

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

FORM 3  
 AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>				<b>1. WELL NAME and NUMBER</b> Ute Tribal 7-25-14-19		
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				<b>3. FIELD OR WILDCAT</b> FLAT ROCK		
<b>4. TYPE OF WELL</b> Gas Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>				<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>		
<b>6. NAME OF OPERATOR</b> WHITING OIL & GAS CORPORATION				<b>7. OPERATOR PHONE</b> 303 390-4095		
<b>8. ADDRESS OF OPERATOR</b> 1700 Broadway, Suite 2300, Denver, CO, 80290				<b>9. OPERATOR E-MAIL</b> scottw@whiting.com		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> 20G0005581		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>		
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>		
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b> Ute Indian tribe		<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	1590 FNL 305 FWL	SWNW	30	14.0 S	20.0 E	S
<b>Top of Uppermost Producing Zone</b>	1652 FNL 6 FEL	SWNW	25	14.0 S	19.0 E	S
<b>At Total Depth</b>	1980 FNL 1980 FEL	SWNE	25	14.0 S	19.0 E	S
<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1980		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640		
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1750		<b>26. PROPOSED DEPTH</b> MD: 11984 TVD: 11688		
<b>27. ELEVATION - GROUND LEVEL</b> 7218		<b>28. BOND NUMBER</b> RLB0011681		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Ute Tribal 30-4A #14-20-H62-5069		

**ATTACHMENTS**

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

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

<b>NAME</b> Terri Hartle	<b>TITLE</b> Admin/Regulatory (Western Land Services)	<b>PHONE</b> 435 896-5501
<b>SIGNATURE</b>	<b>DATE</b> 03/19/2010	<b>EMAIL</b> Terri.Hartle@Westernls.com
<b>API NUMBER ASSIGNED</b> 43047510290000	<b>APPROVAL</b>   Permit Manager	

**Proposed Hole, Casing, and Cement**

<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Top (MD)</b>	<b>Bottom (MD)</b>		
I1	12.25	9.625	0	4500		
<b>Pipe</b>	<b>Grade</b>	<b>Length</b>	<b>Weight</b>			
	Grade J-55 LT&C	4500	36.0			

**CONFIDENTIAL**

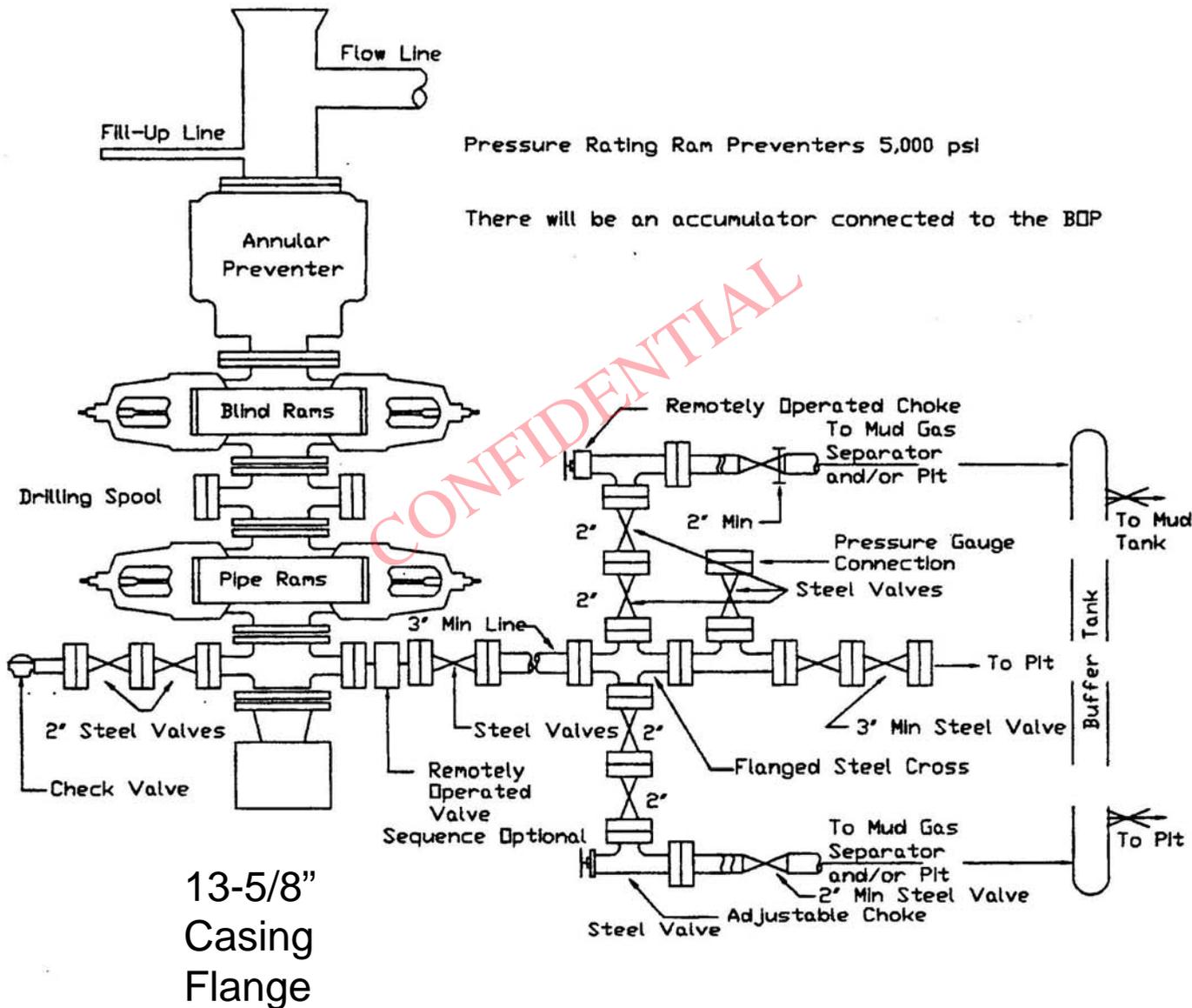
Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	4.5	0	11984		
Pipe	Grade	Length	Weight			
	Grade HCP-110 LT&C	11984	11.6			

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**Proposed Hole, Casing, and Cement**

<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Top (MD)</b>	<b>Bottom (MD)</b>		
Surf	17.5	13.375	0	500		
<b>Pipe</b>	<b>Grade</b>	<b>Length</b>	<b>Weight</b>			
	Grade H-40 ST&C	500	48.0			

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The location of the rams, drilling spool (if used) and the size and location of the valves may vary depending on the rig used. However, all equipment will meet BLM and Wyoming Oil and Gas Conservation Commission Specifications.

Whiting Oil and Gas Corporation

Ute Tribal 7-25-13-19

5,000 PSI Double Ram BOP

Ute Tribal 3-25-14-19 and Ute Tribal 7-25-14-19 SUPO

**Whiting Oil and Gas Corporation**  
1700 Broadway, Suite 2300  
Denver, Colorado 80290-2300

**SURFACE USE PLAN OF OPERATIONS**

**Ute Tribal 3-25-14-19**

**Ute Tribal 7-25-14-19**

SHL SWNW Section 30, T14S, R20E  
Oil & Gas Lease No. 2OG 0005581  
Uintah County, Utah

**1. LOCATION DIRECTIONS AND ACCESS ROADS**

- a. The access road and pad are existing. See Map Sheets 8 & 9.
- b. Proceed in a westerly direction from Vernal, Utah along U.S. Highway 40 approximately 14 miles to the junction of State Highway 88. Exit left and proceed in a southerly direction along State Highway 88 approximately 17 miles to Ouray, Utah. From Ouray, proceed in a southerly direction along the Seep Ridge Road (County B Road 2810) approximately 29.4 miles to its intersection with the buck canyon road (County B Road 5460). Exit right and proceed in a southwesterly direction along County B Road 5460 approximately 3.2 miles to Willow Creek. Turn right and proceed in a northwesterly direction along the Willow Creek Road (County B Road 5120) approximately 2.1 miles to its intersection with the Agency Draw Road (County B Road 5340). Exit left and proceed in a westerly then southwesterly direction along County B Road 5340 approximately 2.5 miles to its intersection with the Flat Rock Mesa Road (County B Road 5450). Exit left and proceed in a southerly direction along County B Road 5450 approximately 10.9 miles to the Flat Rock Mesa Road. Proceed in a southwesterly direction along the Flat Rock Mesa Road approximately 2.8 miles to its intersection with the Black Knolls Road. Continue in a westerly then northwesterly direction along the Flat Rock Mesa Road approximately 2.9 miles to the north fork of the Flat Rock Mesa Road. Exit right and proceed in a northerly then westerly direction along the north fork of the Flat Rock Mesa Road approximately 2.2 miles to a service road to the west. Exit right and proceed along service road approximately 0.1 miles to an existing road to the southwest. Exit left and proceed along existing road approximately 370 feet in a southwesterly direction to the existing 1-25-14-19 well pad. Total distance from Vernal, Utah to the proposed well location is approximately 87.2 miles in a southerly direction. See Map Sheets 8 & 9.
- c. All roads are labeled on See Map Sheets 8 & 9.
- d. Roads will be maintained per BLM specifications and standards.
- e. BLM Best Management Practices (BMP's) as outlined in the "Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development" (The Gold Book) will be utilized for all construction and operational activity related to this facility.

**2. ACCESS ROAD AND WELL PAD CONSTRUCTION**

- a. The Access Road and Pad are the existing location for the Ute Tribal 1-25-14-19 well.
- b. The roads shall be maintained to BLM standards. A regular maintenance program shall include blading, ditching, sign replacement, surfacing, and culvert maintenance. All vehicles servicing the well are restricted to use of the approved access road and well pad.
- c. There will be no additional road construction necessary for these wells.

Ute Tribal 3-25-14-19 and Ute Tribal 7-25-14-19 SUPO

- d. Surface disturbance will be limited to the approved location, slash storage areas, topsoil stock piles and access road. Any additional area needed will be approved in advance.
- e. Dust control measures will be implemented during dry weather when necessary.
- f. No pullouts or off-road parking will be allowed unless specifically authorized.

**3. LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE LOCATION.**

- a. Known Water Wells - 1
- b. Injection or Disposal Wells - 0
- c. Producing Wells – 6
- d. Plugged and Abandoned Wells – 2
- e. Permitted not drilled or shut-in wells – 2

See attached One Mile Radius Map Sheet 10

**4. LOCATION OF FACILITIES IF THE WELLS ARE PRODUCTIVE AND EROSION CONTROL MEASURES.**

- a. If the well is productive, the facilities to be located on the well pad will be a typical tank battery. Two (2) 300 BBL oil stock tanks, a separator and meter will be on location. A portion of the drilling pad may be utilized for artificial lift pumping unit. See attached Sheet 7.
- b. The oil and gas measurement facilities will be installed on the well location. All meter measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement. A 2" steel line will run from the separator unit to the meter hut on location.
- c. Production facilities will be located on the drill site if the wells are economically productive. Secondary containment will be constructed around any tanks and the flare pit will be of minimal size. See attached Sheet 7.
- d. A schematic facilities drawing as required by CFR 43, Part 3162.7-5 (b.9.d.) shall be submitted to the BLM Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 3162.7-5 (b.4.).
- e. Any venting or flaring of gas will be done in accordance with Notice of Lessees (NTL) 4A.
- f. Compaction and construction of the berms surrounding the tank or tank batteries will be designed to prevent lateral movement of fluids through the utilized materials. The berms must be constructed to contain at a minimum 110 percent of the storage capacity of the largest tank within the berm. All load lines and valves shall be placed inside the berm.
- g. All access roads will be upgraded and maintained to BLM Standards to prevent erosion and accommodate year-round traffic. Federal and State Storm water permit standards will be utilized.
- h. WHITING will contract with a certified applicator licensed to work on public lands, and treat all identified noxious weed species at least annually, on all facilities associated with the well.
- i. Interim reclamation as per State or Federal Storm water permitting guidelines can include seeding of exposed bank and top-soil stockpile areas, and placement of silt fence or seed free straw bales in strategic areas surrounding the facility.

## Ute Tribal 3-25-14-19 and Ute Tribal 7-25-14-19 SUPO

j. Trenching and or diversion structures will be used to avoid flooding and subsequent erosion for run-off due to precipitation events.

k. Disturbed areas adjacent to the pad as a result of that construction and slash storage areas will be have interim seeding completed in after all construction has been completed.

### **5. LOCATION AND TYPE OF WATER SUPPLY**

Water will be obtained from the 30-4 WSW well located +-1900' west-north west of this location in the NENW of Section 30-T14S-R20E. The 30-4 water supply well is permitted with the Ute Tribe; that permit number is 14-20-H62-5069.

All produced fluids from completion operations will be trucked to and disposed of at a permitted and fully licensed facility.

### **6. SOURCE OF CONSTRUCTION MATERIALS**

No construction material will be required for this project as it is an existing location.

### **7. METHODS FOR HANDLING WASTE DISPOSAL**

a. Drill cuttings are to be contained and buried in the reserve pit. All drilling fluids / chemicals will be removed from the pit and re-used on another location or disposed of in an approved facility. Class C fly ash or cement may be used to solidify pit contents to facilitate closure of the pit.

b. Garbage is to be contained in the trash cage. The trash cage will be totally enclosed with small mesh wire to prevent wind scattering and wildlife entry. All garbage will be hauled to an approved disposal site at the end of drilling/completion operations.

c. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.

d. Sewage will be disposed of in accordance with applicable regulations. No sewage boreholes will be allowed. Chemical porta-toilets will be furnished and their contents hauled to an approved disposal site.

e. The produced fluids (produced water, frac fluid and possibly condensate), while testing the well will be flowed back to a test tank. Sand and produced fluids other than hydrocarbon liquids will be transferred to the reserve pit until such time as the well is cleaned up sufficiently to produce pipeline quality gas. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.

### **8. Ancillary Facilities**

No ancillary facilities will be required.

### **9. WELLSITE LAYOUT**

a. Location is existing See sheets 6 & 7 for the well site lay out and production facilities

b. The location of reserve pit, access roads onto the pad, soil material stockpiles and orientation of the rig with respect to the pad and other facilities is shown on the location layout as Sheet 7.

c. The reserve pit will be sealed in such a manner as to prevent leakage of the fluids. To insure containment of drilling fluids in the reserve pit include lining the inside of the pit with at least 10 mil plastic with a minimum rated burst strength of 140 psi. The bottom of the pit shall

## Ute Tribal 3-25-14-19 and Ute Tribal 7-25-14-19 SUPO

be smooth and free of any sharp rocks. A minimum of not less than a two (2) foot freeboard will be maintained in the pit at all times. All oil or floating debris will be removed from the pit immediately after the drilling phase or the well.

- d. The reserve pit will be designed to prevent the collection of surface runoff. The size and capacity of the reserve pit has been increased to allow for additional completion fluids.
- e. Flare pits will be located a sufficient distance from the reserve pit to prevent the liner from being damaged during flaring operations.
- f. Compaction and construction of the berms surrounding the tank or tank batteries will be designed to prevent lateral movement of fluids through the berm, prior to any storage of fluids. All load lines and valves shall be placed inside the bermed areas.
- g. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- h. If the well is economically viable, either an Ajax engine may be utilized to power the pumping unit or electrical power will be installed at this location from the closest source.

### **10. PLANS FOR RECLAMATION OF THE SURFACE**

- a. After drying, the reserve pit will be solidified and re-contoured. The reserve pit will be reclaimed within 6 months from the date the well is spudded. The reserve pit solids will not be squeezed out of the pit. The liner shall be cut off at the mud level and removed to an approved disposal facility. To the degree it is feasible, natural drainage will not be altered.
- b. The operator will push fill material into the cuts and up over the back slope to approximate the original topography. No depressions will be left to trap water.
- c. Waste materials will be disposed of as stated in #7 of this Surface Use Plan.
- d. All disturbed areas are to be seeded with a BLM approved seed mixture. The seeding is to be done by drilling with a drill equipped with a depth regulator to insure even depths of planting not to exceed 1/2 inch. Seeding is to be done during the months of September-October or April-May following construction completion. The seed mixture used shall be certified weed free. In the event grasses and native vegetation is not established after the first seeding application, subsequent applications will be performed until grasses and/or native vegetation is established.
- e. If the seed is broadcast, application rates will be tripled and some means such as a rake or harrow will be used to incorporate the seed into the soil. Certified weed free mulch may be required on locations with an inadequate supply of removed vegetation. Hydro-seeding with an appropriate seed mixture may be utilized for subsequent applications if necessary.
- f. Vegetation or soil disturbance by the operator will be held to the minimum to be consistent with practical construction practice. Slash material that remains on location will be utilized for wildlife habitat if it is an acceptable type.
- g. Following receipt of "Notice of Intent to Abandon", final BLM recommendations will be specified.
- h. Reclamation will be considered successful when the desired vegetative species are established, erosion is controlled, weeds are considered a minimal threat, and it is likely that ground cover will return to it a desirable condition. The BLM shall be responsible for determining when reclamation efforts are successful
- i. If necessary, a fence shall be installed around the perimeter of the area undergoing reclamation and shall be maintained in a manner to prevent cattle from entering the area:
  - Posts to be no more than 16.5' apart;
  - Four wires of at least 12.5 gauge, double strand twisted;

Ute Tribal 3-25-14-19 and Ute Tribal 7-25-14-19 SUPO

Wire stretched taut between brace panels;  
Wire spacing from the ground up: 16", 22", 30", 42".

**11. Surface Ownership**

Well Pad and Access Road:

**Ute Indian Tribe**

**12. Other Information**

a. A Class III Cultural Survey has been completed for the road and location and a report has been submitted to the BLM Office by Western Land Services.

b. If any archaeological or historical materials are discovered during construction, the operator must immediately halt surface disturbing activities and notify the appropriate SMA. The SMA Manager will then consult with the appropriate agency concerning the NRHP significance of the discovered materials, and to recommend measures to manage those resources and/or to mitigate any adverse effects than may have occurred to them. The costs of mitigation beyond determination of NRHP eligibility will be the responsibility of the fluid minerals lessee. The determination of appropriate management actions, including possibly avoidance or mitigation actions will be made by the Area Manager in consultation with the SHPO and the Advisory Council on Historic Preservation, as appropriate pursuant to Federal Regulation 36 CFR 800.

c. If subsurface cultural resources are unearthed during operations, activity in the vicinity of the cultural resource will cease and a BLM representative notified immediately. Pursuant to 43 CFR 10.4 WHITING must notify the authorized officer, by telephone, with written confirmation, immediately upon the discovery of human remains, funerary items, sacred objects, or objects of cultural patrimony.

d. WHITING will inform all persons associated with this project that they will be subject to prosecution for knowingly disturbing Native American Indian shrines, historic and prehistoric archaeology sites, or for collecting artifacts of any kind, including historic items and/or arrowheads and pottery fragments from Federal lands.

e. "Sundry Notice and Report of Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 32 CFR 3164.

**LESSEE'S OR OPERATOR'S REPRESENTATIVE**

Permit Matters  
**Whiting Oil and Gas Corp.**  
1700 Broadway, Suite 2300  
Denver, CO 80290-2300  
Scott M. Webb  
(303) 390-4095

Drilling & Completion Matters  
**Whiting Oil and Gas Corp.**  
1700 Broadway, Suite 2300  
Denver, CO 80290-2300  
Dana Greathouse – Drilling Manager  
Office: (303) 390-4247

Ute Tribal 3-25-14-19 and Ute Tribal 7-25-14-19 SUPO

## Operator Certification

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

\_\_\_\_\_  
Scott M. Webb  
Regulatory Coordinator  
Whiting Oil and Gas Corporation

March 4, 2010  
Date

### Attachments:

Location Survey Plats  
One Mile Radius Map Sheet 10  
Access Road Map Sheet 8  
Access Road Map Sheet 9  
Pad Cut Sheet 4  
Pad Cross Section Sheet 5  
Rig Layout Drawing Sheet 6  
Production Layout Drawing Sheet 7  
5,000 psi BOP Diagram

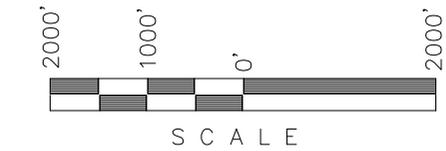
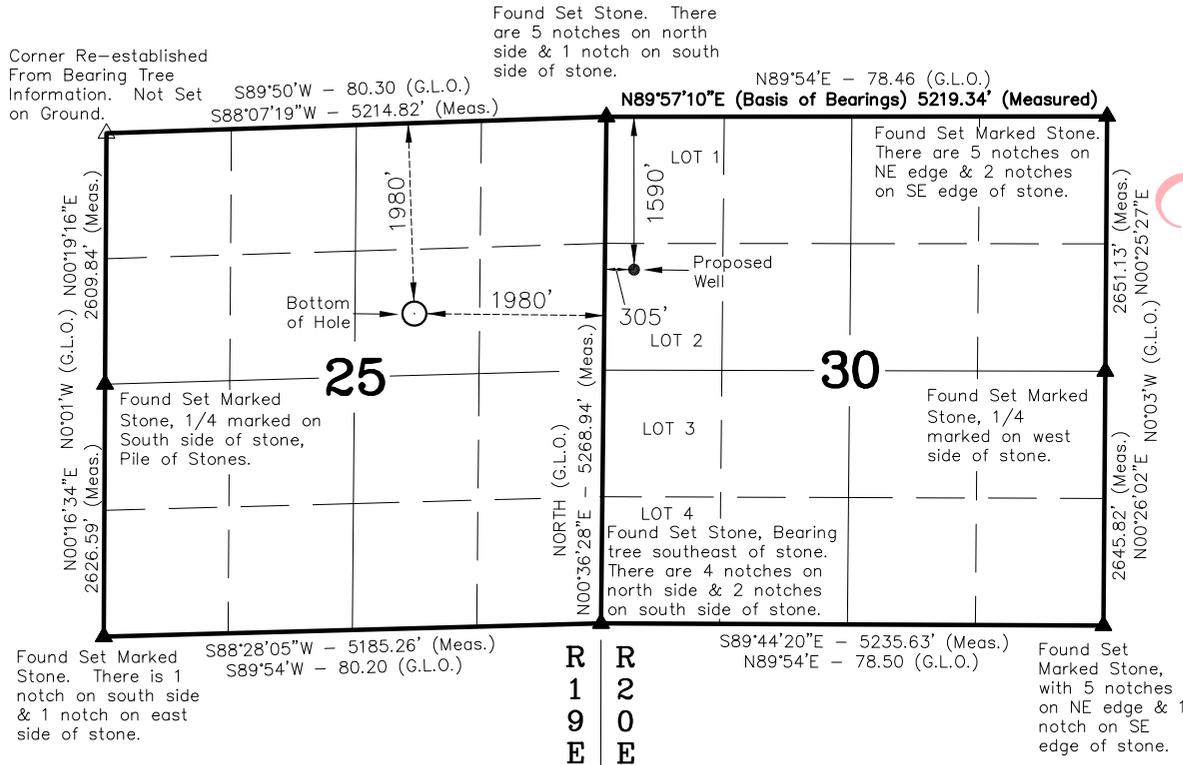
# T14S

# WHITING OIL AND GAS CORPORATION

## WELL LOCATION: UTE TRIBAL 7-25-14-19

ELEV. UNGRADED GROUND = 7218.1'

WELL LOCATION, UTE TRIBAL 7-25-14-19,  
LOCATED AS SHOWN IN THE SW 1/4 NE  
1/4 OF SECTION 25, T14S, R19E, S.L.B.&M.  
UINTAH COUNTY, UTAH.



### NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
3. Bearings are based on Global Positioning Satellite observations.
4. The proposed bottom hole bears S78°42'33"W 2334.95' from the surface position.
5. BASIS OF ELEVATION IS BENCH MARK 60 WF 1952 LOCATED IN THE SW 1/4 OF SECTION 35, T14S, R20E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS SHOWN ON THE FLAT ROCK MESA 7.5 MIN. QUADRANGLE AS BEING 7363'.

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

No. 362251  
KOLBY R. KAY  
KAY

REGISTERED LAND SURVEYOR  
REGISTRATION No. 362251  
STATE OF UTAH

R  
1  
9  
E

R  
2  
0  
E

▲ = SECTION CORNERS LOCATED

UTE TRIBAL 7-25-14-19  
(Bottom Hole) NAD 83 Autonomous  
LATITUDE = 39° 34' 19.07"  
LONGITUDE = 109° 44' 12.65"

UTE TRIBAL 7-25-14-19  
(Surface Position) NAD 83 Autonomous  
LATITUDE = 39° 34' 23.59"  
LONGITUDE = 109° 43' 43.42"

**TIMBERLINE** (435) 789-1365  
ENGINEERING & LAND SURVEYING, INC.  
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 09-25-07	SURVEYED BY: B.J.S.	SHEET <b>2</b> OF 10
DATE DRAWN: 10-02-07	DRAWN BY: M.W.W.	
SCALE: 1" = 2000'	Date Last Revised: 07-28-09	

**Whiting Oil & Gas Corp.  
Ute Tribal 7-25-14-19 Well Plan  
Directional Entrada well**

Surface Location: NWSWNW 30-T14S-R20E SLB&M  
1590' FNL & 305' FWL  
Uintah County, Utah

**SUMMARY:**

Whiting Oil & Gas Corp. is requesting a permit for the Ute Tribal 7-25-14-19. The Ute Tribal 7-25-14-19 will be a S curve well, drilled from the Ute Tribal 1-25-14-19 pad. The UT 1-25 was drilled earlier in 2010. The BHL for the UT 7-25 will be in the SWNE of Section 25.

**DRILLING PROGRAM**

**1. ESTIMATED TOPS OF GEOLOGICAL MARKERS:**

Ground Level 7,218'                  Estimated KB 7,248' (28')

<b><u>Formation</u></b>	<b><u>TVD</u></b>	<b><u>Core</u></b>	<b><u>Lithology</u></b>	<b><u>Hazard</u></b>
Green River	28'		Oil Shale	Oil/Gas
Wasatch	2,139'		SS-SH	Oil/Gas
Mesaverde	4,292'		SS-SH	Oil
Castlegate SS	6,177'		Sandstone	Gas
Mancos	6,413'		SS-SH	Gas
Dakota	10,324'		Sandstone	Gas
Cedar Mtn	10,427'		Sandstone	Gas
Morrison	10,623'		SS-SH	Gas
Curtis	11,184'		SS-SH	Gas
Entrada	11,289'		Sandstone	Gas
Carmel	11,628'		SS-SH	Gas
Total Depth	11,688'			

Bottom Hole Location: SWSE 25-T14S-R19E  
1980' FNL & 1980' FEL  
Uintah County, Utah

11984' MD & 11688' TVD

\*See Attached Directional Well Plan

**2. PRESSURE CONTROL EQUIPMENT**

- A. Type:** 13-5/8" - 5000 psi annular preventer  
13-5/8" - 5000 psi double ram hydraulic BOP  
1 - Blind Ram  
1 - Pipe Ram  
Drilling Spool  
Kill lines will be 2" x 5,000 psi working pressure  
Choke lines will be 3" x 5,000 psi working pressure  
5,000 psi Casing head

**B. Testing Procedure:**

The annular preventer will be pressure tested to 50% of stack rated working pressure for ten (10) minutes or until provisions of test are met, whichever is longer. The BOP, choke manifold, and related equipment will be pressure tested to approved BOP stack working pressure (if isolated from surface casing by a test plug) or to 70% of surface casing internal yield strength (if BOP is not isolated by a test plug). Pressure will be maintained for ten (10) minutes or until the requirements of the test are met, whichever is longer. At a minimum, the Annular and Blow-Out Preventer pressure tests will be performed:

1. When the BOPE is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

Annular will be function tested weekly, and pipe & blind rams activated each trip, but not more than once per day. All BOP drills & tests will be recorded in IADC driller's log.

**C. Choke Manifold Equipment:**

All choke lines will be straight lines whenever possible at turns, tee blocks will be used or will be targeted with running tees, and will be anchored to prevent whip and vibration.

**D. Accumulator:**

Accumulator will have sufficient capacity to open hydraulically-controlled choke line valve (if so equipped), close all rams plus annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double accumulator capacity and the fluid level will be maintained at manufacturer's recommendations. Accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack.

**E. Miscellaneous Information:**

Choke manifold and BOP extension rods with hand wheels will be located outside rig sub-structure. Hydraulic BOP closing unit will be located at least twenty-five (25) feet from the wellhead but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole. A flare line will be installed after the choke manifold with the discharge point of the flare line to a separate pit located at least 125 feet away from the wellbore and any existing production facilities.

**3. PROPOSED CASING PROGRAM**

<u>Hole Size</u>	<u>Setting Depth (MD)</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Thread</u>
17-1/2"	500'	13-3/8"	48.00	H-40	STC
12-1/4"	4,500'	9-5/8"	36.00	J-55	LTC
7-7/8"	11,984'	4-1/2"	11.60	HCP-110	LTC

**4. PROPOSED CEMENTING PROGRAM**

SURFACE 500' MD: TOC Surface (100% Excess)

Single Stage (Includes Top Out): 390 sacks, Rockies LT

<u>Cement Properties</u>	<u>Slurry</u>
Slurry Weight (ppg)	13.5
Slurry Yield (cf/sack)	1.80

INTERMEDIATE 4,500' MD: TOC Surface (75% Excess, TOT: 4000' MD, TOL: Surface)

Lead: 610 sacks Halliburton ECONOCEM SYSTEM

Tail: 255 sacks Halliburton Premium Cement

<u>Cement Properties</u>	<u>Lead Slurry</u>	<u>Tail Slurry</u>
Slurry Weight (ppg)	11.0	15.8
Slurry Yield (cf/sack)	3.81	1.15

PRODUCTION 11,984' MD: TOC Surface (40% Excess, TOT: 10,200' MD above the Dakota Silt, TOL: 4000' MD)

Lead: 1400 sacks Halliburton Foamed Lead Cement Elastiseal System

Tail: 350 sacks Halliburton Elastiseal System

<u>Cement Properties</u>	<u>Lead Slurry</u>	<u>Tail Slurry</u>
Slurry Weight (ppg)	14.30	14.30
Slurry Yield (cf/sack)	1.47	1.47

**5. MUD PROGRAM**

<u>Depth (MD)</u>	<u>Mud System</u>	<u>MW</u>	<u>PV</u>	<u>YP</u>	<u>FL</u>
0 - 500	Air	N/A	N/A	N/A	N/A
500' - 4,500'	Spud Mud	8.4 - 8.6	0 - 15	0 - 10	N/C
4,500' - 11,984'	DAP System	8.6 - 9.2	5 - 10	5 - 15	>8

Surface hole (0' - 500') will be drilled with the drilling rig using an air/foam package. Air/foam package will consist of compressors, booster, and foam unit. (See attached drawing and data). Package will compress 3200 SCFM of air and a fluid package capable of pumping 60 gpm nominal, of fluid to 600 psig. This same package will move 2100 SCFM two staged @ 1500 psig.

**Special Drilling Operations**

- Rotating Head
- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line
- Compressors located in the opposite direction from the blooie line
- Compressors located a minimum of 100 feet the well bore

**6. Testing, Logging and Core Programs**

Cores: None Planned  
 DST: None planned

Surveys: 500'

Mud Logger: Surface

Samples: 30' samples from surface to Entrada  
10' samples to TD

Open Hole Logging Program: Triple Combo TD to Surface Casing

**7. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES:**

No H<sub>2</sub>S gas is anticipated.

Maximum pressure in the base of the Curtis, 4,888 psi (0.433 psi/ft normal pressure gradient) at 11,289'

Anticipated bottomhole pressure at TD 11,688' TVD is 4,091 psi (0.35 psi/ft).

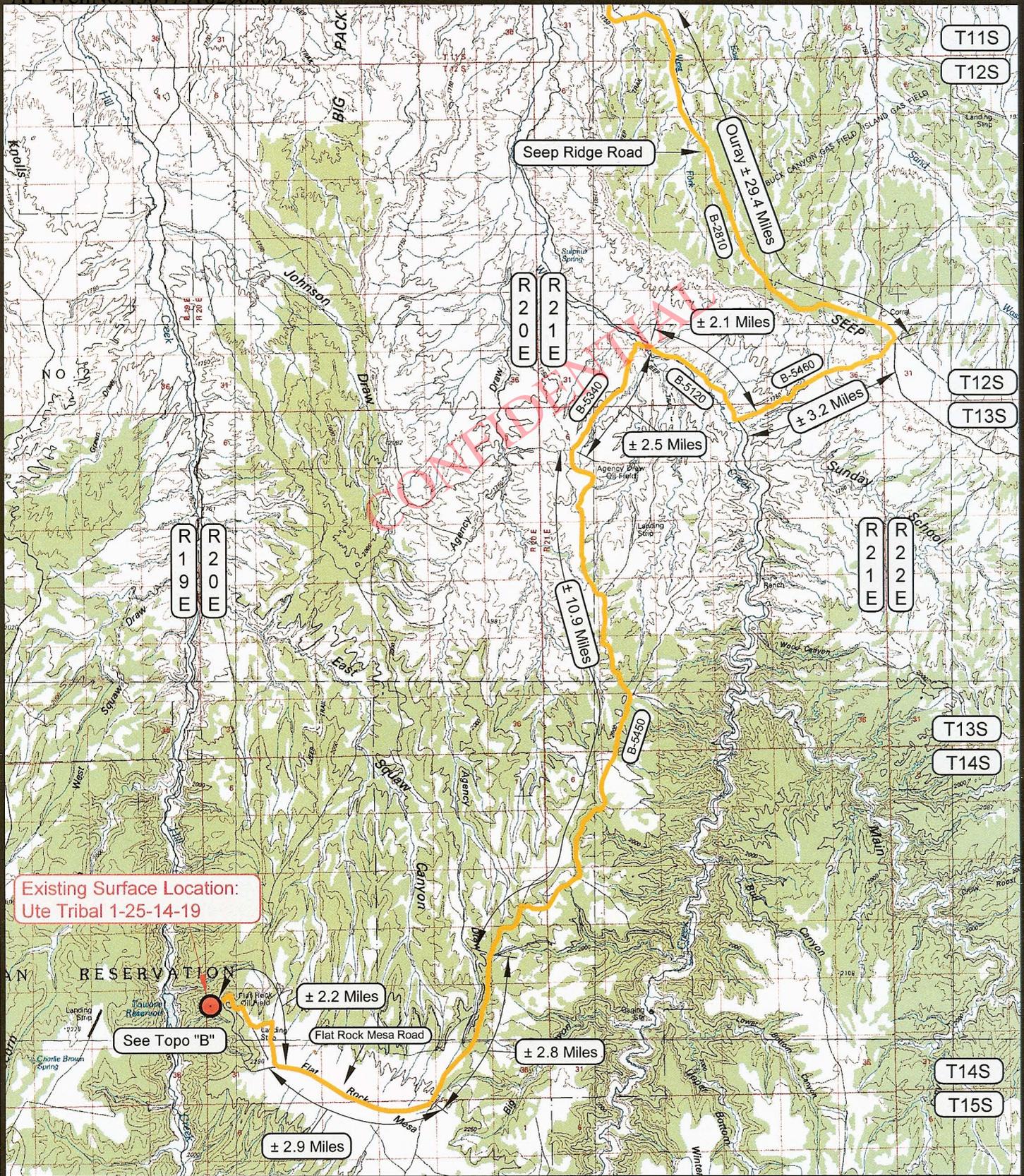
Normal BHT calculated at 1.25°F/100' with a 65°F surface Temperature.  
BHT @ 11,688' TVD = 211°F.

**8. ANTICIPATED STARTING DATE AND DURATION:**

Dirt work startup: ASAP

Spud: April 2010

Duration: 35 - 40 days



Existing Surface Location:  
Ute Tribal 1-25-14-19

**LEGEND**

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER

**TOPOGRAPHIC MAP "A"**

DATE SURVEYED: 09-25-07  
DATE DRAWN: 10-01-07  
REVISED: 03-04-10 K.H.G.

SCALE: 1:150,000

DRAWN BY: M.W.W.

**WHITING OIL AND GAS CORPORATION**

**Ute Tribal 7-25-14-19**

Other wells on this pad: Ute Tribal 1-25-14-19 & Ute Tribal 3-25-14-19

**SECTION 30, T14S, R20E, S.L.B.&M. (Surface)**

*Timberline*

(435) 789-1365

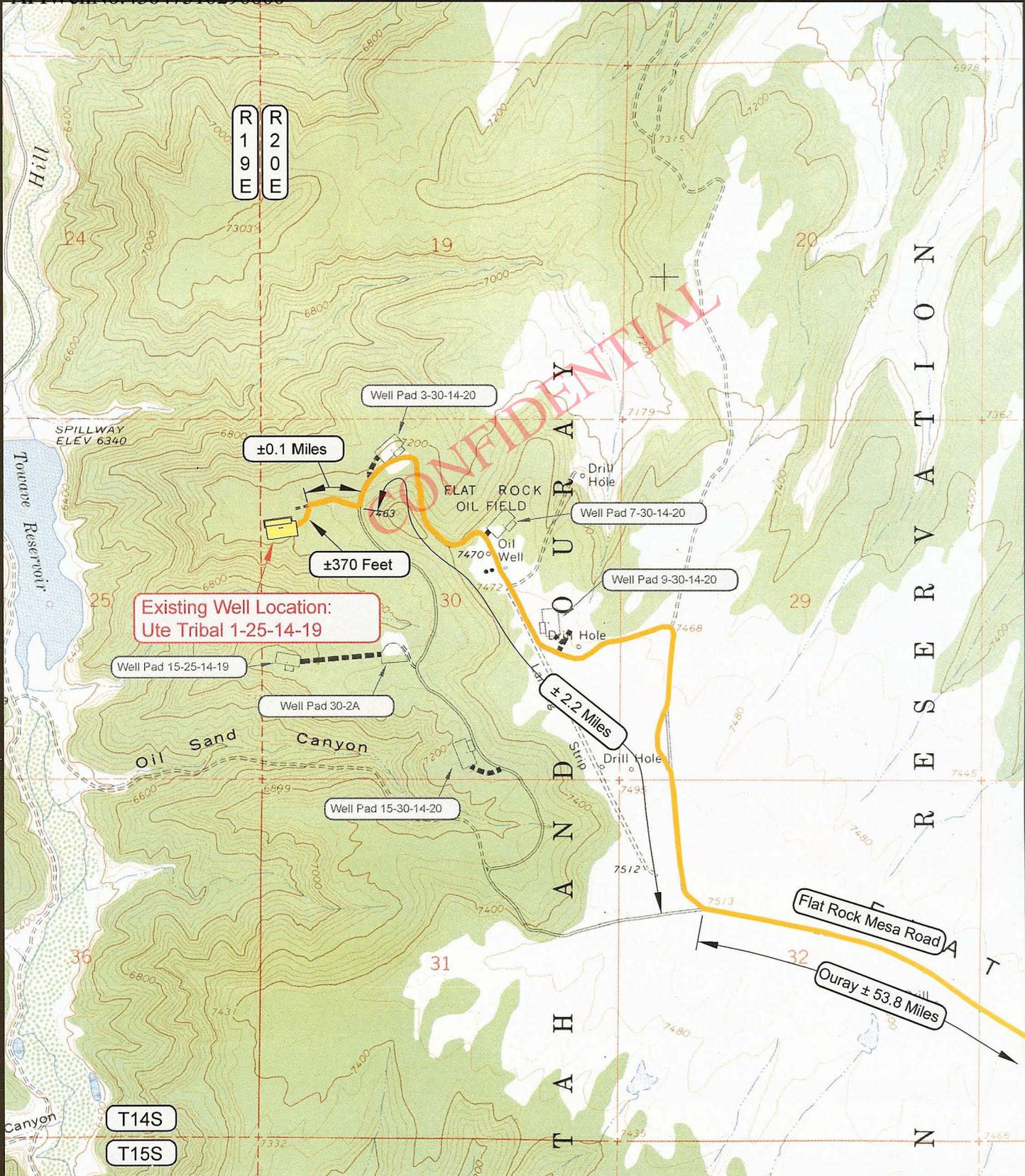
Engineering & Land Surveying, Inc.

209 NORTH 300 WEST VERNAL, UTAH 84078

SHEET

8

OF 10



**LEGEND**

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

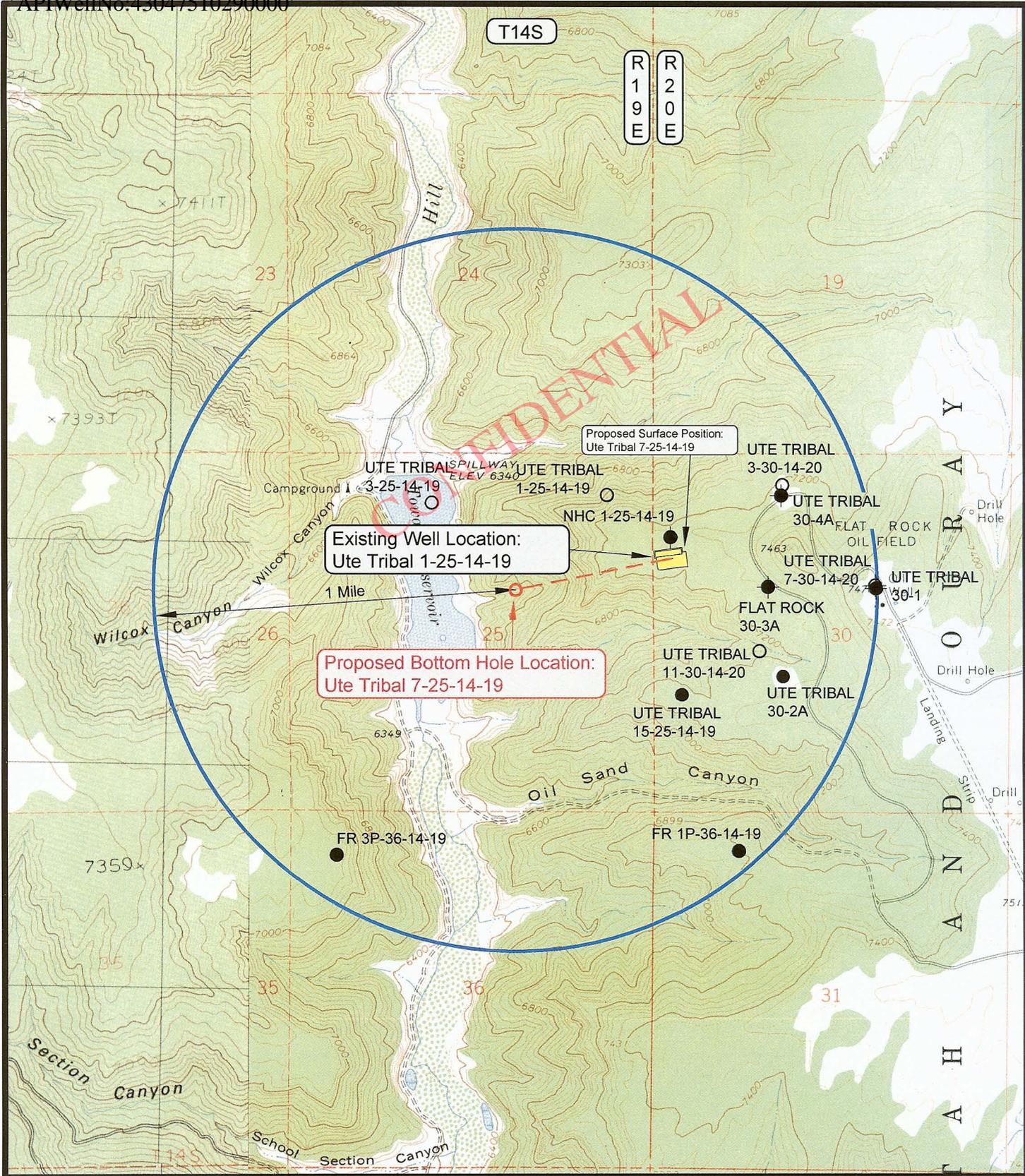
<b>TOPOGRAPHIC MAP "B"</b>	DATE SURVEYED: 09-25-07
	DATE DRAWN: 10-01-07
	REVISD: 03-04-10 K.H.G.
SCALE: 1" = 2000'	DRAWN BY: M.W.W.

**WHITING OIL AND GAS CORPORATION**

**Ute Tribal 7-25-14-19**  
 Other wells on this pad: Ute Tribal 1-25-14-19 & Ute Tribal 3-25-14-19  
**SECTION 30, T14S, R20E, S.L.B.&M. (Surface)**

*Timberline* (435) 789-1365  
 Engineering & Land Surveying, Inc.  
 209 NORTH 300 WEST VERNAL, UTAH 84078

SHEET  
**9**  
 OF 10



**LEGEND**

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

**WHITING OIL AND GAS CORPORATION**

**Ute Tribal 7-25-14-19**  
**SECTION 25, T14S, R19E, S.L.B.&M.**  
**(Bottom Hole)**

**TOPOGRAPHIC MAP "C"**

DATE SURVEYED: 09-25-07  
 DATE DRAWN: 10-02-07  
 REVISED: 03-04-10 K.H.G.

SCALE: 1" = 2000' DRAWN BY: M.W.W.

**Timberline**

(435) 789-1365  
 Engineering & Land Surveying, Inc.  
 209 NORTH 300 WEST VERNAL, UTAH 84078

**SHEET**  
**10**  
**OF 10**

# Whiting Oil & Gas

Uintah County, UT

1-25 Pad

UTE Tribal 7-25-14-19

Wellbore #1

Plan: Plan #1

CONFIDENTIAL

## Standard Planning Report

09 March, 2010

**Whiting Oil & Gas**  
**UTE Tribal 7-25-14-19**  
**Utah County, UT**  
**Plan #1**



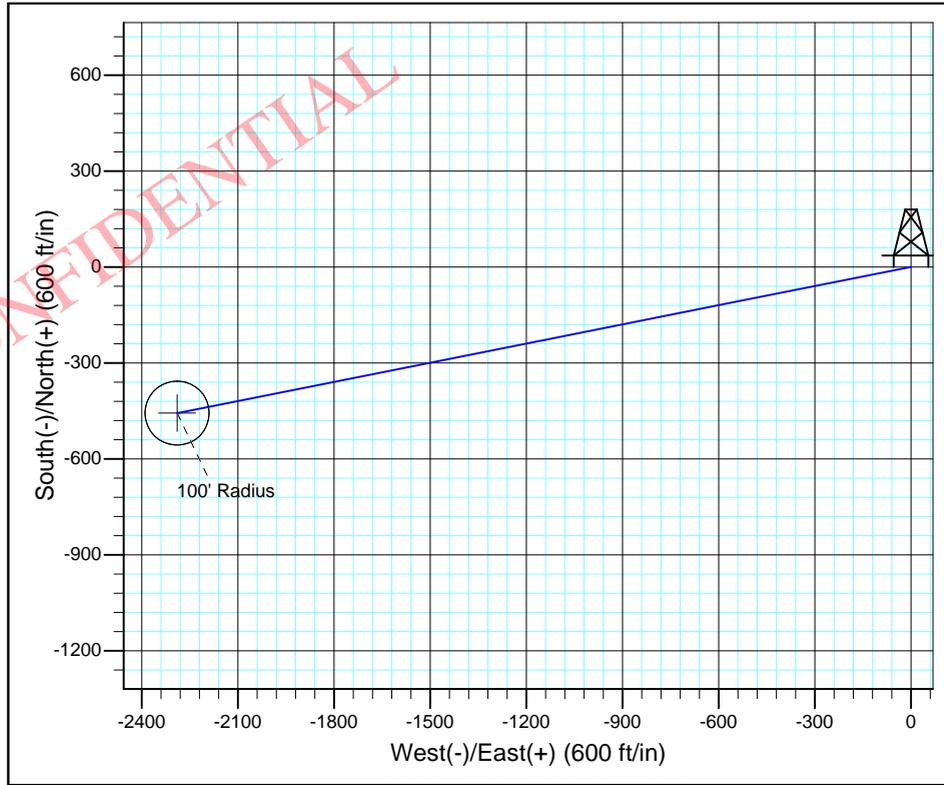
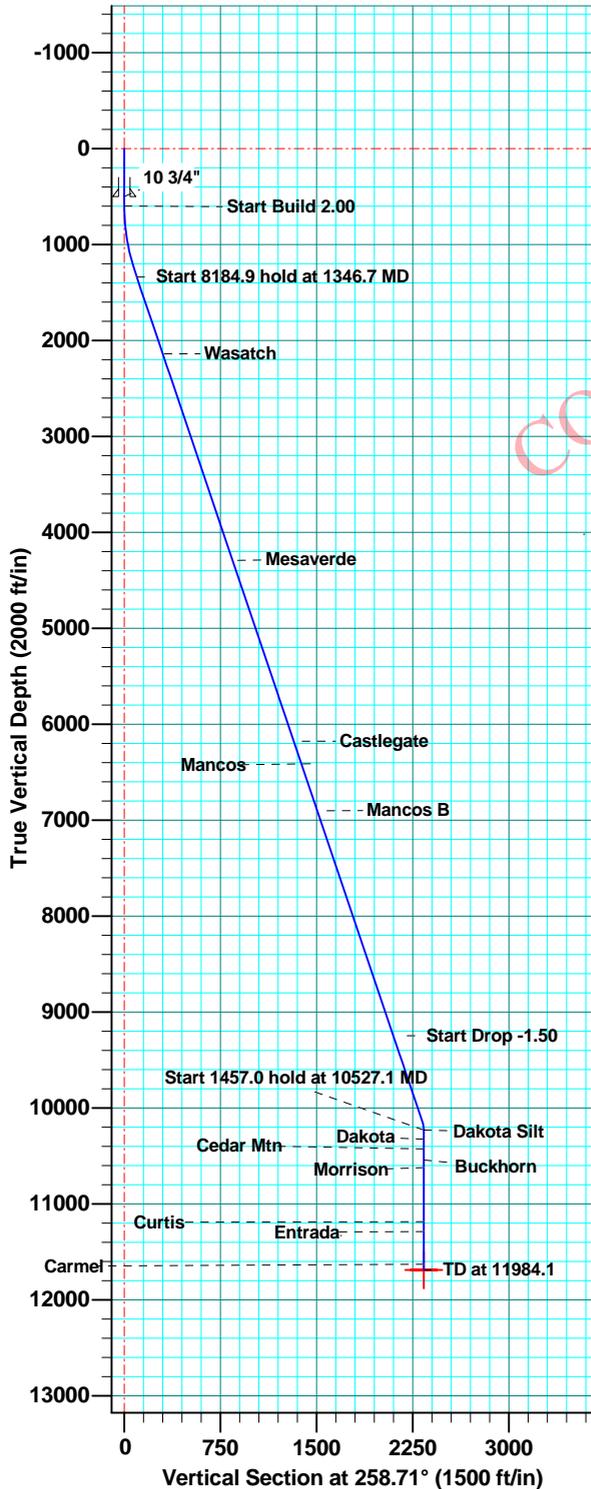
PROJECT DETAILS: Uintah County, UT

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

System Datum: Ground Level

**T M** Azimuths to True North  
 Magnetic North: 11.27°

Magnetic Field  
 Strength: 52221.1snT  
 Dip Angle: 65.52°  
 Date: 12/31/2009  
 Model: IGRF200510



FORMATION TOP DETAILS

TVDPPath	MDPath	Formation
2139.0	2172.6	Wasatch
4292.0	4393.5	Mesaverde
6177.0	6337.9	Castlegate
6413.0	6581.3	Mancos
6902.0	7085.8	Mancos B
10231.0	10517.7	Dakota Silt
10324.0	10610.7	Dakota
10427.0	10713.7	Cedar Mtn
10542.0	10828.7	Buckhorn
10623.0	10909.7	Morrison
11184.0	11470.7	Curtis
11289.0	11575.7	Entrada
11628.0	11914.7	Carmel

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0
1346.7	14.93	258.71	1338.2	-18.9	-94.9	2.00	258.71	96.8
9531.5	14.93	258.71	9246.7	-431.9	-2163.3	0.00	0.00	2205.9
10527.1	0.00	0.00	10231.0	-457.1	-2289.8	1.50	180.00	2334.9
11984.1	0.00	0.00	11688.0	-457.1	-2289.8	0.00	0.00	2334.9

## Crescent Directional Drilling Planning Report

<b>Database:</b> EDM 2003.16 Single User Db	<b>Local Co-ordinate Reference:</b> Well UTE Tribal 7-25-14-19
<b>Company:</b> Whiting Oil & Gas	<b>TVD Reference:</b> Corrected @ 7246.0ft (Bronco (28' KB))
<b>Project:</b> Uintah County, UT	<b>MD Reference:</b> Corrected @ 7246.0ft (Bronco (28' KB))
<b>Site:</b> 1-25 Pad	<b>North Reference:</b> True
<b>Well:</b> UTE Tribal 7-25-14-19	<b>Survey Calculation Method:</b> Minimum Curvature
<b>Wellbore:</b> Wellbore #1	
<b>Design:</b> Plan #1	

<b>Project</b> Uintah County, UT	
<b>Map System:</b> US State Plane 1983	<b>System Datum:</b> Ground Level
<b>Geo Datum:</b> North American Datum 1983	
<b>Map Zone:</b> Utah Central Zone	

<b>Site</b> 1-25 Pad		
<b>Site Position:</b>	<b>Northing:</b> 7,018,208.25 ft	<b>Latitude:</b> 39° 34' 23.500 N
<b>From:</b> Lat/Long	<b>Easting:</b> 2,139,629.66 ft	<b>Longitude:</b> 109° 43' 43.800 W
<b>Position Uncertainty:</b> 0.0 ft	<b>Slot Radius:</b> "	<b>Grid Convergence:</b> 1.13 °

<b>Well</b> UTE Tribal 7-25-14-19			
<b>Well Position</b>	<b>+N/-S</b> 0.0 ft	<b>Northing:</b> 7,018,217.92 ft	<b>Latitude:</b> 39° 34' 23.590 N
	<b>+E/-W</b> 0.0 ft	<b>Easting:</b> 2,139,659.23 ft	<b>Longitude:</b> 109° 43' 43.420 W
<b>Position Uncertainty</b>	0.0 ft	<b>Wellhead Elevation:</b> 7,246.0 ft	<b>Ground Level:</b> 7,218.0 ft

<b>Wellbore</b> Wellbore #1					
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	12/31/09	11.27	65.52	52,221

<b>Design</b> Plan #1					
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0	
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.0	0.0	0.0	258.71	

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,346.7	14.93	258.71	1,338.2	-18.9	-94.9	2.00	2.00	0.00	258.71	
9,531.5	14.93	258.71	9,246.7	-431.9	-2,163.3	0.00	0.00	0.00	0.00	
10,527.1	0.00	0.00	10,231.0	-457.1	-2,289.8	1.50	-1.50	0.00	180.00	
11,984.1	0.00	0.00	11,688.0	-457.1	-2,289.8	0.00	0.00	0.00	0.00	

## Crescent Directional Drilling Planning Report

<b>Database:</b> EDM 2003.16 Single User Db	<b>Local Co-ordinate Reference:</b> Well UTE Tribal 7-25-14-19
<b>Company:</b> Whiting Oil & Gas	<b>TVD Reference:</b> Corrected @ 7246.0ft (Bronco (28' KB))
<b>Project:</b> Uintah County, UT	<b>MD Reference:</b> Corrected @ 7246.0ft (Bronco (28' KB))
<b>Site:</b> 1-25 Pad	<b>North Reference:</b> True
<b>Well:</b> UTE Tribal 7-25-14-19	<b>Survey Calculation Method:</b> Minimum Curvature
<b>Wellbore:</b> Wellbore #1	
<b>Design:</b> Plan #1	

**Planned Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>10 3/4"</b>									
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>KOP 600' MD 2/100'</b>									
700.0	2.00	258.71	700.0	-0.3	-1.7	1.7	2.00	2.00	0.00
800.0	4.00	258.71	799.8	-1.4	-6.8	7.0	2.00	2.00	0.00
900.0	6.00	258.71	899.5	-3.1	-15.4	15.7	2.00	2.00	0.00
1,000.0	8.00	258.71	998.7	-5.5	-27.3	27.9	2.00	2.00	0.00
1,100.0	10.00	258.71	1,097.5	-8.5	-42.7	43.5	2.00	2.00	0.00
1,200.0	12.00	258.71	1,195.6	-12.3	-61.4	62.6	2.00	2.00	0.00
1,300.0	14.00	258.71	1,293.1	-16.7	-83.4	85.1	2.00	2.00	0.00
1,346.7	14.93	258.71	1,338.3	-18.9	-94.9	96.8	2.00	2.00	0.00
<b>EOB Hold 14.9 Deg</b>									
1,400.0	14.93	258.71	1,389.8	-21.6	-108.4	110.5	0.00	0.00	0.00
1,500.0	14.93	258.71	1,486.4	-26.7	-133.6	136.3	0.00	0.00	0.00
1,600.0	14.93	258.71	1,583.0	-31.7	-158.9	162.0	0.00	0.00	0.00
1,700.0	14.93	258.71	1,679.6	-36.8	-184.2	187.8	0.00	0.00	0.00
1,800.0	14.93	258.71	1,776.3	-41.8	-209.4	213.6	0.00	0.00	0.00
1,900.0	14.93	258.71	1,872.9	-46.9	-234.7	239.3	0.00	0.00	0.00
2,000.0	14.93	258.71	1,969.5	-51.9	-260.0	265.1	0.00	0.00	0.00
2,100.0	14.93	258.71	2,066.1	-56.9	-285.3	290.9	0.00	0.00	0.00
2,175.4	14.93	258.71	2,139.0	-60.8	-304.3	310.3	0.00	0.00	0.00
<b>Wasatch</b>									
2,200.0	14.93	258.71	2,162.8	-62.0	-310.5	316.7	0.00	0.00	0.00
2,300.0	14.93	258.71	2,259.4	-67.0	-335.8	342.4	0.00	0.00	0.00
2,400.0	14.93	258.71	2,356.0	-72.1	-361.1	368.2	0.00	0.00	0.00
2,500.0	14.93	258.71	2,452.6	-77.1	-386.3	394.0	0.00	0.00	0.00
2,600.0	14.93	258.71	2,549.2	-82.2	-411.6	419.7	0.00	0.00	0.00
2,700.0	14.93	258.71	2,645.9	-87.2	-436.9	445.5	0.00	0.00	0.00
2,800.0	14.93	258.71	2,742.5	-92.3	-462.1	471.3	0.00	0.00	0.00
2,900.0	14.93	258.71	2,839.1	-97.3	-487.4	497.0	0.00	0.00	0.00
3,000.0	14.93	258.71	2,935.7	-102.4	-512.7	522.8	0.00	0.00	0.00
3,100.0	14.93	258.71	3,032.4	-107.4	-538.0	548.6	0.00	0.00	0.00
3,200.0	14.93	258.71	3,129.0	-112.4	-563.2	574.3	0.00	0.00	0.00
3,300.0	14.93	258.71	3,225.6	-117.5	-588.5	600.1	0.00	0.00	0.00
3,400.0	14.93	258.71	3,322.2	-122.5	-613.8	625.9	0.00	0.00	0.00
3,500.0	14.93	258.71	3,418.8	-127.6	-639.0	651.7	0.00	0.00	0.00
3,600.0	14.93	258.71	3,515.5	-132.6	-664.3	677.4	0.00	0.00	0.00
3,700.0	14.93	258.71	3,612.1	-137.7	-689.6	703.2	0.00	0.00	0.00
3,800.0	14.93	258.71	3,708.7	-142.7	-714.9	729.0	0.00	0.00	0.00
3,900.0	14.93	258.71	3,805.3	-147.8	-740.1	754.7	0.00	0.00	0.00
4,000.0	14.93	258.71	3,902.0	-152.8	-765.4	780.5	0.00	0.00	0.00
4,100.0	14.93	258.71	3,998.6	-157.8	-790.7	806.3	0.00	0.00	0.00
4,200.0	14.93	258.71	4,095.2	-162.9	-815.9	832.0	0.00	0.00	0.00
4,300.0	14.93	258.71	4,191.8	-167.9	-841.2	857.8	0.00	0.00	0.00
4,400.0	14.93	258.71	4,288.5	-173.0	-866.5	883.6	0.00	0.00	0.00
4,403.7	14.93	258.71	4,292.0	-173.2	-867.4	884.5	0.00	0.00	0.00
<b>Mesaverde</b>									

## Crescent Directional Drilling Planning Report

<b>Database:</b>	EDM 2003.16 Single User Db	<b>Local Co-ordinate Reference:</b>	Well UTE Tribal 7-25-14-19
<b>Company:</b>	Whiting Oil & Gas	<b>TVD Reference:</b>	Corrected @ 7246.0ft (Bronco (28' KB))
<b>Project:</b>	Uintah County, UT	<b>MD Reference:</b>	Corrected @ 7246.0ft (Bronco (28' KB))
<b>Site:</b>	1-25 Pad	<b>North Reference:</b>	True
<b>Well:</b>	UTE Tribal 7-25-14-19	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1		

**Planned Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,500.0	14.93	258.71	4,385.1	-178.0	-891.8	909.3	0.00	0.00	0.00
4,600.0	14.93	258.71	4,481.7	-183.1	-917.0	935.1	0.00	0.00	0.00
4,700.0	14.93	258.71	4,578.3	-188.1	-942.3	960.9	0.00	0.00	0.00
4,800.0	14.93	258.71	4,674.9	-193.2	-967.6	986.7	0.00	0.00	0.00
4,900.0	14.93	258.71	4,771.6	-198.2	-992.8	1,012.4	0.00	0.00	0.00
5,000.0	14.93	258.71	4,868.2	-203.3	-1,018.1	1,038.2	0.00	0.00	0.00
5,100.0	14.93	258.71	4,964.8	-208.3	-1,043.4	1,064.0	0.00	0.00	0.00
5,200.0	14.93	258.71	5,061.4	-213.3	-1,068.6	1,089.7	0.00	0.00	0.00
5,300.0	14.93	258.71	5,158.1	-218.4	-1,093.9	1,115.5	0.00	0.00	0.00
5,400.0	14.93	258.71	5,254.7	-223.4	-1,119.2	1,141.3	0.00	0.00	0.00
5,500.0	14.93	258.71	5,351.3	-228.5	-1,144.5	1,167.0	0.00	0.00	0.00
5,600.0	14.93	258.71	5,447.9	-233.5	-1,169.7	1,192.8	0.00	0.00	0.00
5,700.0	14.93	258.71	5,544.5	-238.6	-1,195.0	1,218.6	0.00	0.00	0.00
5,800.0	14.93	258.71	5,641.2	-243.6	-1,220.3	1,244.4	0.00	0.00	0.00
5,900.0	14.93	258.71	5,737.8	-248.7	-1,245.5	1,270.1	0.00	0.00	0.00
6,000.0	14.93	258.71	5,834.4	-253.7	-1,270.8	1,295.9	0.00	0.00	0.00
6,100.0	14.93	258.71	5,931.0	-258.7	-1,296.1	1,321.7	0.00	0.00	0.00
6,200.0	14.93	258.71	6,027.7	-263.8	-1,321.4	1,347.4	0.00	0.00	0.00
6,300.0	14.93	258.71	6,124.3	-268.8	-1,346.6	1,373.2	0.00	0.00	0.00
6,354.6	14.93	258.71	6,177.0	-271.6	-1,360.4	1,387.3	0.00	0.00	0.00
<b>Castlegate</b>									
6,400.0	14.93	258.71	6,220.9	-273.9	-1,371.9	1,399.0	0.00	0.00	0.00
6,500.0	14.93	258.71	6,317.5	-278.9	-1,397.2	1,424.7	0.00	0.00	0.00
6,598.8	14.93	258.71	6,413.0	-283.9	-1,422.1	1,450.2	0.00	0.00	0.00
<b>Mancos</b>									
6,600.0	14.93	258.71	6,414.2	-284.0	-1,422.4	1,450.5	0.00	0.00	0.00
6,700.0	14.93	258.71	6,510.8	-289.0	-1,447.7	1,476.3	0.00	0.00	0.00
6,800.0	14.93	258.71	6,607.4	-294.1	-1,473.0	1,502.0	0.00	0.00	0.00
6,900.0	14.93	258.71	6,704.0	-299.1	-1,498.2	1,527.8	0.00	0.00	0.00
7,000.0	14.93	258.71	6,800.6	-304.2	-1,523.5	1,553.6	0.00	0.00	0.00
7,100.0	14.93	258.71	6,897.3	-309.2	-1,548.8	1,579.4	0.00	0.00	0.00
7,104.9	14.93	258.71	6,902.0	-309.4	-1,550.0	1,580.6	0.00	0.00	0.00
<b>Mancos B</b>									
7,200.0	14.93	258.71	6,993.9	-314.2	-1,574.1	1,605.1	0.00	0.00	0.00
7,300.0	14.93	258.71	7,090.5	-319.3	-1,599.3	1,630.9	0.00	0.00	0.00
7,400.0	14.93	258.71	7,187.1	-324.3	-1,624.6	1,656.7	0.00	0.00	0.00
7,500.0	14.93	258.71	7,283.8	-329.4	-1,649.9	1,682.4	0.00	0.00	0.00
7,600.0	14.93	258.71	7,380.4	-334.4	-1,675.1	1,708.2	0.00	0.00	0.00
7,700.0	14.93	258.71	7,477.0	-339.5	-1,700.4	1,734.0	0.00	0.00	0.00
7,800.0	14.93	258.71	7,573.6	-344.5	-1,725.7	1,759.7	0.00	0.00	0.00
7,900.0	14.93	258.71	7,670.2	-349.6	-1,751.0	1,785.5	0.00	0.00	0.00
8,000.0	14.93	258.71	7,766.9	-354.6	-1,776.2	1,811.3	0.00	0.00	0.00
8,100.0	14.93	258.71	7,863.5	-359.6	-1,801.5	1,837.0	0.00	0.00	0.00
8,200.0	14.93	258.71	7,960.1	-364.7	-1,826.8	1,862.8	0.00	0.00	0.00
8,300.0	14.93	258.71	8,056.7	-369.7	-1,852.0	1,888.6	0.00	0.00	0.00
8,400.0	14.93	258.71	8,153.4	-374.8	-1,877.3	1,914.4	0.00	0.00	0.00
8,500.0	14.93	258.71	8,250.0	-379.8	-1,902.6	1,940.1	0.00	0.00	0.00
8,600.0	14.93	258.71	8,346.6	-384.9	-1,927.9	1,965.9	0.00	0.00	0.00
8,700.0	14.93	258.71	8,443.2	-389.9	-1,953.1	1,991.7	0.00	0.00	0.00
8,800.0	14.93	258.71	8,539.9	-395.0	-1,978.4	2,017.4	0.00	0.00	0.00
8,900.0	14.93	258.71	8,636.5	-400.0	-2,003.7	2,043.2	0.00	0.00	0.00
9,000.0	14.93	258.71	8,733.1	-405.1	-2,028.9	2,069.0	0.00	0.00	0.00
9,100.0	14.93	258.71	8,829.7	-410.1	-2,054.2	2,094.7	0.00	0.00	0.00

## Crescent Directional Drilling Planning Report

<b>Database:</b> EDM 2003.16 Single User Db	<b>Local Co-ordinate Reference:</b> Well UTE Tribal 7-25-14-19
<b>Company:</b> Whiting Oil & Gas	<b>TVD Reference:</b> Corrected @ 7246.0ft (Bronco (28' KB))
<b>Project:</b> Uintah County, UT	<b>MD Reference:</b> Corrected @ 7246.0ft (Bronco (28' KB))
<b>Site:</b> 1-25 Pad	<b>North Reference:</b> True
<b>Well:</b> UTE Tribal 7-25-14-19	<b>Survey Calculation Method:</b> Minimum Curvature
<b>Wellbore:</b> Wellbore #1	
<b>Design:</b> Plan #1	

**Planned Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,200.0	14.93	258.71	8,926.3	-415.1	-2,079.5	2,120.5	0.00	0.00	0.00
9,300.0	14.93	258.71	9,023.0	-420.2	-2,104.7	2,146.3	0.00	0.00	0.00
9,400.0	14.93	258.71	9,119.6	-425.2	-2,130.0	2,172.0	0.00	0.00	0.00
9,500.0	14.93	258.71	9,216.2	-430.3	-2,155.3	2,197.8	0.00	0.00	0.00
9,531.5	14.93	258.71	9,246.6	-431.9	-2,163.2	2,205.9	0.00	0.00	0.00
<b>Start Drop 1.5/100'</b>									
9,600.0	13.91	258.71	9,313.0	-435.2	-2,180.0	2,223.0	1.50	-1.50	0.00
9,700.0	12.41	258.71	9,410.4	-439.7	-2,202.3	2,245.8	1.50	-1.50	0.00
9,800.0	10.91	258.71	9,508.3	-443.6	-2,222.1	2,266.0	1.50	-1.50	0.00
9,900.0	9.41	258.71	9,606.7	-447.1	-2,239.4	2,283.6	1.50	-1.50	0.00
10,000.0	7.91	258.71	9,705.6	-450.0	-2,254.2	2,298.6	1.50	-1.50	0.00
10,100.0	6.41	258.71	9,804.8	-452.5	-2,266.4	2,311.1	1.50	-1.50	0.00
10,200.0	4.91	258.71	9,904.3	-454.4	-2,276.0	2,321.0	1.50	-1.50	0.00
10,300.0	3.41	258.71	10,004.0	-455.8	-2,283.1	2,328.2	1.50	-1.50	0.00
10,400.0	1.91	258.71	10,103.9	-456.7	-2,287.7	2,332.8	1.50	-1.50	0.00
10,500.0	0.41	258.71	10,203.9	-457.1	-2,289.7	2,334.9	1.50	-1.50	0.00
10,527.1	0.00	0.00	10,231.0	-457.1	-2,289.8	2,334.9	1.50	-1.50	0.00
<b>EOD Hold 0 Deg - Dakota Silt</b>									
10,600.0	0.00	0.00	10,303.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
10,620.1	0.00	0.00	10,324.0	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
<b>Dakota</b>									
10,700.0	0.00	0.00	10,403.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
10,723.1	0.00	0.00	10,427.0	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
<b>Cedar Mtn</b>									
10,800.0	0.00	0.00	10,503.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
10,838.1	0.00	0.00	10,542.0	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
<b>Buckhorn</b>									
10,900.0	0.00	0.00	10,603.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
10,919.1	0.00	0.00	10,623.0	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
<b>Morrison</b>									
11,000.0	0.00	0.00	10,703.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
11,100.0	0.00	0.00	10,803.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
11,200.0	0.00	0.00	10,903.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
11,300.0	0.00	0.00	11,003.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
11,400.0	0.00	0.00	11,103.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
11,480.1	0.00	0.00	11,184.0	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
<b>Curtis</b>									
11,500.0	0.00	0.00	11,203.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
11,585.1	0.00	0.00	11,289.0	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
<b>Entrada</b>									
11,600.0	0.00	0.00	11,303.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
11,700.0	0.00	0.00	11,403.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
11,800.0	0.00	0.00	11,503.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
11,900.0	0.00	0.00	11,603.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
11,924.1	0.00	0.00	11,628.0	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
<b>Carmel</b>									
11,984.0	0.00	0.00	11,687.9	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00
<b>11,984' MD</b>									
11,984.1	0.00	0.00	11,688.0	-457.1	-2,289.8	2,334.9	0.00	0.00	0.00

## Crescent Directional Drilling

### Planning Report

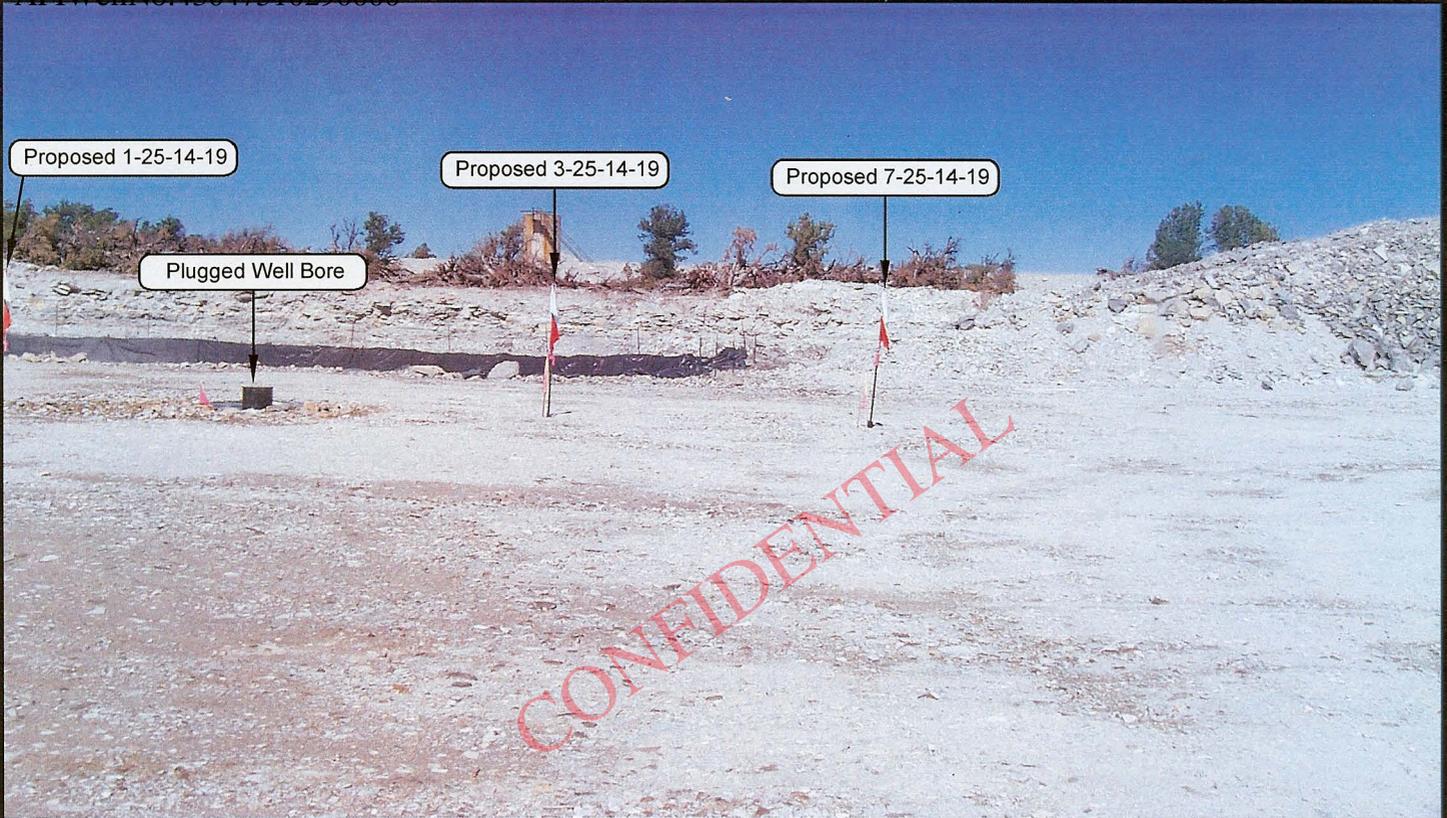
<b>Database:</b> EDM 2003.16 Single User Db	<b>Local Co-ordinate Reference:</b> Well UTE Tribal 7-25-14-19
<b>Company:</b> Whiting Oil & Gas	<b>TVD Reference:</b> Corrected @ 7246.0ft (Bronco (28' KB))
<b>Project:</b> Uintah County, UT	<b>MD Reference:</b> Corrected @ 7246.0ft (Bronco (28' KB))
<b>Site:</b> 1-25 Pad	<b>North Reference:</b> True
<b>Well:</b> UTE Tribal 7-25-14-19	<b>Survey Calculation Method:</b> Minimum Curvature
<b>Wellbore:</b> Wellbore #1	
<b>Design:</b> Plan #1	

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
Ute 7-15	0.00	0.00	11,688.0	-457.1	-2,289.8	7,017,715.54	2,137,378.96	39° 34' 19.070 N	109° 44' 12.664 W
- plan hits target - Circle (radius 100.0)									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
500.0	500.0	10 3/4"	10-3/4	12-1/4	

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
6,581.3	6,413.0	Mancos		0.00		
11,470.7	11,184.0	Curtis		0.00		
10,610.7	10,324.0	Dakota		0.00		
4,393.5	4,292.0	Mesaverde		0.00		
11,914.7	11,628.0	Carmel		0.00		
10,909.7	10,623.0	Morrison		0.00		
11,575.7	11,289.0	Entrada		0.00		
7,085.8	6,902.0	Mancos B		0.00		
10,517.7	10,231.0	Dakota Silt		0.00		
10,828.7	10,542.0	Buckhorn		0.00		
2,172.6	2,139.0	Wasatch		0.00		
10,713.7	10,427.0	Cedar Mtn		0.00		
6,337.9	6,177.0	Castlegate		0.00		

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
600.0	600.0	0.0	0.0	KOP 600' MD 2/100'	
1,346.7	1,338.3	-18.9	-94.9	EOB Hold 14.9 Deg	
9,531.5	9,246.6	-431.9	-2,163.2	Start Drop 1.5/100'	
10,527.1	10,231.0	-457.1	-2,289.8	EOD Hold 0 Deg	
11,984.0	11,687.9	-457.1	-2,289.8	11,984' MD	



CAMERA ANGLE: NORTHWESTERLY



PHOTO VIEW: FROM BEGINNING OF ROAD

CAMERA ANGLE: SOUTHERLY

**WHITING OIL AND GAS CORPORATION**

**Ute Tribal 7-25-14-19**

Other wells on this pad: Ute Tribal 1-25-14-19 &  
Ute Tribal 3-25-14-19

**SECTION 30, T14S, R20E, S.L.B.&M. (Surface)**

**LOCATION PHOTOS**

TAKEN BY: B.J.S.

DRAWN BY: M.W.W.

DATE TAKEN: 09-25-07

DATE DRAWN: 10-01-07

REVISED: 03-04-10 K.H.G.

*Timberline*

Engineering & Land Surveying, Inc.  
209 NORTH 300 WEST VERNAL, UTAH 84078

(435) 789-1365

SHEET

1

OF 10

# WHITING OIL AND GAS CORPORATION

## WELL PAD INTERFERENCE PLAT UTE TRIBAL 7-25-14-19, UTE TRIBAL 3-25-14-19 & UTE TRIBAL 1-25-14-19



**SURFACE POSITION FOOTAGES:**

UTE TRIBAL 7-25-14-19  
1590' FNL & 305' FWL

UTE TRIBAL 3-25-14-19  
1592' FNL & 289' FWL

UTE TRIBAL 1-25-14-19  
1596' FNL & 257' FWL

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

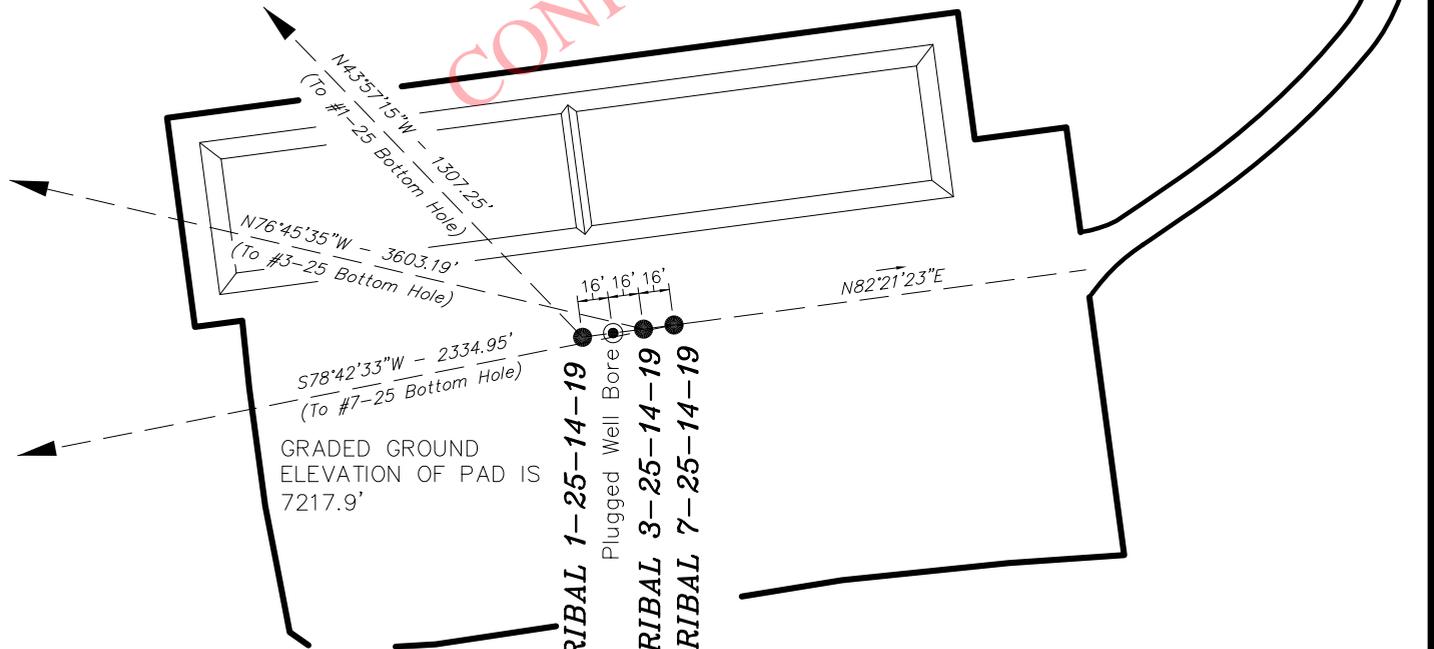
**BOTTOM HOLE FOOTAGES**

UTE TRIBAL 7-25-14-19  
1980' FNL & 1980' FEL

UTE TRIBAL 3-25-14-19  
660' FNL & 1980' FEL

UTE TRIBAL 1-25-14-19  
660' FNL & 660' FEL

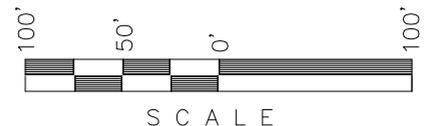
BASIS OF BEARINGS IS A LINE BETWEEN  
THE NORTHWEST CORNER AND THE  
NORTHEAST CORNER OF SECTION 30,  
T14S, R20E, S.L.B.&M. WHICH IS TAKEN  
FROM GLOBAL POSITIONING SATELLITE  
OBSERVATIONS TO BEAR N89°57'10"E.



LATITUDE & LONGITUDE		
Surface Position - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
7-25	39°34'23.59"	109°43'43.42"
3-25	39°34'23.57"	109°43'43.63"
1-25	39°34'23.53"	109°43'44.03"

LATITUDE & LONGITUDE		
Bottom Hole - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
7-25	39°34'19.07"	109°44'12.65"
3-25	39°34'31.72"	109°44'28.40"
1-25	39°34'32.83"	109°43'55.62"

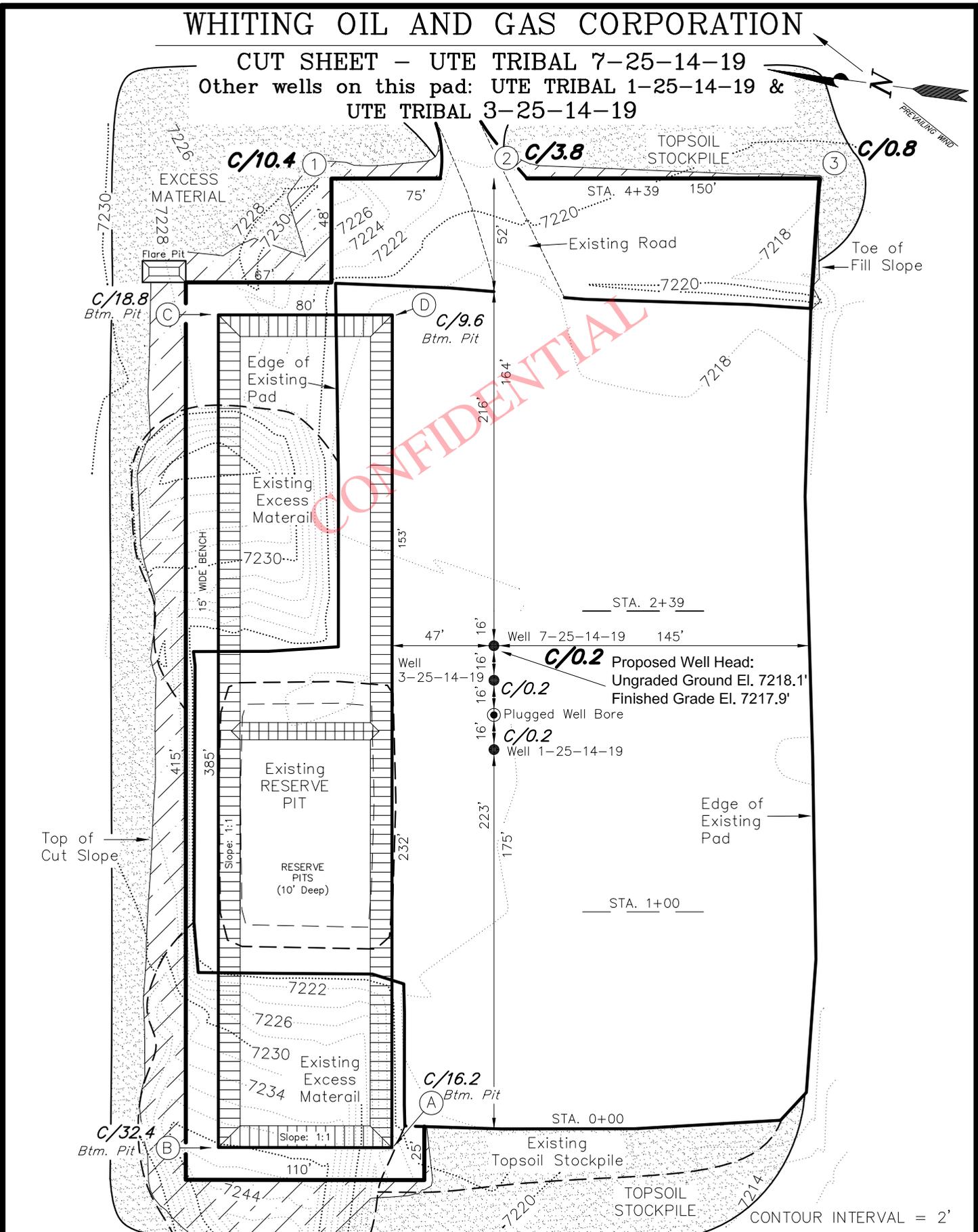
RELATIVE COORDINATES		
From Surface Position to Bottom Hole		
WELL	NORTH	EAST
7-25	-457'	-2,290'
3-25	825'	-3,507'
1-25	941'	-907'



# WHITING OIL AND GAS CORPORATION

## CUT SHEET - UTE TRIBAL 7-25-14-19

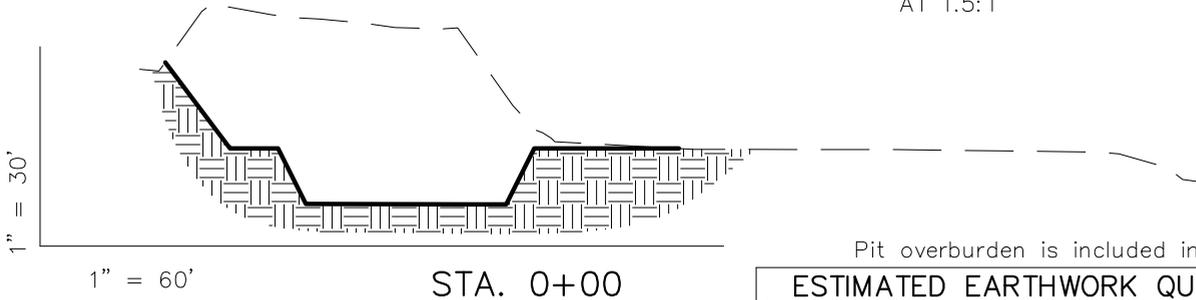
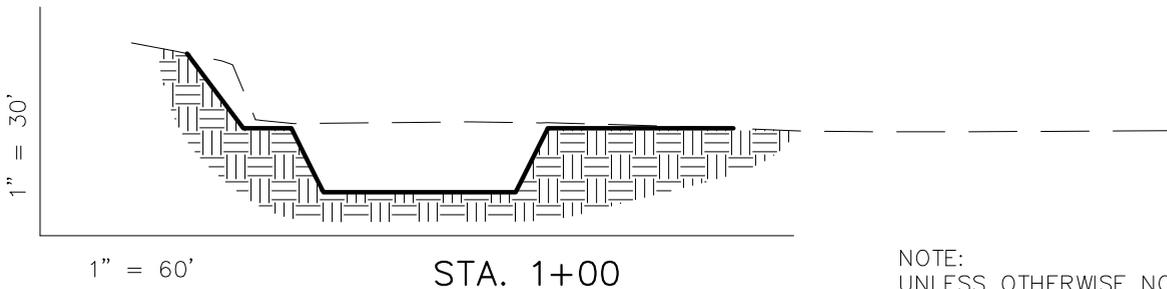
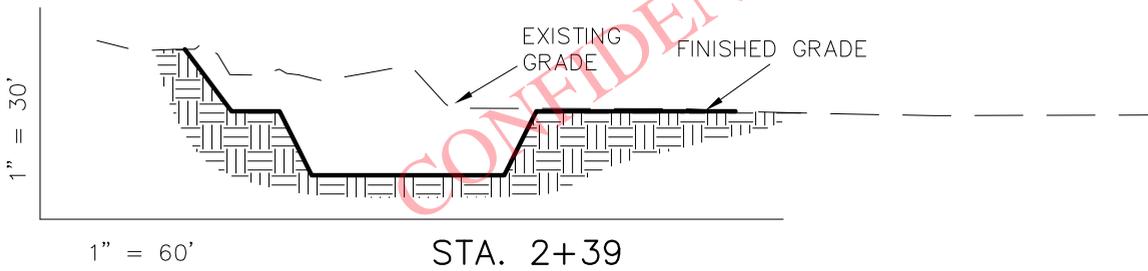
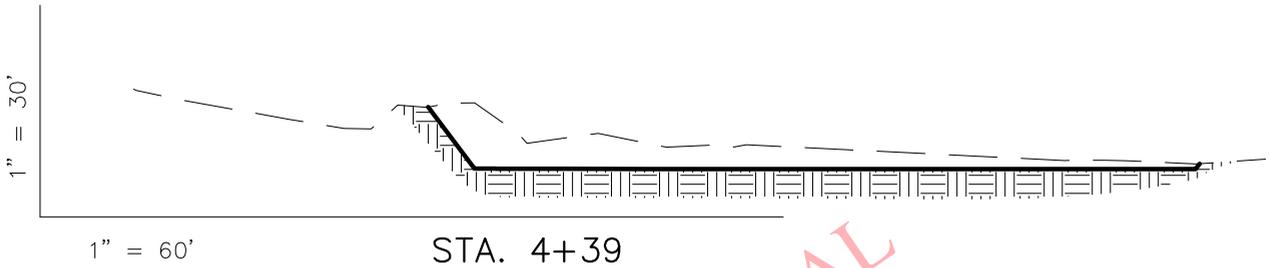
Other wells on this pad: UTE TRIBAL 1-25-14-19 & UTE TRIBAL 3-25-14-19



Section 30, T14S, R20E, S.L.B.&M.		Qtr/Qtr Location: LOT 2 (Surface)	
Date Surveyed: 09-25-07	Date Drawn: 09-28-07	Date Last Revision: 03-04-10 K.H.G.	<b>Timberline</b> (435) 789-1365 Engineering & Land Surveying, Inc. 209 NORTH 300 WEST VERNAL, UTAH 84078
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'	
			SHEET <b>4</b> OF 10

# WHITING OIL AND GAS CORPORATION

CROSS SECTIONS - UTE TRIBAL 7-25-14-19  
 Other wells on this pad: UTE TRIBAL 1-25-14-19 &  
 UTE TRIBAL 3-25-14-19



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

Pit overburden is included in pad cut.

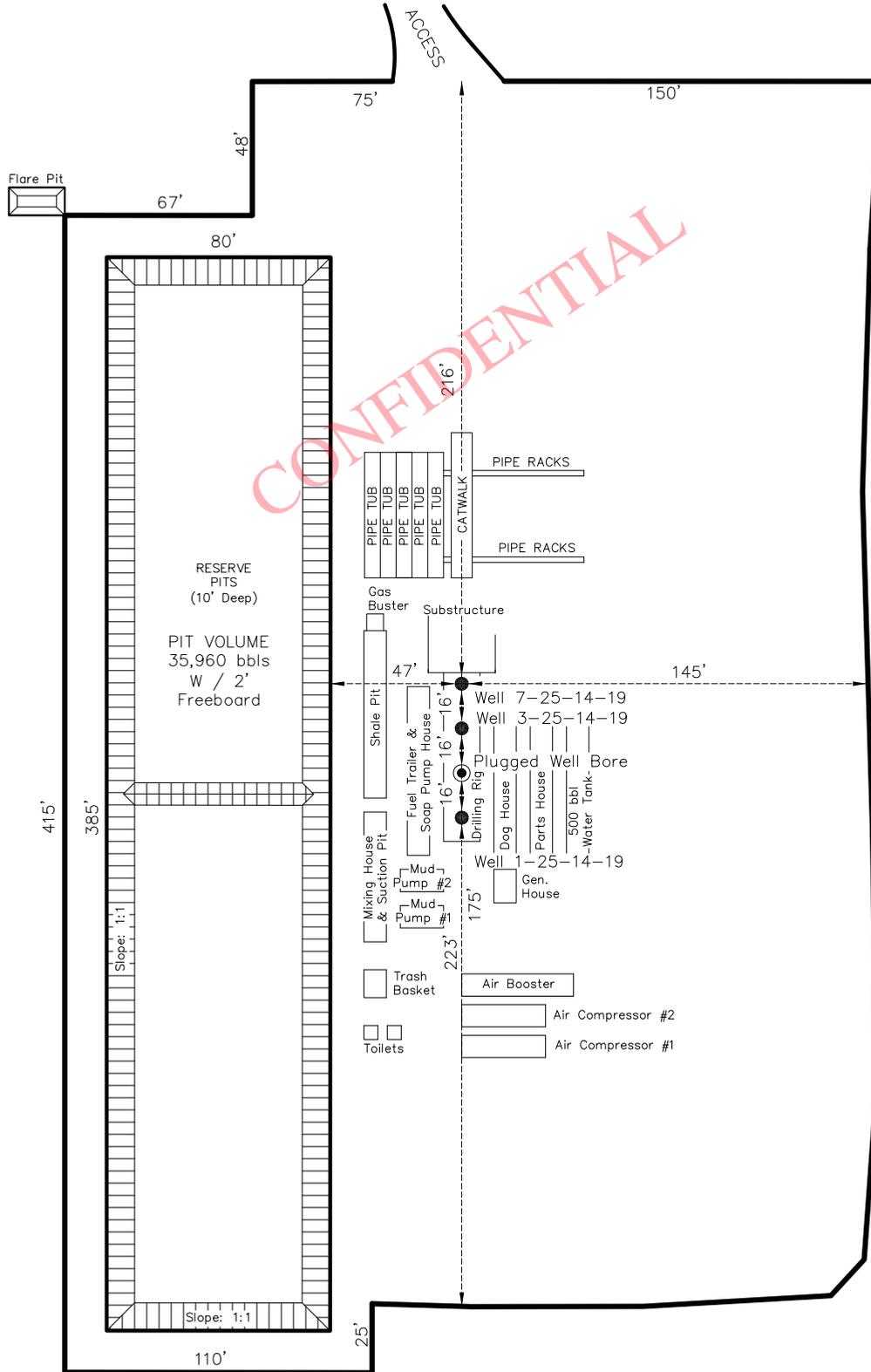
ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	9,860	370	Topsoil is not included in Pad Cut	9,490
PIT	9,680	0		9,680
TOTALS	19,540	370	960	19,170

Excess Material after Pit Rehabilitation = 9,490 Cu. Yds.

# WHITING OIL AND GAS CORPORATION

## TYPICAL RIG LAYOUT – UTE TRIBAL 7-25-14-19

Other wells on this pad: UTE TRIBAL 1-25-14-19 &  
UTE TRIBAL 3-25-14-19



Section 30, T14S, R20E, S.L.B.&M. Qtr/Qtr Location: LOT 2 (Surface)

Date Surveyed: 09-25-07 Date Drawn: 09-28-07 Date Last Revision: 03-04-10 K.H.G.

Surveyed By: B.J.S. Drawn By: M.W.W. Scale: 1" = 60'

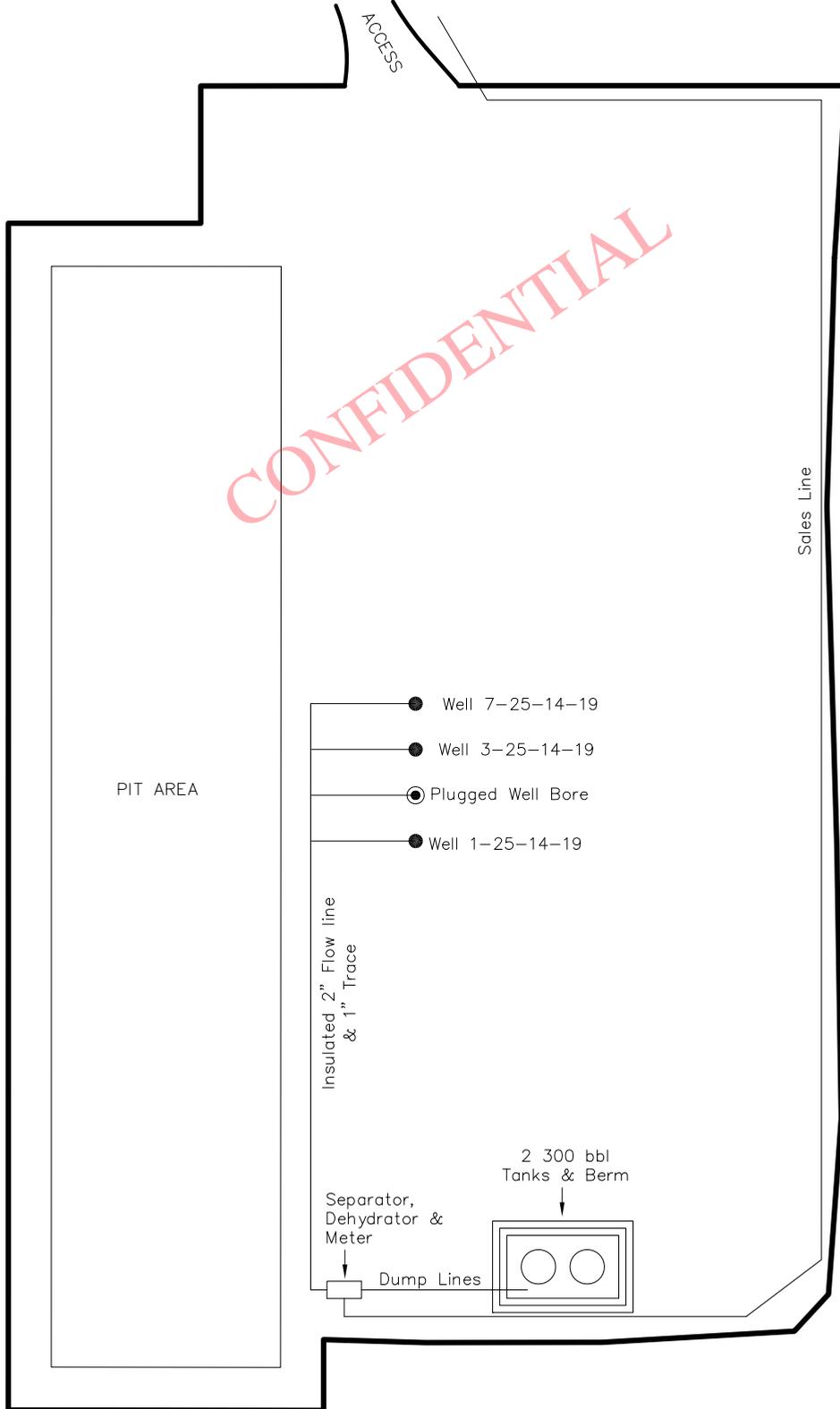
**Timberline** (435) 789-1365  
Engineering & Land Surveying, Inc.  
209 NORTH 300 WEST VERNAL, UTAH 84078

SHEET  
**6**  
OF 10

# WHITING OIL AND GAS CORPORATION

## TYPICAL PRODUCTION LAYOUT – UTE TRIBAL 7-25-14-19

Other wells on this pad: UTE TRIBAL 1-25-14-19 &  
UTE TRIBAL 3-25-14-19



CONFIDENTIAL

Section 30, T14S, R20E, S.L.B.&M.		Qtr/Qtr Location: LOT 2 (Surface)		<b>Timberline</b> (435) 789-1365 <i>Engineering &amp; Land Surveying, Inc.</i> 209 NORTH 300 WEST VERNAL, UTAH 84078	SHEET <span style="font-size: 2em;">7</span> OF 10
Date Surveyed: 09-25-07	Date Drawn: 09-28-07	Date Last Revision: 03-04-10 K.H.G.			
Surveyed By: B.J.S..	Drawn By: M.W.W.	Scale: 1" = 60'			



## WESTERN LAND SERVICES

March 19, 2010

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

RE: Whiting Oil and Gas Corporation (Whiting) Requests Permission to Drill the Ute Tribal 7-25-14-19 well

Diana:

Pursuant to Rule R649-3-11 of the State's Oil & Gas Conservation regulations, Whiting hereby makes application for approval to drill the Ute Tribal 7-25-14-19 well situated in Township 14 South – Range 20 East; Section 30: SW/NW (1,590' FNL – 305' FWL) on lands administered by the Department of Interior – Bureau of Land Management (BLM). The surface is Ute Tribal lands and the minerals are also held by the tribe. The tribe has leased the minerals out to Whiting under lease number 2OG000581.

Whiting proposes to drill the Ute Tribal 7-25-14-19 well to a total depth of 11,984 feet and is an exception to Rule R649-3-3. Whiting is the only leasehold owner and operator within a 460 foot radius of the bore hole.

Whiting proposes to use a directional drilling program for the Ute Tribal 7-25-14-19 well with a bottom hole location of Township 14 South-Range 19 East; Section 25: SW/ NE (1980' FNL – 1,980' FEL). This well is situated outside of the legal drilling window due to the steep terrain of the area. Other alternatives were identified but the proposed access route and well location provides the most environmentally sensitive options. Attached hereto is a plat as required by the Commissions rules and regulations.

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

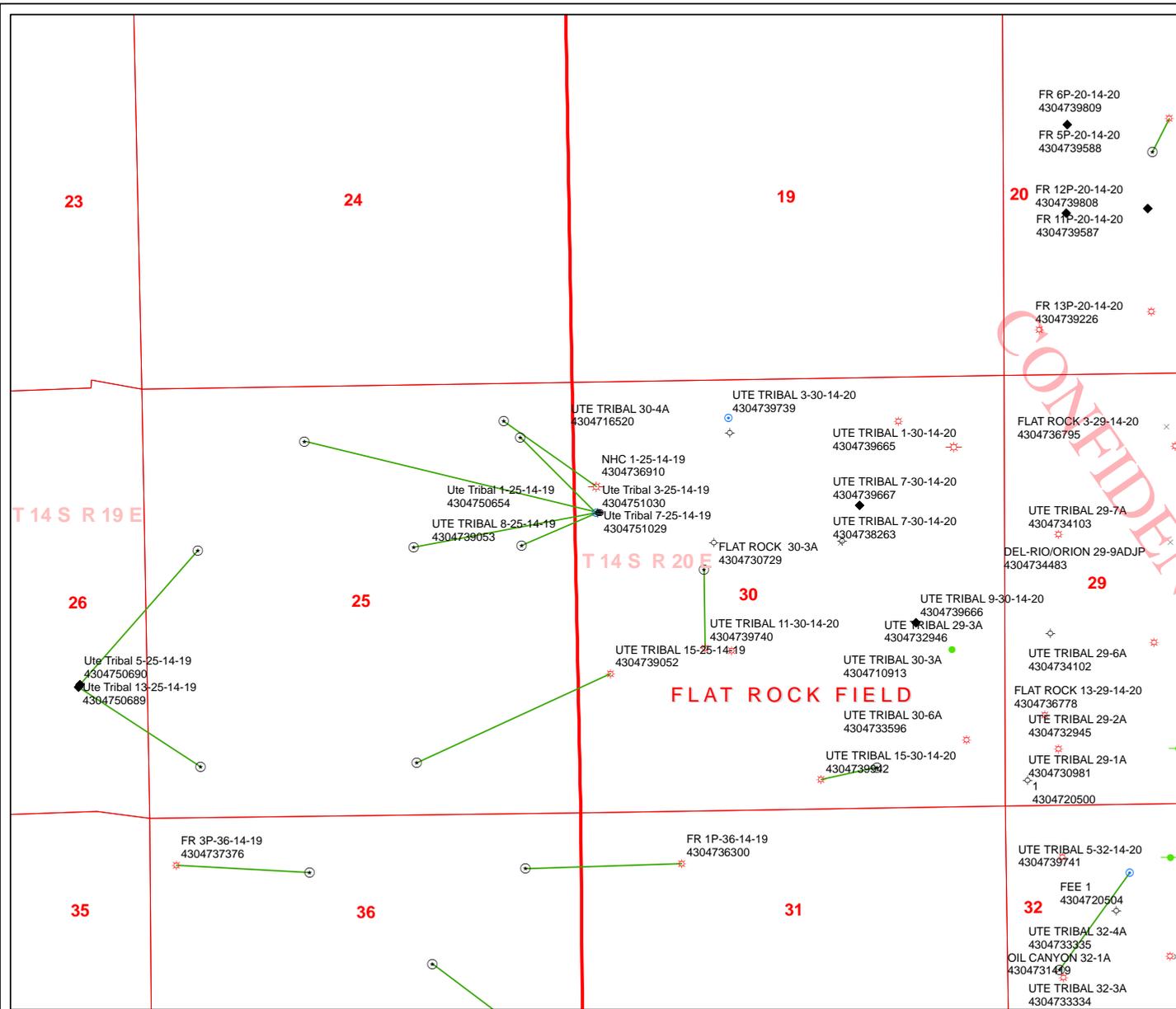
Respectfully submitted,

Terri Hartle, Western Land Services  
Designated Agent for Whiting Oil and Gas Corporation

WESTERN LAND SERVICES - UTAH DIVISION

195 North 100 East, Suite 201 • Richfield, UT 84701 • Phone: (435) 896-5501 • Fax: (435) 896-5515

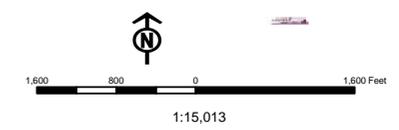
Web: [www.westernls.com](http://www.westernls.com)



**API Number: 4304751029**  
**Well Name: Ute Tribal 7-25-14-19**  
**Township 14.0 S Range 20.0 E Section 30**  
**Meridian: SLBM**  
**Operator: WHITING OIL & GAS CORPORATION**

Map Prepared:  
 Map Produced by Diana Mason

- |               |  |
|---------------|--|
| <b>Units</b>  | <b>Wells Query</b>                           |
| <b>STATUS</b> | <b>Status</b>                                |
| ACTIVE        | <input type="checkbox"/> -call other values- |
| EXPLORATORY   | APD - Approved Permit                        |
| GAS STORAGE   | DRL - Spudded (Drilling Commenced)           |
| NF PP OIL     | GIW - Gas Injection                          |
| NF SECONDARY  | GS - Gas Storage                             |
| PI OIL        | LA - Location Abandoned                      |
| PP GAS        | LOC - New Location                           |
| PP GEOTHERM   | OPS - Operation Suspended                    |
| PP OIL        | PA - Plugged Abandoned                       |
| SECONDARY     | PGW - Producing Gas Well                     |
| TERMINATED    | POW - Producing Oil Well                     |
| <b>Fields</b> | RET - Returned APD                           |
| Sections      | SGW - Shut-in Gas Well                       |
| Township      | SOW - Shut-in Oil Well                       |
|               | TA - Temp. Abandoned                         |
|               | TW - Test Well                               |
|               | WDW - Water Disposal                         |
|               | WIW - Water Injection Well                   |
|               | WSW - Water Supply Well                      |



CONFIDENTIAL

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

**APD RECEIVED:** 3/19/2010

**API NO. ASSIGNED:** 43047510290000

**WELL NAME:** Ute Tribal 7-25-14-19

**OPERATOR:** WHITING OIL & GAS CORPORATION (N2680)

**PHONE NUMBER:** 435 896-5501

**CONTACT:** Terri Hartle

**PROPOSED LOCATION:** SWNW 30 140S 200E

**Permit Tech Review:**

**SURFACE:** 1590 FNL 0305 FWL

**Engineering Review:**

**BOTTOM:** 1980 FNL 1980 FEL

**Geology Review:**

**COUNTY:** UINTAH

**LATITUDE:** 39.57319

**LONGITUDE:** -109.72801

**UTM SURF EASTINGS:** 609254.00

**NORTHINGS:** 4380951.00

**FIELD NAME:** FLAT ROCK

**LEASE TYPE:** 2 - Indian

**LEASE NUMBER:** 2OG0005581

**PROPOSED PRODUCING FORMATION(S):** CARMEL

**SURFACE OWNER:** 2 - Indian

**COALBED METHANE:** NO

**RECEIVED AND/OR REVIEWED:**

- PLAT
- Bond: INDIAN - RLB0011681
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: Ute Tribal 30-4A #14-20-H62-5069
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

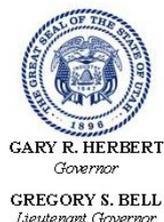
**Commingling Approved**

**LOCATION AND SITING:**

- R649-2-3.
- Unit:**
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No:** R649-3-11
- Effective Date:**
- Siting:**
- R649-3-11. Directional Drill

**Comments:** Presite Completed

**Stipulations:** 4 - Federal Approval - dmason  
15 - Directional - dmason  
23 - Spacing - dmason



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Ute Tribal 7-25-14-19  
**API Well Number:** 43047510290000  
**Lease Number:** 2OG0005581  
**Surface Owner:** INDIAN  
**Approval Date:** 3/25/2010

### Issued to:

WHITING OIL & GAS CORPORATION, 1700 Broadway, Suite 2300, Denver, CO 80290

### Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the CARMEL Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

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

### 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.

### Conditions of Approval:

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

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

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.

### Notification Requirements:

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

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

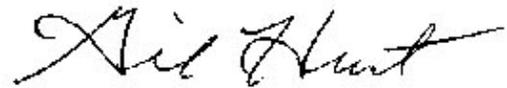
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

**Approved By:**



Gil Hunt  
Associate Director, Oil & Gas

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## MAR 15 2010

Form 3160-3  
(August, 2007)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

### APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>2 OG 0005581</b>
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>Ute Indian Tribe</b>
2. Name of Operator <b>Whiting Oil and Gas Corporation</b>		7. If Unit or CA Agreement, Name and No. <b>NA</b>
3a. Address <b>1700 Broadway, Suite 2300 Denver, Colorado 80290-2300</b>		8. Lease Name and Well No. <b>Ute Tribal 7-25-14-19</b>
3b. Phone No. (include area code) <b>(303) 390-4095</b>		9. API Well No. <b>43-047-51029</b>
4. Location of well (Report location clearly and in accordance with any State requirements. *) At surface <b>1590' 305' Lot 2 Lat. 39°34'23.59" Long. 109° 43'43.42"</b> <b>FNL FWL</b> At proposed prod. zone <b>1980' FNL 1980' FEL, 25-T14S - R19E</b>		10. Field and Pool, or Exploratory <b>Flat Rock</b>
14. Distance in miles and direction from the nearest town or post office* <b>87 miles southwest of Vernal, Utah</b>		11. Sec., T., R., M., or Blk. and Survey or Area <b>30 T 14S R 20E</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any) <b>1980'</b>		12. County or Parish <b>Uintah</b>
16. No. of acres in lease <b>640</b>		13. State <b>Utah</b>
17. Spacing Unit dedicated to this well <b>40</b>		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>1720'</b>
19. Proposed Depth <b>11984' MD &amp; 11688' TVD</b>		20. BLM/ BIA Bond No. on file <b>BIA Bond# RLB-0011681</b>
21. Elevations (Show whether DF, RT, GR, etc.) <b>7220' GR 7248' KB</b>		22. Approximate date work will start* <b>Upon Approval</b>
		23. Estimated duration <b>45-60 Days</b>

#### 24. Attachments

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

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

25. Signature 	Name (Printed/ Typed) <b>Scott M. Webb</b>	Date <b>3/10/2010</b>
Title <b>Regulatory Coordinator</b>		
Approved By (Signature) 	Name (Printed/ Typed) <b>James H. Sparger</b>	Date <b>JUN 07 2010</b>
Title <b>ACTING Assistant Field Manager Lands &amp; Mineral Resources</b>	Office <b>VERNAL FIELD OFFICE</b>	

# RECEIVED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

## JUN 15 2010

Conditions of approval, if any, are attached.

### CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

## NOTICE OF APPROVAL \*(Instructions on page 2)

# UDOGM

No NOS

10CS 0035A



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

<b>Company:</b>	Whiting Oil and Gas Corporation	<b>Location:</b>	Lot 2, Sec. 30, T14S, R20E
<b>Well No:</b>	Ute Tribal 7-25-14-19	<b>Lease No:</b>	2OG0005581
<b>API No:</b>	43-047-51029	<b>Agreement:</b>	N/A

**OFFICE NUMBER: (435) 781-4400**

**OFFICE FAX NUMBER: (435) 781-3420**

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

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

**NOTIFICATION REQUIREMENTS**

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:ut_vn_opreport@blm.gov">ut_vn_opreport@blm.gov</a> .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**Well Numbers:** Ute Tribal 3-25-14-19 and 7-25-14-19

Additional Stipulations:

- 1) Paint all production facilities, not otherwise regulated (OSHA, etc.), Olive Black.

General Conditions of Approval:

- A 30' foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- Prior to completing the well and producing oil or gas, the operator shall obtain approval for off lease storage and measurement.
- Gamma Ray Log shall be run from Total Depth to Surface.
- A formation integrity test shall be performed at the surface casing shoe and the intermediate casing shoe.
- Electronic/mechanical mud monitoring equipment shall be required, from surface casing shoe to TD, which shall include as a minimum: pit volume totalizer (PVT); stroke counter; and flow sensor.

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

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

<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> 2OG0005581
<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> Ute In  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 7-25-14-19
<b>2. NAME OF OPERATOR:</b> WHITING OIL & GAS CORPORATION	<b>9. API NUMBER:</b> 43047510290000
<b>3. ADDRESS OF OPERATOR:</b> 1700 Broadway, Suite 2300 , Denver, CO, 80290 2300	<b>PHONE NUMBER:</b> 303 390-4095 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1590 FNL 0305 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 30 Township: 14.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/1/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

Whiting Oil & Gas Corporation is requesting an extension on this APD as we are waiting on a resolution to some Federal lease issues that are tied to the drilling of this well. Our Geologists are also evaluating the target location and zone.

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

Date: 03/15/2011  
 By: 

<b>NAME (PLEASE PRINT)</b> Terri Hartle	<b>PHONE NUMBER</b> 435 896-5501	<b>TITLE</b> Admin/Regulatory (Western Land Services)
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/14/2011



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

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047510290000**

**API:** 43047510290000

**Well Name:** UTE TRIBAL 7-25-14-19

**Location:** 1590 FNL 0305 FWL QTR SWNW SEC 30 TWP 140S RNG 200E MER S

**Company Permit Issued to:** WHITING OIL & GAS CORPORATION

**Date Original Permit Issued:** 3/25/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

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

**Signature:** Terri Hartle

**Date:** 3/14/2011

**Title:** Admin/Regulatory (Western Land Services) **Representing:** WHITING OIL & GAS CORPORATION



GARY R. HERBERT  
*Governor*

GREG 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*

June 15, 2012

Whiting Oil & Gas Corporation  
1700 Broadway, Suite 2300  
Denver, CO 80290-2300

Re: APD Rescinded – Ute Tribal 7-25-14-19, Sec. 30, T.14S, R.20E,  
Uintah County, Utah API No. 43-047-51029

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on March 25, 2010. On March 15, 2011 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective June 15, 2012.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason  
Environmental Scientist

cc: Well File  
Bureau of Land Management, Vernal



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Green River District  
Vernal Field Office  
170 South 500 East  
Vernal, UT 84078

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



JAN 24 2014

IN REPLY REFER TO:  
3160 (UTG011)

Scott M. Webb  
Whiting Petroleum Corporation  
1700 Broadway, Suite 2300  
Denver, CO 80290-2300

43 047 51029

Re: Notice of Expiration  
Well No. Ute Tribal 7-25-14-19  
Lot 2, Sec. 30, T14S, R20E  
Uintah County, Utah  
Lease No. 2OG0005581

RECEIVED

FEB 14 2014

DIV. OF OIL, GAS & MINING

Dear Mr. Webb:

The Application for Permit to Drill (APD) for the above-referenced well was approved on June 7, 2010. No extension of the original APD was requested. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka  
Assistant Field Manager  
Lands & Mineral Resources

cc: UDOGM  
BIA

bcc: Well File  
I&E Asst.