current

NATURAL RESOURCES

**Well Name: Shlmin 11-14-12-10**

API/UVI 43-007-30962-0000	Surface Legal Location	License/Lease Number	Field Name CASTLEGATE	State UTAH
Well Profile VERTICAL	Original KB Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)
<b>Most Recent Job</b>	Primary Job Type	Secondary Job Type	Start Date	End Date
Job Category DEVELOPMENT DRILL & TD: 500.0	DEV DRILL & COMPLETE		7/10/2004	7/12/2004





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 17, 2012

CERTIFIED MAIL NO.: 7011 0110 0001 3568 1878

Mr. Mike Cerelli  
Blue Tip Castlegate, Inc.  
1205 Independence Ave  
Price, UT 84501

43 049 30024  
Jensen St. 11C-3A-11-9  
11S 9E 34

Subject: Second Notice: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Cerelli:

As of January 2012, Blue Tip Castlegate, Inc. (Blue Tip) has two (2) State Lease Wells and two (2) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. The Utah Division of Oil, Gas and Mining (Division) has previously noticed Blue Tip of the deficiency for these wells. The most recent notice letter was dated March 2, 2011. Blue Tip responded to the notice for the wells as follows: Shimmin 11-14 and Jensen 2-10-12-10 – sent sundries dated 5/27/2011 requesting SI/TA extension for purposes of completing drilling. An e-mail was sent out by Dustin Doucet in addition to an official sundry response denying these requests. The reason for denial was due to the lack of evidence provided by Blue Tip showing that the wells are not a risk to public health and safety or the environment.

To date, Blue tip has not submitted necessary data for any of the aforementioned wells, showing good reason for further extension. Please submit the necessary data as outlined below.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3).



Page 2  
Blue Tip Castlegate, Inc.  
April 17, 2012

For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas and Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

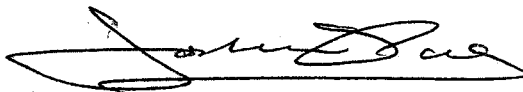
Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



*for* Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js  
Enclosure  
cc: Compliance File  
Well File  
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
<b>2<sup>ND</sup> NOTICE</b>				
→ 1	JENSEN ST 11C-34-11-9	43-049-30024	ML-48060	2 Year 4 Months
<b>2<sup>ND</sup> NOTICE W/ PAST DUE S/TA EXTENSIONS</b>				
2	CASTLEGATE ST 11-16H-12-10	43-007-30961	ML-44443	5 Years 7 Months
3	SHIMMIN 11-14	43-007-30962	FEE	7 Years 6 Months
4	JENSEN 2-10-12-10	43-007-30675	FEE	7 Years 6 Months

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-48060

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

8. WELL NAME and NUMBER:  
Jensen St 11C-34-11-9

2. NAME OF OPERATOR:

Blue Tip Castlegate

9. API NUMBER:  
4304930024

3. ADDRESS OF OPERATOR:

15810 Park Ten Pl., Ste 169 CITY Houston STATE TX ZIP 77084

PHONE NUMBER:

(435) 820-0482

10. FIELD AND POOL, OR WILDCAT:

Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 487' FNL 647' FWL

COUNTY: Carbon

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 34 11S 9E S

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/18/2012</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Support for Mechanical Integrity</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

This well is SI/TA waiting on pipeline.

Current casing pressure is 1,100 psi and current tubing pressure is 450 psi. In Fall, 2011 the casing pressure was 1,100 psi. Current fluid level is 2,826'. This information proves integrity because the well has consistent pressure on the production casing.

Wellbore diagram attached.

**COPY SENT TO OPERATOR**

Date: 7/16/2012

Initials: KS

NAME (PLEASE PRINT) Gary Green

TITLE Field Supervisor

SIGNATURE *Gary Green*

DATE 6/28/2012

(This space for State use only)

**\* APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**

DATE: 7/2/2012 (See instructions on Reverse Side)

BY: *[Signature]*

\* Approval Valid thru 7/1/2013

**RECEIVED**

**JUN 28 2012**

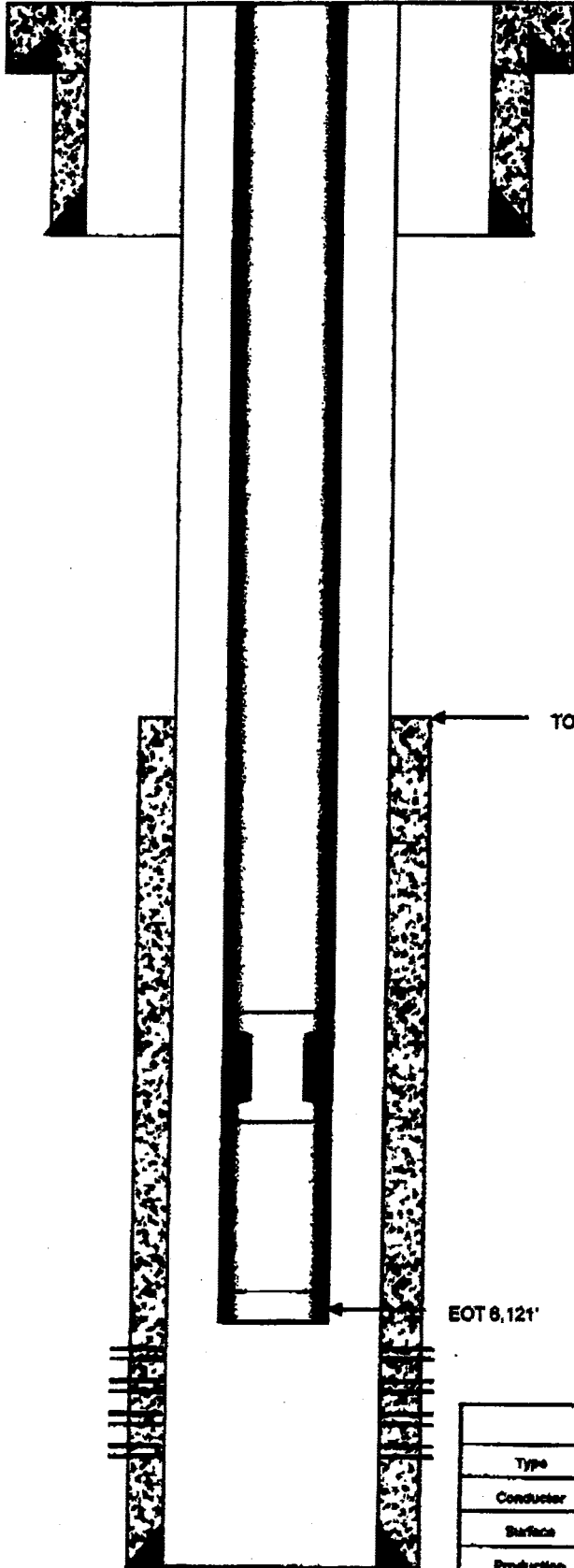
DIV. OF OIL, GAS & MINING

**Note: Not To Scale**

**Jensen State 11C-34 11 9**

Current Status: waiting on completion

API #: 43-049-30024-0000  
 WI: 100%  
 NRI: 80%  
 GL: 7,305 ft  
 KB: 7,318 ft  
 Location: NWNW  
 Sec 34-T11S-R(E)



Geologic Data		
Formation	Log Top	Log Bottom
Price River	3850	-
Castlegate	4850	-
Blackhawk	5350	-
Spring Canyon	6128	-

Completion Data		
Perforation Depth	Formation	SPP
6124	6131	4
6140	6155	4
6176	6186	4
6226	6236	4

Tubing Data	
Joints	195
Size	2.875"
Weight	6.67#
Grade	J-65
Connection	EUE
I.D. (in)	2.441
Drift I.D. (in)	2.347
Tubing Capacity (bb/ft)	0.00679
Annular Capacity (bb/ft)	0.0152
Collapse (psi)	7,680
Burst (psi)	7,290
Yield (lbs)	99,700
Yield (80% Maximum Pull - lbs)	79,760

Casing Data						
Type	Size	Weight	Grade	Depth	ID	Drift
Conductor	-	-	-	40	-	-
Surface	8 5/8	24	J-55	896	6.097	7.872
Production	5 1/2	17	N-80	6,350	4.882	4.653

PBSD: 6,264'  
 TD: 6,362'





GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

September 3, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1573

Mr. Mike Cerelli  
Blue Tip Castlegate, Inc.  
14905 120<sup>TH</sup> RD  
Erie, KS 66733

43 049 30024  
Jensen St 11C-3A-11-9  
3A 11S 9E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Cerelli:

As of April 2014, Blue Tip Castlegate, Inc. (Blue Tip) has three (3) State Lease Wells and three (3) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Two of these wells (attachment A) have previously been issued notices of non-compliance and have remained in non-compliance. Both wells are over five (5) years shut-in (attachment A) and must comply with R649-3-36-1.3.3 as stated below.

Blue Tip shall immediately submit plans and timeframes for each well stating which wells will be plugged, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3)

Please note that the Divisions preferred method for showing well integrity is by MIT



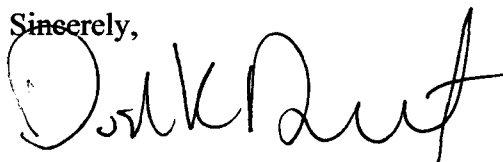
Page 2  
Blue Tip Castlegate, Inc.  
September 3, 2014

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js

cc: Compliance File  
Well File  
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# Attachment A

	Well Name	API	LEASE	Years Inactive	Prior Notice
1	CASTLEGATE ST 11-16H-12-10	43-007-30961	ML-44443	7 years 10 months	2 <sup>ND</sup> NOTICE
2	JENSEN ST 11C-34-11-9	43-049-30024	ML-48060	5 years 1 month	2 <sup>ND</sup> NOTICE
3	JENSEN 1-18-12-10	43-007-30718	FEE	2 years 5 months	
4	JENSEN 1-15-12-10	43-007-30736	FEE	2 years 11 months	
5	CASTLEGATE ST 4-16-12-10	43-007-30785	ML-44443	2 years 8 months	
6	JENSEN DEEP 7-15-12-10	43-007-30786	FEE	1 year 11 months	



GARY R. HERBERT  
Governor  
SPENCER J. COX  
Lieutenant Governor

**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

**Division of Oil, Gas and Mining**  
JOHN R. BAZA  
Division Director

June 25, 2015

CERTIFIED MAIL NO. 7014 2870 0001 4232 4504

43 049 30024  
Jensen St. 11C-24-11-9  
34 11S 9E

Ms. Wendy Clemente  
Blue Tip Castlegate, Inc.  
15810 Park Ten Place, Suite 160  
Houston, TX 77084

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Clemente:

As of January 2015, Blue Tip Castlegate, Inc. (Blue Tip) has three (3) State Lease Wells and four (4) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Three (3) of these wells were added to Blue Tip's SI/TA list in 2015 (attachment A).

The Castlegate ST 11-16H-12-10, Jensen ST 11C-34-11-9, Jensen 1-18-12-10, and Castlegate ST 4-16-12-10 wells (attachment A) have previously been issued notices of non-compliance. Blue Tip submitted requests for extended SI/TA status for these wells in September 2014. The Division denied the request due to Blue Tip failing to provide the necessary information showing good cause or wellbore integrity as required by rule R649-3-36. The Castlegate ST 11-16H-12-10 and Jensen ST 11C-34-11-9 wells are over five (5) years shut-in (attachment A) and must comply with R649-3-36-1.3.3 as stated below.

Blue Tip shall immediately submit plans and timeframes for each well stating which wells will be plugged, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. Each well needs an individual sundry filed meeting the SI/TA rules as listed below.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice via ePermit (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:



1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

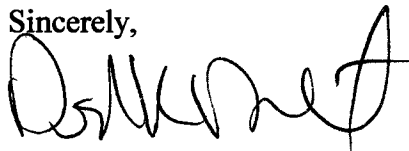
Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

**All Submittals should be sent via ePermit**

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js  
Enclosure

cc: Compliance File  
Well File  
LaVonne Garrison, SITLA  
N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

## Attachment A

	Well Name	API	LEASE	Years Inactive	Prior Notice
1	CASTLEGATE ST 11-16H-12-10	43-007-30961	ML-44443	<b>8 years 7 Months</b>	Reissued 2 <sup>ND</sup> NOTICE
→ 2	JENSEN ST 11C-34-11-9	43-049-30024	ML-48060	<b>5 years 4 months</b>	Reissued 2 <sup>ND</sup> NOTICE
3	JENSEN 1-18-12-10	43-007-30718	FEE	3 years 2 months	NOTICED
4	CASTLEGATE ST 4-16-12-10	43-007-30785	ML-44443	3 years 5 months	NOTICED
5	SHIMMIN TRUST 5-14-12-10	43-007-30122	FEE	1 year 1 month	
6	SHIMMIN TRUST 11-11-12-10	43-007-30166	FEE	1 year 8 months	
7	SHIMMIN TRUST 1-11-12-10	43-007-30673	FEE	1 year 3 months	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48060
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: JENSEN ST 11C-34-11-9
2. NAME OF OPERATOR: BLUE TIP CASTLEGATE, INC.	9. API NUMBER: 43049300240000
3. ADDRESS OF OPERATOR: 1205 Independence Ave. , Price , UT, 84501	PHONE NUMBER: 620 202-1749 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0487 FNL 0647 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 34 Township: 11.0S Range: 09.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: UTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>10/31/2015</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

SEE ATTACHMENTS

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

Date: October 19, 2015

By: *Derek Duff*

**Please Review Attached Conditions of Approval**

NAME (PLEASE PRINT) Wendy Clemente	PHONE NUMBER 720 924-2036	TITLE Legal/Operations Assistant
SIGNATURE N/A	DATE 8/20/2015	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions of Approval Well Number 43049300240000**

**1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338. 2. Move Plug #2. Move uphole 400' and set from 3800' to 3360' to isolate the Price River formation. 3. Move Plug #3. Move uphole 400' and set from 3000'-2800' to isolate the base of the moderately saline ground water. 4. Add Plug #5. RIH and perforate 5 1/2" @ 750' Establish circulation down the 5 1/2" casing back up the 5 1/2" x 8 5/8" annulus. Set CICR @ 700'. M&P 36 sx cement. Sting into CICR and pump 30 sx below, sting out and dump 6 sx on top. 5. Amend Plug # 6: Perf @ 100' circulate cement through perfs back to surface (29 sx). 6. All balanced plugs shall be tagged to ensure that they are at the depth specified. 7. All annuli shall be cemented from a minimum depth of 100' to the surface. 8. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. 9. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply. 10. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (office) or 801-733-0983 (home) prior to continuing with the procedure. 11. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

9/24/2015

# Wellbore Diagram

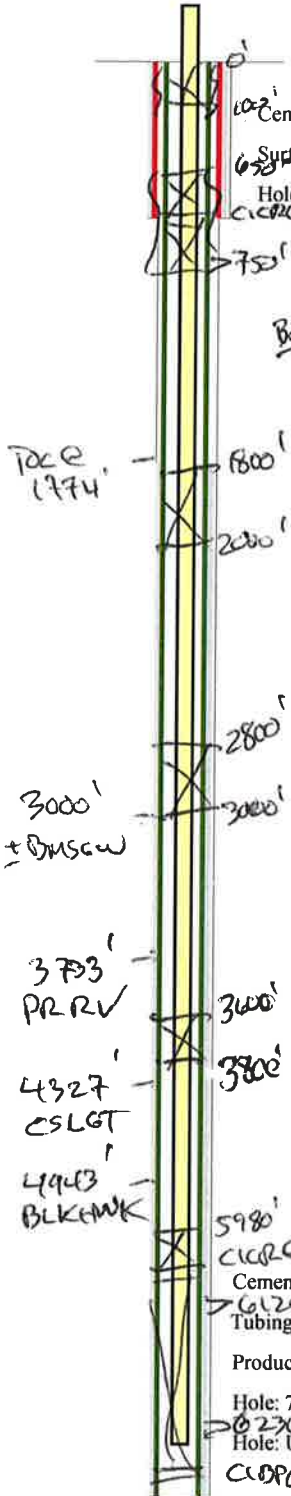
r263

**API Well No:** 43-049-30024-00-00 **Permit No:**  
**Company Name:** BLUE TIP CASTLEGATE, INC.  
**Location:** Sec: 34 T: 11S R: 9E Spot: NWNW  
**Coordinates:** X: 507535 Y: 4408538  
**Field Name:** WILDCAT  
**County Name:** UTAH

**Well Name/No:** JENSEN ST 11C-34-11-9

### String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (t/cf)
HOL1	695	11			
SURF	695	8.625	24	695	2.797
HOL2	6350	7.875			
PROD	6350	5.5	17	6350	7.661
TI	6119	2.875			



**Plug #6**  
 $60' / (1.15)(7.661) = 125K$   
 $100' / (1.15)(5.192) = 175K$   
 295K total

$8\frac{5}{8}'' \times 5\frac{1}{2}'' \rightarrow 5.192$   
 $7\frac{7}{8}'' \times 5\frac{1}{2}'' (108) \rightarrow 4.094$

**Plug #5**  
 Perfor @ 750', cement 700'  
 Below 50' / (1.15)(2.661) = 65K  
 35' / (1.15)(4.094) = 125K  
 50' / (1.15)(5.192) = 95K  
 235K total

**Plug #4**  
 Above 50'  
 235K = 202'

### Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	6350	1774	UK	527
PROD	6350	1774	50	324
SURF	695	4	C	290

### Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
6124	6236			

### Formation Information

Formation	Depth	Blue Tip
BMSW	3200	3000
PRRV	3733	3850
CSLGT	4327	4850
BLKHK	4943	5350
SUNSD	5599	
KNWTH	5877	
SPCYN	6223	6128

TD: 6360 TVD: 6360 PBD: 6263

**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:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:		9. API NUMBER:
3. ADDRESS OF OPERATOR: CITY STATE ZIP		PHONE NUMBER:
4. LOCATION OF WELL FOOTAGES AT SURFACE:		10. FIELD AND POOL, OR WILDCAT:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY:
		STATE: <b>UTAH</b>

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

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

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

NAME (PLEASE PRINT) \_\_\_\_\_ TITLE \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

(This space for State use only)

## INSTRUCTIONS

**This form shall be submitted by the operator to show the intention and/or completion of the following:**

- miscellaneous work projects and actions for which other specific report forms do not exist;
- all other work and events as identified in section 11, Type of Action, or as required by the Utah Oil and Gas Conservation General Rules, including:
  - minor deepening of an existing well bore,
  - plugging back a well,
  - recompleting to a different producing formation within an existing well bore (intent only),
  - re-perforating the current producing formation,
  - drilling a sidetrack to repair a well,
  - reporting monthly the status of each drilling well.

**This form is not to be used for proposals to**

- drill new wells,
- reenter previously plugged and abandoned wells,
- significantly deepen existing wells below their current bottom-hole depth,
- drill horizontal laterals from an existing well bore,
- drill hydrocarbon exploratory holes such as core samples and stratigraphic tests.

**Use Form 3, Application for Permit to Drill (APD) for such proposals.**

**NOTICE OF INTENT** - A notice of intention to do work on a well or to change plans previously approved shall be submitted in duplicate and must be received and approved by the division before the work is commenced. The operator is responsible for receipt of the notice by the division in ample time for proper consideration and action. In cases of emergency, the operator may obtain verbal approval to commence work. Within five days after receiving verbal approval, the operator shall submit a Sundry Notice describing the work and acknowledging the verbal approval.

**SUBSEQUENT REPORT** - A subsequent report shall be submitted to the division within 30 days of the completion of the outlined work. Specific details of the work performed should be provided, including dates, well depths, placement of plugs, etc.

**WELL ABANDONMENT** - Proposals to abandon a well and subsequent reports of abandonment should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, and method of parting of any casing, liner, or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

In addition to any Sundry Notice forms submitted, **Form 8, Well Completion or Recompletion Report and Log** must be submitted to the division to report the results of the following operations:

- completing or plugging a new well,
- reentering a previously plugged and abandoned well,
- significantly deepening an existing well bore below the current bottom-hole depth,
- drilling horizontal laterals from an existing well bore,
- drilling hydrocarbon exploratory holes such as core samples and stratigraphic tests,
- recompleting to a different producing formation.

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



**Blue Tip Castlegate, Inc.**

## **PLUG & ABANDON PLAN**

**Jensen State 11C-34-11-9  
487' FNL 647' FWL  
NWNW Sec. 34 T11S R9E  
Carbon County, Utah  
API# 43-049-30024**

7/21/2015

Approved by: *Mike Cerelli*  
Mike Cerelli  
Vice President-Operations

Castlegate St 4-16-12-10  
 Plug & Abandon  
 Page 2 of 5

## **GENERAL INFORMATION**

**WELL NAME:** Jensen State 11C-34-11-9

**API#** 43-049-30024

**LOCATION:** 487' FNL 647' FWL,  
 NWNW Sec. 34 T11S R9E,  
 Carbon County, Utah

**OBJECTIVE:** Plug and abandon wellbore in accordance with UDOGM regulations.  
 Reclaim and seed location

**TOTAL DEPTH:** 6362' Initial PBTB 6264

**ELEVATION:** 7305' GL Drilling Rig KB=13.0'

**CASING DETAIL:**

Surface Casing	8 5/8" 24 lb/ft J-55 ST&C landed at 695 ft
Surface Cement	290 sks Premium, tail - 175 sks Class 'C' TOC surface
Production Casing	5 1/2" 17 lb/ft N-80 landed at 6,350 ft FC at 6,265 ft
Prod. Casing Cement	527 sks Class G, tail – 324 sks Class G TOC 2,000 ft estimated

**PERFORATION DETAIL:**

Top	Bottom	SPF	Phasing	Formation
6124	6131	4	60	Spring Canyon
6140	6155	4	60	Spring Canyon
6176	6186	4	60	Spring Canyon
6226	6236	4	60	Spring Canyon

**FORMATION TOPS:**

Price River Fm	3850
Castlegate Fm	4850
Blackhawk Fm	5350
Spring Canyon	6128

**PRESSURE DATA:** 1100 psi on tubing..

Castlegate St 4-16-12-10  
Plug & Abandon  
Page 3 of 5

## **PLUG & ABANDON PROCEDURE**

NOTE: Fresh water with Corrosion Inhibitor (Multi-Chem C-6895 ½ gallon per 1000 gal water) and Biocide (Multi-Chem B-8850 ½ gallon per 1000 gal water) will be placed between plugs. The reclamation and seeding will be scheduled to be completed during "Fall Seeding" of 2015.

1. Test anchors.
2. MIRU completion rig, BOP, and associated plugging equipment.
3. Kill well with water if necessary. RIH and pull tubing.
4. PU bit and casing scraper dressed for 5 ½" 17 lb/ft casing. Tally in w/ 2 7/8" tubing to 6264' (PBTD). POH
5. RIH and set CIBP at 6250'. TOH
6. PU retainer for 5½", 17 lb/ft casing and RIH. Set retainer @6050'
7. RU cement equipment. Establish injection rate.
8. Pump 130 sks class G cement below retainer and leave 8 sks on top (Cover 8 5/8 csg)
9. Set 200 ft balanced plug from 4000'-4200' 23 sks
10. Set 200 ft balanced plug from 3200'-3400' 23 sks
11. Set 200 ft balanced plug from 1800'-2000' 23 sks
12. Set 200 ft balanced plug from 450'-650' 23 sks (Cover surface pipe)
13. Set plug from 200 ft to surface 23 sks
14. Rig down cement equipment. Total - Premium Class G Cmt 253 sks  
15.8#/gal 1.15 cuft/sk 5.0 gal/sk
15. Top off casing with cement.
16. Excavate casing head. Cut off casing at least 3' below reclaimed ground elevation.

Castlegate St 4-16-12-10  
Plug & Abandon  
Page 4 of 5

17. Install marker plate made from ¼" plate welded in place leaving a weep hole with the following information:  
Blue Tip Castlegate, LLC  
Jensen State 11C-34-11-9  
487' FNL 647' FWL  
NWNW Sec. 34 T11S R9E  
Carbon County, Utah  
API# 43-049-30024
  
18. Using hand held GPS, record latitude and longitude of wellhead.
  
19. Reclaim location restoring contour as close as practical to original landscape.
  
20. Seed location during the fall 2015 seeding window using the landowner requirements for seed mixture:

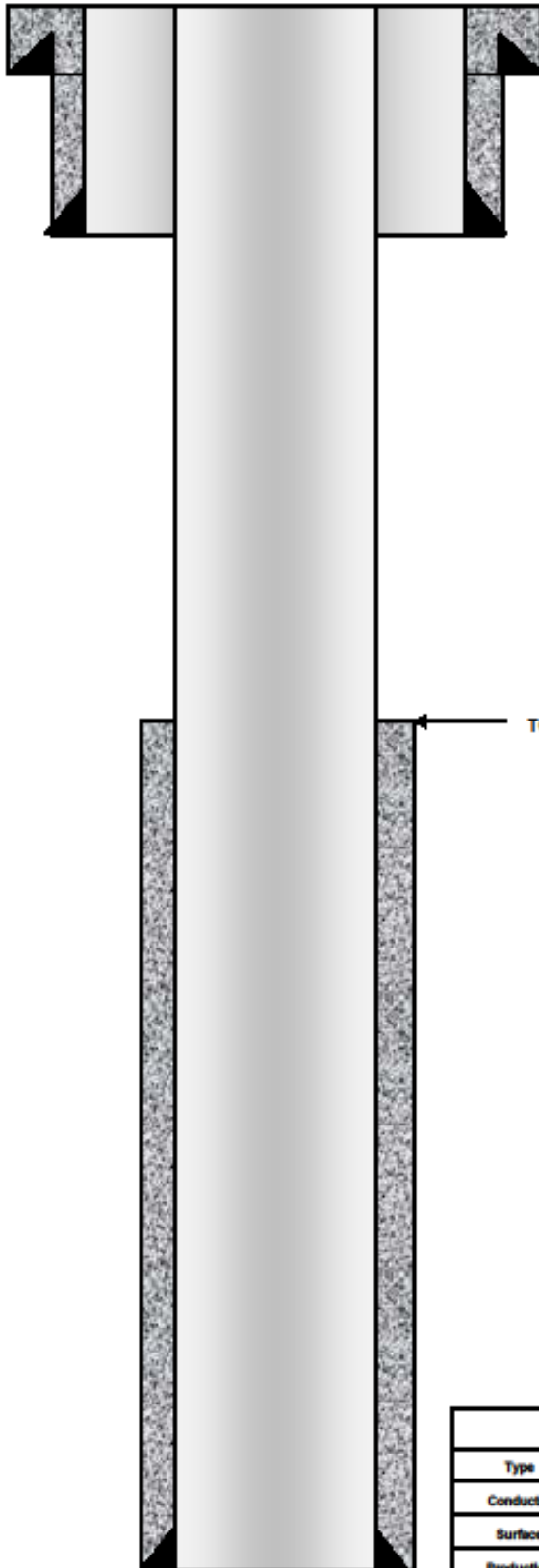
Castlegate St 4-16-12-10  
 Plug & Abandon  
 Page 5 of 5

**Note: Not To Scale**

**Jensen State 11C-34 11 9**

Current Status: waiting on completion

API #: 43-049-30024-0000  
 WI: 100%  
 NRI: 80%  
 GL: 7,305 ft  
 KB: 7,318ft  
 Location: NWNW  
 Sec 34-T11S-R(E)



TOC @ TBD by CBL

PBTD: 6,264'  
 TD: 6,362'

Geologic Data	
Formation	Log Top
Price River	3850
Castlegate	4850
Blackhawk	5350
Spring Canyon	6128

Completion Data		
Perforation Depth	Formation	SPF

Tubing Data	
Joins	
Size	2.875"
Weight	6.57#
Grade	J-55
Connection	EUE
I.D. (In)	2.441
Drift I.D. (In)	2.347
Tubing Capacity (bbl/ft)	0.00579
Annular Capacity (bbl/ft)	0.0152
Collapse (psi)	7,680
Burst (psi)	7,250
Yield (lbs)	99,700
Yield (80% Maximum Pull - lbs)	79,760

Casing Data						
Type	Size	Weight	Grade	Depth	ID	Drift
Conductor	-	-	-	40	-	-
Surface	8 5/8	24	J-55	895	8.007	7.972
Production	5 1/2	17	N-80	8,350	4.892	4.853