

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> Ute Tribal 04-13Q				
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> ANTELOPE CREEK				
<b>4. TYPE OF WELL</b> Oil Well Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> ANTELOPE CREEK				
<b>6. NAME OF OPERATOR</b> PETROGLYPH OPERATING CO						<b>7. OPERATOR PHONE</b> 208 685-7674				
<b>8. ADDRESS OF OPERATOR</b> 960 Broadway Ave, Ste 500, Bosie, ID, 83703						<b>9. OPERATOR E-MAIL</b> bwest@pgei.com				
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> 14-20-H62-3503			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>				
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>				
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>				
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b> Ute Indian Tribe			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>				
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>		
LOCATION AT SURFACE		20 FSL 338 FWL		SWSW	4	5.0 S	3.0 W	U		
Top of Uppermost Producing Zone		335 FSL 2050 FEL		SWSE	5	5.0 S	3.0 W	U		
At Total Depth		335 FSL 2050 FEL		SWSE	5	5.0 S	3.0 W	U		
<b>21. COUNTY</b> DUCHESNE			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 20			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 728				
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 717			<b>26. PROPOSED DEPTH</b> MD: 7604 TVD: 7604				
<b>27. ELEVATION - GROUND LEVEL</b> 6055			<b>28. BOND NUMBER</b> BO 4556			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 43-8342				
<b>Hole, Casing, and Cement Information</b>										
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Length</b>	<b>Weight</b>	<b>Grade &amp; Thread</b>	<b>Max Mud Wt.</b>	<b>Cement</b>	<b>Sacks</b>	<b>Yield</b>	<b>Weight</b>
COND	18	14	0 - 40	5.0	Unknown	10.0	Class G	25	1.17	15.8
SURF	12.25	9.625	0 - 480	36.0	J-55 ST&C	10.0	Class G	167	1.17	15.8
L1	6.125	4.5	5507 - 7604	11.6	J-55 LT&C	10.0	No Used	0	0.0	0.0
PROD	8.75	7	0 - 5657	26.0	L-80 LT&C	10.0	Class G	409	1.91	12.5
							Class G	462	1.46	13.4
<b>ATTACHMENTS</b>										
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
<b>NAME</b> Ed Trotter				<b>TITLE</b> Agent			<b>PHONE</b> 435 789-4120			
<b>SIGNATURE</b>				<b>DATE</b> 06/02/2011			<b>EMAIL</b> edtrotter@easilink.com			
<b>API NUMBER ASSIGNED</b> 43013508180000				<b>APPROVAL</b>  Permit Manager						

CONFIDENTIAL  
EIGHT POINT PLAN

UTE TRIBAL 04-13Q  
SW/SW, SEC. 4, T5S, R3W  
DUCHESNE COUNTY, UTAH

**1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

FORMATIONS	MD	SUBSEA
Trona	2827	3228
Mahogany Shale	2967	3088
“B” Marker	4090	1965
“X” Marker	4578	1477
Douglas Creek	4726	1329
“B” Limestone	5118	937
Total Depth	7604	
Anticipated Maximum BHP	1700	

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

<u>Substance</u>	<u>Formation</u>	<u>TVD/MD</u>	<u>Subsea</u>
Oil/Gas	Douglas Creek	4726	1329

**3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.**

**BOPE TESTING PROCEDURE:**

- The BOPE will be tested by a professional tester to conform to Onshore Order #2.
- The flow line will have a minimum diameter of 10”.

**4. CASING PROGRAM:**

Hole	Casing	Top – MD	Bottom – MD	Weight lb/ft	Grade	Thread
18”	14”	sfc	40’	steel	cond	None
12 1/4”	9 5/8”	sfc	480’	36.0	J-55	STC
8 3/4”	7”	sfc	5657’	26.0	L-80	LTC

Casing Strengths:				Collapse	Burst	Tensile
9 5/8”	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb
7”	26.0 lb.	L-80	LTC	5,410 psi	7,240 psi	511,000 lb

The horizontal lateral of this well will be cased with 4 1/2” liner with mechanical pack-offs & sliding sleeves.

Hole	Casing	Top – MD	Bottom – MD	Weight lb/ft	Grade
6 1/8”	4 1/2”	5507’	7604’	11.6	J-55

All casing will be new or inspected.

CONFIDENTIAL  
EIGHT POINT PLAN

UTE TRIBAL 04-13Q  
SW/SW, SEC. 4, T5S, R3W  
DUCHESNE COUNTY, UTAH

**5. MUD PROGRAM**

**INTERVAL**

0' - 480'  
480' - TD

**MUD TYPE**

Air/Aerated Water  
Water with DAP or DAP alternative  
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. A mud weight of 9.5# to 10.5# will be maintained during drilling of the production hole. The rat and mouse holes will be drilled with the Air Rig after the surface casing is set. Rig mounted and skid mounted air compressors capable of producing 2200 CFM at 350 psi will be used.

**6. CEMENT PROGRAM:**

**20" Conductor:**

Cement to surface with construction cement.

**9 5/8" Casing: sfc - 480' (MD)**

**Lead/Tail Slurry: 0' - 480':** 167 sks (195 cu ft) Class G cement + 0.25 lb/sk Cello Flake + 2% CaCl<sub>2</sub>. Slurry wt: 15.8 ppg, Slurry yield: 1.17 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" hole + 30% excess. (Cement will be circulated to surface).

**7" Casing: sfc - 5657' (MD)**

**Lead Slurry: sfc - 4000':** 409 sks (782 cu ft) EXPANDACEM System (Class "G" + additives) + 1 lb/sk Granulite TR<sup>1/4</sup> (Lost Circulation Material) (12.5 PPG, 1.91 ft<sup>3</sup>/sk) hole + 30% excess.

**Tail Slurry:**

**4000' - 5657':** 462 sks (675 cu ft) EXPANDACEM System (Class "G" + additives) + 1 lb/sk Granulite TR<sup>1/4</sup> (Lost Circulation Material) (13.4 ppg, 1.46ft<sup>3</sup>/sk) hole + 30% excess. Cement will be circulated to surface.

**4 1/2" Liner with Mechanical Pack-off: 5507' - 7604' (MD)**

No cement, mechanically set in open hole.

**7. VARIANCE REQUESTS:**

**Reference: Onshore Oil and Gas Order No. 2 - Item E: Special Drilling Operations**

**NOTE: Only drilling with air for surface hole.**

- Operator requests a variance to regulations requiring the blooie line discharge be 100' from the well bore. Due to reduced location size, the blooie line discharge will be approximately 75' from the well bore and securely anchored.

CONFIDENTIAL  
EIGHT POINT PLAN

UTE TRIBAL 04-13Q  
SW/SW, SEC. 4, T5S, R3W  
DUCHESNE COUNTY, UTAH

2. Operator requests a variance to regulations requiring a straight run blooie line. Due to the location of the flare pit the blooie line will have two targeted "Ts".
3. Operator requests a variance to regulations requiring Deduster Equipment on the blooie line. A mister will be used at the end of the blooie line when drilling with air only.
4. Operator requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. An air/air-mist drilling system will be used.
5. Operator requests a variance to regulations requiring the compressors be located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. Due to reduced location size the compressors will be located as close as is reasonable to the opposite direction from the blooie line and 75' from the well bore.

**8. OPERATIONS:**

All engine exhausts within 100 feet of the well bore will be equipped with spark arrestors.

All cuttings and circulating medium shall be directed into the reserve or boogie pit.

A float valve will be run above the bit with sufficient rating to prevent flow back.

An air/mist and fluid/mud drilling system will be used.

All 5 1/2" casing will be new or inspected J-55 LT &C with a collapse resistance of 4,040 psi an internal yield pressure of 4,810 psi and a joint strength of 239,000 psi.

**9. 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.

**10. ABNORMAL CONDITIONS:**

None anticipated.

**CONFIDENTIAL**  
**EIGHT POINT PLAN**

**UTE TRIBAL 04-13Q  
SW/SW, SEC. 4, T5S, R3W  
DUCHESNE COUNTY, UTAH**

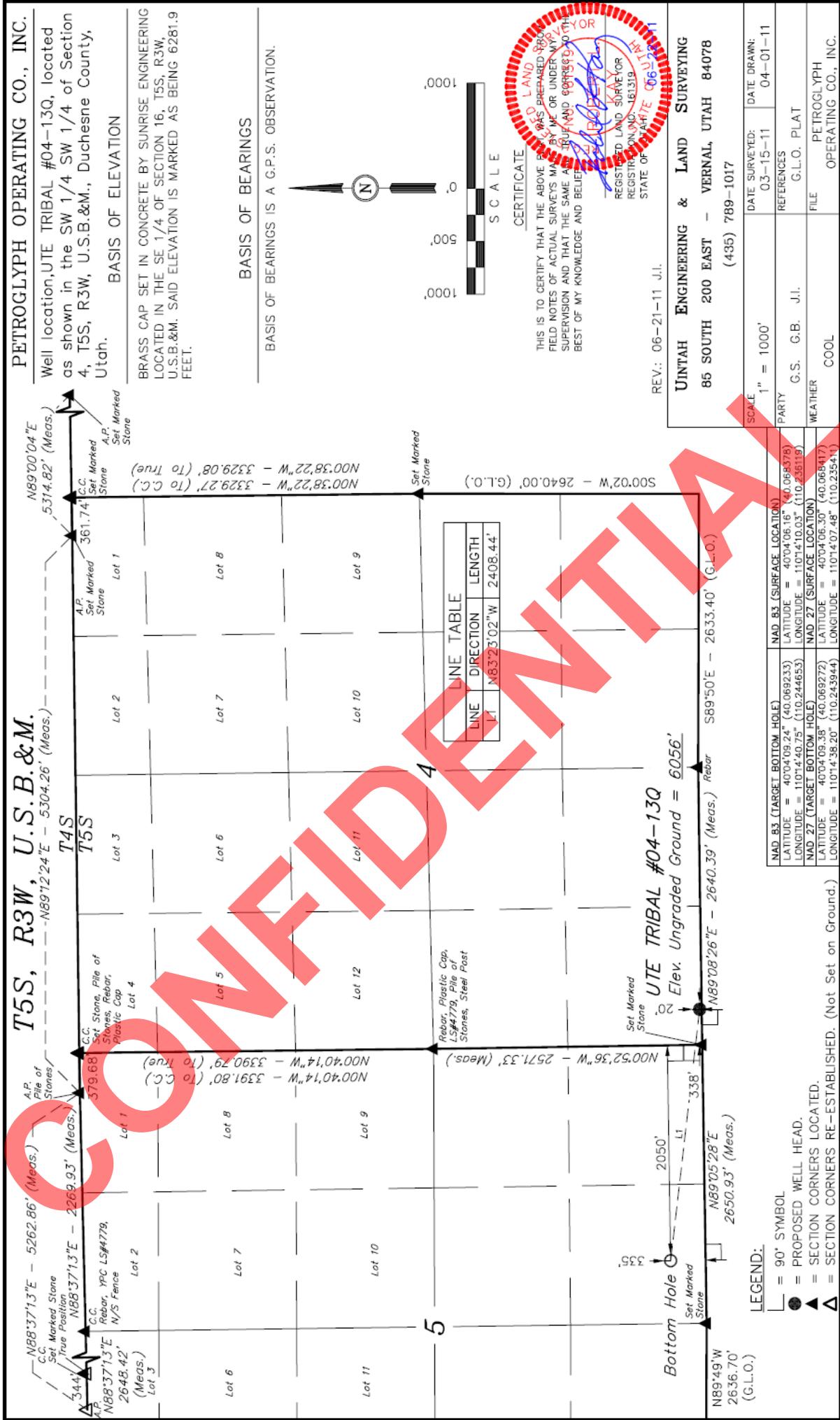
**11. STANDARD REQUIRED EQUIPMENT:**

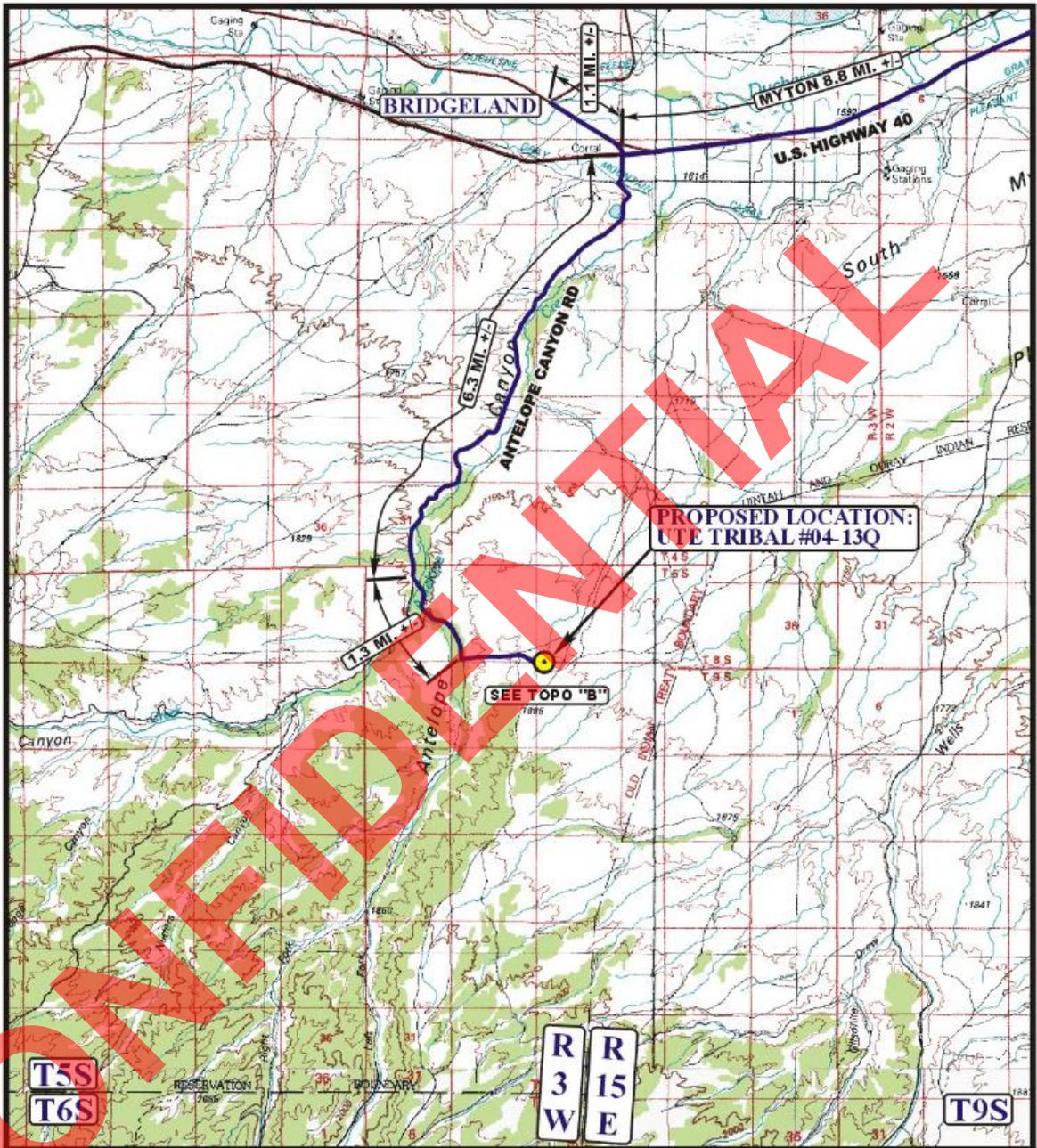
None Required

**12. 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)





**LEGEND:**  
 PROPOSED LOCATION

**PETROGLYPH OPERATING CO., INC.**

**UTE TRIBAL #04-13Q**  
**SECTION 4, T5S, R3W, U.S.B.M.**  
**20' FSL 338' FWL**

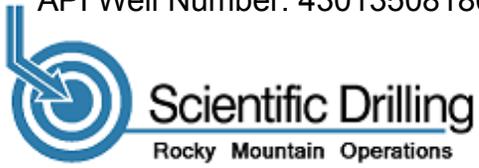
**U E L S**  
 Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**ACCESS ROAD MAP**  
 SCALE: 1:100,000 DRAWN BY: S.F. REVISID: 00-00-00

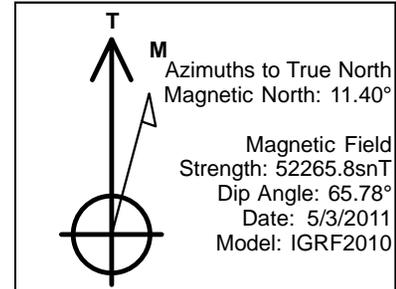
<b>03</b>	<b>29</b>	<b>11</b>
MONTH	DAY	YEAR

**TOPO**



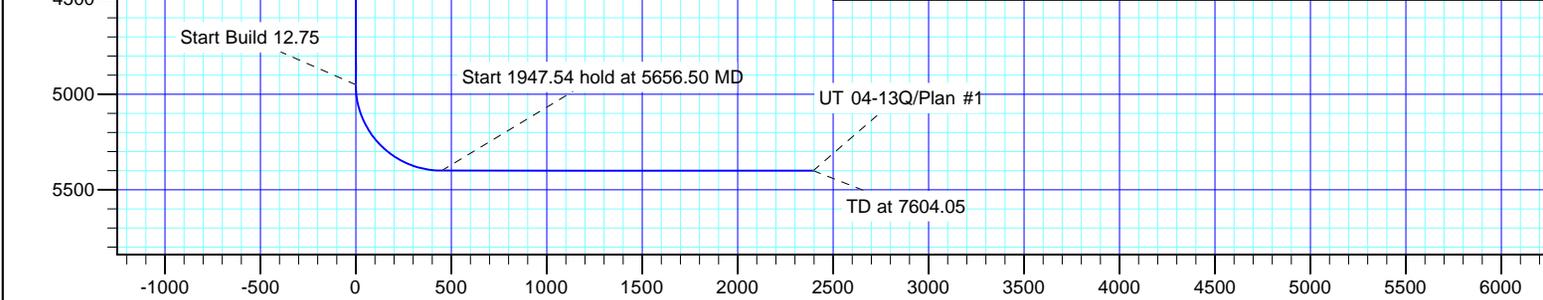
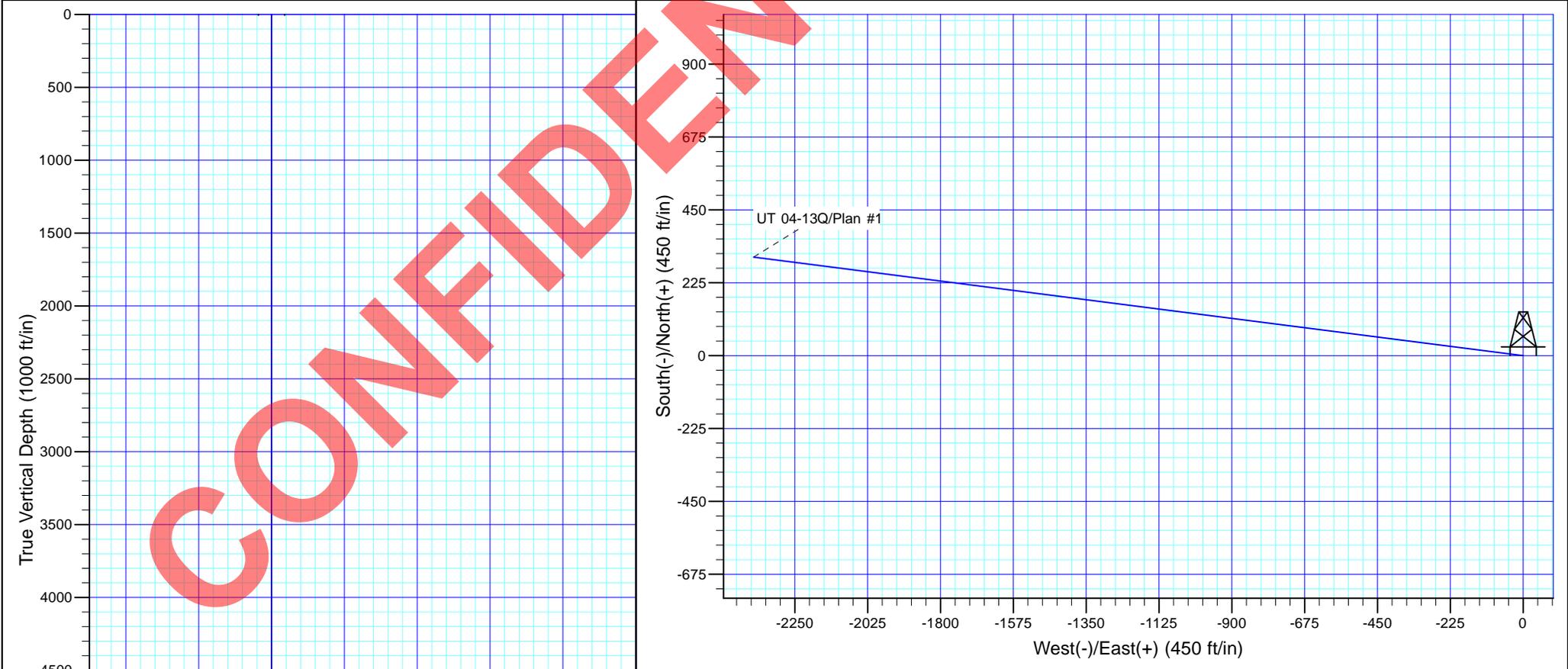
Project: Duchesne County, UT NAD83  
 Site: UTE Tribal 04-13Q  
 Well: UT 04-13Q  
 Wellbore: Wellbore #1  
 Design: Plan #1

Petroglyph Operating Co. Inc



WELL DETAILS: UT 04-13Q

+N/-S	+E/-W	Northing	Ground Level: Easting	0.00 Latitude	Longitude	Slot
0.00	0.00	7196129.49	1994111.17	40° 4' 6.160 N	110° 14' 10.030 W	

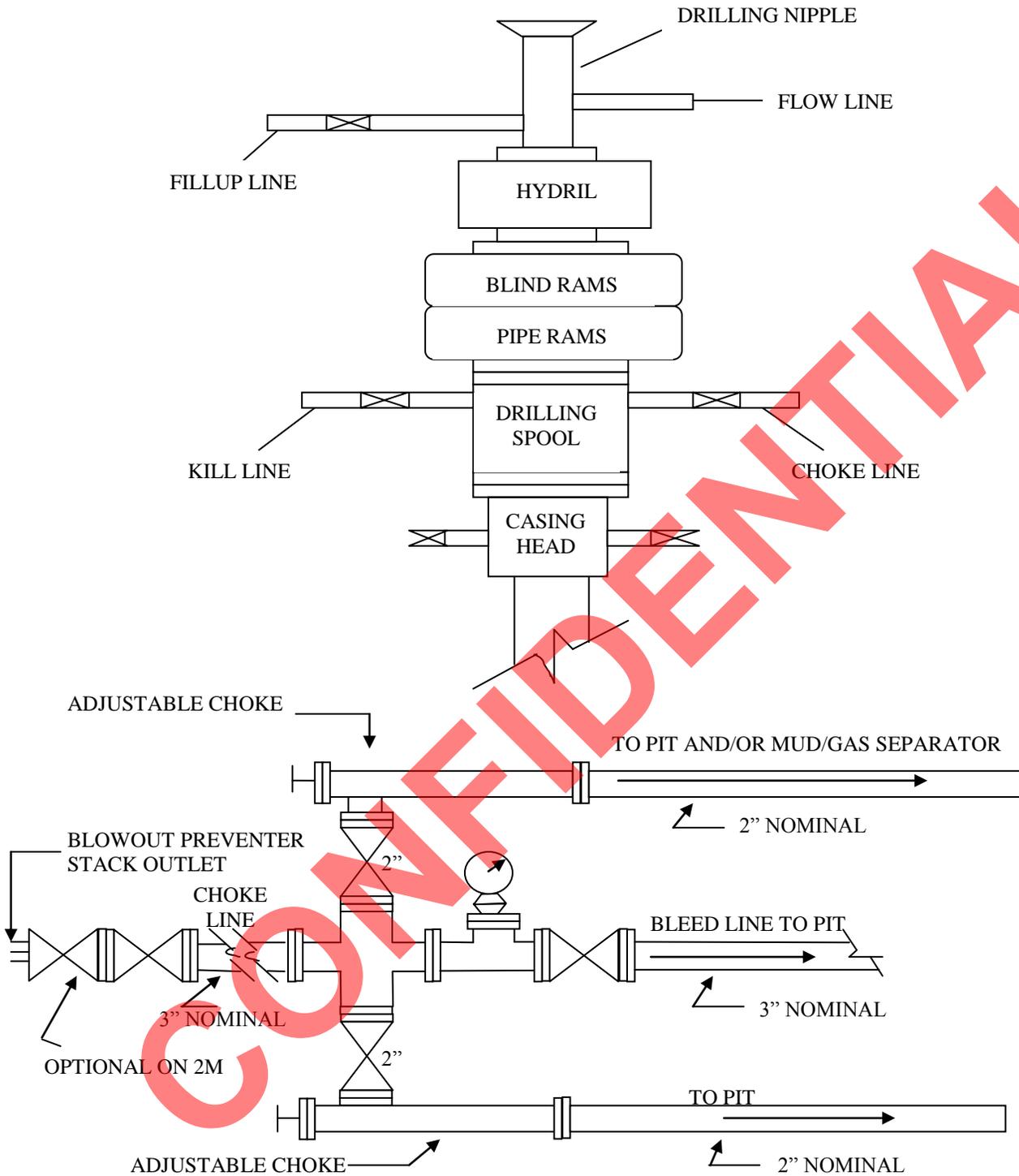


Plan: Plan #1 (UT 04-13Q/Wellbore #1)
Created By: Janie Cooke Date: 14:44, May 09 2011
PROJECT DETAILS: Duchesne County, UT NAD83
Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: Utah Central Zone
System Datum: Mean Sea Level

Vertical Section at 277.29° (1000 ft/in)

RECEIVED: Jun. 28, 2011

### SCHEMATIC DIAGRAM OF 2000 PSI BOP STACK



**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 04-13Q Well, located in the SW/SW of Section 4, T5S, R3W, Duchesne County, Utah; Lease #14-20-H62-3503**; 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.

\_\_\_\_\_  
Date

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

**CONFIDENTIAL**

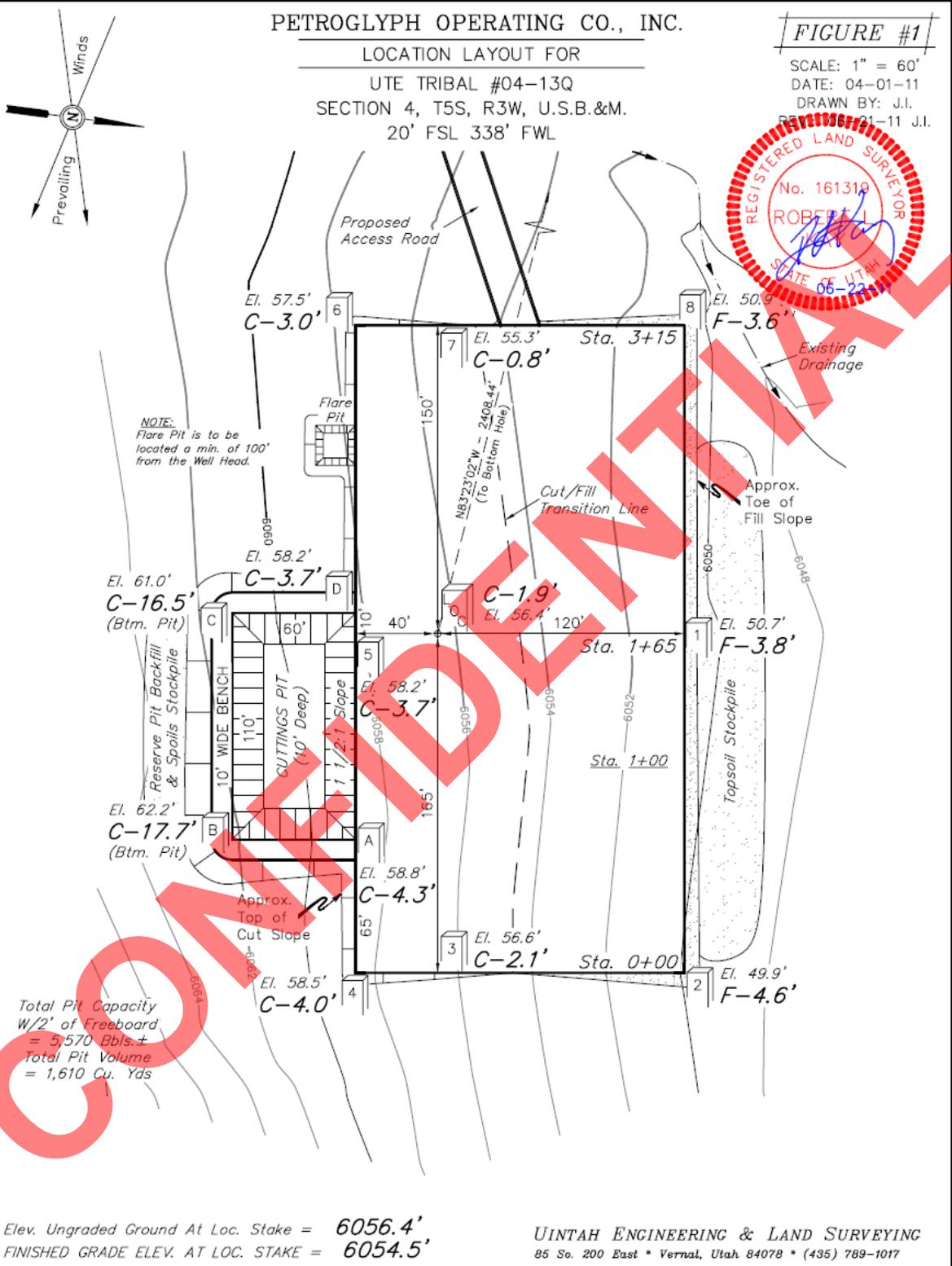
PETROGLYPH OPERATING CO., INC.

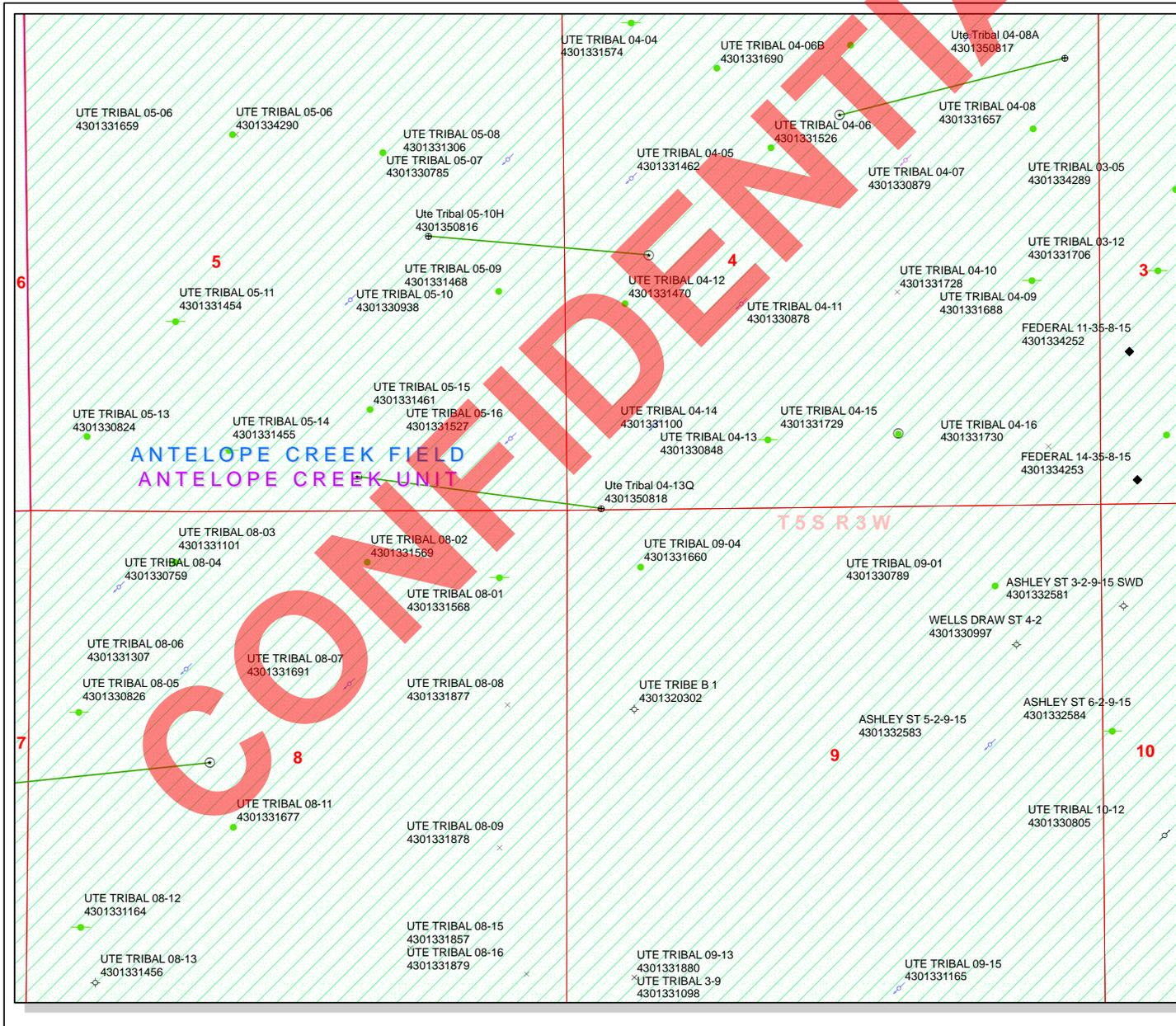
LOCATION LAYOUT FOR

UTE TRIBAL #04-13Q  
SECTION 4, T5S, R3W, U.S.B.&M.  
20' FSL 338' FWL

FIGURE #1

SCALE: 1" = 60'  
DATE: 04-01-11  
DRAWN BY: J.I.  
REVISED BY: J.I.

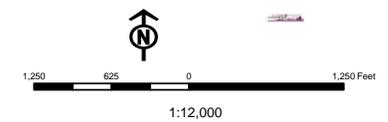




**API Number: 4301350818**  
**Well Name: Ute Tribal 04-13Q**  
**Township T0.5 . Range R0.3 . Section 04**  
**Meridian: UBM**  
**Operator: PETROGLYPH OPERATING CO**

Map Prepared:  
 Map Produced by Diana Mason

Units STATUS	Wells Query Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERML	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
Unknown	SGW - Shut-in Gas Well
ABANDONED	SOW - Shut-in Oil Well
ACTIVE	TA - Temp. Abandoned
COMBINED	TW - Test Well
INACTIVE	WDW - Water Disposal
STORAGE	WIW - Water Injection Well
TERMINATED	WSW - Water Supply Well
Sections	
Township	



## WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 6/2/2011

**API NO. ASSIGNED:** 43013508180000

**WELL NAME:** Ute Tribal 04-13Q

**OPERATOR:** PETROGLYPH OPERATING CO (N3800)

**PHONE NUMBER:** 435 789-4120

**CONTACT:** Ed Trotter

**PROPOSED LOCATION:** SWSW 04 050S 030W

**Permit Tech Review:**

**SURFACE:** 0020 FSL 0338 FWL

**Engineering Review:**

**BOTTOM:** 0335 FSL 2050 FEL

**Geology Review:**

**COUNTY:** DUCHESNE

**LATITUDE:** 40.06836

**LONGITUDE:** -110.23539

**UTM SURF EASTINGS:** 565204.00

**NORTHINGS:** 4435414.00

**FIELD NAME:** ANTELOPE CREEK

**LEASE TYPE:** 2 - Indian

**LEASE NUMBER:** 14-20-H62-3503

**PROPOSED PRODUCING FORMATION(S):** DOUGLAS CREEK

**SURFACE OWNER:** 2 - Indian

**COALBED METHANE:** NO

**RECEIVED AND/OR REVIEWED:**

- PLAT
- Bond: INDIAN - BO 4556
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 43-8342
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

**Commingling Approved**

**LOCATION AND SITING:**

- R649-2-3.
- Unit:** ANTELOPE CREEK
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No:** Cause 214-2
- Effective Date:** 6/9/2000
- Siting:** Suspends General Siting
- R649-3-11. Directional Drill

**Comments:** Presite Completed

**Stipulations:** 4 - Federal Approval - dmason  
15 - Directional - bhill



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

### Permit To Drill

\*\*\*\*\*

**Well Name:** Ute Tribal 04-13Q  
**API Well Number:** 43013508180000  
**Lease Number:** 14-20-H62-3503  
**Surface Owner:** INDIAN  
**Approval Date:** 6/28/2011

**Issued to:**

PETROGLYPH OPERATING CO, 960 Broadway Ave, Ste 500, Bosie, ID 83703

**Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 214-2. The expected producing formation or pool is the DOUGLAS CREEK Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

**Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

**General:**

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

**Conditions of Approval:**

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

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

**Notification Requirements:**

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

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

OR

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

**Reporting Requirements:**

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

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

**Approved By:**

A handwritten signature in black ink, appearing to read "John Rogers", written over a faint, illegible stamp or background.

For John Rogers  
Associate Director, Oil & Gas

**RECEIVED**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**VERNAL, UTAH**

~~AUG 01 2011~~  
JUN 03 2011

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>14-20-H62-3503</b>
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>UTE INDIAN TRIBE</b>
2. Name of Operator <b>PETROGLYPH OPERATING CO., INC.</b>		7. If Unit or CA Agreement, Name and No. <b>14-20-H62-4650</b>
3a. Address <b>P.O. BOX 1910 VERNAL, UT 84078</b>	3b. Phone No. (Include area code) <b>(435)789-4120</b>	8. Lease Name and Well No. <b>UTE TRIBAL 04-13Q</b>
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface <b>20' FSL &amp; 338' FWL, SW/SW, Sec. 4, T5S, R3W</b> At proposed bottom hole <b>335' FSL &amp; 2050' FEL, SW/SE, Sec. 5, T5S, R3W</b>		9. API Well No. <b>43-013-50818</b>
14. Distance in miles and direction from nearest town or post office* <b>17.3 MILES SOUTHWEST OF MYTON, UTAH</b>		10. Field and Pool, or Exploratory <b>ANTELOPE CREEK</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any) <b>20'</b>	16. No. of Acres in lease <b>727.80</b>	11. Sec., T., R., M., or Blk. and Survey or Area <b>SEC. 4, T5S, R3W U.S.B.&amp;M.</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>See Topo Map "C"</b>	19. Proposed Depth <b>7604' TMD 5400' TVD</b>	12. County or Parish <b>DUCHESNE</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>6054.5 FEET GRADED GROUND</b>	22. Approximate date work will start* <b>UPON APPROVAL</b>	13. State <b>UTAH</b>
20. BLM/BIA Bond No. on file <b>BO 4556</b>		
23. Estimated duration <b>15 DAYS</b>		

**CONFIDENTIAL**

**CONFIDENTIAL**

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) <b>Ed Trotter</b>	Date <b>June 2, 2011</b>
Title <b>Agent</b>		

Approved by (Signature) 	Name (Printed/Typed) <b>Jerry Kenczka</b>	Date <b>FEB 13 2012</b>
Title <b>Assistant Field Manager Lands &amp; Mineral Resources</b>		
Office <b>VERNAL FIELD OFFICE</b>		

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 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.

**RECEIVED**  
**FEB 27 2012**

\*(Continued on page 2)



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



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

<b>Company:</b>	<b>Petroglyph Operating CO., Inc</b>	<b>Location:</b>	<b>SWSW, Sec. 4, T5S, R3W</b>
<b>Well No:</b>	<b>Ute Tribal 04-13Q</b>	<b>Lease No:</b>	<b>14-20-H62-3503</b>
<b>API No:</b>	<b>43-013-50818</b>	<b>Agreement:</b>	<b>Antelope Creek</b>

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

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

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

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

**NOTIFICATION REQUIREMENTS**

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

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

- All areas of disturbance (including surface pipelines) must have appropriate surface use agreements or approvals in place with the proper owner and/or agency before such action is started.
- The conditions as set forth by those owners and/or agencies.

**General Conditions of Approval:**

- A 30' foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department and the BLM will 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 will 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 will be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

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

**SITE SPECIFIC DOWNHOLE COAs:**

- Gamma Ray Log shall be run from Total Depth to Surface.
- Operator shall also comply with applicable laws and regulations; with lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.
- Variances shall be granted for the air drilling of the Surface hole from Onshore Order 2, Subsection III as listed below:
  - a. Blooie line discharge to be approximately 75 feet from well bore and securely anchored.
  - b. A properly lubricated and maintained diverter bowl instead of a rotating head.
  - c. Compressors will be located as close as reasonable to the opposite direction from the blooie line and 75 feet from the well bore.
  - d. An air mist system will be used instead of an automatic igniter on the blooie line.
  - e. A mister will be used instead of deduster equipment at the end of the blooie line.
  - f. Due to the location of the flare pit two "T's" will be utilized on the blooie line.
- Operator will have on location sufficient water to be used as a "mud-kill medium" during the air drilling of the surface hole prior to the well spud.

**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 BLM\_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.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at [www.ONRR.gov](http://www.ONRR.gov).
- 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 ( $\frac{1}{4}$  Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE	<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO	<b>9. API NUMBER:</b> 43013508180000
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Ave, Ste 500 , Bosie, ID, 83703	<b>PHONE NUMBER:</b> 208 685-7674 Ext
<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK	<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U
<b>COUNTY:</b> DUCHESNE	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/16/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

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

**Date:** June 28, 2012

**By:**

<b>NAME (PLEASE PRINT)</b> Ed Trotter	<b>PHONE NUMBER</b> 435 789-4120	<b>TITLE</b> Agent
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/28/2012	



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

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43013508180000**

API: 43013508180000

Well Name: UTE TRIBAL 04-13Q

Location: 0020 FSL 0338 FWL QTR SWSW SEC 04 TWNP 050S RNG 030W MER U

Company Permit Issued to: PETROGLYPH OPERATING CO

Date Original Permit Issued: 6/28/2011

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

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

Signature: Ed Trotter

Date: 6/28/2012

Title: Agent

Representing: PETROGLYPH OPERATING CO

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE  <b>7.UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO	<b>9. API NUMBER:</b> 43013508180000
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Ave, Ste 500 , Bosie, ID, 83703	<b>PHONE NUMBER:</b> 208 685-7674 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U	<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/1/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input checked="" type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

All produced water will be trucked or pumped through pipeline to a water injection pump station for injection. Water injection pump stations are located at the following: Ute Tribal 21-11 NESW Section 21, T5S, R3W Duchesne County, Utah, Ute Tribal 18-08 SENE Section 18, T5S, R3W Duchesne County, Utah, and Ute Tribal 34-12-D3 NWSW Section 34, T4S, R3W Duchesne County, Utah.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 06, 2012

<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/2/2012	

BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Rig Name/# Craig's Bkt Rig  
Submitted By Rodrigo Jurado Phone Number 435-722-5302  
Well Name/Number Ute Tribal 04-13Q  
Qtr/Qtr SWSW Section 4 Township 5S Range 3W  
Lease Serial Number 14-20-H62-3503  
API Number 43-013-50818

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

Date/Time <sup>10</sup>~~11~~/19/2012 08:00 AM  PM

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

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

Date/Time \_\_\_\_\_ AM  PM

BOPE

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

RECEIVED  
OCT 17 2012  
DIV. OF OIL, GAS & MINING

Date/Time \_\_\_\_\_ AM  PM

Remarks We plan to set 40' of 16" conductor at the time referenced above. (sent 10/17/2012 @ 11:45 A.M.)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>9. API NUMBER:</b> 43013508180000
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Bosie, ID, 83703	<b>PHONE NUMBER:</b> 208 685-7685 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 10/22/2012  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
We spudded this well on 10/22/2012. We set 40' of 16" Conductor.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 26, 2012</b>		
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/26/2012	

BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Rig Name/# Craig's Bkt Rig  
Submitted By Rodrigo Jurado Phone Number 435-722-5302  
Well Name/Number Ute Tribal 04-13Q  
Qtr/Qtr SWSW Section 4 Township 5S Range 3W  
Lease Serial Number 14-20-H62-3503  
API Number 43-013-50818

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

Date/Time 10/22/2012 08:00 AM  PM

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

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

RECEIVED  
OCT 23 2012

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 We plan to set 40' of 16" conductor at the time referenced above. (sent 10/22/2012 @ 9:30 A.M.)

BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Rig Name/# Craig's Bkt Rig  
Submitted By Rodrigo Jurado Phone Number 435-722-5302  
Well Name/Number Ute Tribal 04-13Q  
Qtr/Qtr SWSW Section 4 Township 5S Range 3W  
Lease Serial Number 14-20-H62-3503  
API Number 43-013-50818

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

Date/Time \_\_\_\_\_ AM  PM

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

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

Date/Time 10/30/2012 05:00 AM  PM

BOPE

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

RECEIVED  
OCT 30 2012  
DIV. OF OIL, GAS & MINING

Date/Time \_\_\_\_\_ AM  PM

Remarks We plan to set 500' of 10-3/4" J-55 Casing at the time referenced above. (sent 10/29/2012 @ 10:00 A.M.)

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

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
4301350818	Ute Tribal 04-13Q		SWSW	4	5S	3W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	11871	10/22/2012			10/31/12	
Comments: Please add to existing 08-01 Tank Battery. GRRV BHL: S5 SWSE							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301334302	Ute Tribal 20-02O		NWNE	20	5S	3W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	12085	10/25/2012			10/31/12	
Comments: Please add to existing 17-15 Tank Battery. GRRV BHL:							

**Well 3**

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

**ACTION CODES:**

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

**RECEIVED**  
**OCT 30 2012**

Rodrigo Jurado

Name (Please Print)

*[Signature]*  
Signature

Regulatory Compliance Spc

10/26/2012

Title

Date

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503
---	--

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE  <b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
--	---

<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q
------------------------------------	--

<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO	<b>9. API NUMBER:</b> 43013508180000
--	---

<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Bosie, ID, 83703	<b>PHONE NUMBER:</b> 208 685-7685 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK
---	--	--

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U	<b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/22/2012  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

We intend to **upsized our surface casing** from 9-5/8" J-55 36#/ft STC to 10-3/4" J-55 40.5#/ft STC.

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

**Date:** November 08, 2012

**By:** *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/17/2012	

BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Rig Name/# Craig's Bkt Rig  
Submitted By Rodrigo Jurado Phone Number 435-722-5302  
Well Name/Number Ute Tribal 04-13Q  
Qtr/Qtr SWSW Section 4 Township 5S Range 3W  
Lease Serial Number 14-20-H62-3503  
API Number 43-013-50818

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

Date/Time 11/19/2012 08:00 AM  PM

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

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

RECEIVED  
NOV 15 2012  
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 We plan to set 40' of 16" conductor at the time referenced above. (sent 10/17/2012 @ 11:45 A.M.)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503	
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE	
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK	
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q	
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Boise, ID, 83703		<b>9. API NUMBER:</b> 43013508180000	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U		<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK	
		<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/5/2013	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
As of the date referenced above, this well is waiting for a rig.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 26, 2013</b>			
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado		<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/26/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q
<b>1. TYPE OF WELL</b> Oil Well	<b>9. API NUMBER:</b> 43013508180000	
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO	<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK	
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Boise, ID, 83703	<b>PHONE NUMBER:</b> 208 685-7685 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/5/2013	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
As of the date referenced above, this well is waiting for a rig.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 26, 2013</b>		
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/10/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q
<b>1. TYPE OF WELL</b> Oil Well	<b>9. API NUMBER:</b> 43013508180000	
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO	<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK	
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Boise, ID, 83703	<b>PHONE NUMBER:</b> 208 685-7685 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/5/2013	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION  <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
As of the date referenced above, this well is waiting for a rig.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 08, 2013</b>		
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/8/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q	
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO	<b>9. API NUMBER:</b> 43013508180000	
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Boise, ID, 83703	<b>PHONE NUMBER:</b> 208 685-7685 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/1/2013	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
As of the date referenced above, this well is waiting for a rig.		
		<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 10, 2013</b>
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/1/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK	
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q	
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>9. API NUMBER:</b> 43013508180000	
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Boise, ID, 83703	<b>PHONE NUMBER:</b> 208 685-7685 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U		<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/5/2013	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
As of the date referenced above, this well is waiting for a rig.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 12, 2013</b>			
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc	
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/6/2013		

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Boise, ID, 83703		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U		<b>9. API NUMBER:</b> 43013508180000
<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK		<b>COUNTY:</b> DUCHESNE
<b>STATE:</b> UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/5/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. As of the date referenced above, this well is waiting for a rig.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          October 02, 2013</b>		
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/11/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Boise, ID, 83703		<b>9. API NUMBER:</b> 43013508180000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U		<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/5/2013	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

As of the date referenced above, this well is waiting for a rig.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
October 07, 2013**

<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/7/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-3503
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: ANTELOPE CREEK
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		8. WELL NAME and NUMBER: UTE TRIBAL 04-13Q
3. ADDRESS OF OPERATOR: 960 Broadway Avenue, Ste 500, Boise, ID, 83703		9. API NUMBER: 43013508180000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0020 FSL 0338 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U		9. FIELD and POOL or WILDCAT: ANTELOPE CREEK
		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/17/2014	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			
	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Revised Drilling Plan"/>	

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

This well was spud on 10/22/2012. The 12-3/4" Surface hole was drilled to 510' and 500' of 10-3/4", J-55, 40.5#/ft, STC Surface Casing was set. Petroglyph Operating Company proposes to drill well as a vertical wellbore that will produce only from the Green River Formation. The well would be drilled according to the approved plan except for the following changes: 1. 7-7/8" Hole would be drilled for the production string instead of the 8-1/4" and 6-1/8" hole in the approved plan. 2.5-1/2" J-55 Production Casing would be set and cemented to surface instead of a 7" L-80 Intermediate with an un-cemented 4-1/2" liner. 3. Cement volumes would be adjusted to volumes appropriate for getting returns to surface with 5-1/2" Casing in 7-7/8" hole and 10-3/4" Surface Casing. 4. The directional build and lateral would not be drilled. Work to be performed under bond # 4138153

**Approved by the  
 Utah Division of  
 Oil, Gas and Mining  
 May 27, 2014**

Date: \_\_\_\_\_  
 By: 

NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A	DATE 4/14/2014	





Diana Mason <dianawhitney@utah.gov>

---

## RE: Sundry For API Well Number 43013508180000

---

Rodrigo Jurado <rjurado@pgei.com>  
To: Diana Mason <dianawhitney@utah.gov>

Thu, May 15, 2014 at 9:39 AM

Good Morning Diana,

I've penciled in a large \* in the Estimated Tops of Important Geological Markers table in the Castle Peak Limestone line. The Castle Peak is typically the lowest member of the member of the Green River we complete and produce from. The language in the sundry notice also states "Petroglyph Operating Company proposes to drill well as a vertical wellbore that will produce only from the Green River Formation". Both of these steps were mentioned as solutions in earlier emails. I don't want to change the TD in the drilling plan because we drilled the well as planned, into the Wasatch. I hope this provides the needed clarity to process this sundry.

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

From: Diana Mason [mailto:dianawhitney@utah.gov]  
Sent: Wednesday, May 14, 2014 4:35 PM  
To: Rodrigo Jurado  
Subject: Re: Sundry For API Well Number 43013508180000

I am looking at the page attached. That is saying at the TD is Wasatch.

On Wed, May 14, 2014 at 4:29 PM, Rodrigo Jurado <rjurado@pgei.com> wrote:

> I went ahead and changed the language in the sundry notice to state that we intend to produce the Green River Formation. I figured that would be enough. We routinely drill a couple hundred feet into the Wasatch but do not produce it. Have a look at it and let me know if I need to change the attachment. Although I'm hesitant to do that because it's been drilled.

> Rodrigo

>

> Sent from my iPhone

>

>> On May 14, 2014, at 3:51 PM, "Diana Mason" <dianawhitney@utah.gov> wrote:

>>

>> Are you still going to change this? It still showing Formation at TD: Wasatch.

>>

>>> On Thu, May 8, 2014 at 2:26 PM, Rodrigo Jurado <rjurado@pgei.com> wrote:

>>> Oh, OK. This sounds like a miscommunication. We aren't going to produce the Wasatch. This will be a Green River Well. I will go in and edit the sundry, clearly stating that we plan to complete and produce the GR. I'm sorry, I will keep this in mind for any future revisions or changes to drilling plans. Thank you for clearing this up.

>>>

>>>

>>>

>>> -----Original Message-----

>>> From: Diana Mason [mailto:dianawhitney@utah.gov]

>>> Sent: Thursday, May 08, 2014 1:27 PM

>>> To: Rodrigo Jurado

>>> Subject: Re: Sundry For API Well Number 43013508180000

>>>

>>> Antelope Creek is for the Green River. This one is for the Wasatch.

>>> If you need to change the TD then you need to put an \*next to the

>>> Producing zone or clearly state which zone you'd like. We go off the  
>>> last one on the list which is the Wasatch.

>>>

>>>> On Thu, May 8, 2014 at 12:51 PM, Rodrigo Jurado <[rjurado@pgei.com](mailto:rjurado@pgei.com)> wrote:

>>>> Hi Diana,

>>>> I will be glad to provide you with an exception letter, however, we've never needed an exception letter before. We've made these types of changes to numerous wells in the past two years and everything has been satisfactory. At a glance, this well falls within the 20 acre spacing of our Antelope Creek Unit. Our Ute Tribal 20-020 is a well in a very similar situation and it was approved without an exception letter.

>>>> Please give me a little more information on the requirement this letter will satisfy and I can get started on that letter. Please understand I'm not trying to be argumentative, I'm just trying to gather information for the questions that my managers will ask.

>>>> Thanks,

>>>>

>>>> Rodrigo Jurado

>>>> Petroglyph Operating Company, Inc.

>>>> Regulatory Compliance Specialist

>>>> P.O. BOX 607

>>>> Roosevelt, UT 84066

>>>> OFFICE: (435) 722-5302

>>>> MOBILE: (435) 609-3239

>>>> FAX: (435) 722-9145

>>>>

>>>>

>>>>

>>>>

>>>> ---Original Message---

>>>> From: [dianawhitney@utah.gov](mailto:dianawhitney@utah.gov) [mailto:[dianawhitney@utah.gov](mailto:dianawhitney@utah.gov)]

>>>> Sent: Thursday, May 08, 2014 11:28 AM

>>>> To: Rodrigo Jurado

>>>> Subject: Sundry For API Well Number 43013508180000

>>>>

>>>> Notice of Intent: OTHER

>>>> API Number: 43013508180000

>>>> Operator: PETROGLYPH OPERATING CO

>>>>

>>>> Needs an exception location letter.

>>>>

>>>> The contents of this e-mail and any attachments are intended solely for the use of the named addressee(s) and may contain confidential and/or privileged information. Any unauthorized use, copying, disclosure, or distribution of the contents of this e-mail or attachments is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender immediately and destroy all copies of the communication and any attachments.

>>>

>>> The contents of this e-mail and any attachments are intended solely for the use of the named addressee(s) and may contain confidential and/or privileged information. Any unauthorized use, copying, disclosure, or distribution of the contents of this e-mail or attachments is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender immediately and destroy all copies of the communication and any attachments.

>

> The contents of this e-mail and any attachments are intended solely for the use of the named addressee(s) and may contain confidential and/or privileged information. Any unauthorized use, copying, disclosure, or distribution of the contents of this e-mail or attachments is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender immediately and destroy all copies of the communication and any attachments.

The contents of this e-mail and any attachments are intended solely for the use of the named addressee(s) and

Sundry Number: 49966 API Well Number: 43013508180000

may contain confidential and/or privileged information. Any unauthorized use, copying, disclosure, or distribution of the contents of this e-mail or attachments is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender immediately and destroy all copies of the communication and any attachments.

RECEIVED: May. 15, 2014

**CONFIDENTIAL**  
**EIGHT POINT DRILLING PLAN**  
**PETROGLYPH OPERATING COMPANY, INC**  
**UTE TRIBAL 04-13Q**  
**SW SW, SEC 4, T5S, R3W**  
**DUCHESNE COUNTY, UTAH**

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

Formation		Subsea	MD
Rig KB=13' above GGL		6068	0
Surface Formation = Uinta			
Uinta		6055	13
Green River		4450	1618
Trona		3228	2840
Mahogany Shale		3088	2980
"B" Marker	Waterflood Unit Interval	1965	4103
"X" Marker		1477	4591
Douglas Creek Marker		1329	4739
"B" Limestone		937	5131
Base Castle Peak Limestone *		383	5685
BSCARB		-18	6086
Wasatch		-290	6358
Formation at TD: Wasatch		RIG TD	-320

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

<u>Substance</u>	<u>Formation</u>	<u>SUBSEA</u>	<u>MD</u>
Base of moderately saline ground water*	Uinta	6000	68
Oil/Gas	Douglas Creek	1329	4739
Oil/Gas	Castle Peak	383	5685

Any water encountered during drilling shall be sampled, analyzed and reported to the BLM Vernal office using State of Utah DOGM Form 7 *Report of Water Encountered during Drilling*. The following analyses shall be performed on any water encountered:

Flow rate (or blowtest)	Temperature	pH	TDS
Dissolved Iron	Dissolved Magnesium	Dissolved Bicarb.	Dissolved Sulfate
Dissolved Calcium	Dissolved Sodium	Dissolved Carbonate	Dissolved Chloride

All depths through the "Base of moderately saline ground water"\*, along with any water encountered below that depth which is less than 10,000 TDS, shall be protected by the surface casing or by lifting the cement of the production casing into the surface casing.

\*Base of Moderately Saline Groundwater from Howells, Longson and Hunt, 1981, Utah State Technical Publication 92: The Base of the Moderately Saline Water in the Uinta Basin, Utah

**CONFIDENTIAL**  
**EIGHT POINT DRILLING PLAN**  
**PETROGLYPH OPERATING COMPANY, INC**  
**UTE TRIBAL 04-13Q**  
**SW SW, SEC 4, T5S, R3W**  
**DUCHESNE COUNTY, UTAH**

**3. PROPOSED CASING PROGRAM:**

String	Hole	Casing	Top - MD	Bottom - MD	Weight lb/ft	Grade	Thread
Conductor	20"	14"	surface	53'	steel	Cond'r	none
Surface	12-1/4"	10-3/4"	surface	493'	40.5	J-55	STC
Production	7-7/8"	5-1/2"	surface	6388'	15.5	J-55	LTC

String	Hole	Casing	Collapse	Burst	Tensile
Surface	12-1/4"	10-3/4"	1,370 psi	2,950 psi	244,000 lb
Production	7-7/8"	5-1/2"	4,040 psi	4,810 psi	248,000 lb

- All casing will be new or inspected.
- The surface and production strings shall have a minimum of one (1) centralizer on each of the bottom three (3) joints.
- The production string shall have a minimum of one (1) centralizer for every three (3) joints from TD to the top of the "B" marker at 4103'MD.

**4. PROPOSED CEMENTING PROGRAM:**

String	Top	Cement Description	Sacks	Excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
	Bottom		Vol (ft <sup>3</sup> )			
Conductor	0 ----- 53	Construction Grade Cement	Sufficient volumes to grout Conductor			
Surface	0 ----- 493	Class G +2% CaCl <sub>2</sub> +0.25 lb/sk Cello Flake	103 ----- 121	30%	15.8	1.17
Production Lead	0 ----- 4103	EXPANDACEM (Class G +additives) + 1 lb/sk Granulite TR¼ (LCM)	481 ----- 924	30%	12.5	1.92
Production Tail	4103 ----- 6388	EXPANDACEM (Class G +additives) + 1 lb/sk Granulite TR¼ (LCM)	353 ----- 515	30%	13.4	1.46

- The 10-3/4" surface casing shall be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.
- The 5-1/2" production casing shall be cemented back to surface. In the event that during the primary cementing operation the cement does not circulate to surface, a remedial cementing operation shall be performed only if necessary to lift cement above the Trona at 2840'MD.

**CONFIDENTIAL**  
**EIGHT POINT DRILLING PLAN**  
**PETROGLYPH OPERATING COMPANY, INC**  
**UTE TRIBAL 04-13Q**  
**SW SW, SEC 4, T5S, R3W**  
**DUCHESNE COUNTY, UTAH**

**5. MINIMUM PRESSURE CONTROL AND SAFETY EQUIPMENT:**

- An 8", 2000 PSI, Double Ram BOPE with Hydraulic Closing Unit shall be used.
- A 2000 PSI Working Pressure Annular shall be used.
- The flowline shall have a minimum diameter of 10".
- Auxiliary equipment shall be a Kelly Cock, Bit Float, and a TIW valve with drill pipe threads.
- Spark arrestors shall be equipped on all engine exhausts within 100 feet of the wellbore.
- See attached 2,000 psi BOP schematic diagram.

**BOPE TESTING PROCEDURE:**

- The BOPE shall be tested by a professional tester to conform to the standards of Onshore Order #2.

**6. MUD PROGRAM:**

**A. SURFACE HOLE**

- The surface hole will be drilled with an air/mist system from 0' to 493'. All cuttings shall be directed to pit.
- A trailer-mounted compressor with a capacity of 2000 CFM will be used. Compressor will have a safety shut-off valve located less than 15 feet from the driller's controls of the rig.
- The rat and mouse holes will be drilled with the air rig after surface casing is cemented.
- The 140 barrel water truck used with the deduster will be the source of kill fluid in the highly unlikely event of pressure being encountered during drilling of the surface hole.
- Operator requests the following variances from Onshore Order 2 part E during drilling of the surface hole. Operator will use air drilling techniques only on surface hole:
  - Operator requests a variance to regulations requiring the blooie line discharge to be 100' from the wellbore. Due to reduced location size, the blooie line discharge will be approximately 75' from the wellbore and securely anchored.
  - Operator requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. A mister shall be on the end of the blooie line.
  - Operator requests a variance to regulations requiring compressors be located in the opposite direction from the blooie line; a minimum of 100' from the wellbore. Due to the reduced location size, the compressors shall be located as close as is reasonable to the opposite direction from the blooie line and 75' from the wellbore.
  - Operator requests a variance to regulations requiring a BOPE on the hole when drilling the surface hole. An air bowl shall be utilized on the diverter system in place of a BOPE.

**CONFIDENTIAL**  
**EIGHT POINT DRILLING PLAN**  
**PETROGLYPH OPERATING COMPANY, INC**  
**UTE TRIBAL 04-13Q**  
**SW SW, SEC 4, T5S, R3W**  
**DUCHESNE COUNTY, UTAH**

**B. PRODUCTION HOLE**

- The production hole shall be drilled with a freshwater polymer system from 493' to 6388'. LSND mud if conditions warrant.
- Clay inhibition and hole stability shall be achieved with a Diammonium Phosphate (DAP) additive or similar source of clay-stabilizing ions. Anticipated mud weight is 8.3-8.4 lbs/gal.
- All cuttings and circulating medium shall be directed into the reserve pit. Total Dissolved Solids (TDS) are anticipated to be less than 3000 PPM.
- Sufficient mud inventory will be maintained on location in either tanks or the reserve pit during the drilling of the production hole to handle any adverse conditions that may arise.
- If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. Enough material shall be maintained on location to allow for the mudweight to be raised to 10 lbs/gal should need arise.
- During drilling operations, pit levels and flow from the well shall be monitored by instrumentation to include at least: a pit volume totalizer (PVT), a stroke counter, and a mud-flow indicator.
- A mud-gas separator shall be available on location. Operator does not plan on using a gas detector on the mud return due to the fact that any abnormal pressure is the result of offset water injection.

**C. HAZARDOUS MATERIALS AND POLLUTANTS**

- Chromate additives **shall NOT** be used in the mud system on Indian lands without prior BLM approval to ensure adequate protection of freshwater aquifers.
- Chemicals subject to reporting under SARA Title III in an amounts equal to or greater than 10,000 pounds annually **shall NOT** be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of this well.
- Extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities **shall NOT** be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of this well.
- Hazardous substances specifically listed by the EPA as a hazardous waste, as defined in 40 CFR 261 (D), or any substances that through their use would lead to the generation of a hazardous waste, **shall NOT** be used in association with the drilling, testing, or completion of this well.

**CONFIDENTIAL**  
**EIGHT POINT DRILLING PLAN**  
**PETROGLYPH OPERATING COMPANY, INC**  
**UTE TRIBAL 04-13Q**  
**SW SW, SEC 4, T5S, R3W**  
**DUCHESNE COUNTY, UTAH**

**7. EVALUATION PROGRAM:**

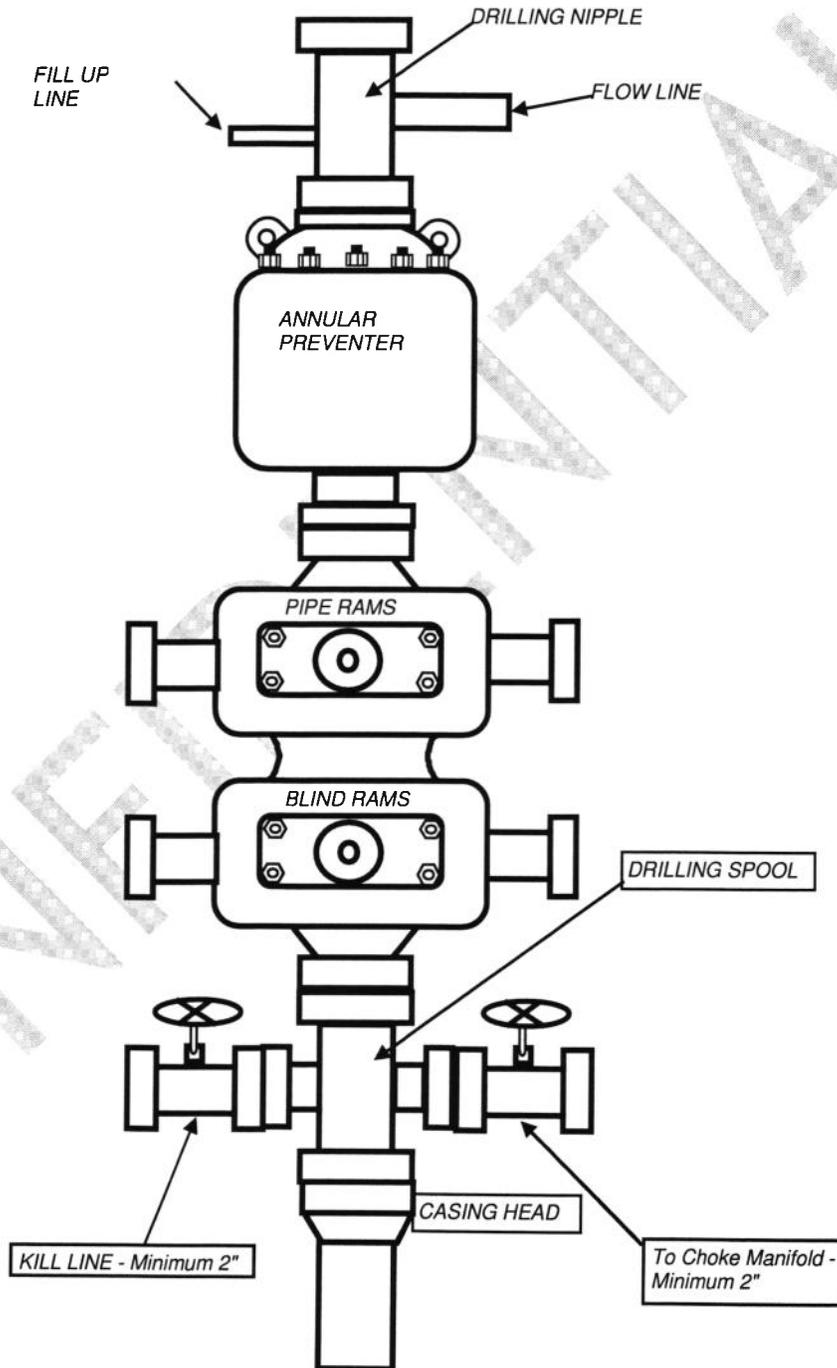
Logs:	Triple Combo	TD to base of surface casing (AIT, DSN, CDL) Base of surface casing to surface (GR only)
Cores:	None planned	
DST:	None planned	
Testing:	Operator plans no testing until the completion phase of the well.	

**8. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

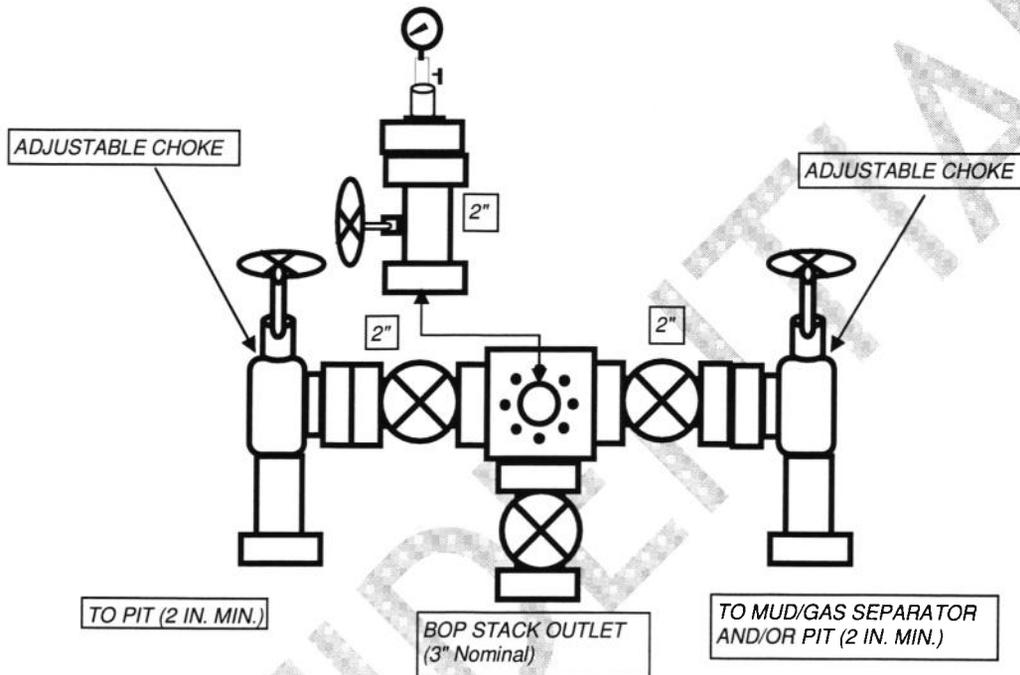
- Operator anticipates Bottom Hole Temperatures below 150°F, the maximum temperature for DAP drilling fluids.
- No H<sub>2</sub>S has been encountered or is known to exist from previous drilling in the area at this depth.
- Maximum pressure for hydrocarbon bearing zones at native conditions in this area is approximately 1597 PSI (0.25 PSI/ft gradient).
- This well is in the vicinity of active injection wells. Nearby active injection can cause pressures up to a 0.433 PSI/ft gradient (9153 PSI).

**CONFIDENTIAL**  
**EIGHT POINT DRILLING PLAN**  
**PETROGLYPH OPERATING COMPANY, INC**  
**UTE TRIBAL 04-13Q**  
**SW SW, SEC 4, T5S, R3W**  
**DUCHESNE COUNTY, UTAH**

TYPICAL 2,000 p.s.i. BLOWOUT PREVENTER



**CONFIDENTIAL**  
**EIGHT POINT DRILLING PLAN**  
**PETROGLYPH OPERATING COMPANY, INC**  
**UTE TRIBAL 04-13Q**  
**SW SW, SEC 4, T5S, R3W**  
**DUCHESNE COUNTY, UTAH**  
**TYPICAL 2,000 p.s.i. CHOKE MANIFOLD**



# PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #04-13Q  
LOCATED IN DUCHESNE COUNTY, UTAH  
SECTION 4, T5S, R3W, U.S.B.&M.

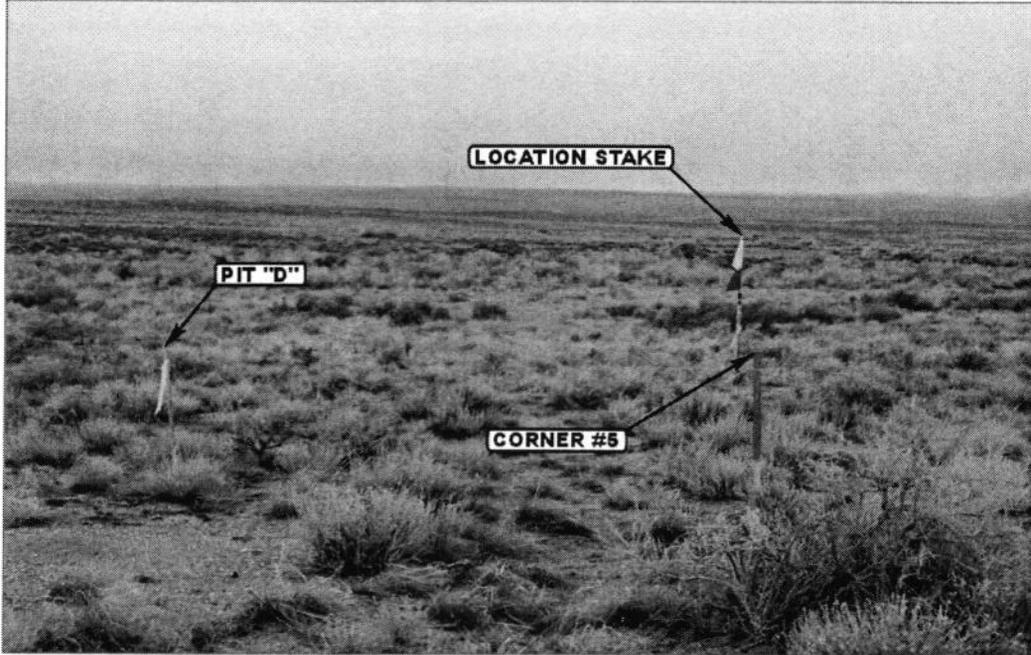


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -



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

LOCATION PHOTOS

03 29 11  
MONTH DAY YEAR

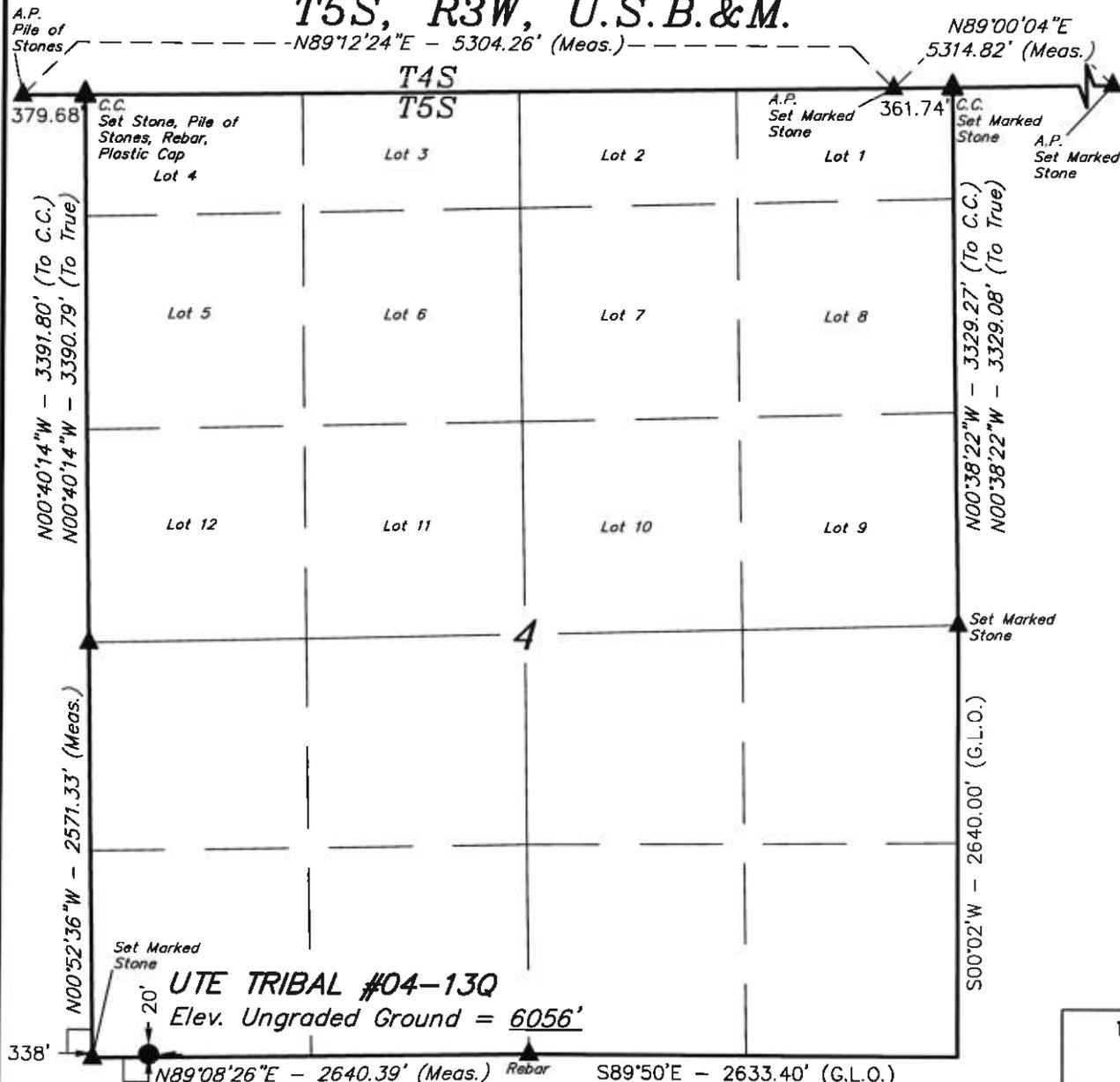
PHOTO

TAKEN BY: G.S.

DRAWN BY: S.F.

REVISED: 00-00-00

# T5S, R3W, U.S.B.&M.



## PETROGLYPH OPERATING CO., INC.

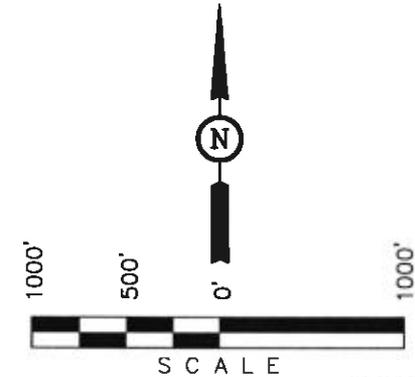
Well location, UTE TRIBAL #04-13Q, located as shown in the SW 1/4 SW 1/4 of Section 4, T5S, R3W, U.S.B.&M., Duchesne County, Utah.

### BASIS OF ELEVATION

BRASS CAP SET IN CONCRETE BY SUNRISE ENGINEERING LOCATED IN THE SE 1/4 OF SECTION 16, T5S, R3W, U.S.B.&M. SAID ELEVATION IS MARKED AS BEING 6281.9 FEET.

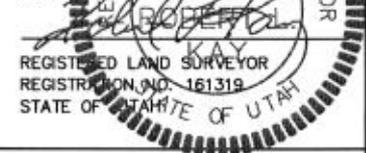
### BASIS OF BEARINGS

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



### CERTIFICATE

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



### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

(NAD 83)  
 LATITUDE = 40°04'06.16" (40.068378)  
 LONGITUDE = 110°14'10.03" (110.236119)  
 (NAD 27)  
 LATITUDE = 40°04'06.30" (40.068417)  
 LONGITUDE = 110°14'07.48" (110.235411)

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

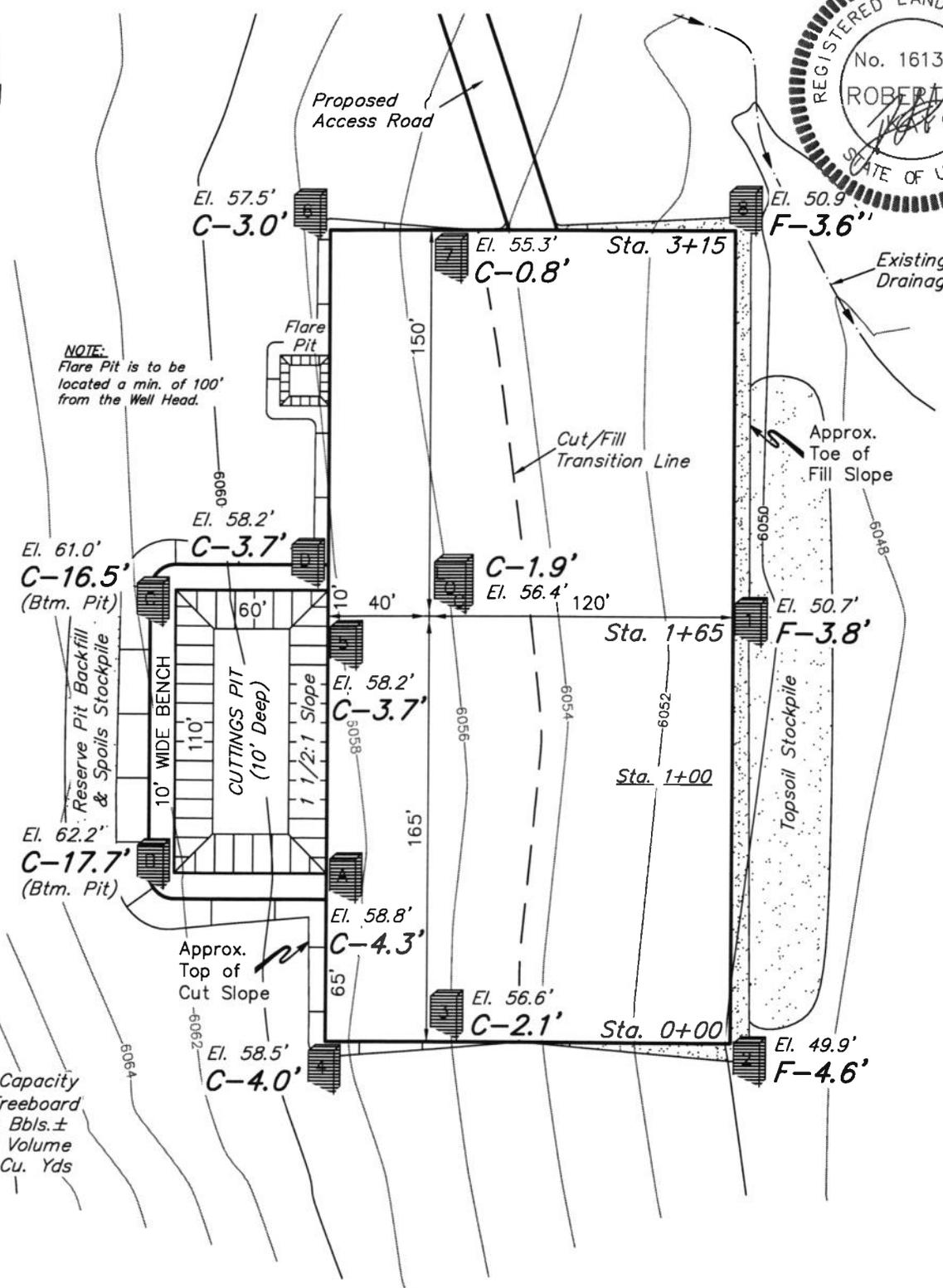
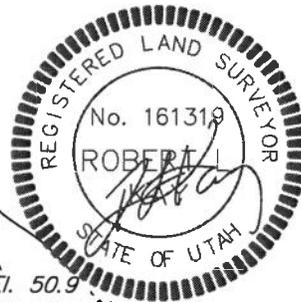
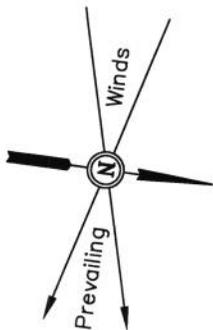
SCALE 1" = 1000'	DATE SURVEYED: 03-15-11	DATE DRAWN: 04-01-11
PARTY G.S. G.B. J.I.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE PETROGLYPH OPERATING CO., INC.	

**PETROGLYPH OPERATING CO., INC.**

LOCATION LAYOUT FOR  
 UTE TRIBAL #04-13Q  
 SECTION 4, T5S, R3W, U.S.B.&M.  
 20' FSL 338' FWL

**FIGURE #1**

SCALE: 1" = 60'  
 DATE: 04-01-11  
 DRAWN BY: J.I.



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

Total Pit Capacity  
 W/2' of Freeboard  
 = 5,570 Bbls.±  
 Total Pit Volume  
 = 1,610 Cu. Yds

Elev. Ungraded Ground At Loc. Stake = **6056.4'**  
 FINISHED GRADE ELEV. AT LOC. STAKE = **6054.5'**

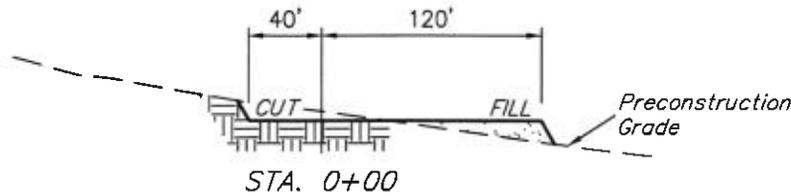
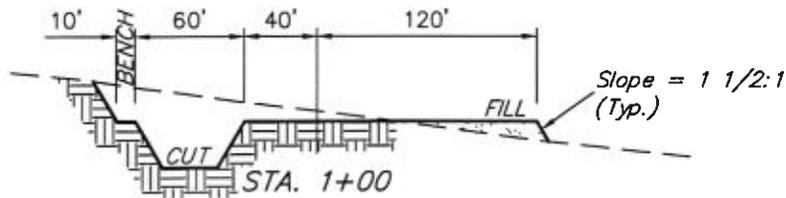
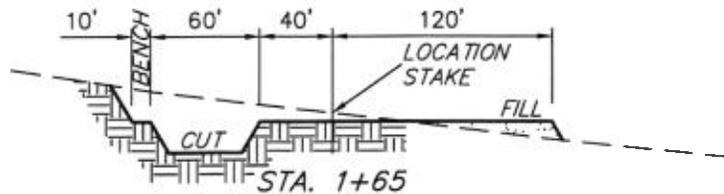
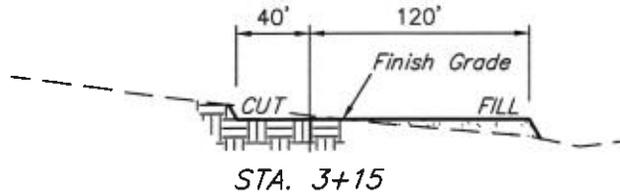
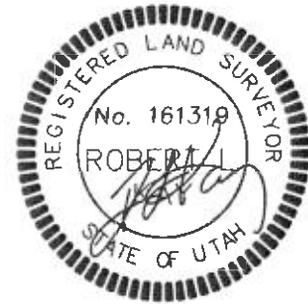
**UINTAH ENGINEERING & LAND SURVEYING**  
 85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

**PETROGLYPH OPERATING CO., INC.**

**FIGURE #2**

TYPICAL CROSS SECTIONS FOR  
 UTE TRIBAL #04-13Q  
 SECTION 4, T5S, R3W, U.S.B.&M.  
 20' FSL 338' FWL

1" = 40'  
 X-Section Scale  
 1" = 100'  
 DATE: 04-01-11  
 DRAWN BY: J.I.



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

APPROXIMATE ACREAGES  
 WELL SITE DISTURBANCE = ± 3.049 ACRES  
 ACCESS ROAD DISTURBANCE = ± 1.032 ACRES  
 PIPELINE DISTURBANCE = ± 0.999 ACRES  
 TOTAL = ± 5.080 ACRES

\* NOTE:  
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping = 2,540 Cu. Yds.  
 Remaining Location = 4,410 Cu. Yds.  
 TOTAL CUT = 6,950 CU.YDS.  
 FILL = 3,600 CU.YDS.

EXCESS MATERIAL = 3,350 Cu. Yds.  
 Topsoil & Pit Backfill = 3,350 Cu. Yds.  
 (1/2 Pit Vol.)  
 EXCESS UNBALANCE = 0 Cu. Yds.  
 (After Interim Rehabilitation)

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

# PETROGLYPH OPERATING CO., INC.

## TYPICAL RIG LAYOUT FOR

UTE TRIBAL #04-13Q  
SECTION 4, T5S, R3W, U.S.B.&M.  
20' FSL 338' FWL

**FIGURE #3**

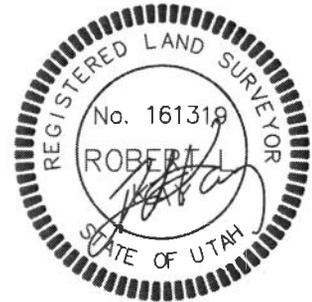
SCALE: 1" = 60'

DATE: 04-01-11

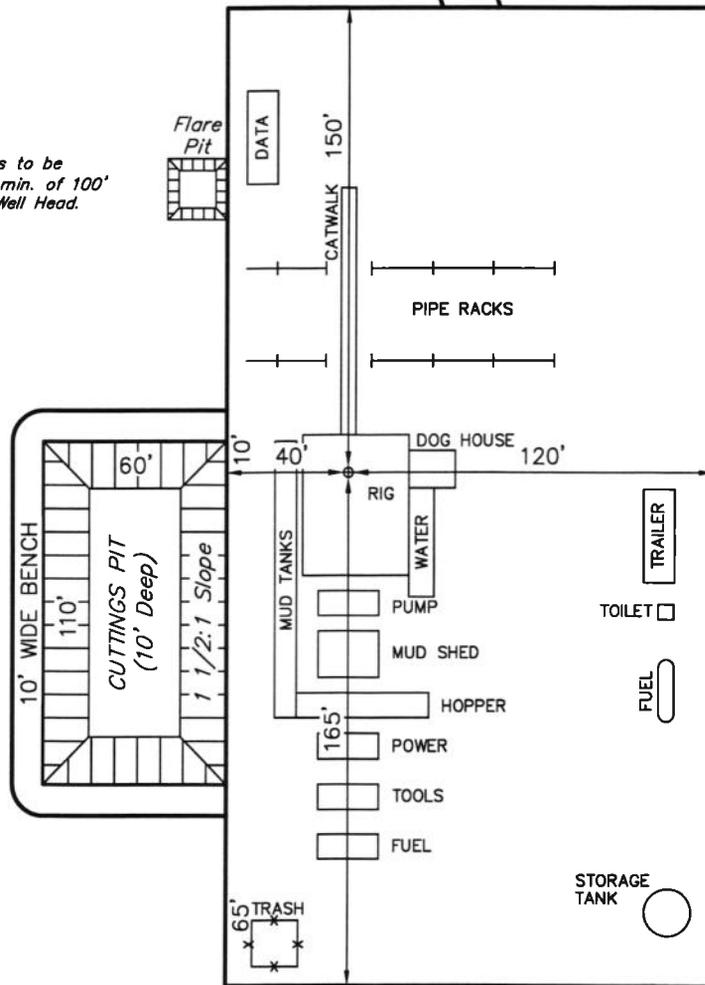
DRAWN BY: J.I.



Proposed  
Access Road



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



Total Pit Capacity  
W/2' of Freeboard  
= 5,570 Bbls.±  
Total Pit Volume  
= 1,610 Cu. Yds

BEGINNING OF ROAD STA. 0+00 BEARS N60°10'06"W 1250.94' FROM THE SOUTHEAST CORNER OF SECTION 5, T5S, R3W, U.S.B.&M.

END OF ROAD STA. 14+98.35 BEARS N79°39'42"E 148.03' FROM THE SOUTHWEST CORNER OF SECTION 4, T5S, R3W, U.S.B.&M.

P.O.S.L. #1 STA. 10+53.05 BEARS S89°05'28"W 279.28' FROM THE SOUTHEAST CORNER OF SECTION 5, T5S, R3W, U.S.B.&M.

P.O.S.L. #2 STA. 13+41.46 BEARS S00°02'00"W 30.15' FROM THE NORTHEAST CORNER OF SECTION 8, T5S, R3W, U.S.B.&M.

P.O.S.L. #3 STA. 14+40.61 BEARS N89°08'26"E 93.67' FROM THE SOUTHWEST CORNER OF SECTION 4, T5S, R3W, U.S.B.&M.

P.O.S.L. #4 BEARS N89°08'26"E 566.70' FROM THE SOUTHWEST CORNER OF SECTION 4, T5S, R3W, U.S.B.&M.

P.O.S.L. #5 BEARS N89°08'26"E 148.86' FROM THE SOUTHWEST CORNER OF SECTION 4, T5S, R3W, U.S.B.&M.

LINE	DIRECTION	LENGTH
L1	S17°34'52"E	117.24'
L2	S35°25'04"E	114.84'
L3	S59°05'51"E	163.17'
L4	S62°51'04"E	164.18'
L5	S58°03'36"E	202.84'
L6	S56°12'19"E	110.73'
L7	S58°37'20"E	180.05'
L8	S58°37'20"E	34.01'
L9	S82°11'12"E	189.23'
L10	N74°13'12"E	65.16'
L11	N74°13'12"E	71.15'
L12	N64°10'00"E	28.00'
L13	N64°10'00"E	57.74'
L14	N07°32'28"W	133.17'
L15	N82°27'32"E	415.00'
L16	S07°32'28"E	206.33'
L17	S07°32'28"E	113.67'
L18	S82°27'32"W	415.00'
L19	N07°32'28"W	162.29'
L20	N07°32'28"W	24.54'

**ROAD RIGHT-OF-WAY DESCRIPTION**

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

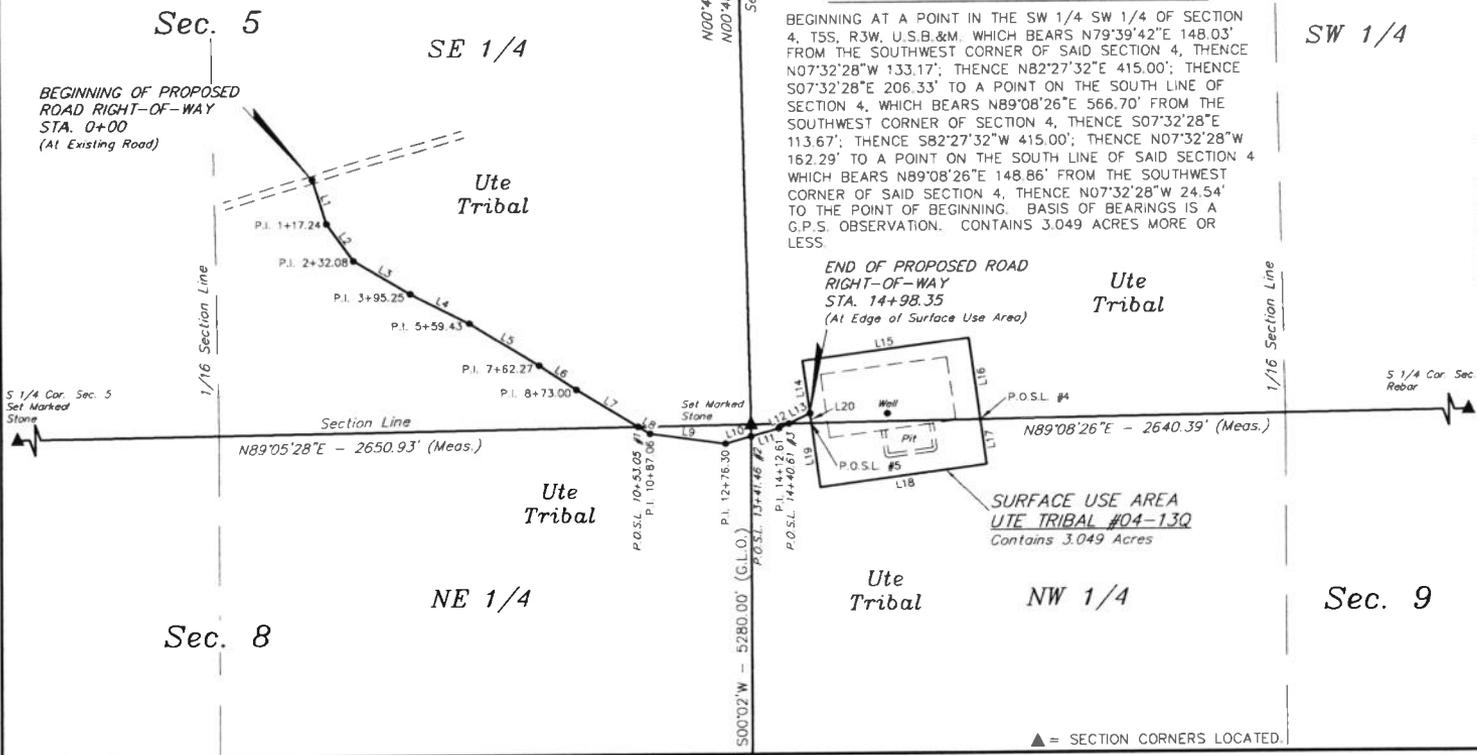
BEGINNING AT A POINT IN THE SE 1/4 SE 1/4 OF SECTION 5, T5S, R3W, U.S.B.&M. WHICH BEARS N60°10'06"W 1250.94' FROM THE SOUTHEAST CORNER OF SAID SECTION 5, THENCE S17°34'52"E 117.24'; THENCE S35°25'04"E 114.84'; THENCE S59°05'51"E 163.17'; THENCE S62°51'04"E 164.18'; THENCE S58°03'36"E 202.84'; THENCE S56°12'19"E 110.73'; THENCE S58°37'20"E 180.05' TO A POINT ON THE SOUTH LINE OF SAID SECTION 5 WHICH BEARS S89°05'28"W 279.28' FROM THE SOUTHEAST CORNER OF SECTION 5; THENCE S58°37'20"E 34.01'; THENCE S82°11'12"E 189.23'; THENCE N74°13'12"E 65.16' TO A POINT ON THE EAST LINE OF SECTION 8, T5S, R3W, U.S.B.&M. WHICH BEARS S00°02'00"W 30.15' FROM THE NORTHEAST CORNER OF SECTION 8; THENCE N74°13'12"E 71.15'; THENCE N64°10'00"E 28.00' TO A POINT ON THE SOUTH LINE OF SECTION 4, T5S, R3W, U.S.B.&M. WHICH BEARS N89°08'26"E 93.67' FROM THE SOUTHWEST CORNER OF SECTION 4, T5S, R3W, U.S.B.&M. THENCE N64°10'00"E 57.74' TO A POINT IN THE SW 1/4 SW 1/4 OF SAID SECTION 4 WHICH BEARS N79°39'42"E 148.03' FROM THE SOUTHWEST CORNER OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 1.032 ACRES MORE OR LESS.

**SURFACE USE AREA DESCRIPTION**

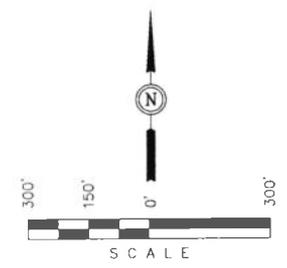
BEGINNING AT A POINT IN THE SW 1/4 SW 1/4 OF SECTION 4, T5S, R3W, U.S.B.&M. WHICH BEARS N79°39'42"E 148.03' FROM THE SOUTHWEST CORNER OF SAID SECTION 4, THENCE N07°32'28"W 133.17'; THENCE N82°27'32"E 415.00'; THENCE S07°32'28"E 206.33' TO A POINT ON THE SOUTH LINE OF SECTION 4, WHICH BEARS N89°08'26"E 566.70' FROM THE SOUTHWEST CORNER OF SECTION 4, THENCE S07°32'28"E 113.67'; THENCE S82°27'32"E 415.00'; THENCE N07°32'28"W 162.29' TO A POINT ON THE SOUTH LINE OF SAID SECTION 4 WHICH BEARS N89°08'26"E 148.86' FROM THE SOUTHWEST CORNER OF SAID SECTION 4, THENCE N07°32'28"W 24.54' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.049 ACRES MORE OR LESS.

PETROGLYPH OPERATING CO., INC.  
**LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON UTE TRIBAL LANDS**

(For UTE TRIBAL #04-13Q)  
 LOCATED IN SECTIONS 4, 5, 8, & 9, T5S, R3W, U.S.B.&M., DUCHESNE COUNTY, UTAH



1/16 Section Line  
 Sec. 4  
 SW 1/4



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

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
UTE TRIBAL	1498.35	1.032	90.81

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

REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

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

SCALE 1" = 300'	DATE 04-01-11
PARTY G.S. G.B. J.I.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE 5 0 4 7 2

▲ = SECTION CORNERS LOCATED

PETROGLYPH OPERATING CO., INC.  
UTE TRIBAL #04-13Q  
ROAD RIGHT-OF-WAY & SURFACE USE AREA  
SECTIONS 4, 5, 8, & 9 T5S, R3W, U.S.B.&M.

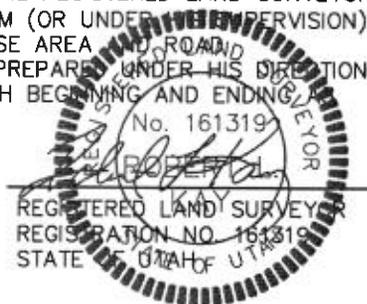
TOTAL ROAD RIGHT-OF-WAY ON UTE TRIBAL LANDS

TOTAL LENGTH OF RIGHT-OF-WAY IS 1498.35' OR 0.284 MILES. WIDTH OF RIGHT-OF-WAY IS 30' (15' PERPENDICULAR ON EACH SIDE OF THE CENTERLINE). CONTAINS 1.032 ACRES MORE OR LESS.

ENGINEER'S AFFIDAVIT

STATE OF UTAH )  
COUNTY OF UINTAH ) SS

ROBERT L. KAY, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR PETROGLYPH OPERATING CO., INC., THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION): THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE SURFACE USE AREA AND ROAD RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTION FROM SAID FIELD NOTES; AND THAT SAID RIGHT-OF-WAY, 0.284 MILES IN LENGTH BEGINNING AND ENDING AS SHOWN ON THIS MAP IS ACCURATELY REPRESENTED.



ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN BEFORE ME THIS \_\_\_\_ DAY OF \_\_\_\_\_ 2011.

MY COMMISSION EXPIRES \_\_\_\_\_.

\_\_\_\_\_  
NOTARY PUBLIC  
VERNAL, UTAH

APPLICANT'S CERTIFICATE

I, ED TROTTER, DO HEREBY CERTIFY THAT I AM THE AGENT FOR PETROGLYPH OPERATING CO., INC., HERINAFTER DESIGNATED THE APPLICANT; THAT ROBERT L. KAY WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THIS SURFACE USE AREA AND ROAD RIGHT-OF-WAY, 0.284 MILES IN LENGTH BEGINNING AT STA. 0+00 AND ENDING AT STA. 14+98.35, THAT SAID SURFACE USE AREA AND ROAD RIGHT-OF-WAY ARE ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT-OF-WAY THEREBY SHOWN; AND THAT THE MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT-OF-WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT-OF-WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

\_\_\_\_\_  
APPLICANT

\_\_\_\_\_  
TITLE

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S66°11'32"W	83.42'
L2	S74°58'51"W	77.03'
L3	S74°58'51"W	67.78'
L4	N81°36'32"W	203.06'
L5	N58°36'07"W	91.61'
L6	N58°36'07"W	128.32'
L7	N56°02'07"W	113.75'
L8	N58°13'49"W	198.86'
L9	N62°52'29"W	155.96'
L10	N59°09'42"W	173.02'
L11	N59°12'10"W	157.03'

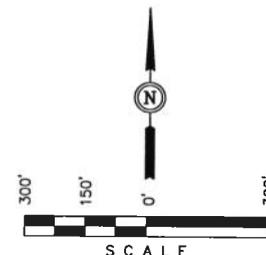
**PIPELINE RIGHT-OF-WAY DESCRIPTION**

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NW 1/4 NW 1/4 OF SECTION 9, T5S, R3W, U.S.B.&M. WHICH BEARS S85°35'11"E 151.13' FROM THE NORTHWEST CORNER OF SAID SECTION 9, THENCE S66°11'32"W 83.42'; THENCE S74°58'51"W 77.03' TO A POINT ON THE WEST LINE OF SAID SECTION 9 WHICH BEARS S00°02'00"W 65.26' FROM THE NORTHWEST CORNER OF SAID SECTION 9, THENCE S74°58'51"W 67.78'; THENCE N81°36'32"W 203.06'; THENCE N58°36'07"W 91.61' TO A POINT ON THE NORTH LINE OF SECTION 8, T5S, R3W, U.S.B.&M. WHICH BEARS S89°05'28"W 344.63' FROM THE NORTHEAST CORNER OF SAID SECTION 8, THENCE N58°36'07"W 128.32'; THENCE N56°02'07"W 113.75'; THENCE N58°13'49"W 198.86'; THENCE N62°52'29"W 155.96'; THENCE N59°09'42"W 173.02'; THENCE N59°12'10"W 157.03' TO A POINT IN THE SE 1/4 SE 1/4 OF SECTION 5, T5S, R3W, U.S.B.&M. WHICH BEARS N67°35'51"W 1232.83' FROM THE SOUTHEAST CORNER OF SAID SECTION 5. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.999 ACRES MORE OR LESS.

**PETROGLYPH OPERATING CO., INC.**  
**PIPELINE RIGHT-OF-WAY**  
**ON UTE TRIBAL LANDS**  
*(For UTE TRIBAL #04-13Q)*

LOCATED IN  
 SECTIONS 4, 5, 8, & 9, T5S, R3W,  
 U.S.B.&M., DUCHESNE COUNTY, UTAH

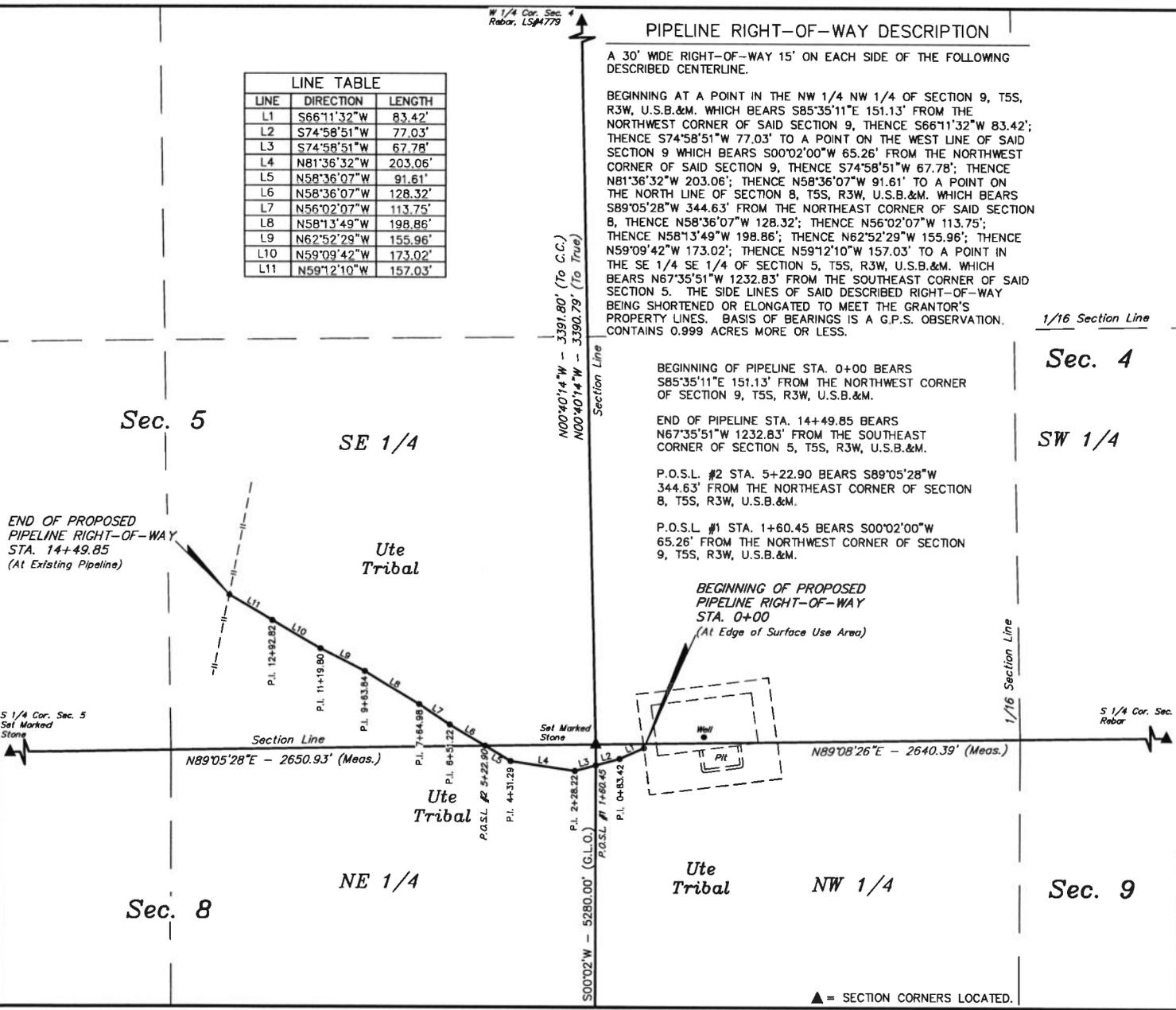


**BASIS OF BEARINGS**

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

**RIGHT-OF-WAY LENGTHS**

PROPERTY OWNER	FEET	ACRES	RODS
UTE TRIBAL	1449.85	0.999	87.87



1/16 Section Line

Sec. 4

SW 1/4

S 1/4 Cor. Sec. 4

Sec. 9

**CERTIFICATE**

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

*[Signature]*  
 No. 161319  
 REGISTERED LAND SURVEYOR  
 STATE OF UTAH

<b>UNTAH ENGINEERING &amp; LAND SURVEYING</b>	
85 SOUTH - 200 EAST • (435) 789-1017	
VERNAL, UTAH - 84078	
SCALE 1" = 300'	DATE 04-01-11
PARTY G.S. G.B. J.I.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE 5 0 4 7 3

PETROGLYPH OPERATING CO., INC.  
UTE TRIBAL #04-13Q  
PIPELINE RIGHT-OF-WAY  
SECTIONS 4, 5, 8, & 9 T5S, R3W, U.S.B.&M.

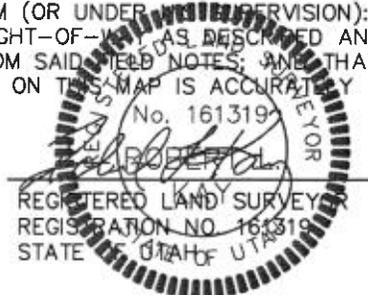
TOTAL PIPELINE RIGHT-OF-WAY ON UTE TRIBAL LANDS

TOTAL LENGTH OF RIGHT-OF-WAY IS 1449.85' OR 0.275 MILES. WIDTH OF RIGHT-OF-WAY IS 30' (15' PERPENDICULAR ON EACH SIDE OF THE CENTERLINE). CONTAINS 0.999 ACRES MORE OR LESS.

ENGINEER'S AFFIDAVIT

STATE OF UTAH }  
COUNTY OF Uintah } SS

ROBERT L. KAY, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR PETROGLYPH OPERATING CO., INC. THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION): THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE PIPELINE RIGHT-OF-WAY, AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTION FROM SAID FIELD NOTES; AND THAT SAID RIGHT-OF-WAY, 0.275 MILES IN LENGTH BEGINNING AND ENDING AS SHOWN ON THIS MAP IS ACCURATELY REPRESENTED.



ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN BEFORE ME THIS \_\_\_\_ DAY OF \_\_\_\_\_ 2011.

MY COMMISSION EXPIRES \_\_\_\_\_.

\_\_\_\_\_  
NOTARY PUBLIC  
VERNAL, UTAH

APPLICANT'S CERTIFICATE

I, ED TROTTER, DO HEREBY CERTIFY THAT I AM THE AGENT FOR PETROGLYPH OPERATING CO, INC. HEREINAFTER DESIGNATED THE APPLICANT; THAT ROBERT L. KAY WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THIS PIPELINE RIGHT-OF-WAY, 0.275 MILES IN LENGTH BEGINNING AT STA. 0+00 AND ENDING AT STA. 14+49.85, THAT SAID PIPELINE RIGHT-OF-WAY IS ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT-OF-WAY THEREBY SHOWN; AND THAT THE MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT-OF-WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT-OF-WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

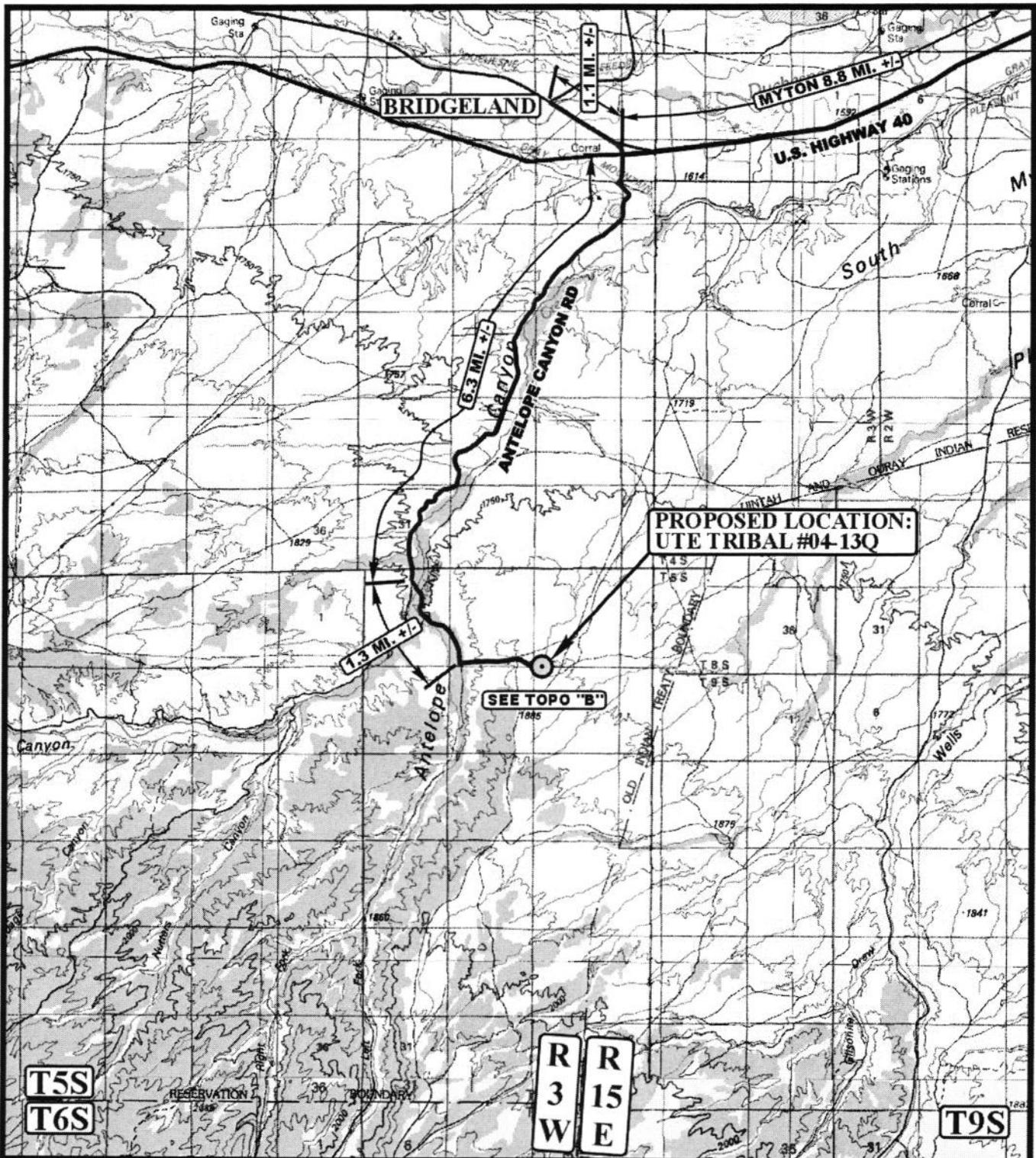
\_\_\_\_\_  
APPLICANT

\_\_\_\_\_  
TITLE

**PETROGLYPH OPERATING CO., INC.**  
**UTE TRIBAL #04-13Q**  
**SECTION 4, T5S, R3W, U.S.B.&M.**

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 8.8 MILES TO THE JUNCTION OF THIS ROAD AND ANTELOPE CANYON ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 121' TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1,498' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 17.3 MILES.



**LEGEND:**

⊙ PROPOSED LOCATION



**PETROGLYPH OPERATING CO., INC.**

**UTE TRIBAL #04-13Q  
SECTION 4, T5S, R3W, U.S.B.M.  
20' FSL 338' FWL**



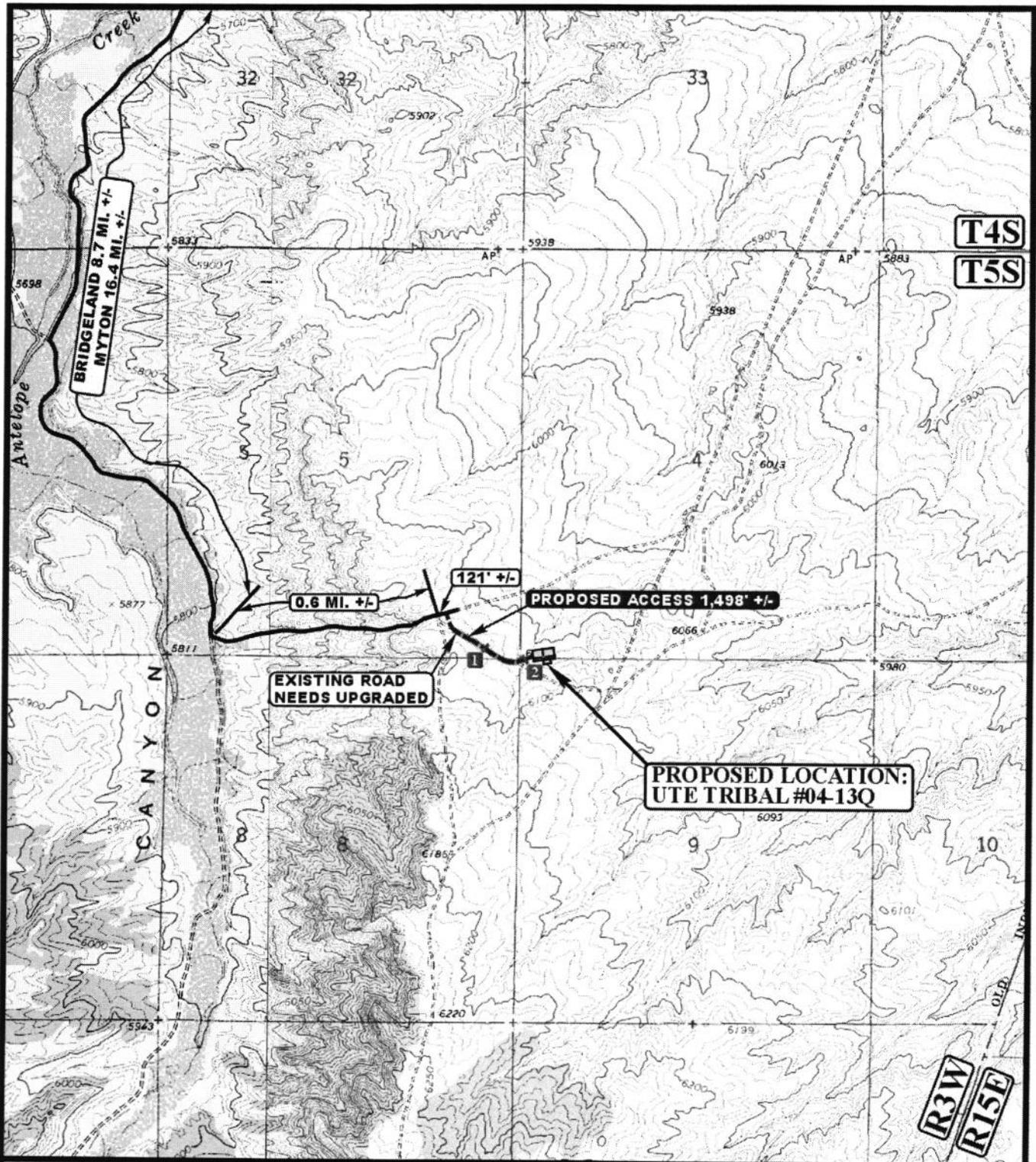
**Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813**

**ACCESS ROAD  
MAP**

**03 29 11  
MONTH DAY YEAR**

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





**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING ROAD NEEDS UPGRADED
-  1 18" CMP REQUIRED
-  2 24" CMP REQUIRED

**PETROGLYPH OPERATING CO., INC.**

**UTE TRIBAL #04-13Q  
SECTION 4, T5S, R3W, U.S.B.M.  
20' FSL 338' FWL**

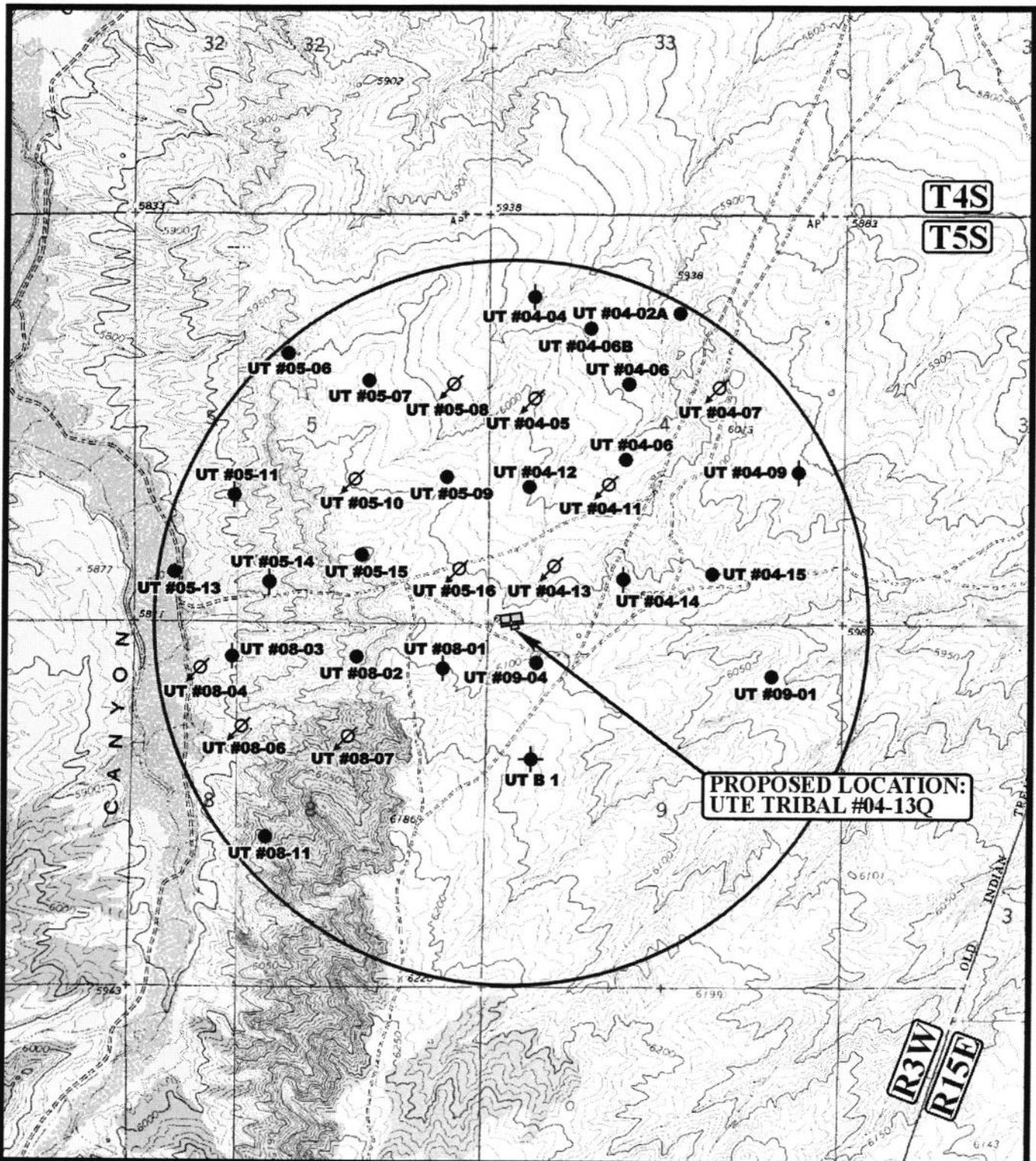
**U&L S** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



ACCESS ROAD  
MAP  
SCALE: 1" = 2000' DRAWN BY: S.F. REVISED: 00-00-00

03 29 11  
MONTH DAY YEAR

**B**  
TOPO



**LEGEND:**

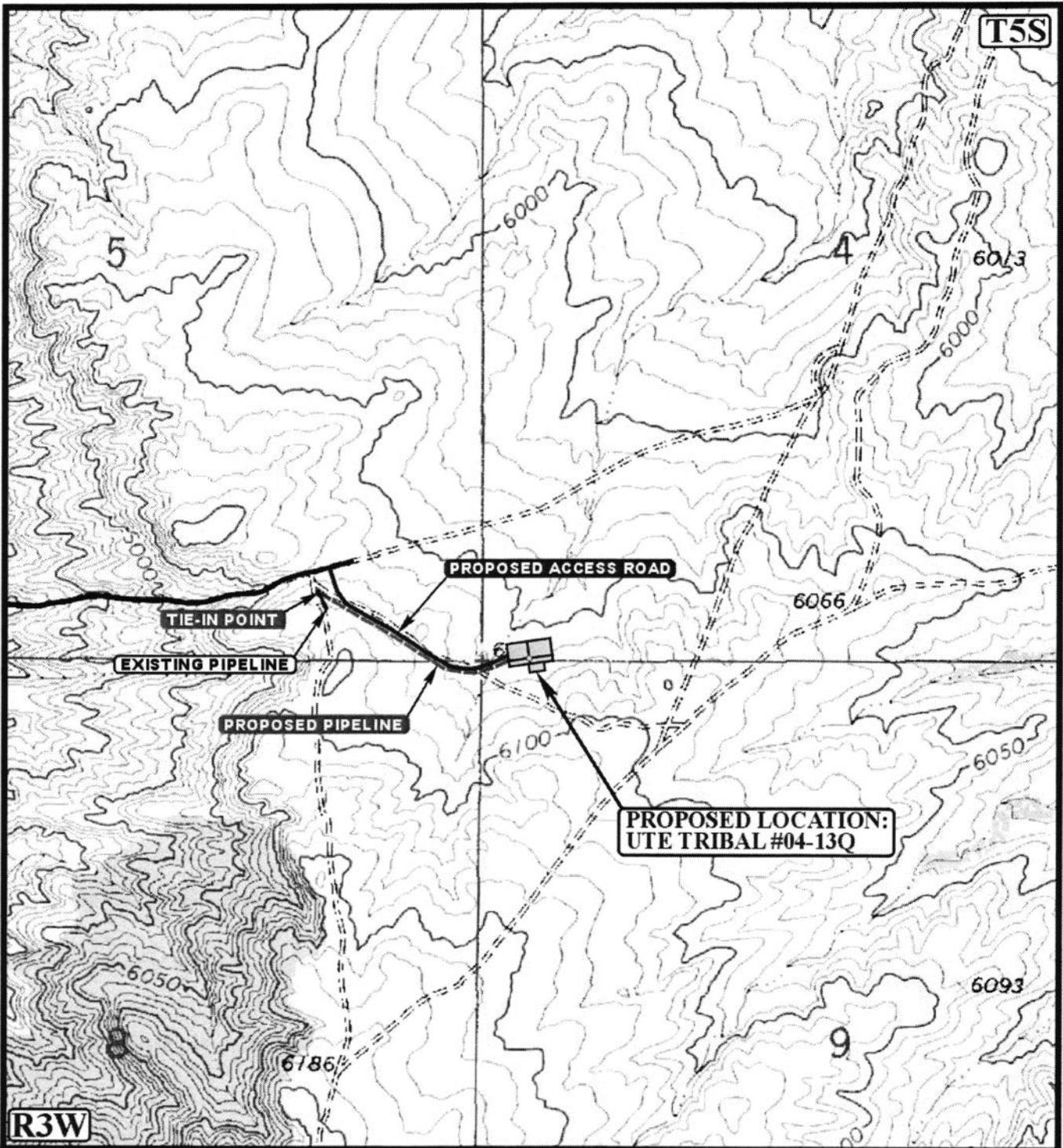
⊘ DISPOSAL WELLS	⊘ WATER WELLS
● PRODUCING WELLS	◆ ABANDONED WELLS
● SHUT IN WELLS	● TEMPORARILY ABANDONED

**PETROGLYPH OPERATING CO., INC.**  
**UTE TRIBAL #04-13Q**  
**SECTION 4, T5S, R3W, U.S.B.M.**  
**20' FSL 338' FWL**

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

**TOPOGRAPHIC MAP**  
 03 29 11  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: S.F. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 1,450' +/-

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE



**PETROGLYPH OPERATING CO., INC.**

**UTE TRIBAL #04-13Q**  
**SECTION 4, T5S, R3W, U.S.B.M.**  
**20' FSL 338' FWL**



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

**TOPOGRAPHIC**  
**MAP**

<b>03</b>	<b>29</b>	<b>11</b>
MONTH	DAY	YEAR

**D**  
**TOPO**

SCALE: 1" = 1000' DRAWN BY: S.F. REVISED: 00-00-00

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503
---	---

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE  <b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
--	---

<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q
------------------------------------	--

<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO	<b>9. API NUMBER:</b> 43013508180000
--	---

<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Boise, ID, 83703	<b>PHONE NUMBER:</b> 208 685-7685 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK
---	--	--

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U	<b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>6/2/2014</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

Please see attached.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 June 02, 2014**

**Date:** \_\_\_\_\_

**By:** Dark Quif

<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/30/2014	

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>1420H623503</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>Ute Indian Tribe</b>
		7. UNIT or CA AGREEMENT NAME: <b>1420H624650</b>
1. TYPE OF WELL <b>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____</b>	8. WELL NAME and NUMBER: <b>Ute Tribal 04-13Q</b>	
2. NAME OF OPERATOR: <b>Petroglyph Operating Company Inc.</b>		9. API NUMBER: <b>4301350818</b>
3. ADDRESS OF OPERATOR: P.O. Box 607 <u>Roosevelt</u> CITY                      STATE <u>UT</u> ZIP <u>84066</u>		PHONE NUMBER: <b>(435) 722-2531</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>20' FSL, 338' FWL</b>		10. FIELD AND POOL, OR WILDCAT: <b>Antelope Creek</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWSW 4 5S 3W U</b>		COUNTY: <b>Duchesne</b>
		STATE: <b>UTAH</b>

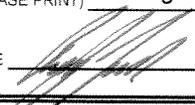
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/2/2014</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<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.

On or around 6/2/2014, depending on equipment availability, Petroglyph Operating intends to perforate and fracture treat the following: 4383-90, 4538-61, 4617-21, 4770-74, 4780-83, 4928-36, 4944-54, 5208-13, 5222-24, 5330-32, 5238-42, 5248-50, 5418-24, 5430-33, 5441-44, 5450-58, 5476-80, 5487-93, 5580-88, 5619-22, 5628-31, 5637-42, 5768-78, 5818-30, 5873-84, 5998-6008. We will perforate at 4 shot per foot and isolate zones using Halliburton 8K Composite Plugs. We plan complete the following stages:  
 5768-6008: 56,000 Gals of fluid containing 100,000#'s of sand,  
 5418-5642: 56,000 Gals of fluid containing 100,000#'s of sand,  
 5208-5250: 22,400 Gals of fluid containing 40,000#'s of sand,  
 4928-4954: 11,200 Gals of fluid containing 20,000#'s of sand,  
 4770-4783: 11,200 Gals of fluid containing 20,000#'s of sand,  
 4383-4621: 50,400 Gals of fluid containing 90,000#'s of sand.

This plan is tentative and will be adjusted as needed during completion operations. Volumes and amounts of sand are only estimates, actual figures will be reported at a later date. All plugs will be drilled out and the well swabbed if necessary.

NAME (PLEASE PRINT) Rodrigo Jurado TITLE Regulatory Compliance Specialist  
 SIGNATURE  DATE 5/30/2014

(This space for State use only)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Boise, ID, 83703		<b>9. API NUMBER:</b> 43013508180000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U		<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/11/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The date of first production for this well was 06/11/2014.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**  
June 17, 2014

<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/17/2014	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3503
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 04-13Q
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Boise, ID, 83703		<b>9. API NUMBER:</b> 43013508180000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0020 FSL 0338 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 05.0S Range: 03.0W Meridian: U		<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/12/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input checked="" type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Please see attached.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
October 01, 2014**

<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/1/2014	

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-3503
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: 14-20-H62-4650
2. NAME OF OPERATOR: Petroglyph Operating Company Inc.		8. WELL NAME and NUMBER: Ute Tribal 04-13Q
3. ADDRESS OF OPERATOR: P.O. Box 607 CITY Roosevelt STATE UT ZIP 84066		9. API NUMBER: 4301350818
4. LOCATION OF WELL FOOTAGES AT SURFACE: 20' FSL, 338' FWL COUNTY: Duchesne QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 4 5S 3W U STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Antelope Creek

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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: 6/12/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____

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

On 5/27/2014 Petroglyph Operating ran GR/CBL and found ETOC @ Surface. On 5/30/2014 we then perforated the following: 5998-6008, 5873-84, 5818-30, 5768-78, 5637-42, 5628-31, 5619-22, 5580-88, 5487-93, 5476-80, 5450-58, 5441-44, 5430-33, 5418-24, 5248-50, 5238-42, 5230-32, 5208-13, 4944-54, 4928-36, 4780-83, 4770-74, 4617-21, 4538-61 & 4383-90. We isolated and fracture treated the following intervals:  
 5,768'-6,008': 1,108 Bbls of fluid containing 100,360#'s of sand,  
 5,418'-5,642': 1,108 Bbls of fluid containing 100,400#'s of sand,  
 5,208'-5,250': 460 Bbls of fluid containing 39,460#'s of sand,  
 4,928'-4,954': 351 Bbls of fluid containing 20,000#'s of sand,  
 4,770'-4,783': 402 Bbls of fluid containing 20,000#'s of sand,  
 4,383'-4,621': 942 Bbls of fluid containing 90,000#'s of sand.  
 Isolation plugs used were Halliburton 8K Composite Plugs, fluid used was Dyna LP 22 18# gelled fluid, sand used was 20/40 Mesh Premium White Sand and guns used were Titan 3-1/8", containing 22.7 gram charges, 0.42" EHD, 23.54" TTP @ 4 SPF @ 120\* Phased. All plugs were drilled out and cleaned out to PBSD, 6,327'. The well was swabbed until a good oil cut was see, then ran a pump on 6/12/2014 and put to pump.

NAME (PLEASE PRINT) <u>Rodrigo Jurado</u>	TITLE <u>Regulatory Compliance Specialist</u>
SIGNATURE	DATE <u>10/1/2014</u>

(This space for State use only)

**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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-3503	
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe	
2. NAME OF OPERATOR: Petroglyph Operating Company, Inc.		7. UNIT or CA AGREEMENT NAME: 14-20-H62-4650	
3. ADDRESS OF OPERATOR: P.O. Box 607 CITY Roosevelt STATE UT ZIP 84066		8. WELL NAME and NUMBER: Ute Tribal 04-13Q	
PHONE NUMBER: (435) 722-2531		9. API NUMBER: 4301350818	
4. LOCATION OF WELL (FOOTAGES): AT SURFACE: 20' FSL, 338' FWL  AT TOP PRODUCING INTERVAL REPORTED BELOW: 58' FSL, 130' FWL  AT TOTAL DEPTH: 39' FSL, 125' FWL		10. FIELD AND POOL, OR WILDCAT: Antelope Creek	
		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 4 5S 3W U	
		12. COUNTY: Duchesne	13. STATE: UTAH

14. DATE SPUDDED: 10/22/2012	15. DATE T.D. REACHED: 4/20/2014	16. DATE COMPLETED: 6/11/2014	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 6,068' RKB
18. TOTAL DEPTH: MD 6,405 TVD 6,396	19. PLUG BACK T.D.: MD 6,327 TVD 6,318	20. IF MULTIPLE COMPLETIONS, HOW MANY? *	21. DEPTH BRIDGE MD PLUG SET: TVD	

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
ACTR, SDDSN, Cement Bond Log, Borehole Volume Plot

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	16 J-55	75	0	53				0	Conductor
15	10.75 J-55	40.5	0	550		G 450	92	0	
7.875	5.5 J-55	15.5	0	6,393		G 950	291	0	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	6,041							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Green River	4,383	6,008	4,374	5,999	4,383 6,008	0.42	656	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4,383'-6,008'	4,519 Bbls of Dyna LP 22 18# Gelled Fluid Containing 370,220#'s of 20/40 Mesh Sand.

29. ENCLOSED ATTACHMENTS: <input checked="" type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input checked="" type="checkbox"/> OTHER: DOGM Form 7	30. WELL STATUS:  <b>POW</b>
---	------------------------------------

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 6/11/2014		TEST DATE: 7/4/2014		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 66	GAS – MCF: 36	WATER – BBL: 129	PROD. METHOD: Rod Pump
CHOKE SIZE: 32/64	TBG. PRESS. 100	CSG. PRESS. 160	API GRAVITY 38.80	BTU – GAS 1	GAS/OIL RATIO 545	24 HR PRODUCTION RATES: →	OIL – BBL: 66	GAS – MCF: 36	WATER – BBL: 129	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: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

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)
				Mahogany	2,982
				Garden Gulch	3,703
				B Marker	4,102
				X Marker	4,592
				Y Marker	4,628
				Douglas Creek	4,736
				B Lime	5,130
				Castle Peak	5,676
				Basal Carbonate	6,078
				Wasatch	6,350

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) Rodrigo Jurado TITLE Regulatory Compliance Specialist  
 SIGNATURE  DATE 10/27/2014

This report must be submitted within 30 days of

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

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

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

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801



Job Number: UT141416  
 Company: Petroglyph Energy  
 Lease/Well: Ute Tribal 04-13Q  
 Location: Section 4, T5S R3W  
 Rig Name: Capstar 334  
 RKB: 6068  
 G.L. or M.S.L.: 6055

State/Country: UT/ USA  
 Declination: 11.02  
 Grid: True  
 File name: C:\WINSERVE\UT141416.SVY  
 Date/Time: 20-Apr-14 / 01:46  
 Curve Name: Ute Tribal\_04-13Q\_Actual

**Payzone Directional Services LLC**

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane 280.00  
 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
585.00	.26	206.10	585.00	-1.19	-.58	.37	1.33	206.10	.04
677.00	1.10	282.70	676.99	-1.19	-1.54	1.31	1.94	232.37	1.16
771.00	2.60	296.30	770.94	-.04	-4.33	4.26	4.33	269.44	1.65
<b>Transition from HWDP to 45' DP</b>									
872.00	3.80	291.40	871.78	2.19	-9.50	9.74	9.75	283.01	1.22
963.00	3.90	310.60	962.58	5.31	-14.66	15.36	15.59	289.91	1.41
1054.00	5.20	321.60	1053.29	10.55	-19.57	21.10	22.23	298.34	1.71
1145.00	6.10	312.40	1143.85	17.05	-25.70	28.27	30.84	303.56	1.40
1236.00	6.10	303.20	1234.34	22.95	-33.32	36.80	40.46	304.57	1.07
1328.00	6.40	289.90	1325.80	27.38	-42.23	46.34	50.33	302.96	1.60
1419.00	6.30	285.50	1416.24	30.44	-51.81	56.31	60.09	300.43	.55
1510.00	6.10	274.20	1506.71	32.13	-61.44	66.09	69.33	297.60	1.36

Sundry Number: 57351 API Well Number: 43013508180000

Sundry Number : 57351 API Well Number : 43013508180000

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1602.00	6.00	274.70	1598.20	32.88	-71.11	75.74	78.34	294.81	.12
1693.00	6.00	270.70	1688.70	33.33	-80.61	85.17	87.22	292.46	.46
1784.00	5.10	281.90	1779.27	34.22	-89.32	93.90	95.65	290.96	1.54
1875.00	5.30	280.90	1869.90	35.85	-97.40	102.15	103.79	290.20	.24
1967.00	5.10	281.40	1961.52	37.46	-105.59	110.49	112.03	289.53	.22
2058.00	4.90	280.50	2052.17	38.97	-113.37	118.42	119.88	288.97	.24
2149.00	4.80	277.90	2142.85	40.20	-120.96	126.11	127.47	288.38	.27
2241.00	4.80	278.10	2234.53	41.27	-128.59	133.80	135.05	287.79	.02
2332.00	4.50	276.50	2325.23	42.21	-135.90	141.17	142.31	287.25	.36
2423.00	4.40	271.80	2415.95	42.72	-142.94	148.19	149.19	286.64	.42
2515.00	4.20	269.80	2507.69	42.82	-149.84	155.00	155.84	285.95	.27
2606.00	3.90	267.10	2598.47	42.65	-156.26	161.29	161.98	285.27	.39
2697.00	3.70	267.10	2689.27	42.35	-162.28	167.17	167.72	284.63	.22
2789.00	3.60	265.20	2781.08	41.96	-168.13	172.86	173.28	284.01	.17
2880.00	3.40	265.20	2871.91	41.49	-173.66	178.23	178.55	283.44	.22
2971.00	3.20	260.90	2962.76	40.86	-178.86	183.24	183.47	282.87	.35
3062.00	2.80	259.10	3053.63	40.04	-183.55	187.71	187.87	282.31	.45
3154.00	2.40	251.90	3145.54	39.02	-187.59	191.51	191.60	281.75	.56
3245.00	2.60	253.00	3236.45	37.82	-191.37	195.03	195.07	281.18	.23
3336.00	2.60	250.60	3327.36	36.54	-195.29	198.67	198.68	280.60	.12
3428.00	1.40	240.80	3419.30	35.29	-198.24	201.36	201.36	280.09	1.35
3519.00	1.60	243.40	3510.27	34.18	-200.35	203.24	203.24	279.68	.23
3611.00	.30	280.50	3602.26	33.65	-201.73	204.51	204.52	279.47	1.49
3702.00	.48	282.70	3693.25	33.78	-202.34	205.13	205.14	279.48	.20
3793.00	.88	262.30	3784.25	33.77	-203.40	206.18	206.19	279.43	.51
3885.00	.92	263.30	3876.24	33.59	-204.84	207.56	207.57	279.31	.05
3976.00	.83	349.10	3967.23	34.15	-205.69	208.49	208.50	279.43	1.31
4067.00	.88	333.50	4058.22	35.42	-206.12	209.14	209.15	279.75	.26
4158.00	.75	331.80	4149.21	36.57	-206.72	209.93	209.93	280.03	.15
4250.00	.80	314.70	4241.20	37.56	-207.46	210.83	210.83	280.26	.26
4341.00	.70	302.70	4332.19	38.30	-208.38	211.86	211.87	280.42	.20
4432.00	.40	267.80	4423.19	38.59	-209.16	212.69	212.69	280.45	.48
4524.00	.70	256.60	4515.19	38.45	-210.03	213.52	213.52	280.37	.34
4615.00	.70	252.80	4606.18	38.15	-211.10	214.52	214.52	280.25	.05

Sundry Number : 57351 API Well Number : 43013508180000

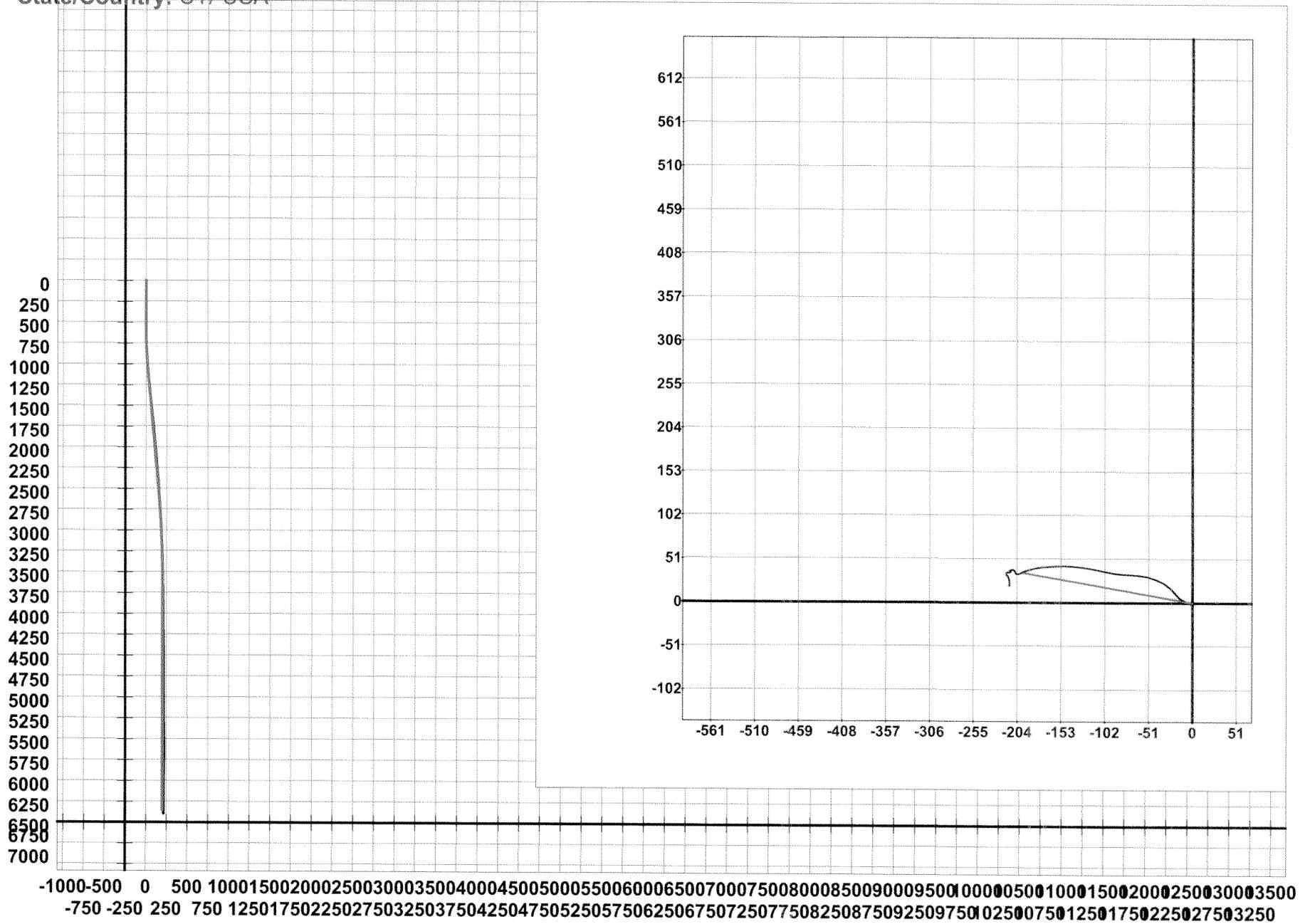
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
4707.00	.80	243.90	4698.17	37.71	-212.22	215.54	215.54	280.08	.17
4798.00	.40	95.70	4789.17	37.39	-212.47	215.74	215.74	279.98	1.27
4889.00	.40	111.90	4880.17	37.24	-211.86	215.11	215.11	279.97	.12
4981.00	.22	148.70	4972.17	36.97	-211.47	214.68	214.68	279.92	.28
5072.00	.40	184.40	5063.16	36.51	-211.40	214.53	214.53	279.80	.28
5163.00	.53	227.90	5154.16	35.91	-211.74	214.76	214.76	279.63	.40
5254.00	.53	252.10	5245.16	35.50	-212.45	215.39	215.40	279.49	.24
5345.00	.70	254.00	5336.15	35.22	-213.39	216.26	216.27	279.37	.19
5437.00	1.50	286.40	5428.14	35.40	-215.08	217.96	217.98	279.35	1.07
5528.00	1.00	197.50	5519.12	34.98	-216.46	219.25	219.27	279.18	1.96
5619.00	1.10	187.60	5610.10	33.36	-216.82	219.32	219.37	278.75	.23
5711.00	.83	117.90	5702.09	32.17	-216.35	218.65	218.72	278.46	1.22
5802.00	.88	135.60	5793.08	31.36	-215.27	217.45	217.55	278.29	.29
5893.00	.88	155.80	5884.07	30.22	-214.50	216.49	216.62	278.02	.34
5985.00	1.30	163.30	5976.06	28.58	-213.91	215.62	215.81	277.61	.48
6076.00	1.40	166.60	6067.03	26.51	-213.36	214.72	215.00	277.08	.14
6167.00	1.30	173.50	6158.01	24.40	-212.98	213.98	214.37	276.54	.21
6259.00	1.30	184.30	6249.98	22.33	-212.94	213.58	214.11	275.99	.27
<b>Final survey</b>									
6350.00	1.10	181.20	6340.96	20.42	-213.04	213.35	214.01	275.48	.23
<b>Projected to bit</b>									
6405.00	1.10	181.20	6395.95	19.37	-213.06	213.19	213.94	275.19	.00

Job Number: UT141416  
Company: Petroglyph Energy  
Lease/Well: Ute Tribal 04-13Q  
Location: Section 4, T5S R3W  
Rig Name: Capstar 334  
State/Country: UT/ USA

Declination: 11.02



Sundry Number: 57351 API Well Number: 43013508180000



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

---

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

---

Well name and number: Ute Tribal 04-13Q

API number: 4301350818

Well Location: QQ SWSW Section 4 Township 5S Range 3W County Duchesne

Well operator: Petroglyph Operating Company, Inc.

Address: P.O. Box 607

city Roosevelt state UT zip 84066

Phone: (435) 722-2531

Drilling contractor: ProPetro Services

Address: 1422 East 1500 South

city Vernal state UT zip 84078

Phone: (435) 789-1735

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
0	550	0	No Water Encountered

Formation tops:            1 \_\_\_\_\_            2 \_\_\_\_\_            3 \_\_\_\_\_  
 (Top to Bottom)            4 \_\_\_\_\_            5 \_\_\_\_\_            6 \_\_\_\_\_  
                                      7 \_\_\_\_\_            8 \_\_\_\_\_            9 \_\_\_\_\_  
                                      10 \_\_\_\_\_           11 \_\_\_\_\_           12 \_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Rodrigo Jurado

TITLE Regulatory Compliance Specialist

SIGNATURE 

DATE 11/2/2012