

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: DRILL REENTER
1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

2. Name of Operator
PETROGLYPH OPERATING CO., INC.

3a. Address **P.O. BOX 607,
ROOSEVELT, UT 84066**

3b. Phone No. (Include area code)
(435)722-2531

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface **1971' FSL, 215' FWL** ^{562007X} **NW/SW** ^{40.015840}
At Bottom Hole: **1944' FSL, 615' FWL** ^{4429558Y}
At proposed prod. Zone ^{562129X} **4429550Y** ^{40.015759} **-110.273438**

14. Distance in miles and direction from nearest town or post office*
12.8 MILES SOUTHWEST OF BRIDGELAND, UTAH

15. Distance from proposed* location to nearest property or lease line, ft. **215'**
(Also to nearest drig. Unit line, if any)

16. No. of Acres in lease
640

17. Spacing Unit dedicated to this well
80

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. **See Topo Map "C"**

19. Proposed Depth
5744'

20. BLM/BIA Bond No. on file
BO 4556

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6180.1 FEET GRADED GROUND

22. Approximate date work will start*
UPON APPROVAL

23. Estimated duration
45 DAYS

5. Lease Serial No.
14-20-H62-3519

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

7. If Unit or CA Agreement, Name and No.
UTE TRIBAL

8. Lease Name and Well No.
UTE TRIBAL 30-12

9. API Well No.
43-013-34294

10. Field and Pool, or Exploratory
ANTELOPE CREEK

11. Sec., T., R., M., or Blk. and Survey or Area
**SEC. 30, T5S, R3W,
U.S.B.&M.**

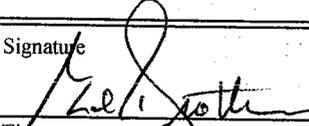
12. County or Parish
DUCHESNE

13. State
UTAH

24. Attachments

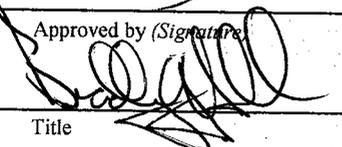
The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

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

25. Signature

Title
Agent

Name (Printed/Typed)
Ed Trotter

Date
September 9, 2009

Approved by (Signature)

Title

Name (Printed/Typed)
**BRADLEY G. HILL
ENVIRONMENTAL MANAGER**
Office

Date
02-03-10

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.
Conditions of Approval, if any, are attached.

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

*(Continued on page 2)

Federal Approval of this
Action is Necessary

RECEIVED

NOV 24 2009

DIV. OF OIL, GAS & MINING

Petroglyph Operating Co., Inc.
P.O. Box 607
Roosevelt, UT 84066

September 9, 2009

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

RE: APPLICATION FOR PERMIT TO DRILL
UTE TRIBAL 30-12
NW/SW, SECTION 30, T5S, R3W
DUCHESNE COUNTY, UTAH
LEASE NO. BIA 14-20-H62-3519
UTE INDIAN TRIBAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Due to topography, this well will be directionally drilled to a legal location at the producing formation.

Please address further communication regarding this matter (including approval) to:

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone: (435)789-4120
Fax: (435)789-1420

Sincerely,



Ed Trotter

Agent
Petroglyph Operating Co., Inc.

Attachments

BLM-POCI

RECEIVED
NOV 24 2009
DIV. OF OIL, GAS & MINING

EIGHT POINT PLAN

**UTE TRIBAL 30-12
NW/SW, SEC. 30, T5S, R3W
DUCHESNE COUNTY, UTAH**

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

FORMATIONS	DEPTH	SUBSEA
Mahogany Shale	2427	3753
"X" Marker	3980	2200
Douglas Creek	4120	2060
"B" Limestone	4497	1683
B/Castle Peak Limestone	5044	1136
Total Depth	5744	
Anticipated BHP	2344	

2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS FORMATIONS:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Oil/Gas	Douglas Creek	4120	2060
Oil/Gas	B/Castle Peak	5044	1136

Other mineral zones N/A

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

Hole	Casing	Top – MD	Bottom – MD	Weight lb/ft	Grade	Thread
18"	14"	sfc	40'	steel	cond	none
12 1/4"	8 5/8"	sfc	480'	24.0	J-55	STC
7 7/8"	5 1/2"	sfc	5744'	15.5	J-55	LTC

Casing Strengths:				Collapse	Burst	Tensile
8 5/8"	24.0 lb.	J-55	STC	1,370 psi	2,950 psi	263,000 lb
5 1/2"	15.5 lb.	J-55	LTC	4,040 psi	4,810 psi	239,000 lb

All casing will be new or inspected.

EIGHT POINT PLAN

**UTE TRIBAL 30-12
NW/SW, SEC. 30, T5S, R3W
DUCHESNE COUNTY, UTAH**

5. MUD PROGRAM

INTERVAL

0' - 480'
480' - TD

MUD TYPE

Air/Aerated Water
Water & KCL water or KCL substitute
Gel/polyacrylamide polymer w/5-10% LCM, LSND as conditions warrant

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

6. CEMENT PROGRAM:

14" Conductor:

Cement to surface with construction cement.

8 5/8" Casing: sfc-480'

Lead Slurry: 0' - 480': 137 sks (248 cu ft) Light cement + 0.25 lb/sk
Kwik Seal + 0.125 lb/sk Poly-E-Flake. Slurry wt: 13.5 ppg, Slurry yield: 1.81 ft³/sk,
Slurry volume: 12-1/4" hole + 25% excess. (Cement will be circulated to surface).

5 1/2" Casing: sfc-5744'

Lead Slurry: sfc-4000': 230 sx Light Cement (11 ppg±, 3.81 ft³/sk) plus LCM (hole + 25% excess).

Tail Slurry:

4000'-5744': 311 sx 50/50 Pozmix (14 ppg±, 1.25ft³/sk) + 2% Gel + 5% Salt + 0.125 lb/sk
Poly-E-flake (hole + 25% excess). (Cement will be circulated to surface).

7. VARIANCE REQUESTS:

A. Petroglyph Operating Company, Inc. requests a variance to regulations requiring a straight run blooie line.

B. Petroglyph Operating Company, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.

8. EVALUATION PROGRAM:

Logs: Platform Express TD to base of surface casing
(DLL, MSFL, CNG, CDL, GR)

Cores: None anticipated
DST: None Programmed

Completion: To be submitted at a later date.

EIGHT POINT PLAN

**UTE TRIBAL 30-12
NW/SW, SEC. 30, T5S, R3W
DUCHESNE COUNTY, UTAH**

9. ABNORMAL CONDITIONS:

None anticipated.

10. STANDARD REQUIRED EQUIPMENT:

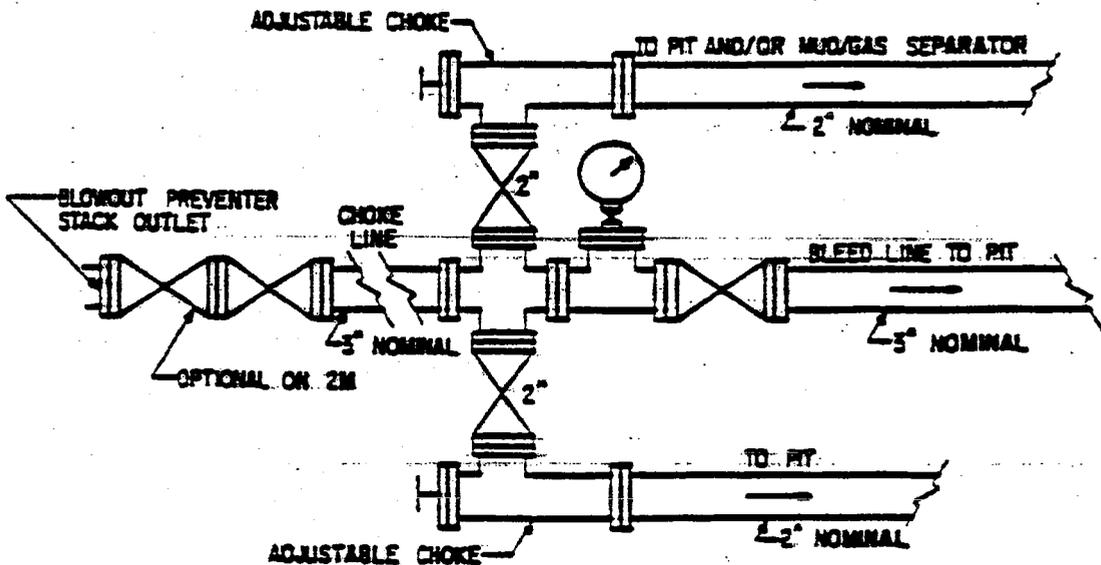
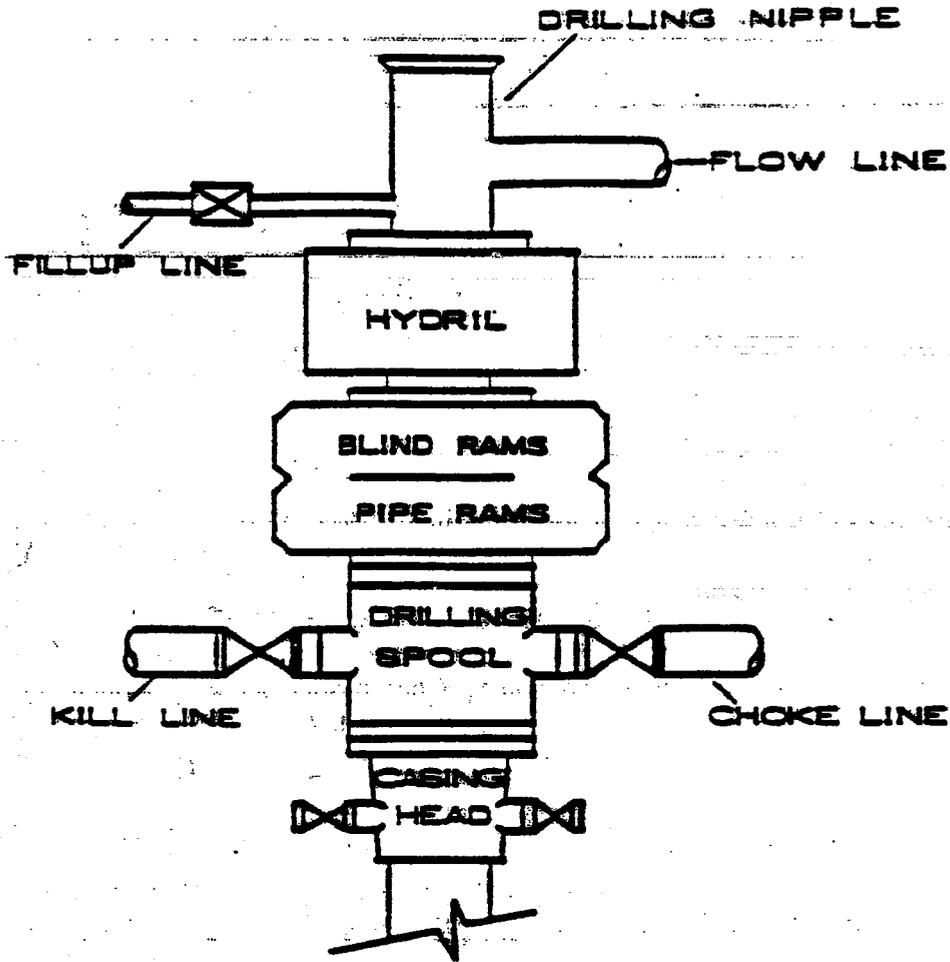
None Required

11. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

SCHEMATIC DIAGRAM OF 2000 PSI BOP STACK



Petroglyph Energy, Inc.

Duchesne Co., UT

Sec.30-T5S-R3W

UTE TRIBAL #30-12

Wellbore #1

Plan: Plan #1

Pathfinder Planning Report

26 October, 2009

The logo for Pathfinder, featuring the word "PATHFINDER" in a bold, sans-serif font. A thick black line starts under the "F" and curves under the "I" and "N" to underline the entire word.

Database: EDM 2003.16 Single User Db
Company: Petroglyph Energy, Inc.
Project: Duchesne Co., UT
Site: Sec.30-T5S-R3W
Well: UTE TRIBAL #30-12
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well UTE TRIBAL #30-12
TVD Reference: WELL @ 6193.0ft (Original Well Elev)
MD Reference: WELL @ 6193.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Duchesne Co., UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Sec.30-T5S-R3W				
Site Position:		Northing:	7,176,824.05 ft	Latitude:	40° 0' 56.810 N
From:	Lat/Long	Easting:	1,983,705.97 ft	Longitude:	110° 16' 27.270 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.79 °

Well	UTE TRIBAL #30-12					
Well Position	+N/-S	0.0 ft	Northing:	7,176,824.05 ft	Latitude:	40° 0' 56.810 N
	+E/-W	0.0 ft	Easting:	1,983,705.97 ft	Longitude:	110° 16' 27.270 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,183.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	10/26/2009	11.59	65.78	52,411

Design	Plan #1				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	5,600.0	0.0	0.0	90.00	

Plan Sections										
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	
1,007.7	5.10	90.00	1,007.1	0.0	18.1	1.25	1.25	0.00	90.00	
4,012.4	5.10	90.00	4,000.0	0.0	285.0	0.00	0.00	0.00	0.00	0.00 Target #1 - #30-12
5,618.8	5.10	90.00	5,600.0	0.0	427.7	0.00	0.00	0.00	0.00	PBHL UTE TRIBAL #

Database: EDM 2003.16 Single User Db
Company: Petroglyph Energy, Inc.
Project: Duchesne Co., UT
Site: Sec.30-T5S-R3W
Well: UTE TRIBAL #30-12
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well UTE TRIBAL #30-12
TVD Reference: WELL @ 6193.0ft (Original Well Elev)
MD Reference: WELL @ 6193.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,500.0	5.10	90.00	5,481.7	0.0	417.1	417.1	0.00	0.00	0.00
5,600.0	5.10	90.00	5,581.3	0.0	426.0	426.0	0.00	0.00	0.00
TD at 5618.8 - PBHL UTE TRIBAL #30-12									
5,618.8	5.10	90.00	5,600.0	0.0	427.7	427.7	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Target #1 - #30-12 - plan hits target - Point	0.00	0.00	4,000.0	0.0	285.0	7,176,827.95	1,983,990.94	40° 0' 56.810 N	110° 16' 23.607 W
PBHL UTE TRIBAL #30- - plan hits target - Point	0.00	0.00	5,600.0	0.0	427.7	7,176,829.91	1,984,133.63	40° 0' 56.810 N	110° 16' 21.772 W

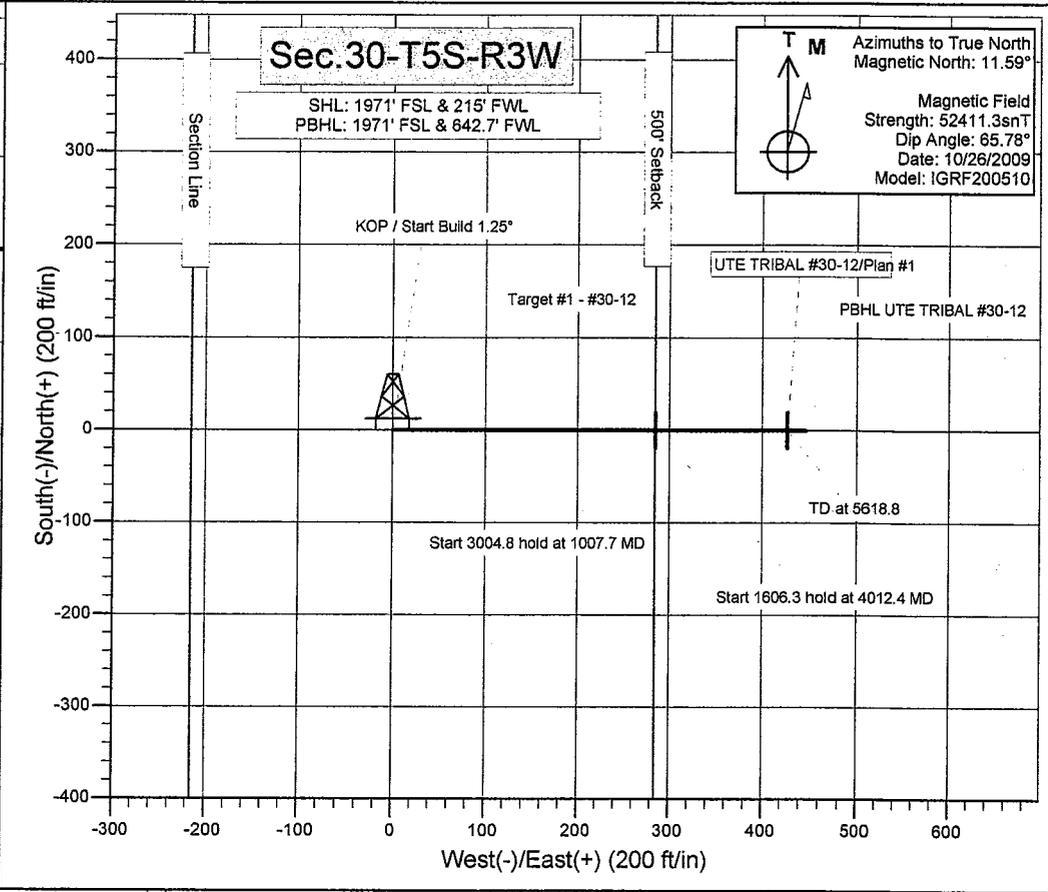
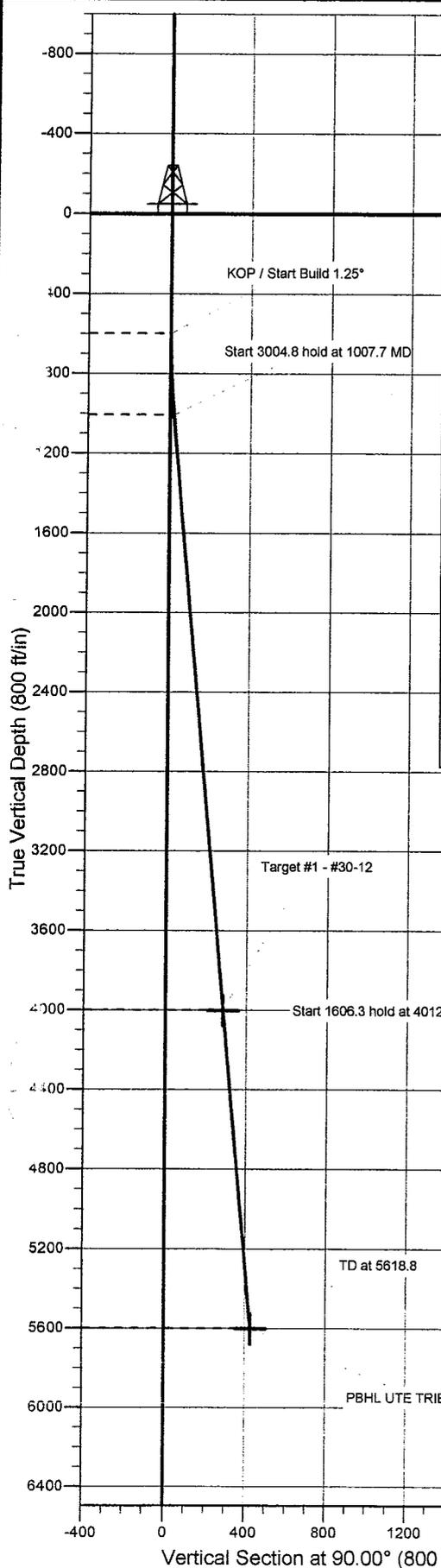
Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
600.0	600.0	0.0	0.0	KOP / Start Build 1.25°
1,007.7	1,007.1	0.0	18.1	Start 3004.8 hold at 1007.7 MD
4,012.4	4,000.0	0.0	285.0	Start 1606.3 hold at 4012.4 MD
5,618.8	5,600.0	0.0	427.7	TD at 5618.8

Company: Petroglyph Energy, Inc.
 Project: Duchesne Co., UT
 Site: Sec.30-T5S-R3W
 Well: UTE TRIBAL #30-12
 Wellbore: Wellbore #1



Plan: Plan #1 (UTE TRIBAL #30-12/Wellbore #1)



Sec.30-T5S-R3W

SHL: 1971' FSL & 215' FWL
 PBHL: 1971' FSL & 642.7' FWL

UTE TRIBAL #30-12/Plan #1

PBHL UTE TRIBAL #30-12

TD at 5618.8

Start 1606.3 hold at 4012.4 MD

Start 3004.8 hold at 1007.7 MD

Target #1 - #30-12

500' Seaback

Section Line

KOP / Start Build 1.25°

Azimuths to True North
 Magnetic North: 11.59°

Magnetic Field
 Strength: 52411.3snT
 Dip Angle: 65.78°
 Date: 10/26/2009
 Model: IGRF200510

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1007.7	5.10	90.00	1007.1	0.0	18.1	1.25	90.00	18.1	
4	4012.4	5.10	90.00	4000.0	0.0	285.0	0.00	0.00	285.0	Target #1 - #30-12
5	5618.8	5.10	90.00	5600.0	0.0	427.7	0.00	0.00	427.7	PBHL UTE TRIBAL #30-12

WELL DETAILS: UTE TRIBAL #30-12							
+N/-S	+E/-W	Northing	Ground Level: 6183.0	Easting	Latitude	Longitude	Slot
0.0	0.0	7176824.05	1983705.97	40° 0' 56.810 N	110° 16' 27.270 W		

WELLBORE TARGET DETAILS (LAT/LONG)							
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape	
Target #1 - #30-12	4000.0	0.0	285.0	40° 0' 56.810 N	110° 16' 23.607 W	Point	
PBHL UTE TRIBAL #30-12	5600.0	0.0	427.7	40° 0' 56.810 N	110° 16' 21.772 W	Point	

ANNOTATIONS		
TVD	MD	Annotation
600.0	600.0	KOP / Start Build 1.25°
1007.1	1007.7	Start 3004.8 hold at 1007.7 MD
4000.0	4012.4	Start 1606.3 hold at 4012.4 MD
5600.0	5618.8	TD at 5618.8

Vertical Section at 90.00° (800 ft/in)

**CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Petroglyph Operating Co. Inc.
Well Name & Number: Ute Tribal #30-12
Lease Number: BIA 14-20-H62-3519
Location: 1971' FSL & 215' FWL, NW/SW,
At Bottom Hole: 1944' FSL & 615' FWL, NW/SW,
Sec. 30, T5S, R3W, U.S.B.&M.,
Duchesne County, Utah
Surface Ownership: Ute Indian Tribe

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to spudding the well.

Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production Notice well - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 12.8 miles southwest of Bridgeland, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 300 feet in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, Petroglyph Operating Co., Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. **LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

- A. Water wells - 1*
- B. Abandoned wells - 1*
- C. Producing wells - 2*
- D. Shut in wells - 1*
- E. Injection wells - 1*

(*See attached TOPO map "C" for location)

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

A. **ON WELL PAD**

- 1. Tank batteries - None
- 2. Production facilities - To be submitted later
- 3. Oil gathering lines - None
- 4. Gas gathering lines - None
- 5. Injection lines - None
- 6. Disposal lines - None
- 7. Surface pits - None

B. **OFF WELL PAD**

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.
- 3. A 41/2" OD steel above ground production pipeline will be laid approximately 100' from proposed location to a point in the NW/SW of Section 30, T5S, R3W, where it will tie into Petroglyph Operating Co. Inc.'s existing pipeline. Pipeline is to be buried under the access road. Proposed pipeline crosses Ute Tribe lands, thus a Right-of-Way grant will be required. See attached TOPO Map "D" showing pipeline route.
- 4. Proposed pipeline will be a 4 1/2 " OD steel, welded line laid on the surface.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the

largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the West side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities required will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Desert Tan.

5. **LOCATION & TYPE OF WATER SUPPLY**

- A. Water supply will be from Target Trucking's Roosevelt Brine Storage and/or Target's water source in SE ¼, Sec. 1, T4S, R5W, Duchesne, Utah (State Water Right #43-10152). All water will come from a non-depletable source.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. **SOURCE OF CONSTRUCTION MATERIAL**

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Ute Tribal Land.
- C. No mineral materials will be required.

7. **METHODS OF HANDLING WASTE DISPOSAL**

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
- 4. Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for the AO's approval.

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.

- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

Burning of trash will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

On BIA administered land:

All reserve pits will be lined with either native clay, commercial bentonite or plastic sufficient to prevent seepage. (If a plastic nylon reinforced liner is used, it shall be torn and perforated after the pit dries and before backfilling of the reserve pit).

A 12 mill liner shall be installed in the reserve pit.

- ___ To protect the environment:
 - If the reserve pit is lined, the operator will provide the BIA with a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements described by Part II, Standards of Quality for Waters of the State, Wastewater Disposal Regulations, State of Utah Division of Health, the contents and liner will be removed and disposed of at an authorized disposal site.
- ___ To protect the environment (without chemical analysis), reserve pits will be constructed so as not to leak, break, or allow discharge of liquids.
- ___ Storage tanks will be used if drill sites are located on tribal irrigable land, flood plains, or on lands under crop production. After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

7. **ANCILLARY FACILITIES**

- No airstrips or camps are planned for this well.

9. **WELLSITE LAYOUT**

- A. Refer to attached well site plat for related topography cuts and fills and cross Sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the East side of the location. The flare pit will be located downwind of the prevailing wind direction on the East side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored on the West end of the location.

Access to the well pad will be from the South.

X Corner #8 will be rounded off to minimize excavation. Other corners will be rounded as needed.

10. **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BIA or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in

any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Tribal land, or any fence between Tribal land and private land, the operator will contact the BIA, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

11. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion (weather permitting). Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, fluid, and hydrocarbons, will be removed.

Contact appropriate surface management agency for required seed mixture.

B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BIA will attach the appropriate surface rehabilitation conditions of approval.

ON BIA ADMINISTERED LANDS:

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) re-establishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and, (c) ensuring re-vegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

12. SURFACE OWNERSHIP

Access road: Ute Indian Tribe

Location: Ute Indian Tribe

13. **OTHER INFORMATION**

A. Petroglyph Operating Co., Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used.
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, Petroglyph Operating Co., Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BIA, or the appropriate County Extension Office. On BIA administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Tribal Lands after the conclusion of drilling operations or at any other time without BIA authorization. However, if BIA authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

On BIA administered land:

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit

will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way authorization". All operators, subcontractors, vendors, and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved right-of-way will be obtained from the BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the BIA before cutting firewood or other timber products, and (e) only authorized personnel permitted. All well site locations on the Uintah and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footage or the quarter-quarter section, the section, township, and range).

14. **Additional Surface Stipulations**

None

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Telephone: (435)789-4120
Fax: (435)789-1420

OPERATIONS

Jason Bywater
P.O. Box 607
Roosevelt, UT 84066
(435)722-2531
(435)722-9145

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. Petroglyph Operating Co., Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The BIA office shall be notified upon site completion prior to moving on the drilling rig.

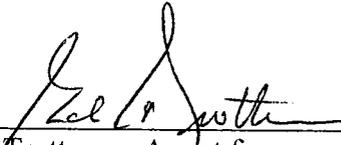
Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Petroglyph Operating Co., Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that Petroglyph Operating Co., Inc. is considered to be the operator of the **UTE TRIBAL 30-12 Well, located in the NW/SW of Section 30, T5S, R3W, Duchesne County, Utah; Lease #14-20-H62-3519;** and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #BO 4556.

9-9-2009

Date



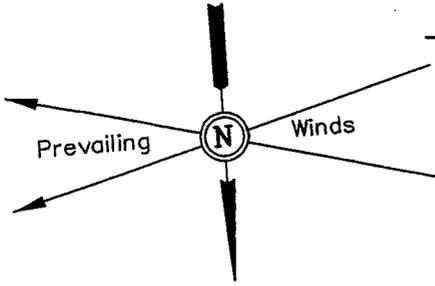
Ed Trotter, as Agent for
Petroglyph Operating Co., Inc.

PETROGLYPH OPERATING CO., INC.

FIGURE #1

LOCATION LAYOUT FOR

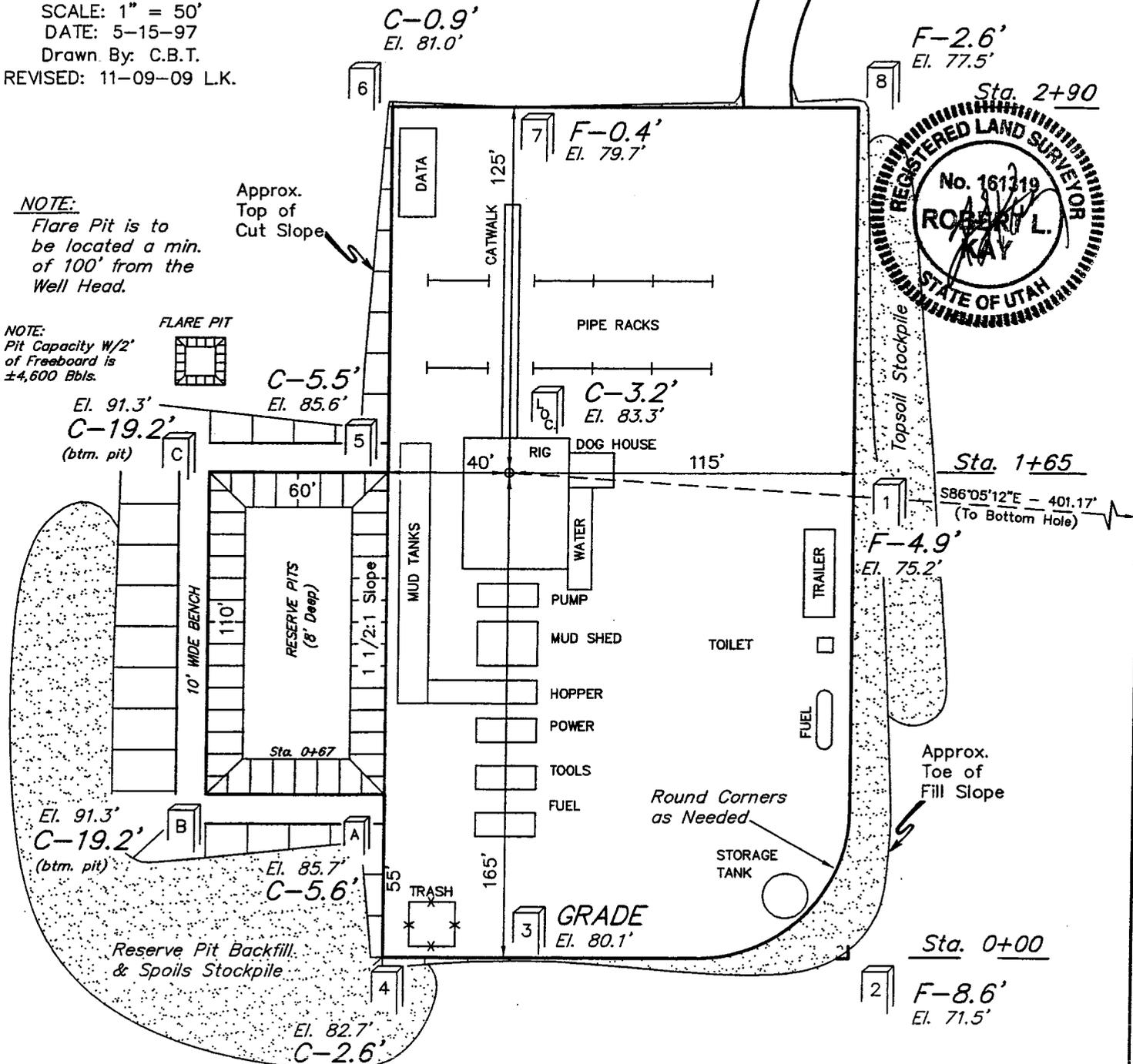
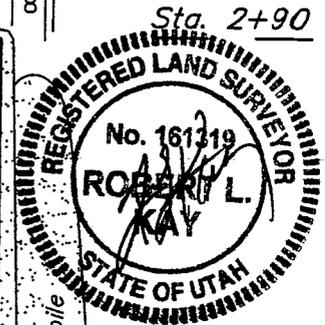
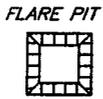
UTE TRIBAL #30-12
SECTION 30, T5S, R3W, U.S.B.&M.
1971' FSL 215' FWL



SCALE: 1" = 50'
DATE: 5-15-97
Drawn By: C.B.T.
REVISED: 11-09-09 L.K.

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

NOTE:
Pit Capacity W/2' of Freeboard is ±4,600 Bbls.



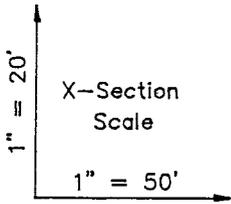
Elev. Ungraded Ground at Location Stake = 6183.3'

Elev. Graded Ground at Location Stake = 6180.1'

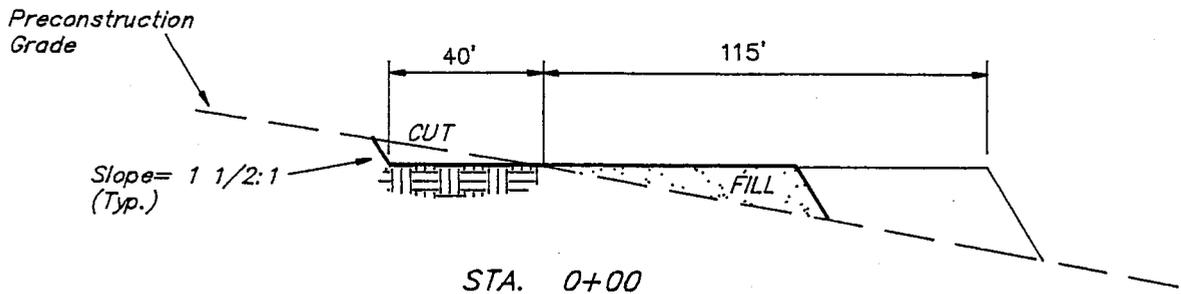
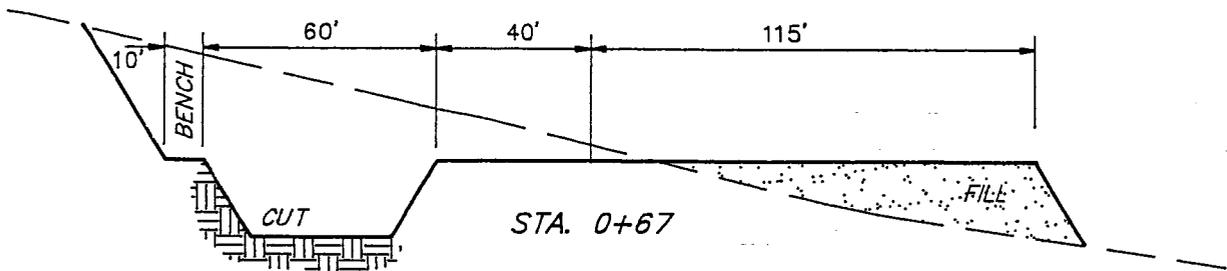
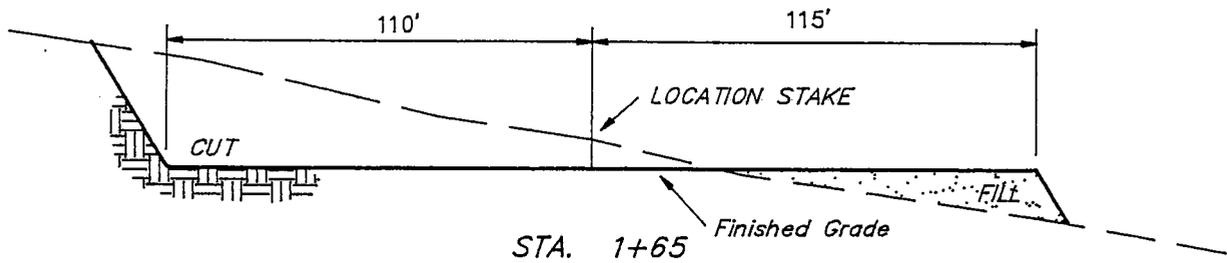
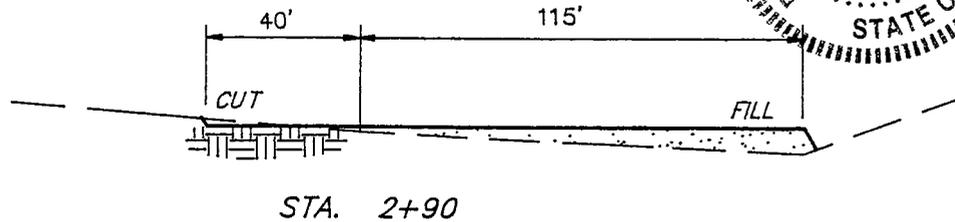
PETROGLYPH OPERATING CO., INC.

TYPICAL CROSS SECTIONS FOR

UTE TRIBAL #30-12
SECTION 30, T5S, R3W, U.S.B.&M.
1971' FSL 215' FWL



DATE: 5-15-97
Drawn By: C.B.T.

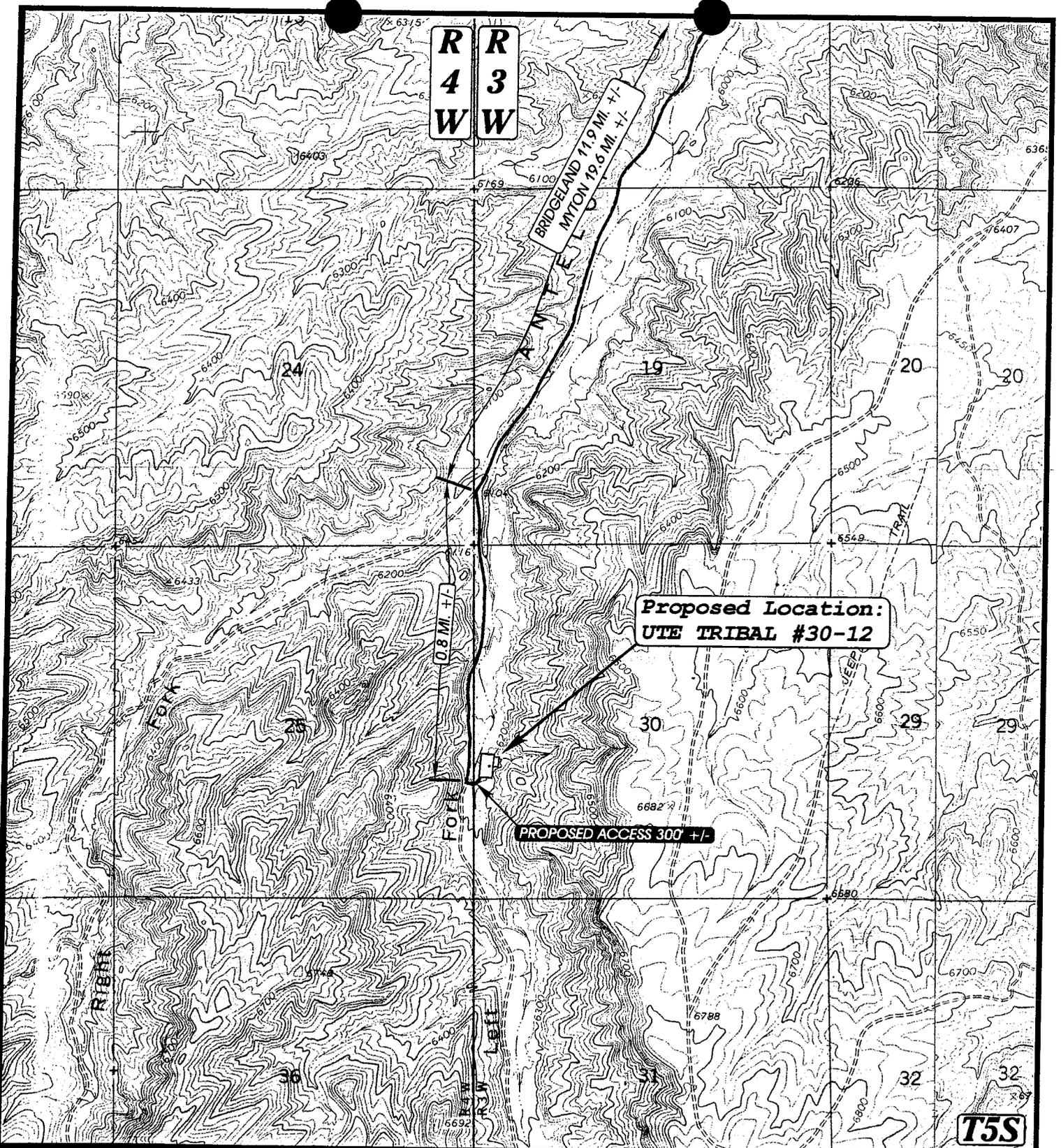


NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

(12") Topsoil Stripping	=	1,910 Cu. Yds.
Remaining Location	=	5,630 Cu. Yds.
TOTAL CUT	=	7,540 CU.YDS.
FILL	=	4,680 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	2,610 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,610 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.



UELS

**TOPOGRAPHIC
MAP "B"**

DATE: 5-15-97
Drawn by: D.COX

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

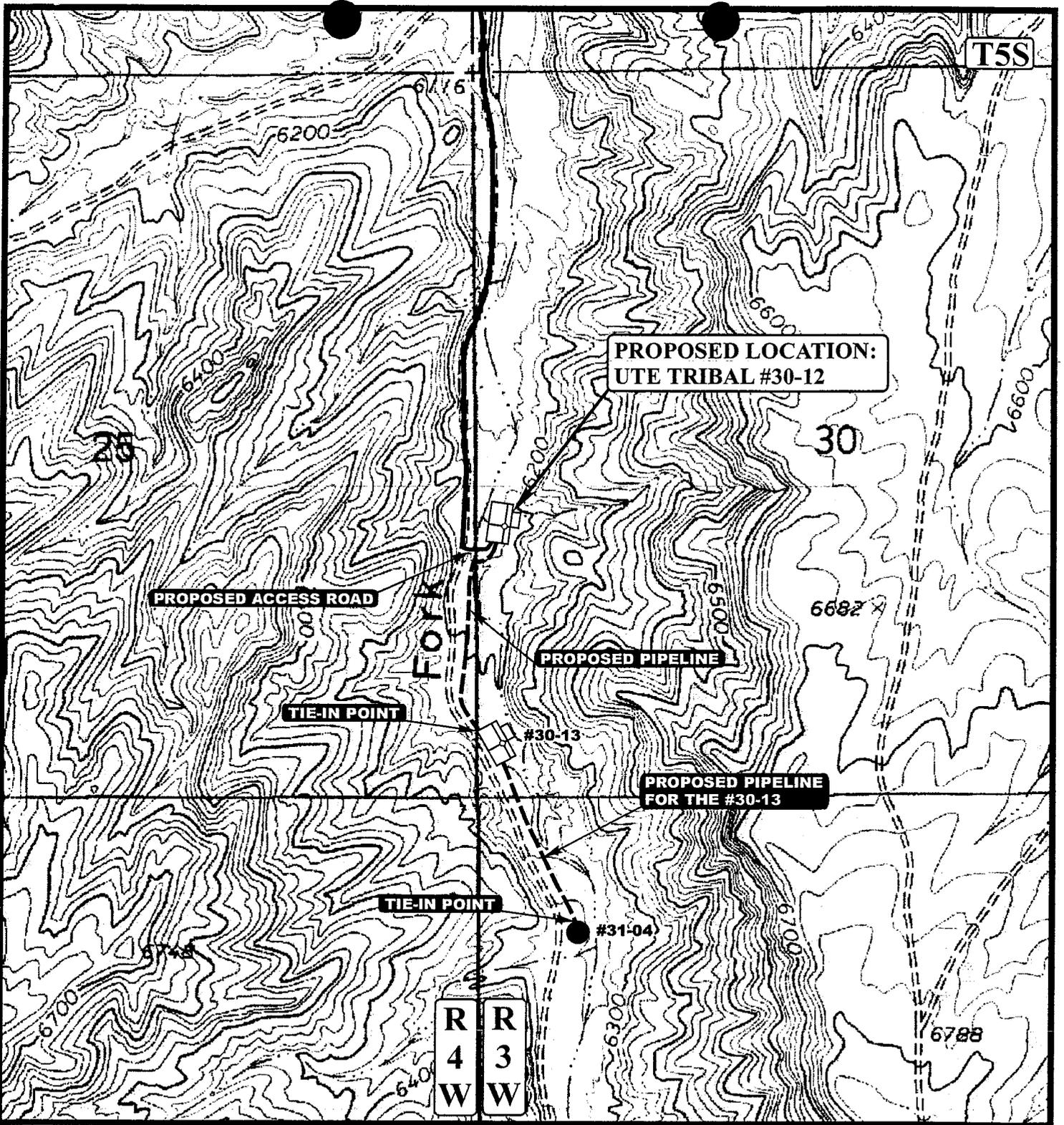


SCALE: 1" = 2000'

PETROGLYPH OPERATING CO., INC.

**UTE TRIBAL #30-12
SECTION 30, T5S, R3W, U.S.B.&M.
1971' FSL 215' FWL**

T5S



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,505' +/-

LEGEND:

	PROPOSED ACCESS ROAD
	EXISTING PIPELINE
	PROPOSED PIPELINE
	PROPOSED PIPELINE (SERVICING OTHER WELLS)

PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #30-12
SECTION 30, T5S, R3W, U.S.B.&M.
1971' FSL 215' FWL

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



TOPOGRAPHIC MAP 07 14 09
MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: J.H. REVISED: 00-00-00 **D TOPO**

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/24/2009

API NO. ASSIGNED: 43-013-34294

WELL NAME: UTE TRIBAL 30-12
 OPERATOR: PETROGLYPH OPERATING CO (N3800)
 CONTACT: ED TROTTER

PHONE NUMBER: 435-722-2531

PROPOSED LOCATION:

NWSW 30 050S 030W
 SURFACE: 1971 FSL 0215 FWL
 BOTTOM: 1944 FSL 0615 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.01584 LONGITUDE: -110.27344
 UTM SURF EASTINGS: 562007 NORTHINGS: 4429558
 FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian
 LEASE NUMBER: 14-20-H62-3519
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: CSLPK
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[2] Sta[] Fee[]
(No. BO 4556)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10152)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS: _____

STIPULATIONS: _____
 1- *Surface Approval*
 2- *Spacing Strip*

API Number: 4301334294

Well Name: UTE TRIBAL 30-12

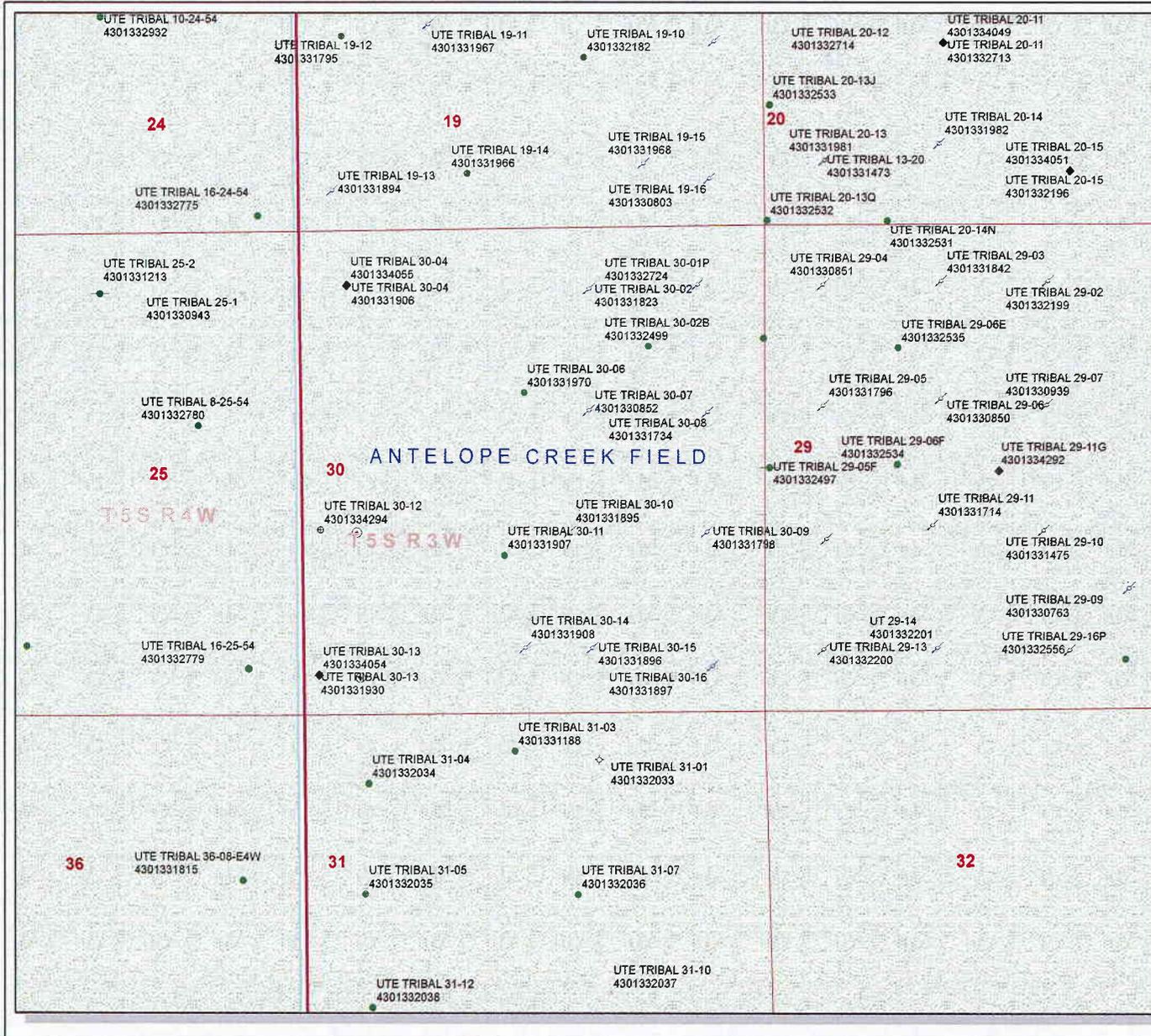
Township 05.0 S Range 03.0 W Section 30

Meridian: UBM

Operator: PETROGLYPH OPERATING CO

Map Prepared:

Map Produced by Diana Mason





February 1, 2010

Justin Williams
 ConocoPhillips
 3300 N. A Street, Building 6
 Midland, TX 79705

RE: Request to directional drill
 Ute Tribal #30-12
 1971' FSL & 215' FWL at surface
 1944' FSL & 615' FWL at bottom hole
 NWSW Section 30, T5S, R3W
 Duchesne County, Utah

Mr. Williams,

Please find attached copies of the survey plat and topographic map for the above-described well. Petroglyph Operating Company, Inc. is requesting to directionally drill this well with a surface location of 1971' FSL & 215' FWL and a producing zone location of 1944' FSL & 615' FWL.

Due to the Antelope Creek canyon cliffs directly east of the location, it was necessary to spot the location 215' from the West line. This results in a portion of the well bore being less than 460' from the lease line. The completed portion of the wellbore will be more than 460' from the leaseline. Utah Division of Oil, Gas and Mining's R649-3-11 requires written consent from all mineral owners within a 460' radius of the well. Since ConocoPhillips is a mineral lease holder in Section 25, T5S, R4W, Petroglyph Operating Company, Inc. respectfully requests the ConocoPhillips' consent to drill this well at the location described above. Petroglyph will provide the following:

1. Directional survey verifying that the tops of all intervals completed in the well are more than 460 feet from the west line of section 30, Township 5 South, Range 2 West, Duchesne County, Utah.
2. An executed pooling agreement if well does not meet the requirement above;
3. Copies of downhole logs.

You may acknowledge the consent by signing this letter in the space provided below. An extra copy of this letter is provided for your records.


 Bruce West
 Vice President
 Petroglyph Operating, Co. Inc.

Consent:

On behalf of ConocoPhillips, I hereby consent to the directional location referenced above.

Approved: Justin Williams
 by: Justin Williams
 title: Landman
 ConocoPhillips Company

PETROGLYPH

EXECUTIVE OFFICES



January 25, 2010

Mark Bingham, Senior Vice President
FIML Natural Resources, LLC
410 17th St. #900
Denver, CO 80202

RE: Request to directional drill
Ute Tribal #30-12
1971' FSL & 215' FWL at surface
1944' FSL & 615' FWL at bottom hole
NWSW Section 30, T5S, R3W
Duchesne County, Utah

Mr. Bingham,

Please find attached copies of the survey plat and topographic map for the above-described well. Petroglyph Operating Company, Inc. is requesting to directionally drill this well with a surface location of 1971' FSL & 215' FWL and a producing zone location of 1944' FSL & 615' FWL.

Due to the Antelope Creek canyon cliffs directly east of the location, it was necessary to spot the location 215' from the West line. This results in a portion of the well bore being less than 460' from the lease line. The completed portion of the wellbore will be more than 460' from the lease line. Utah Division of Oil, Gas and Mining's R649-3-11 requires written consent from all mineral owners within a 460' radius of the well. Since FIML Natural Resources, LLC is the mineral lease holder in the SE/4 of Section 25, T5S, R4W, Petroglyph Operating Company, Inc. respectfully requests the FIML's consent to drill this well at the location described above.

You may acknowledge the consent by signing this letter in the space provided below. An extra copy of this letter is provided for your records.

Bruce West
Vice President
Petroglyph Operating, Co. Inc.

Consent:

As Senior Vice President on behalf of FIML Natural Resources, LLC I hereby consent to the directional location referenced above.

Mark Bingham
Senior Vice President
FIML Natural Resources, LLC

PETROGLYPH ENERGY, INC.



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

February 3, 2010

Petroglyph Operating Co., Inc.
P.O. Box 607
Roosevelt, UT 84066

Subject: Ute Tribal 30-12 Well, Surface Location 1971' FSL, 215' FWL, NW SW, Sec. 30, T. 5 South, R. 3 West, Bottom Location 1944' FSL, 615' FWL, NW SW, Sec. 30, T. 5 South, R. 3 West, Duchesne County, Utah

Ladies and Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34294.

Sincerely,

Gil Hunt
Associate Director

GLH/js
Enclosures

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

Operator: Petroglyph Operating Co., Inc.
Well Name & Number Ute Tribal 30-12
API Number: 43-013-34294
Lease: 14-20-H62-3519

Surface Location: NW SW **Sec.** 30 **T.** 5 South **R.** 3 West
Bottom Location: NW SW **Sec.** 30 **T.** 5 South **R.** 3 West

Conditions of Approval

1. General

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

2. Notification Requirements

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

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

OR

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

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

- Contact Dustin Doucet at (801) 538-5281 office
(801) 733-0983 after office hours

3. 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:

- 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

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

Page 2
43-013-34294
February 3, 2010

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

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

RECEIVED

NOV 07 2009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT **BLM**

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: DRILL REENTER
1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

5. Lease Serial No.
14-20-H62-3519
6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE
7. If Unit or CA Agreement, Name and No.
UTE TRIBAL (4650)
8. Lease Name and Well No.
UTE TRIBAL 30-12

2. Name of Operator
PETROGLYPH OPERATING CO., INC.

9. API Well No.
43 013 3A294

3a. Address **P.O. BOX 607,
ROOSEVELT, UT 84066**
3b. Phone No. (Include area code)
(435)722-2531

10. Field and Pool, or Exploratory
ANTELOPE CREEK

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface **1971' FSL, 215' FWL NW/SW**
At Bottom Hole: **1944' FSL, 615' FWL**
At proposed prod. Zone

11. Sec., T., R., M., or Blk. and Survey or Area
**SEC. 30, T5S, R3W,
U.S.B.&M.**

14. Distance in miles and direction from nearest town or post office*
12.8 MILES SOUTHWEST OF BRIDGELAND, UTAH

12. County or Parish
DUCHESNE
13. State
UTAH

15. Distance from proposed* location to nearest property or lease line, ft. **215'**
(Also to nearest drig. Unit line, if any)
16. No. of Acres in lease
640
17. Spacing Unit dedicated to this well
80

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. **See Topo Map "C"**
19. Proposed Depth
5744'
20. BLM/BIA Bond No. on file
BO 4556

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6180.1 FEET GRADED GROUND
22. Approximate date work will start*
UPON APPROVAL
23. Estimated duration
45 DAYS

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Ed Trotter	RECEIVED FEB 17 2010	Date September 9, 2009
Title Agent		DIV. OF OIL, GAS & MINING	

Approved by (Signature) 	Name (Printed/Typed) James H. Sparger	Date FEB 09 2010
Title ACTING Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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.
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.



NOS N/A
AFMSS# 10RRH0115A

NOTICE OF APPROVAL



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Petroglyph Operating Co., Inc.	Location:	NWSW, Sec. 30, T5S, R3W
Well No:	Ute Tribal 30-12	Lease No:	14-20-H62-3519
API No:	43-013-34294	Agreement:	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: ut_vn_opreport@blm.gov .
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)**

- A 75 foot corridor access road right-of-way shall be approved.
- 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.

Additional Conditions of Approval

- Paint all facilities and equipment desert tan.
- Round corners per tech approval.
- Bury pipeline underneath access road.

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

SITE SPECIFIC DOWNHOLE COAs:

- A formation integrity test shall be performed at the surface casing shoe.
- Gamma Ray Log shall be run from Total Depth to Surface.
- Operator must notify BLM Vernal office of any active Gilsonite operation within 2 miles of the location 48 hours prior to any blasting on this well location

Variances Granted

Air Drilling

- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore and not in a straight line.
- Automatic igniter. Variance granted for igniter.
- A requirement of a water mister when air drilling only.
- The BOP stack must be 2000 psi or higher rated to meet maximum potential surface pressure.

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.

BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Rig Name/# Craig's/ Air rig.
Submitted By Jason Bywater Phone Number 435-722-5310
Well Name/Number Ute Tribal 30-12
Qtr/Qtr NW/SW Section 30 Township 5S Range 3W
Lease Serial Number 14-20-H62-3519
API Number 43-013-34294

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 3-16-2010 9:00 AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

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APR 21 2010

DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time _____ AM PM

Remarks _____

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

CONFIDENTIAL

FORM 6

ENTITY ACTION FORM

Operator: Petroglyph Operating Company Operator Account Number: N 3800
 Address: P.O. Box 607
city Roosevelt
state UT zip 84066 Phone Number: (435) 722-2531

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301334294	Ute Tribal 30-12		NWSW	30	T5S	R3W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	12352	12352	3/16/2010		4/28/10		
Comments: CSLPK = GRPV BHL = NWSW							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301334054	Ute Tribal 30-13		SWSW	30	T5S	R3W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	12352	12352	3/17/2010		4/28/10		
Comments: CSLPK = GRPV BHL = SWSW							

Well 3

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

ACTION CODES:

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

Glenda Davis
 Name (Please Print)

 Signature
 Office Manager 4/27/2010
 Title Date

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APR 27 2010

DIV. OF OIL, GAS & MINING

Petroglyph Energy, Inc.

960 Broadway Ave., Ste. 500
BOISE, ID 83706
(208) 685-7600

Wellwork AFE Daily Report

Date : 4/22/2010

Well Name : UTE TRIBAL 30-12						
Prospect:	ANTELOPE CREEK			AFE #:	42599	
Sec/Twp/Rge:	30 / 5S / 3W			AFE Total:	\$1,141,860	
API #:	43013342940000	Field:	ANTELOPE CREEK	Daily Cost:	\$1,875	
Work Type:	Completion	County, St.:	DUCHESNE, UT	Project Cost:	\$1,875	
Operator:	PETROGLYPH	Supervisor:	LEON ROUSH	This AFE Cost:	\$477,440	
Rig Name:	monument 734	Phone:	823-6195	Total with Assoc:	\$477,440	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Job Summary :	PERF-FRAC-AND RUN PRODUCTION TBG. AND ROD PUMP					
Daily Detail :	Remarks					
	"DRESS 5 1/2"" CSG. STUB / WELD ON 5 1/2"" 5K CSG. HEAD / TEST VOID 3,000PSI / INSTALL 5K FRAC. VALVE / SPOT IN FRAC. TKS. / SDFD"					
Operations						
Start	Hrs	Category/Remarks				
7:00	4.00	Repair csg/ DRESS 5 1/2" CSG. STUB / WELD ON 5 1/2" 5K CSG. HEAD / TEST VOID 3,000PSI / INSTALL 5K FRAC. VALVE / SPOT IN FRAC. TKS. / SDFD				
Total :	4.00					
Daily Cost Details						
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp	
TCC - CASING HEADS &	860.050	SEABOARD	5 1/2" CSG. FLANGE AND PR	\$1,875	\$1,875	
Total for TANGIBLE COMPLETION COSTS:				\$1,875	\$1,875	
Daily / Well Cumulative Total:				\$1,875		
Total Project Cost:					\$1,875	

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DIV. OF OIL, GAS & MINING

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
4/22/2010	1560	UTE TRIBAL 30-12	LEON ROUSH	Repair Csg	\$1,875	\$1,875

Petroglyph Energy, Inc.

960 Broadway Ave., Ste. 500
BOISE, ID 83706
(208) 685-7600

Wellwork AFE Daily Report

Date : 4/24/2010

Well Name : UTE TRIBAL 30-12						
Prospect:	ANTELOPE CREEK			AFE #:	42599	
Sec/Twp/Rge:	30 / 5S / 3W			AFE Total:	\$1,141,860	
API #:	43013342940000	Field:	ANTELOPE CREEK	Daily Cost:	\$1,090	
Work Type:	Completion	County, St.:	DUCHESNE, UT	Project Cost:	\$2,965	
Operator:	PETROGLYPH	Supervisor:	LEON ROUSH	This AFE Cost:	\$477,440	
Rig Name:	monument 734	Phone:	823-6195	Total with Assoc:	\$477,440	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Job Summary :	PERF-FRAC-AND RUN PRODUCTION TBG. AND ROD PUMP					
Daily Detail :	Remarks ROAD RIG AND EQUIP FROM ROOS. TO LOC. / PARK ON LOC. AND SDFWE CREW TRAVEL TO ROOS.					
Operations						
Start	Hrs	Category/Remarks				
11:00	2.50	Travel/ ROAD RIG AND EQUIP FROM ROOS. TO LOC. / PARK ON LOC. AND SDFWE				
13:30	1.00	Travel/ CREW TRAVEL TO ROOS.				
Total :	3.50					
Daily Cost Details						
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp	
ICC - COMPLETION RIG	840.050	MONUMENT #732	RIG	\$1,090	\$1,090	
Total for INTANGIBLE COMPLETION COSTS:				\$1,090	\$1,090	
Daily / Well Cumulative Total:				\$1,090		
Total Project Cost:					\$2,965	

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APR 28 2010

DIV. OF OIL, GAS & MINING

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
4/24/2010	1560	UTE TRIBAL 30-12	LEON ROUSH	Travel	\$1,090	\$2,965

Petroglyph Energy, Inc.

960 Broadway Ave., Ste. 500
BOISE, ID 83706
(208) 685-7600

Wellwork AFE Daily Report

Date : 4/27/2010

Well Name : UTE TRIBAL 30-12						
Prospect:	ANTELOPE CREEK			AFE #:	42599	
Sec/Twp/Rge:	30 / 5S / 3W			AFE Total:	\$1,141,860	
API #:	43013342940000	Field:	ANTELOPE CREEK	Daily Cost:	\$11,140	
Work Type:	Completion	County, St.:	DUCHESNE, UT	Project Cost:	\$14,105	
Operator:	PETROGLYPH	Supervisor:	LEON ROUSH	This AFE Cost:	\$477,440	
Rig Name:	monument 734	Phone:	823-6195	Total with Assoc:	\$477,440	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Job Summary :	PERF-FRAC-AND RUN PRODUCTION TBG. AND ROD PUMP					
Daily Detail :	Remarks CREW TRAVEL MIRU FROM 16-05F ND FRAC. VALVE / NU BOPs/ "MU 4 3/4" BIT AND 5 1/2" SCRAPER / TALL AND RABBIT AND PU / RIH W178 JTS. TAG AT 5,591" CIRC. HOLE W/138 BBLs. 3% KCL POOH W/STD. BACK TBG. / LD BIT AND SCRAPER RD FLOOR / ND BOPs NU 5K FRAC FLANGE CREW TRAVEL					
Operations						
Start	Hrs	Category/Remarks				
6:00	1.00	Travel/ CREW TRAVEL				
7:00	2.50	MIRU/ MIRU FROM 16-05F				
9:30	1.00	ND/ ND FRAC. VALVE / NU BOPs/				
10:30	3.00	Run scraper/ MU 4 3/4" BIT AND 5 1/2" SCRAPER / TALL AND RABBIT AND PU / RIH W178 JTS. TAG AT 5,591'				
13:30	1.00	Circulate/ CIRC. HOLE W/138 BBLs. 3% KCL				
14:30	1.50	POOH/ POOH W/STD. BACK TBG. / LD BIT AND SCRAPER				
16:00	1.00	NU/ RD FLOOR / ND BOPs NU 5K FRAC FLANGE				
17:00	1.00	Travel/ CREW TRAVEL				
Total :	12.00					
Daily Cost Details						
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp	
ICC - COMPLETION RIG	840.050	MONUMENT	RIG	\$3,940	\$5,030	
ICC - RENTAL EQUIPME	840.180	HYLAND	RENTAL ON 4= 600 BBL. FRA	\$600	\$750	
ICC - RENTAL EQUIPME	840.180	RW	BOP RENTAL	\$150	\$750	
ICC - TRANSPORTATIO	840.190	HAGMAN TRUCKING &	HAUL RIG #732 TK AND PUM	\$1,490	\$2,900	
ICC - TRANSPORTATIO	840.190	HYLAND	HAUL 4 FRAC. TKS. FROM R	\$1,410	\$2,900	
ICC - CONTRACT LABO	840.210	PETROGLYPH ENERG	LOAD TBG. AT 20-02	\$300	\$300	
ICC - SUPERVISION	840.240	LEONS CONSULTING	CONSULTANT	\$700	\$700	
ICC - CHEMICAL & TREA	840.345	MULTI CHEM	3=55 GAL. DRUMS KCL CHEM	\$2,550	\$2,550	
Total for INTANGIBLE COMPLETION COSTS:				\$11,140	\$12,230	
Daily / Well Cumulative Total:				\$11,140		
Total Project Cost:				RECEIVED	\$14,105	

APR 28 2010

DIV. OF OIL, GAS & MINING

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
4/27/2010	1560	UTE TRIBAL 30-12	LEON ROUSH	Run Bit & Scrapper	\$11,140	\$14,105

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-3519
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: UTE TRIBAL 14-20-H62-4650
2. NAME OF OPERATOR: PETROGLYPH OPERATING COMPANY		8. WELL NAME and NUMBER: UTE TRIBAL 30-12
3. ADDRESS OF OPERATOR: PO BOX 607 CITY ROOSEVELT STATE UT ZIP 84066		9. API NUMBER: 4301334294
		10. FIELD AND POOL, OR WILDCAT: ANTELOPE CREEK
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1971' FSL, 215' FWL		COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 30 T5S R3W		STATE: UTAH

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

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

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

The first date of production for this well was on 5/7/2010

NAME (PLEASE PRINT) <u>Glenda Davis</u>	TITLE <u>Office Manager</u>
SIGNATURE	DATE <u>5/17/2010</u>

(This space for State use only)

RECEIVED
MAY 18 2010

Petroglyph Energy, Inc.

960 Broadway Ave., Ste. 500
BOISE, ID 83706
(208) 685-7600

Drilling Chronological
Regulatory

Well Name: UTE TRIBAL 30-12					
Field Name:	ANTELOPE CREEK	S/T/R:	30/5S/3W	County, State:	DUCHESNE, UT
Operator:	PETROGLYPH	Location Desc:	12.8 miles SW of Bridgeland, UT	District:	UTAH
Project AFE:	42599	AFEs Associated:	/ / /		

Daily Summary					
Activity Date :	4/8/2010	Days From Spud :	22	Current Depth :	0 Ft
24 Hr. Footage Made :		0 Ft			
Rig Company :	Aztec Well Servicing Co., Inc.		Rig Name:	AZTEC 184	
Formation :			Weather:		

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	01	RD for rig move. Move living qtrs & set-up. Begin moving rig equip to well #30-12	0	0	NIH
Total:	24.00					

Daily Summary					
Activity Date :	4/9/2010	Days From Spud :	23	Current Depth :	0 Ft
24 Hr. Footage Made :		0 Ft			
Rig Company :	Aztec Well Servicing Co., Inc.		Rig Name:	AZTEC 184	
Formation :			Weather:		

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	18.00	01	Move rig to Ute Tribal 30-12 & rig up 100%	0	0	NIH
0:00	3.00	14	NU BOP & equip. Install new annular	0	0	NIH
3:00	3.00	15	Begin testing BOP & equip. Cliff Johnson w/BLM present to test. Test upper kelly valve w/no problems. Begin testing rams & developed leaks on upper and lower flange gaskets. Re-tighten spools & begin re-test.	0	0	NIH
Total:	24.00					

Daily Summary					
Activity Date :	4/10/2010	Days From Spud :	24	Current Depth :	1075 Ft
24 Hr. Footage Made :		562 Ft			
Rig Company :	Aztec Well Servicing Co., Inc.		Rig Name:	AZTEC 184	
Formation :			Weather:		

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.00	61	Test upper kelly valve, safety valve, pipe rams, & blind rams. Choke w/250 PSI low; 5 min and 3000 PSI high for 10 min.	0	0	NIH
13:00	2.00	09	Cut & slip drl line.	0	0	NIH
15:00	1.00	01	RU Pason line on flow sensor & pit sensor.	0	0	NIH
16:00	3.00	25	PU directional tools & scribe mud mtr.	0	0	NIH
19:00	2.00	06	TIH. Tag cmt @ 403'	0	0	1
21:00	2.00	02	Install rotating rubber. Drl out float & cmt.	0	0	1
23:00	0.50	61	Press test csg to 1500 PSI for 15 min.	0	0	1
23:30	0.50	02	Drl out csg shoe.	0	0	1
0:00	6.00	02	Drlg from 513' to 1,075' WOB 20k. RPM 50. GPM 600	513	1075	1
Total:	24.00					

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
513	9:00	8.34	8.34	27	1	1	10/10/0	0.0	0.0	0	0.00	0.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	7.00	0.00	0.00	0.00	100	80	0	0.00	0.00	0	0	0.00		0	

Water Loss	LCM	ECD	FL Temp	Remarks
0	0.0	9.2	0	When drlg cmt, add 5 sks sodium bicarb & DAP starting @ 500' (10 sks/hr) to suction pit. CATPOLY - 2 cans per tour. POLYPLUS down drl pipe every 3rd connection or as needed for tight hole.

Well Name: UTE TRIBAL 30-12

Field Name:	ANTELOPE CREEK	S/T/R:	30/5S/3W	County, State:	DUCHESNE, UT
Operator:	PETROGLYPH	Location Desc:	12.8 miles SW of Bridgeland, UT	District:	UTAH

Daily Summary

Activity Date :	4/11/2010	Days From Spud :	25	Current Depth :	3400 Ft	24 Hr. Footage Made :	2325 Ft
Rig Company :	Aztec Well Servicing Co., Inc.			Rig Name:	AZTEC 184		
Formation :	A8 - Mahogany Shale			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	02	Drl from 1075' to 1637' 20 WOB. 50 RPM. 590 GPM	1075	1637	2
11:00	1.00	07	Service rig & inspect brakes.	1637	1637	NIH
12:00	18.00	02	Drl from 1637' to 3400' 20 WOB. 55 RPM, 600 GPM	1637	3400	2
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
1515	10:30	8.34	8.34	27	1	1	10/10/0	0.0	0.0	0	0.00	0.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	7.50	0.00	0.00	0.00	100	40	0	0.00	0.00	0	0	0.00		0	

Water Loss	LCM	ECD	FL Temp	Remarks
0	0.0	9.2	0	Add 10 sks of DAP/hr through suction. Add 2 cans CATPOLY per tour. Add POLYPLUS dwn dril pipe every 3rd connection or as needed for tight hole.

Daily Summary

Activity Date :	4/12/2010	Days From Spud :	26	Current Depth :	4791 Ft	24 Hr. Footage Made :	1391 Ft
Rig Company :	Aztec Well Servicing Co., Inc.			Rig Name:	AZTEC 184		
Formation :	B LM - "B" Limestone			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	11.00	02	Drl from 3400 to 4180. 20 WOB. 50 RPM 590 GPM	3400	4180	3
17:00	1.00	07	Service rig. Check break linkage.	4180	4180	NIH
18:00	12.00	02	Drl from 4180 to 4791. 20 WOB. 60 RPM. 400 GPM. Pump #1 down due to wash. NOTE: Mud pump 1 repaired and back on line.	4180	4791	3
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
1515	10:30	8.34	8.34	27	1	1	10/10/0	0.0	0.0	0	0.00	0.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	7.50	0.00	0.00	0.00	100	40	0	0.00	0.00	0	0	0.00		0	

Water Loss	LCM	ECD	FL Temp	Remarks
0	0.0	9.2	0	Add 10 sks of DAP/hr through suction. Add 2 cans CATPOLY per tour. Add POLYPLUS dwn dril pipe every 3rd connection or as needed for tight hole.

Well Name: UTE TRIBAL 30-12

Field Name:	ANTELOPE CREEK	S/T/R:	30/5S/3W	County, State:	DUCHESNE, UT
Operator:	PETROGLYPH	Location Desc:	12.8 miles SW of Bridgeland, UT	District:	UTAH

Daily Summary

Activity Date :	4/13/2010	Days From Spud :	27	Current Depth :	5660 Ft	24 Hr. Footage Made :	869 Ft
Rig Company :	Aztec Well Servicing Co., Inc.			Rig Name:	AZTEC 184		
Formation :	BCPLS - B/Castlepeak Limestone			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	10.50	02	Drl from 4791 to 5280. 60 RPM. 20 WOB. 590 GPM	4791	5280	4
16:30	6.50	02	Drl from 5280 to 5660. TD	5280	5660	4
23:00	0.50	05	Circ. Sweep and clean hole.	5660	5660	4
23:30	1.00	06	Short trip for 10 stands; wiper run. No tight hole.	5660	5660	4
0:30	1.50	05	Circulate hole clean. Pump sweep & set pill on btm.	5660	5660	4
2:00	4.00	25	LD drill string.	5660	5660	4
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4791	10:30	8.35	8.35	27	1	1	10/10/0	0.0	0.0	0	0.00	0.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	7.50	0.00	0.00	0.00	100	40	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	9.2	0	DAP - 5 sks per tour. CATPOLY 1 can to reserve pit. POLYPLUS down drl pipe every 3rd connection or as needed for tight hole. HI-VIS sweep - 12 to 15 sks gel to 40-60 bbls. 3 sks of sawdust and 1/4 can of POLYPLUS. Weight pill - 90 sks GYPSUM to 60-80 bbls in pill tank.											

Daily Summary

Activity Date :	4/14/2010	Days From Spud :	28	Current Depth :	5660 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Aztec Well Servicing Co., Inc.			Rig Name:	AZTEC 184		
Formation :	BCPLS - B/Castlepeak Limestone			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.50	36	LDDP and directional tools.	5660	5660	5
8:30	7.50	01	RU & run Triple Combo from TD to surf csg with GR to surf. Logger's depth 5,674'.	5660	5660	5
16:00	5.50	01	RU and run 127 jts of 15.5 lb 5.5 J-55 LTC csg plus shoe & float to 5646'. Top of float @ 5599'. Marker set @ 4024'.	5660	5660	5
21:30	2.50	05	Circ & RU Halliburton cmt.	5660	5660	5
0:00	2.50	12	Cmt 5.5 csg w/285 sks lead and 310 sks tail. Displace 133 bbls. 2% KCL. Bump plug 500 psi over circ press. 1 bbls return; 37 bbls of cmt back to surf.	5660	5660	5
2:30	2.00	31	ND BOP & set csg slips.	5660	5660	5
4:30	1.50	01	RD for rig move. Move rig to 30-13. Clean pits. Rig release @ 0700 hrs. on 04/16/2010.	5660	5660	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5660	9:30	8.34	8.34	27	1	1	10/10/0	0.0	0.0	0	0.00	0.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	7.50	0.00	0.00	0.00	100	40	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	9.2	0	DAP - 5 sks per tour. CATPOLY 1 can to reserve pit. POLYPLUS down drl pipe every 3rd connection or as needed for tight hole. HI-VIS sweep - 12 to 15 sks gel to 40-60 bbls. 3 sks of sawdust and 1/4 can of POLYPLUS. Weight pill - 90 sks GYPSUM to 60-80 bbls in pill tank.											

Well Name: UTE TRIBAL 30-12					
Field Name:	ANTELOPE CREEK	S/T/R:	30/5S/3W	County, State:	DUCHESNE, UT
Operator:	PETROGLYPH	Location Desc:	12.8 miles SW of Bridgeland, UT	District:	UTAH

Formation					
Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments
Castle Peak Limesto	0	14	5044	0	
"B" Limestone	0	14	4497	0	
Douglas Creek	0	14	4120	0	
"X" Marker	0	14	3980	0	
Mahogany Shale	0	14	2427	0	

Casing									
DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
3/18/2010	513.36	11	3. Surface	8.625	24	J-55	0	12.25	510
Stage: 1, Tail, 0, 265, HalCem V1 w/ 2% cacI2, Class G, 1.17, 15.8									
Stage: 1, Top Out, 0, 80, HalCem V1 w/ 2% cacI2, Class G, 1.17, 15.8									
4/14/2010	5648.64	128	5. Production	5.5	15.5		0	7.875	5646
Stage: 1, Lead, 0, 285, Light premium, Lightweight, 3.24, 11									
Stage: 1, Tail, 0, 310, 50/50 Poz premium., Pozmix, 1.29, 14									
Stage: 1, Spacer, 133, 0, 2% KCL Displacement, , 0, 0									
Stage: 1, Spacer, 20, 0, Mud Flush III, , 0, 0									

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

2. NAME OF OPERATOR: **PETROGLYPH**

3. ADDRESS OF OPERATOR: **Box 607** CITY **ROOSEVELT** STATE **UT** ZIP **84066** PHONE NUMBER: _____

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **1971' FSL / 215' FWL SEC. 30 T5S R3W** **BAL reviewed by HSM**
AT TOP PRODUCING INTERVAL REPORTED BELOW: **1970' FSL / 524' FWL**
AT TOTAL DEPTH: **1918' FSL / 548' FWL**

5. LEASE DESIGNATION AND SERIAL NUMBER: **14-20-H62-3519**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: **UTE INDIAN TRIBE**

7. UNIT or CA AGREEMENT NAME: _____

8. WELL NAME and NUMBER: **UTE TRIBAL 30-12**

9. API NUMBER: **43-013-34294**

10. FIELD AND POOL, OR WLD/CAT: **ANDELOPE CREEK**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SEC. 30 T5S R3W**

12. COUNTY: **DUCHESENE** 13. STATE: **UTAH**

14. DATE SPUNDED: **4/9/10** 15. DATE T.D. REACHED: **4/13/10** 16. DATE COMPLETED: **5/6/10** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): **14' RKB**

18. TOTAL DEPTH: MD **5660'** TVD **5635' 42** 19. PLUG BACK T.D.: MD **5614'** TVD **5586'** 20. IF MULTIPLE COMPLETIONS, HOW MANY? * _____ 21. DEPTH BRIDGE MD _____ PLUG SET: TVD **N.A.**

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
ARRAY COMPENSATED SPECTRAL DNL CBL

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP**	AMOUNT PULLED
20"	14"	CONST. PIPE	SURF	85'		210 SK G	44 15.9#	SURF	CONDUIT
12.25"	8 7/8" J-55	24#	SURF	513'		345 SK G	72 15.9#	SURF	
7.875"	5 1/2" J-55	15.5#	SURF	5648'		595 SK G	236 15.9#	779 CBL	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875"	5178'							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) GR. REVER	3914'	5140'	3891'	5123'	3914-22 (B10.2)	.42	32	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					3930-39 (B11.1)	.42	36	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					4172-82 (C4)	.42	40	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					4240-51 (C5.2)	.42	44	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
3914-22 / 3930-39	40,960# PREM. WHITE 20/40 SAND FRAC. 411 BBL #25 DELTA 140
4172-82 / 4240-51	41,090# PREM. WHITE 20/40 SAND FRAC. 413 BBL #25 DELTA 140
4330-32 / 4343-45 / 4416-18	15,330 PREM. WHITE 20/40 SAND FRAC. 185 BBL #25 DELTA 140

29. ENCLOSED ATTACHMENTS:

- ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS: **PRODUCING**

RECEIVED
JUN 07 2010
DIV. OF OIL, GAS & MINING

PETROGLYPH



UTE TRIBAL 30-12 COMPLETION

CONTINUATION OF OF PERF. INTERVALS AND FRACS. FORM 8 SEC. 27

PERFS. CONT:

4330'-43232' (C6)= .42 DIA. 8 HOLES OPEN
4343'-4345' (C6)=.42 DIA. 8 HOLES OPEN
4416'-4418' (C8.1)=.42 DIA 8 HOLES OPEN
4468'-4474' (C9.2)=.42 DIA. 24 HOLES OPEN
4586'-4598' (D3)=.42 DIA. 48 HOLES OPEN
5066'-5068' (C)=.42 DIA. 8 HOLES OPEN
5094'-5106' (E1.2)=.42 DIA. 48 HOLES OPEN
5137'-5140' E1.2=.42 DIA. 12 HOLES OPEN
ALL PERFS. 90 PHASE 4SPF

FORM 8 SEC. 28

FRACS. CONT:

DEPTH INTERVAL

4468'-4474' = 15,440# PREM. WHITE 20/40 SAND FRAC 176 BBLs. #25 DELTA 140
4586'-4598'=33,020# PREM. WHITE 20/40 SAND FRAC. 332 BBLs. #25 DELTA 140
5066'-5068' / 5094'-5106' / 5137'-5140'=35,117# PREM. WHITE 20/40 SAND FRAC. 422 BBLs. #25 DELTA 140

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 5-9-10	TEST DATE: 5-10-10	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 38	GAS - MCF: 30	WATER - BBL: 56	PROD. METHOD: ROD PUMP
CHOKE SIZE: 30	TBG. PRESS. 50	CSG. PRESS. 75	API GRAVITY 33	BTU - GAS 165	GAS/OIL RATIO 789	24 HR PRODUCTION RATES: →	INTERVAL STATUS: OPEN

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

USED FOR FUEL

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				MANOGANY	2438
				B MARKER	3519
				X MARKER	4004
				Y MARKER	4042
				DOUGLAS CREEK MARKER	4144
				B LIME	4518
				BASE CASTLE PEAK MARKER	5074
				BASEL CORRELATE	5502

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) JASON BYWATER TITLE DISTRICT MANAGER
 SIGNATURE [Signature] DATE 4/6/10

This report must be submitted within 30 days of

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

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

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

Phone: 801-538-5340

Fax: 801-359-3940

Job Number: 42DEF1004273
 Company: PETROGLPH
 Lease/Well: UTE TRIBAL 30-12
 Location: ANTELOPE CREEK
 Rig Name: AZTEC 184
 RKB: 6194
 G.L. or M.S.L.: 6180

State/Country: UTAH, USA
 Declination: 11.56
 Grid: []
 File name: D:\DOCUME~1\USER\DESKTOP\UTETRI~1\30-12.SVY
 Date/Time: 15-Apr-10 / 06:44
 Curve Name: AS DRILLED

Scientific Drilling

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 90.00
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
549.00	.63	252.87	548.99	-.89	-2.88	-2.88	3.02	252.87	.11
580.00	.54	243.32	579.99	-1.00	-3.18	-3.18	3.33	252.45	.43
611.00	.61	219.86	610.99	-1.20	-3.41	-3.41	3.62	250.68	.79
642.00	.30	196.96	641.98	-1.40	-3.54	-3.54	3.81	248.42	1.14
673.00	.39	152.84	672.98	-1.57	-3.52	-3.52	3.85	245.92	.88
705.00	.81	115.00	704.98	-1.77	-3.26	-3.26	3.71	241.60	1.74
737.00	1.08	103.32	736.98	-1.93	-2.77	-2.77	3.37	235.09	1.03
769.00	1.30	81.83	768.97	-1.95	-2.11	-2.11	2.87	227.32	1.54
801.00	1.52	80.66	800.96	-1.83	-1.33	-1.33	2.26	216.14	.69
832.00	2.01	86.98	831.95	-1.73	-.39	-.39	1.78	192.57	1.70
863.00	2.45	84.69	862.92	-1.64	.82	.82	1.83	153.57	1.45
894.00	3.13	82.76	893.89	-1.47	2.32	2.32	2.75	122.49	2.21

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
925.00	3.41	84.44	924.84	-1.28	4.07	4.07	4.27	107.43	.95
955.00	3.70	87.06	954.78	-1.14	5.93	5.93	6.04	100.91	1.11
987.00	4.22	82.51	986.70	-.94	8.13	8.13	8.18	96.57	1.90
1019.00	4.51	81.37	1018.61	-.59	10.54	10.54	10.55	93.23	.95
1051.00	5.12	81.51	1050.50	-.19	13.19	13.19	13.19	90.84	1.91
1082.00	5.47	84.90	1081.36	.14	16.03	16.03	16.03	89.49	1.51
1113.00	5.73	87.18	1112.22	.35	19.05	19.05	19.05	88.95	1.10
1143.00	6.12	87.80	1142.06	.48	22.14	22.14	22.15	88.75	1.32
1174.00	6.45	89.03	1172.87	.58	25.54	25.54	25.54	88.71	1.15
1206.00	6.46	89.30	1204.67	.63	29.13	29.13	29.14	88.76	.10
1237.00	6.48	86.16	1235.47	.77	32.62	32.62	32.63	88.65	1.14
1267.00	6.17	86.52	1265.29	.98	35.92	35.92	35.93	88.44	1.04
1298.00	5.99	84.68	1296.11	1.23	39.19	39.19	39.21	88.20	.86
1330.00	5.65	87.38	1327.95	1.46	42.43	42.43	42.46	88.03	1.36
1362.00	5.55	88.33	1359.79	1.57	45.55	45.55	45.58	88.02	.43
1392.00	5.71	91.51	1389.65	1.58	48.49	48.49	48.52	88.14	1.17
1424.00	5.91	91.88	1421.49	1.48	51.73	51.73	51.75	88.36	.64
1456.00	6.16	96.37	1453.31	1.24	55.08	55.08	55.10	88.71	1.67
1487.00	6.84	99.17	1484.11	.76	58.56	58.56	58.56	89.26	2.42
1518.00	7.08	99.78	1514.88	.14	62.26	62.26	62.26	89.87	.81
1550.00	6.98	96.08	1546.64	-.40	66.14	66.14	66.14	90.35	1.45
1581.00	6.79	97.29	1577.42	-.83	69.83	69.83	69.84	90.68	.77
1613.00	6.37	96.06	1609.21	-1.26	73.47	73.47	73.48	90.98	1.38
1644.00	6.53	97.87	1640.01	-1.68	76.93	76.93	76.95	91.25	.83
1674.00	7.03	96.52	1669.80	-2.13	80.44	80.44	80.47	91.51	1.75
1707.00	6.96	96.07	1702.55	-2.57	84.44	84.44	84.48	91.74	.27
1738.00	6.59	96.80	1733.34	-2.98	88.07	88.07	88.12	91.94	1.23
1769.00	6.27	97.64	1764.14	-3.41	91.52	91.52	91.58	92.14	1.08
1801.00	6.29	92.79	1795.95	-3.73	95.00	95.00	95.07	92.25	1.66
1831.00	6.33	89.92	1825.77	-3.81	98.29	98.29	98.37	92.22	1.06
1862.00	6.70	88.07	1856.57	-3.74	101.81	101.81	101.88	92.11	1.37
1893.00	6.82	90.47	1887.35	-3.70	105.46	105.46	105.52	92.01	.99
1925.00	6.91	87.99	1919.12	-3.65	109.28	109.28	109.34	91.91	.97
1957.00	6.88	89.51	1950.89	-3.56	113.12	113.12	113.18	91.80	.58

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1988.00	6.94	88.21	1981.67	-3.49	116.85	116.85	116.90	91.71	.54
2020.00	6.28	88.67	2013.45	-3.39	120.53	120.53	120.58	91.61	2.07
2052.00	5.94	86.95	2045.27	-3.26	123.94	123.94	123.98	91.51	1.21
2083.00	6.01	85.50	2076.10	-3.05	127.16	127.16	127.19	91.37	.54
2114.00	6.33	84.33	2106.92	-2.75	130.47	130.47	130.50	91.21	1.11
2145.00	6.43	85.86	2137.73	-2.46	133.91	133.91	133.93	91.05	.64
2177.00	6.53	88.83	2169.53	-2.29	137.51	137.51	137.53	90.95	1.09
2207.00	6.50	89.16	2199.33	-2.23	140.92	140.92	140.93	90.91	.16
2239.00	6.48	89.73	2231.13	-2.19	144.53	144.53	144.55	90.87	.21
2270.00	6.16	90.28	2261.94	-2.19	147.95	147.95	147.96	90.85	1.05
2302.00	5.73	94.80	2293.77	-2.34	151.25	151.25	151.27	90.88	1.99
2334.00	5.34	95.88	2325.62	-2.62	154.33	154.33	154.35	90.97	1.26
2366.00	4.99	99.29	2357.49	-3.00	157.18	157.18	157.21	91.09	1.45
2397.00	4.49	102.97	2388.38	-3.49	159.70	159.70	159.73	91.25	1.89
2429.00	4.95	105.60	2420.27	-4.14	162.25	162.25	162.30	91.46	1.59
2461.00	5.51	102.83	2452.14	-4.85	165.07	165.07	165.14	91.68	1.92
2492.00	6.01	100.02	2482.99	-5.47	168.12	168.12	168.21	91.86	1.85
2524.00	6.39	90.29	2514.80	-5.77	171.55	171.55	171.65	91.93	3.49
2555.00	6.99	86.29	2545.59	-5.65	175.16	175.16	175.25	91.85	2.45
2587.00	7.13	86.86	2577.35	-5.42	179.09	179.09	179.17	91.73	.49
2619.00	6.89	85.41	2609.11	-5.16	182.98	182.98	183.06	91.61	.93
2650.00	7.15	84.53	2639.87	-4.82	186.76	186.76	186.82	91.48	.91
2681.00	7.55	87.69	2670.62	-4.56	190.71	190.71	190.77	91.37	1.83
2713.00	7.87	88.55	2702.33	-4.42	195.00	195.00	195.05	91.30	1.06
2745.00	7.79	88.06	2734.03	-4.29	199.36	199.36	199.41	91.23	.33
2776.00	7.56	87.25	2764.75	-4.12	203.50	203.50	203.54	91.16	.82
2807.00	7.23	87.46	2795.50	-3.94	207.48	207.48	207.52	91.09	1.07
2838.00	7.13	86.62	2826.25	-3.74	211.35	211.35	211.38	91.01	.47
2869.00	7.67	85.45	2856.99	-3.46	215.33	215.33	215.36	90.92	1.81
2900.00	7.81	87.12	2887.71	-3.19	219.50	219.50	219.52	90.83	.85
2932.00	7.95	86.16	2919.41	-2.93	223.88	223.88	223.90	90.75	.60
2964.00	7.74	86.35	2951.11	-2.65	228.24	228.24	228.25	90.66	.66
2996.00	7.56	85.94	2982.83	-2.36	232.49	232.49	232.50	90.58	.59
3028.00	7.21	85.87	3014.56	-2.07	236.59	236.59	236.60	90.50	1.09

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dógleg Severity Deg/100
							Distance FT	Direction Deg	
3059.00	7.01	85.87	3045.32	-1.79	240.42	240.42	240.43	90.43	.65
3091.00	6.31	86.35	3077.11	-1.54	244.12	244.12	244.13	90.36	2.19
3123.00	6.67	85.77	3108.90	-1.29	247.73	247.73	247.73	90.30	1.14
3154.00	6.89	84.74	3139.68	-.98	251.38	251.38	251.38	90.22	.81
3186.00	6.93	82.86	3171.45	-.57	255.20	255.20	255.20	90.13	.72
3218.00	6.97	84.57	3203.22	-.15	259.05	259.05	259.05	90.03	.66
3249.00	6.67	83.12	3234.00	.25	262.71	262.71	262.71	89.95	1.12
3281.00	6.33	83.67	3265.79	.67	266.31	266.31	266.31	89.86	1.08
3313.00	6.26	83.46	3297.60	1.06	269.80	269.80	269.80	89.78	.23
3345.00	5.71	84.48	3329.42	1.41	273.11	273.11	273.12	89.70	1.75
3376.00	5.34	83.94	3360.28	1.71	276.08	276.08	276.09	89.64	1.21
3408.00	5.19	83.65	3392.14	2.03	279.00	279.00	279.01	89.58	.48
3439.00	4.81	82.97	3423.03	2.34	281.69	281.69	281.70	89.52	1.24
3471.00	4.59	83.11	3454.92	2.66	284.29	284.29	284.30	89.46	.69
3502.00	4.32	84.53	3485.82	2.92	286.68	286.68	286.70	89.42	.94
3532.00	4.15	86.75	3515.74	3.09	288.89	288.89	288.91	89.39	.79
3564.00	3.81	85.66	3547.67	3.24	291.11	291.11	291.13	89.36	1.09
3595.00	3.70	86.30	3578.60	3.38	293.13	293.13	293.15	89.34	.38
3627.00	3.52	90.19	3610.54	3.44	295.15	295.15	295.17	89.33	.95
3658.00	3.31	92.49	3641.48	3.40	296.99	296.99	297.01	89.34	.81
3753.00	2.86	106.05	3736.34	2.63	302.01	302.01	302.02	89.50	.90
3848.00	2.70	117.03	3831.23	.95	306.28	306.28	306.28	89.82	.58
3941.00	2.55	124.00	3924.14	-1.20	309.95	309.95	309.95	90.22	.38
4036.00	2.10	131.04	4019.06	-3.52	313.01	313.01	313.03	90.64	.56
4131.00	1.87	142.41	4114.00	-5.89	315.27	315.27	315.32	91.07	.48
4225.00	1.86	149.49	4207.95	-8.42	316.98	316.98	317.09	91.52	.25
4320.00	1.70	159.84	4302.91	-11.08	318.25	318.25	318.44	91.99	.38
4415.00	1.65	173.43	4397.87	-13.76	318.89	318.89	319.19	92.47	.42
4510.00	1.90	183.42	4492.82	-16.69	318.95	318.95	319.39	93.00	.42
4605.00	1.19	161.08	4587.79	-19.19	319.18	319.18	319.75	93.44	.97
4701.00	1.07	185.03	4683.77	-21.03	319.42	319.42	320.11	93.77	.50
4795.00	1.39	184.93	4777.75	-23.04	319.25	319.25	320.08	94.13	.34
4891.00	1.59	158.13	4873.71	-25.44	319.64	319.64	320.65	94.55	.75
4985.00	2.57	138.18	4967.65	-28.22	321.54	321.54	322.77	95.02	1.28

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
5081.00	2.46	149.29	5063.56	-31.59	324.02	324.02	325.56	95.57	.52
5174.00	2.49	154.39	5156.47	-35.13	325.92	325.92	327.80	96.15	.24
5269.00	2.39	161.91	5251.39	-38.87	327.42	327.42	329.72	96.77	.35
5363.00	2.71	167.53	5345.29	-42.91	328.51	328.51	331.30	97.44	.43
5456.00	2.67	166.70	5438.19	-47.16	329.48	329.48	332.84	98.15	.06
5550.00	2.46	171.62	5532.10	-51.29	330.28	330.28	334.24	98.83	.32
5604.00	2.44	175.87	5586.05	-53.58	330.53	330.53	334.85	99.21	.34
PROJECTION TO BIT									
5660.00	2.44	175.87	5642.00	-55.96	330.70	330.70	335.41	99.60	.00

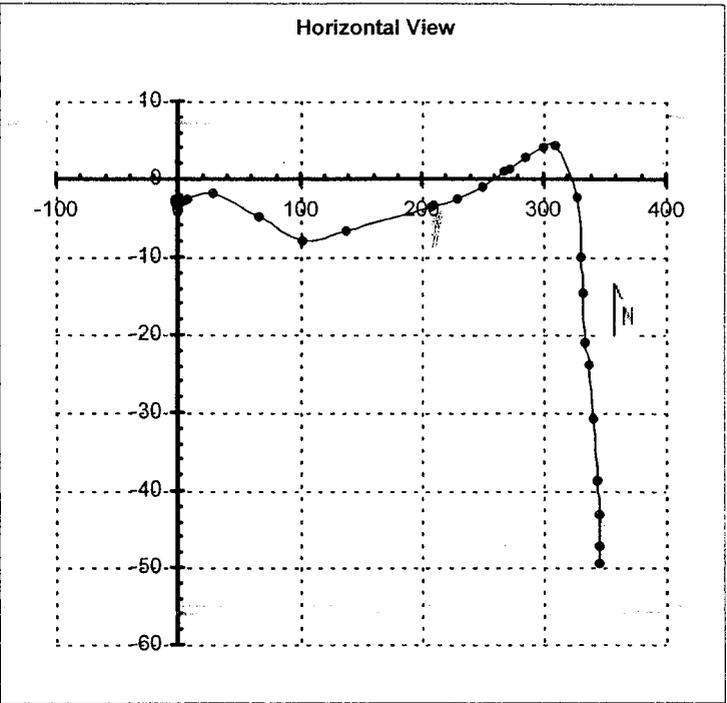
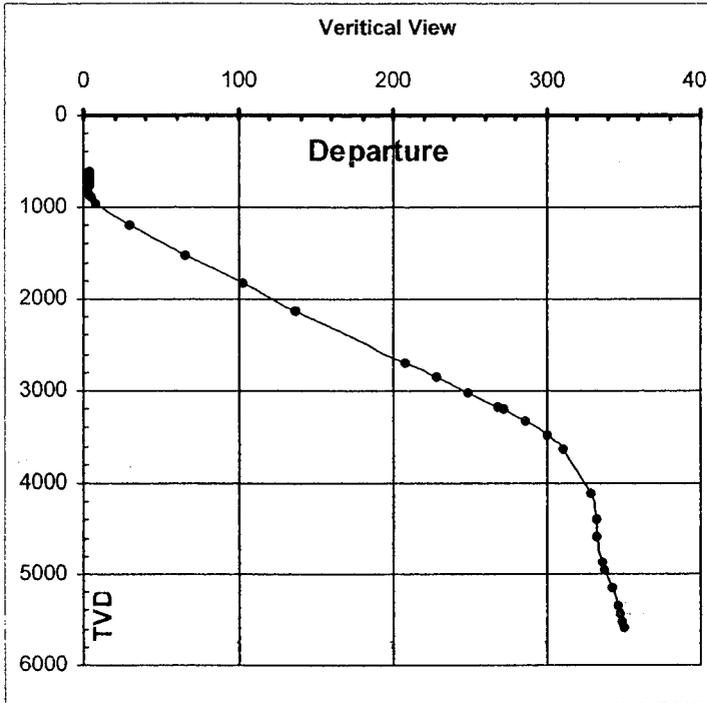


Petroglyph Energy, Inc.

960 Broadway Ave., Ste. 500
 BOISE, ID 83706
 (208) 685-7600

**Drilling Survey
 Report**

Well Name: UTE TRIBAL 30-12					
Field Name:	ANTELOPE CREEK	S/T/R:	30/5S/3W	County, State:	DUCHESNE, UT
Operator:	PETROGLYPH	Location Desc:	12.8 miles SW of Bridgeland, UT	District:	UTAH



Sur No	Date	Tie In	Meas Dep	Inclination	Azimuth	Desired Az	TVD	Vert Sect	N/S(+/-)	EW(+/-)	DLS
1	4/10/2010	<input type="checkbox"/>	611	0.61	219.90	90.00	610.99	-2.09	-2.50	-2.09	0.10
2	4/10/2010	<input type="checkbox"/>	642	0.30	197.00	90.00	641.99	-2.22	-2.70	-2.22	1.14
3	4/10/2010	<input type="checkbox"/>	673	0.39	152.80	90.00	672.99	-2.19	-2.87	-2.19	0.88
4	4/10/2010	<input type="checkbox"/>	705	0.81	115.00	90.00	704.99	-1.94	-3.06	-1.94	1.74
5	4/10/2010	<input type="checkbox"/>	737	1.08	103.30	90.00	736.98	-1.44	-3.23	-1.44	1.03
6	4/10/2010	<input type="checkbox"/>	769	1.30	81.80	90.00	768.98	-0.79	-3.25	-0.79	1.54
7	4/10/2010	<input type="checkbox"/>	801	1.52	80.70	90.00	800.97	-0.01	-3.13	-0.01	0.69
8	4/10/2010	<input type="checkbox"/>	832	2.01	87.00	90.00	831.95	0.94	-3.03	0.94	1.70
9	4/10/2010	<input type="checkbox"/>	863	2.45	84.70	90.00	862.93	2.14	-2.94	2.14	1.45
10	4/10/2010	<input type="checkbox"/>	894	3.13	82.80	90.00	893.89	3.64	-2.77	3.64	2.21
11	4/11/2010	<input type="checkbox"/>	955	3.70	87.10	90.00	954.78	7.26	-2.47	7.26	1.02
12	4/11/2010	<input type="checkbox"/>	1206	6.46	89.00	90.00	1204.80	29.47	-1.81	29.47	1.10
13	4/11/2010	<input type="checkbox"/>	1518	7.08	99.80	90.00	1514.62	65.96	-4.78	65.96	0.45
14	4/11/2010	<input type="checkbox"/>	1832	6.33	89.90	90.00	1826.47	102.34	-8.04	102.34	0.44
15	4/11/2010	<input type="checkbox"/>	2145	6.43	85.90	90.00	2137.54	137.08	-6.76	137.08	0.15
16	4/11/2010	<input type="checkbox"/>	2713	7.89	88.60	90.00	2701.11	207.78	-3.53	207.78	0.26
17	4/11/2010	<input type="checkbox"/>	2869	7.67	85.50	90.00	2855.67	228.86	-2.45	228.86	0.30
18	4/11/2010	<input type="checkbox"/>	3028	7.21	85.90	90.00	3013.33	249.39	-0.91	249.39	0.29
19	4/11/2010	<input type="checkbox"/>	3186	6.93	82.90	90.00	3170.13	268.74	0.98	268.74	0.29
20	4/11/2010	<input type="checkbox"/>	3218	6.97	84.60	90.00	3201.90	272.59	1.40	272.59	0.65
21	4/12/2010	<input type="checkbox"/>	3345	5.71	84.50	90.00	3328.12	286.55	2.73	286.55	0.99
22	4/12/2010	<input type="checkbox"/>	3502	4.32	84.50	90.00	3484.52	300.21	4.05	300.21	0.89
23	4/12/2010	<input type="checkbox"/>	3658	3.31	92.50	90.00	3640.17	310.55	4.42	310.55	0.73
24	4/12/2010	<input type="checkbox"/>	4131	1.87	142.40	90.00	4112.69	328.90	-2.29	328.90	0.54



Petroglyph Energy, Inc.

960 Broadway Ave., Ste. 500
BOISE, ID 83706
(208) 685-7600

Drilling Survey
Report

25	4/12/2010	<input type="checkbox"/>	4415	1.65	173.40	90.00	4396.56	332.20	-10.03	332.20	0.34
26	4/12/2010	<input type="checkbox"/>	4605	1.19	161.10	90.00	4586.50	333.16	-14.61	333.16	0.29
27	4/13/2010	<input type="checkbox"/>	4891	1.59	158.10	90.00	4872.41	335.60	-21.10	335.60	0.14
28	4/13/2010	<input type="checkbox"/>	4985	2.57	138.20	90.00	4966.35	337.49	-23.88	337.49	1.28
29	4/13/2010	<input type="checkbox"/>	5174	2.49	154.40	90.00	5155.17	342.09	-30.74	342.09	0.38
30	4/13/2010	<input type="checkbox"/>	5363	2.71	167.50	90.00	5343.97	344.83	-38.81	344.83	0.33
31	4/13/2010	<input type="checkbox"/>	5456	2.67	166.70	90.00	5436.87	345.80	-43.06	345.80	0.06
32	4/13/2010	<input type="checkbox"/>	5550	2.46	171.60	90.00	5530.78	346.60	-47.19	346.60	0.32
33	4/13/2010	<input type="checkbox"/>	5604	2.44	175.90	90.00	5584.73	346.85	-49.48	346.85	0.34



Petroglyph Energy, Inc.

960 Broadway Ave., Ste. 500
BOISE, ID 83706
(208) 685-7600

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JUN 07 2010

DIV. OF OIL, GAS & MINING

Drilling Chronological

Well Name: UTE TRIBAL 30-12					
Field Name:	ANTELOPE CREEK	S/T/R:	30/5S/3W	County, State:	DUCHESNE, UT
Operator:	PETROGLYPH	Location Desc:	12.8 miles SW of Bridgeland, UT	District:	UTAH
Project AFE:	42599	AFEs Associated:	/ / /		

Daily Summary							
Activity Date :	3/17/2010	Days From Spud :	-1	Current Depth :	85 Ft	24 Hr. Footage Made :	85 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:		Cum DHC:		Total Well Cost:			
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	12.00	02	Drill 20" conductor hole to 85' hit water @ 74' run 85' 14" conductor pipe.	0	85	NIH	
Total:	12.00						

Daily Summary							
Activity Date :	3/18/2010	Days From Spud :	1	Current Depth :	510 Ft	24 Hr. Footage Made :	425 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:		Cum DHC:		Total Well Cost:			
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	12.00	02	Drill 12 1/4" hole to 510' hit water @ 150' run 11jts. 8 5/8" J-55, 24#, STC casing landed @ 499.36 GL.RDMO.	85	510	NIH	
Total:	12.00						

Daily Summary							
Activity Date :	3/20/2010	Days From Spud :	3	Current Depth :	510 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:		Cum DHC:		Total Well Cost:			
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
7:00	6.00	20	rock to build up road	510	510	NIH	
Total:	6.00						

Daily Summary							
Activity Date :	3/25/2010	Days From Spud :	8	Current Depth :	510 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:		Cum DHC:		Total Well Cost:			
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
7:00	8.00	20	drill and set rig anchors	510	510	NIH	
Total:	8.00						

Well Name: UTE TRIBAL 30-12					
Field Name:	ANTELOPE CREEK	S/T/R:	30/5S/3W	County, State:	DUCHESNE, UT
Operator:	PETROGLYPH	Location Desc:	12.8 miles SW of Bridgeland, UT	District:	UTAH

Daily Summary					
Activity Date :	3/30/2010	Days From Spud :	13	Current Depth :	510 Ft
24 Hr. Footage Made :			0 Ft		
Formation :			Weather:		
Rig Company :			Rig Name:		
Daily Cost:		Cum DHC:		Total Well Cost:	

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
7:00	24.00	20	install cellar ring	510	510	NIH
7:00	0.00	20	build location and road as per bid	510	510	NIH
Total:	24.00					

Daily Summary					
Activity Date :	3/31/2010	Days From Spud :	14	Current Depth :	510 Ft
24 Hr. Footage Made :			0 Ft		
Formation :			Weather:		
Rig Company :			Rig Name:		
Daily Cost:		Cum DHC:		Total Well Cost:	

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
7:00	24.00	02	surface casing head			NIH
Total:	24.00					

Formation					
Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments
Castle Peak Limestc	0	14	5044	0	
"B" Limestone	0	14	4497	0	
Douglas Creek	0	14	4120	0	
"X" Marker	0	14	3980	0	
Mahogany Shale	0	14	2427	0	

Casing									
DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
3/18/2010	513.36	11	3. Surface	8.625	24	J-55	0	12.25	510
Stage: 1, Tail, 0, 265, HalCem V1 w/ 2% cacI2, Class G, 1.17, 15.8									
Stage: 1, Top Out, 0, 80, HalCem V1 w/ 2% cacI2, Class G, 1.17, 15.8									
4/14/2010	5648.64	128	5. Production	5.5	15.5		0	7.875	5646
Stage: 1, Lead, 0, 285, Light premium, Lightweight, 3.24, 11									
Stage: 1, Tail, 0, 310, 50/50 Poz premium., Pozmix, 1.29, 14									
Stage: 1, Spacer, 133, 0, 2% KCL Displacement, , 0, 0									
Stage: 1, Spacer, 20, 0, Mud Flush III, , 0, 0									



Petroglyph Energy, Inc.

960 Broadway Ave., Ste. 500
 BOISE, ID 83706
 (208) 685-7600

Drilling Chronological

Well Name: UTE TRIBAL 30-12					
Field Name:	ANTELOPE CREEK	S/T/R:	30/5S/3W	County, State:	DUCHESNE, UT
Operator:	PETROGLYPH	Location Desc:	12.8 miles SW of Bridgeland, UT	District:	UTAH
Project AFE:	42599	AFEs Associated:	/ / /		

Daily Summary							
Activity Date :	4/8/2010	Days From Spud :	22	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :	Aztec Well Servicing Co., Inc.		Rig Name:	AZTEC 184			
Daily Cost:	[REDACTED]		Cum DHC:	[REDACTED]	Total Well Cost:	[REDACTED]	
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	24.00	01	RD for rig move. Move living qtrs & set-up. Begin moving rig equip to well #30-12	0	0	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	4/9/2010	Days From Spud :	23	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :	Aztec Well Servicing Co., Inc.		Rig Name:	AZTEC 184			
Daily Cost:	[REDACTED]		Cum DHC:	[REDACTED]	Total Well Cost:	[REDACTED]	
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	18.00	01	Move rig to Ute Tribal 30-12 & rig up 100%	0	0	NIH	
0:00	3.00	14	NU BOP & equip. Install new annular	0	0	NIH	
3:00	3.00	15	Begin testing BOP & equip. Cliff Johnson w/BLM present to test. Test upper kelly valve w/no problems. Begin testing rams & developed leaks on upper and lower flange gaskets. Re-tighten spools & begin re-test.	0	0	NIH	
Total:	24.00						

Well Name: UTE TRIBAL 30-12

Field Name:	ANTELOPE CREEK	S/T/R:	30/5S/3W	County, State:	DUCHESNE, UT
Operator:	PETROGLYPH	Location Desc:	12.8 miles SW of Bridgeland, UT	District:	UTAH

Daily Summary

Activity Date :	4/10/2010	Days From Spud :	24	Current Depth :	1075 Ft	24 Hr. Footage Made :	562 Ft
Formation :				Weather:			
Rig Company :	Aztec Well Servicing Co., Inc.			Rig Name:	AZTEC 184		
Daily Cost:			Cum DHC:			Total Well Cost:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7:00	61	Test upper kelly valve, safety valve, pipe rams, & blind rams. Choke w/250 PSI low; 5 min and 3000 PSI high for 10 min.	0	0	NIH
13:00	2:00	09	Cut & slip drl line.	0	0	NIH
15:00	1:00	01	RU Pason line on flow sensor & pit sensor.	0	0	NIH
16:00	3:00	25	PU directional tools & scribe mud mtr.	0	0	NIH
19:00	2:00	06	TIH. Tag cmt @ 403'	0	0	1
21:00	2:00	02	Install rotating rubber. Drl out float & cmt.	0	0	1
23:00	0:50	61	Press test csg to 1500 PSI for 15 min.	0	0	1
23:30	0:50	02	Drl out csg shoe.	0	0	1
0:00	6:00	02	Drlg from 513' to 1,075' WOB 20k. RPM 50. GPM 600	513	1075	1
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
513	9:00	8.34	8.34	27	1	1	10/10/0	0.0	0.0	0	0.00	0.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	7.00	0.00	0.00	0.00	100	80	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	9.2	0	When drlg cmt, add 5 sks sodium bicarb & DAP starting @ 500' (10 sks/hr) to suction pit. CATPOLY - 2 cans per tour. POLYPLUS down drl pipe every 3rd connection or as needed for tight hole.											

Daily Summary

Activity Date :	4/11/2010	Days From Spud :	25	Current Depth :	3400 Ft	24 Hr. Footage Made :	2325 Ft
Formation :				Weather:			
Rig Company :	Aztec Well Servicing Co., Inc.			Rig Name:	AZTEC 184		
Daily Cost:			Cum DHC:			Total Well Cost:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5:00	02	Drl from 1075' to 1637' 20 WOB. 50 RPM. 590 GPM	1075	1637	2
11:00	1:00	07	Service rig & inspect brakes.	1637	1637	NIH
12:00	18:00	02	Drl from 1637' to 3400' 20 WOB. 55 RPM, 600 GPM	1637	3400	2
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
1515	10:30	8.34	8.34	27	1	1	10/10/0	0.0	0.0	0	0.00	0.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	7.50	0.00	0.00	0.00	100	40	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	9.2	0	Add 10 sks of DAP/hr through suction. Add 2 cans CATPOLY per tour. Add POLYPLUS dwn drill pipe every 3rd connection or as needed for tight hole.											

Well Name: UTE TRIBAL 30-12

Field Name:	ANTELOPE CREEK	S/T/R:	30/5S/3W	County, State:	DUCHESNE, UT
Operator:	PETROGLYPH	Location Desc:	12.8 miles SW of Bridgeland, UT	District:	UTAH

Daily Summary

Activity Date :	4/12/2010	Days From Spud :	26	Current Depth :	4791 Ft	24 Hr. Footage Made :	1391 Ft
Formation :				Weather:			
Rig Company :	Aztec Well Servicing Co., Inc.			Rig Name:	AZTEC 184		
Daily Cost:			Cum DHC:			Total Well Cost:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	11.00	02	Drl from 3400 to 4180. 20 WOB. 50 RPM 590 GPM	3400	4180	3
17:00	1.00	07	Service rig. Check break linkage.	4180	4180	NIH
18:00	12.00	02	Drl from 4180 to 4791. 20 WOB. 60 RPM. 400 GPM. Pump #1 down due to wash. NOTE: Mud pump 1 repaired and back on line.	4180	4791	3

Total:	24.00
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Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
1515	10:30	8.34	8.34	27	1	1	10/10/0	0.0	0.0	0	0.00	0.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	7.50	0.00	0.00	0.00	100	40	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	9.2	0	Add 10 sks of DAP/hr through suction. Add 2 cans CATPOLY per tour. Add POLYPLUS dwn drl pipe every 3rd connection or as needed for tight hole.											

Daily Summary

Activity Date :	4/13/2010	Days From Spud :	27	Current Depth :	5660 Ft	24 Hr. Footage Made :	869 Ft
Formation :				Weather:			
Rig Company :	Aztec Well Servicing Co., Inc.			Rig Name:	AZTEC 184		
Daily Cost:			Cum DHC:			Total Well Cost:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	10.50	02	Drl from 4791 to 5280. 60 RPM. 20 WOB. 590 GPM	4791	5280	4
16:30	6.50	02	Drl from 5280 to 5660. TD	5280	5660	4
23:00	0.50	05	Circ. Sweep and clean hole.	5660	5660	4
23:30	1.00	06	Short tip for 10 stands; wiper run. No tight hole.	5660	5660	4
0:30	1.50	05	Circulate hole clean. Pump sweep & set pill on btm.	5660	5660	4
2:00	4.00	25	LD drill string.	5660	5660	4

Total:	24.00
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Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4791	10:30	8.35	8.35	27	1	1	10/10/0	0.0	0.0	0	0.00	0.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	7.50	0.00	0.00	0.00	100	40	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	9.2	0	DAP - 5 sks per tour. CATPOLY 1 can to reserve pit. POLYPLUS down drl pipe every 3rd connection or as needed for tight hole. HI-VIS sweep - 12 to 15 sks gel to 40-60 bbls. 3 sks of sawdust and 1/4 can of POLYPLUS. Weight pill - 90 sks GYPSUM to 60-80 bbls in pill tank.											

Well Name: UTE TRIBAL 30-12					
Field Name:	ANTELOPE CREEK	S/T/R:	30/5S/3W	County, State:	DUCHESNE, UT
Operator:	PETROGLYPH	Location Desc:	12.8 miles SW of Bridgeland, UT	District:	UTAH

Daily Summary							
Activity Date :	4/14/2010	Days From Spud :	28	Current Depth :	5660 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :	Aztec Well Servicing Co., Inc.		Rig Name :	AZTEC 184			
Daily Cost:		Cum DHC:		Total Well Cost:			

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.50	36	LDDP and directional tools.	5660	5660	5
8:30	7.50	01	RU & run Triple Combo from TD to surf csg with GR to surf. Logger's depth 5,674'.	5660	5660	5
16:00	5.50	01	RU and run 127 jts of 15.5 lb 5.5 J-55 LTC csg plus shoe & float to 5646'. Top of float @ 5599'. Marker set @ 4024'.	5660	5660	5
21:30	2.50	05	Circ & RU Halliburton cmt.	5660	5660	5
0:00	2.50	12	Cmt 5.5 csg w/285 sks lead and 310 sks tail. Displace 133 bbls. 2% KCL. Bump plug 500 psi over circ press. 1 bbls return; 37 bbls of cmt back to surf.	5660	5660	5
2:30	2.00	31	ND BOP & set csg slips.	5660	5660	5
4:30	1.50	01	RD for rig move. Move rig to 30-13. Clean pits. Rig release @ 0700 hrs. on 04/16/2010.	5660	5660	NIH
Total:	24.00					

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
5660	9:30	8.34	8.34	27	1	1	10/10/0	0.0	0.0	0	0.00	0.0%	99.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	7.50	0.00	0.00	0.00	100	40	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	9.2	0	DAP - 5 sks per tour. CATPOLY 1 can to reserve pit. POLYPLUS down drl pipe every 3rd connection or as needed for tight hole. HI-VIS sweep - 12 to 15 sks gel to 40-60 bbls. 3 sks of sawdust and 1/4 can. of POLYPLUS. Weight pill - 90 sks GYPSUM to 60-80 bbls in pill tank.												

Formation					
Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments
Castle Peak Limestc	0	14	5044	0	
"B" Limestone	0	14	4497	0	
Douglas Creek	0	14	4120	0	
"X" Marker	0	14	3980	0	
Mahogany Shale	0	14	2427	0	

Casing									
DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
3/18/2010	513.36	11	3. Surface	8.625	24	J-55	0	12.25	510
Stage: 1, Tail, 0, 265, HalCem V1 w/ 2% cacl2, Class G, 1.17, 15.8									
Stage: 1, Top Out, 0, 80, HalCem V1 w/ 2% cacl2, Class G, 1.17, 15.8									
4/14/2010	5648.64	128	5. Production	5.5	15.5		0	7.875	5646
Stage: 1, Lead, 0, 285, Light premium, Lightweight, 3.24, 11									
Stage: 1, Tail, 0, 310, 50/50 Poz premium., Pozmix, 1.29, 14									
Stage: 1, Spacer, 133, 0, 2% KCL Displacement, , 0, 0									
Stage: 1, Spacer, 20, 0, Mud Flush III, , 0, 0									

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-3519
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Ute Tribal 14-20-H62-4650
2. NAME OF OPERATOR: PETROGLYPH OPERATING COMPANY INC.		8. WELL NAME and NUMBER: Ute Tribal 30-12
3. ADDRESS OF OPERATOR: P.O. BOX 607 CITY ROOSEVELT STATE UT ZIP 84066		9. API NUMBER: 4301334294
		10. FIELD AND POOL, OR WILDCAT: Antelope Creek
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1971' FSL, 215' FWL		COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 30 T5S R3W		STATE: UTAH

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

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

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

We Spud on 3/16/2010 at 9:00 A.M.

NAME (PLEASE PRINT) LES FARNSWORTH	TITLE DISTRICT MANAGER
SIGNATURE	DATE 8/30/2011

(This space for State use only)

RECEIVED

SEP 06 2011