

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

July 7, 2008

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

RE: APPLICATION FOR PERMIT TO DRILL
UTE TRIBAL 20-11
NE/SW, SECTION 20, T5S, R3W
DUCHESNE COUNTY, UTAH
LEASE NO. BIA 14-20-H62-3515
UTE INDIAN TRIBAL LANDS

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

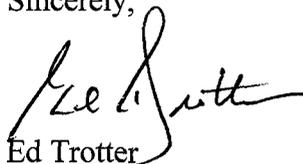
This permit was previously approved on December 13, 2005 (API #4301332713), but expired. Thus, we are re-submitting this new application.

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

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

Thank you for your attention to this matter.

Sincerely,



Ed Trotter
Agent
Petroglyph Operating Co., Inc.

Attachments

UDOGM-POCI

RECEIVED

JUL 30 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 14-20-H62-3515
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name UTE INDIAN TRIBE
2. Name of Operator PETROGLYPH OPERATING CO., INC.		7. If Unit or CA Agreement, Name and No. UTE TRIBAL
3a. Address P.O. BOX 607, ROOSEVELT, UT 84066		8. Lease Name and Well No. UTE TRIBAL #20-11
3b. Phone No. (Include area code) (435)722-2531		9. API Well No. 43013-34049
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 1959' FSL, 2033' FWL NE/SW 564144x 40.030248 At proposed prod. Zone 44311754 -110.248239		10. Field and Pool, or Exploratory ANTELOPE CREEK
14. Distance in miles and direction from nearest town or post office* 13.45 MILES SOUTHWEST OF BRIDGELAND, UTAH		11. Sec., T., R., M., or Blk. and Survey or Area SEC. 20, T5S, R3W, U.S.B.&M.
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any) 1959'	16. No. of Acres in lease 640	12. County or Parish DUCHESNE
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Man "C"	19. Proposed Depth 6200'	13. State UTAH
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6443.5 FEET GRADED GROUND	22. Approximate date work will start* UPON APPROVAL	17. Spacing Unit dedicated to this well
23. Estimated duration 45 DAYS		20. BLM/BIA Bond No. on file Bond #4138336

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) Ed Trotter	Date July 7, 2008
Title Agent		

Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL MANAGER	Date 07-31-08
Title	Office	

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

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

*(Continued on page 2)

**Federal Approval of this
Action Is Necessary**

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DIV. OF OIL, GAS & MINING

EIGHT POINT PLAN

**UTE TRIBAL 20-11
NE/SW, SEC. 20, T5S, R3W
DUCHESNE COUNTY, UTAH**

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

FORMATIONS	DEPTH	SUBSEA
Mahogany Shale	2934.4	3412
"X" Marker	4514.4	1832
Douglas Creek	4654.4	1692
"B" Limestone	5036.4	1310
B/Castle Peak Limestone	5596.4	750
Total Depth	6200	336
Anticipated BHP	2535	

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Oil/Gas	Douglas Creek	4654.4	1692
Oil/Gas	B/Castle Peak	5596.4	750
Other mineral zones	N/A		

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>MINIMUM SAFETY FACTOR</u>		
						<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
12 1/4"	0 - 280'	280'	8 5/8"	24.0#	J-55	1370 PSI	2950 PSI	263,000#
7 7/8"	0 - 6200'	6200'	5 1/2"	15.5#	J-55	4040 PSI	4810 PSI	239,000#

All casing will be new or inspected.

5. MUD PROGRAM

<u>INTERVAL</u>	<u>MUD TYPE</u>
0' - 250'	Air
250 - 4000'	Air/Mist & Aerated Water
4000' - TD	Air/3% KCL water or KCL substitute
TD	Gel/polyacrylamide polymer w/5-10% LCM

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

EIGHT POINT PLAN

**UTE TRIBAL 20-11
NE/SW, SEC. 20, T5S, R3W
DUCHESNE COUNTY, UTAH**

6. CEMENT PROGRAM:

12 1/4"	J-55	8 5/8"	24.0#	280'	165 SX CLASS "G" + 2% CaCl ₂ + 1/4 # /SX CELLOFLAKE (YIELD 1.18 CU FT/SX)
7 7/8"	J-55	5 1/2"	15.5#	6000'	LEAD: 130 SX CLASS "G" + 12% GEL + 5% SALT + 1/4 #/SX CELLOFLAKE (3.82 CU.FT/SX) TAIL: 365 SX CLASS "G" + 10% GYPSUM + 1/4 #/SX CELLOFLAKE (1.60 CU FT/SX)

7. VARIANCE REQUESTS:

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

5. 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.

6. ABNORMAL CONDITIONS:

None anticipated.

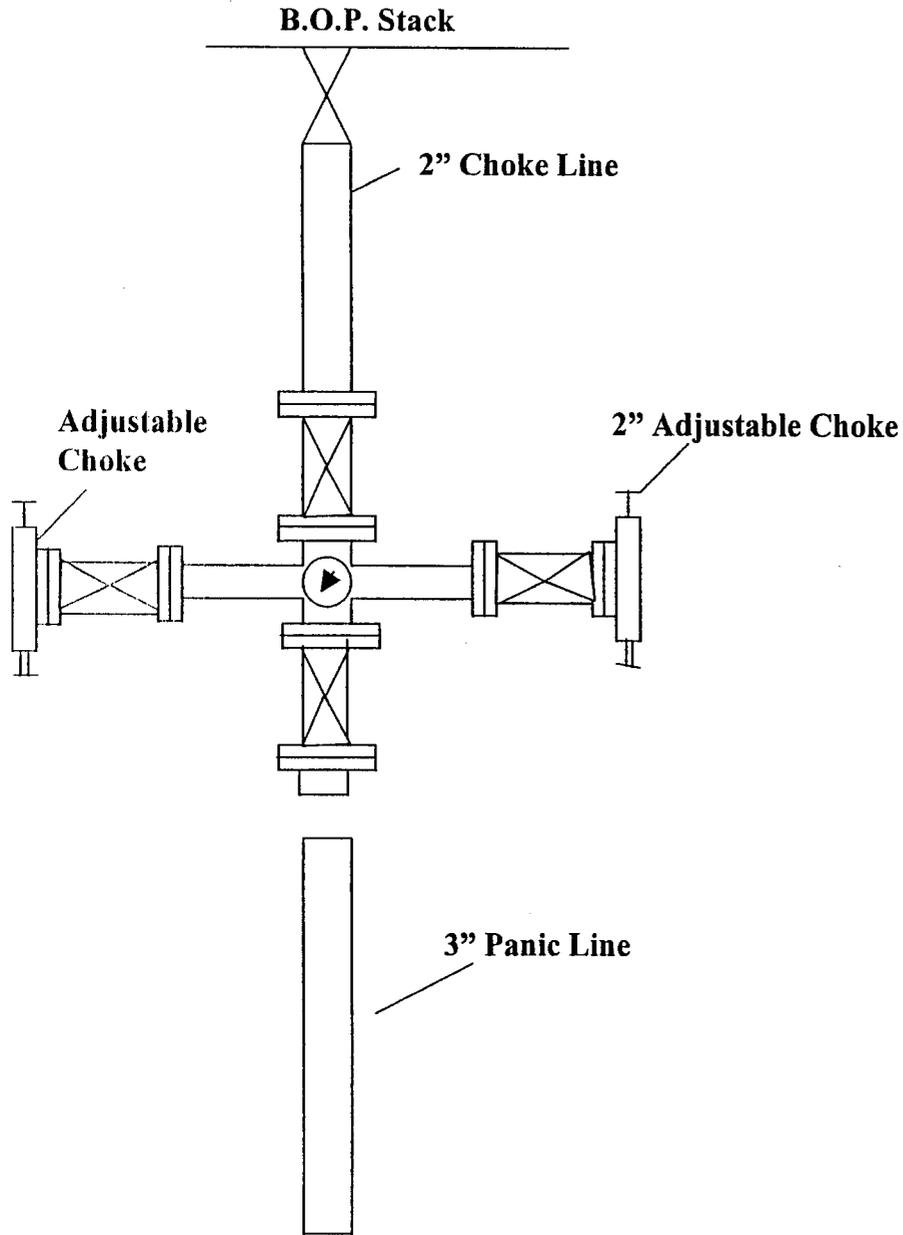
7. STANDARD REQUIRED EQUIPMENT:

None Required

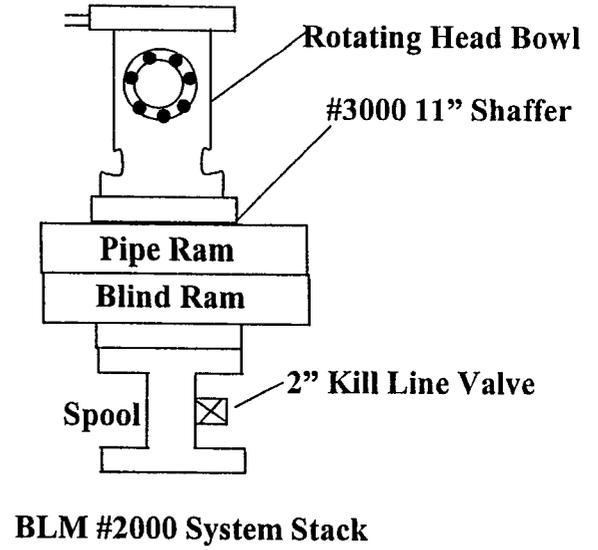
8. HAZARDOUS CHEMICALS:

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)



BLM #2000 Choke Manifold System



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

Company/Operator: Petroglyph Operating Co. Inc.
Well Name & Number: Ute Tribal #20-11
Lease Number: BIA 14-20-H62-3515
Location: 1959' FSL & 2033' FWL, NE/SW,
Sec. 20, T5S, R3W, U.S.B.&M.,
Duchesne County, Utah
Surface Ownership: Ute Indian Tribe

NOTIFICATION REQUIREMENTS

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

Location Completion - prior to moving on the drilling rig.

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

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

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

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

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

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 13.45 miles southwest of Bridgeland, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.15 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

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

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

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

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

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed

during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

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

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

- A. Abandoned wells - 13*
- B. Temporarily abandoned wells - 1*
- C. Producing wells - 15*
- D. Shut in wells - 2*

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

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

A. **ON WELL PAD**

- 1. Production facilities - To be submitted later

B. **OFF WELL PAD**

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.
- 3. A 4 1/2" OD steel above ground production pipeline will be laid approximately 900' from proposed location to a point in the NE/SW of Section 20, T5S, R3W, where it will tie into Petroglyph Operating Co. Inc.'s existing pipeline. Proposed pipeline crosses Ute Tribe lands, thus a Right-of -Way grant will be required. See attached TOPO Map "D" showing pipeline route.
- 4. Proposed pipeline will be a 4 1/2 " OD steel, welded line laid on the surface.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

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

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

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

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

6. **SOURCE OF CONSTRUCTION MATERIAL**

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

7. **METHODS OF HANDLING WASTE DISPOSAL**

A. **METHODS AND LOCATION**

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

- B. Water from drilling fluids and recovered during testing operations will be

disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

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

On BIA administered land:

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

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

___ To protect the environment:

If the reserve pit is lined, the operator will provide the BIA with a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements described by Part II, Standards of Quality for Waters of the State, Wastewater Disposal Regulations, State of Utah Division of Health, the contents and liner will be removed and disposed of at an authorized disposal site.

___ To protect the environment (without chemical analysis), reserve pits will be constructed so as not to leak, break, or allow discharge of liquids.

___ Storage tanks will be used if drill sites are located on tribal irrigable land, flood plains, or on lands under crop production. After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

7. ANCILLARY FACILITIES

- No airstrips or camps are planned for this well.

9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross Sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on-site.

C. Refer to attached well site plat for rig orientation, parking areas, and access road.

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

The stockpiled topsoil will be stored from Corner #2 to Corner #8 of the location.

Access to the well pad will be from the Southwest.

Corners #2 and #8 will be rounded off to minimize excavation.

10. FENCING REQUIREMENTS:

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

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

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

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BIA or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Tribal land, or any fence between Tribal land and private land, the operator will contact the BIA, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be

present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

11. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

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

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

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

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.

The reserve pit will be reclaimed within 120 days from the date of well completion (weather permitting). Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, fluid, and hydrocarbons, will be removed.

Contact appropriate surface management agency for required seed mixture.

B. DRY HOLE/ABANDONED LOCATION

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

ON BIA ADMINISTERED LANDS:

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

12. SURFACE OWNERSHIP

Access road: Ute Indian Tribe

Location: Ute Indian Tribe

13. OTHER INFORMATION

A. Petroglyph Operating Co., Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic

or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

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

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

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

On BIA administered land:

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way authorization". All operators, subcontractors, vendors, and their employees or agents may

not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

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

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

14. **Additional Surface Stipulations**

None

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING

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

OPERATIONS

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

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

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

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

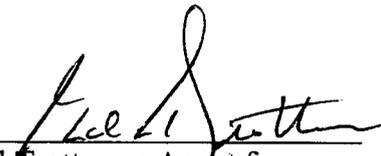
Certification

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

Please be advised that Petroglyph Operating Co., Inc. is considered to be the operator of the **UTE TRIBAL 20-11 Well, located in the NE/SW of Section 20, T5S, R3W, Duchesne County, Utah; Lease #14-20-H62-3515**; 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 #4138336.

7-7-2008

Date


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

PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #20-11

SECTION 20, 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 AN EXISTING 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 SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 3.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND THE EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 21.15 MILES.

PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #20-11
LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 20, T5S, R3W, U.S.B.&M.

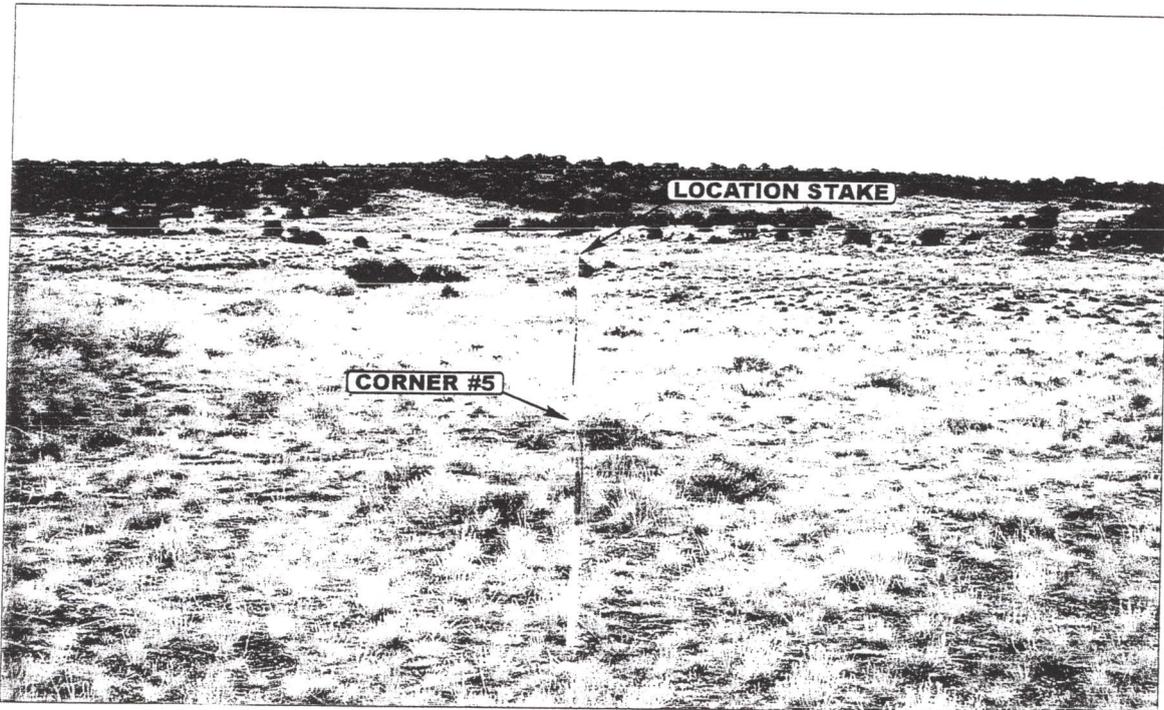


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

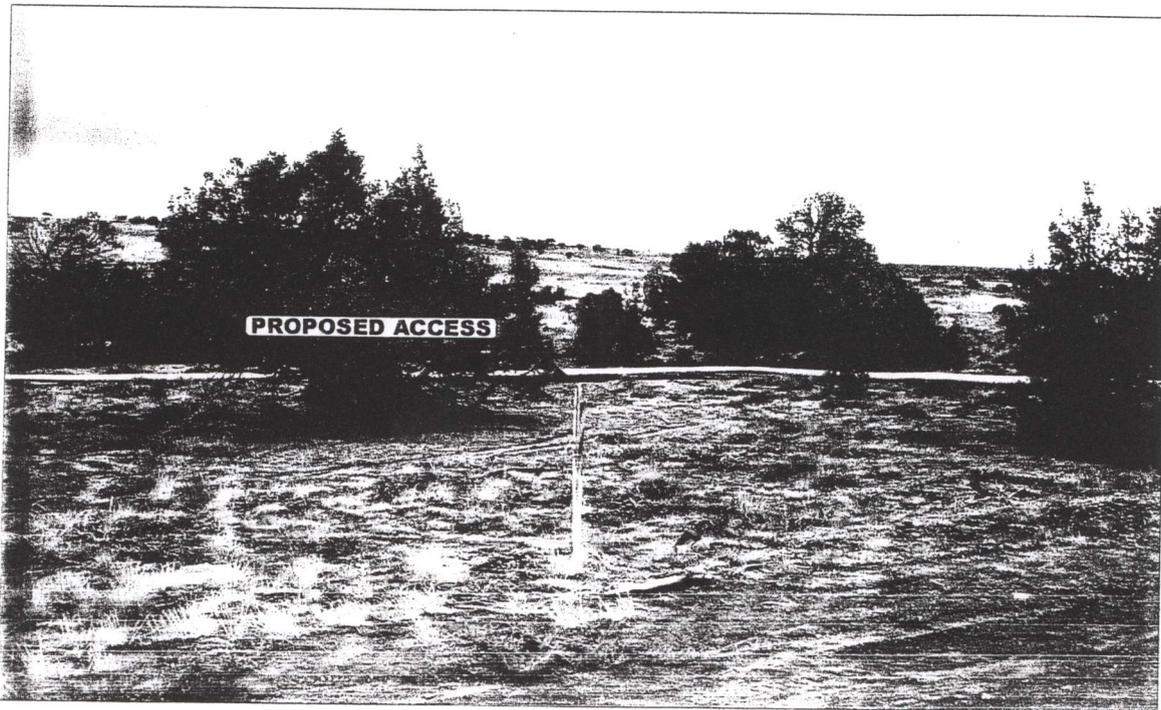


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

E&L

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

10 | 12 | 04
MONTH | DAY | YEAR

PHOTO

TAKEN BY: D.A. | DRAWN BY: L.K. | REVISED: 00-00-00

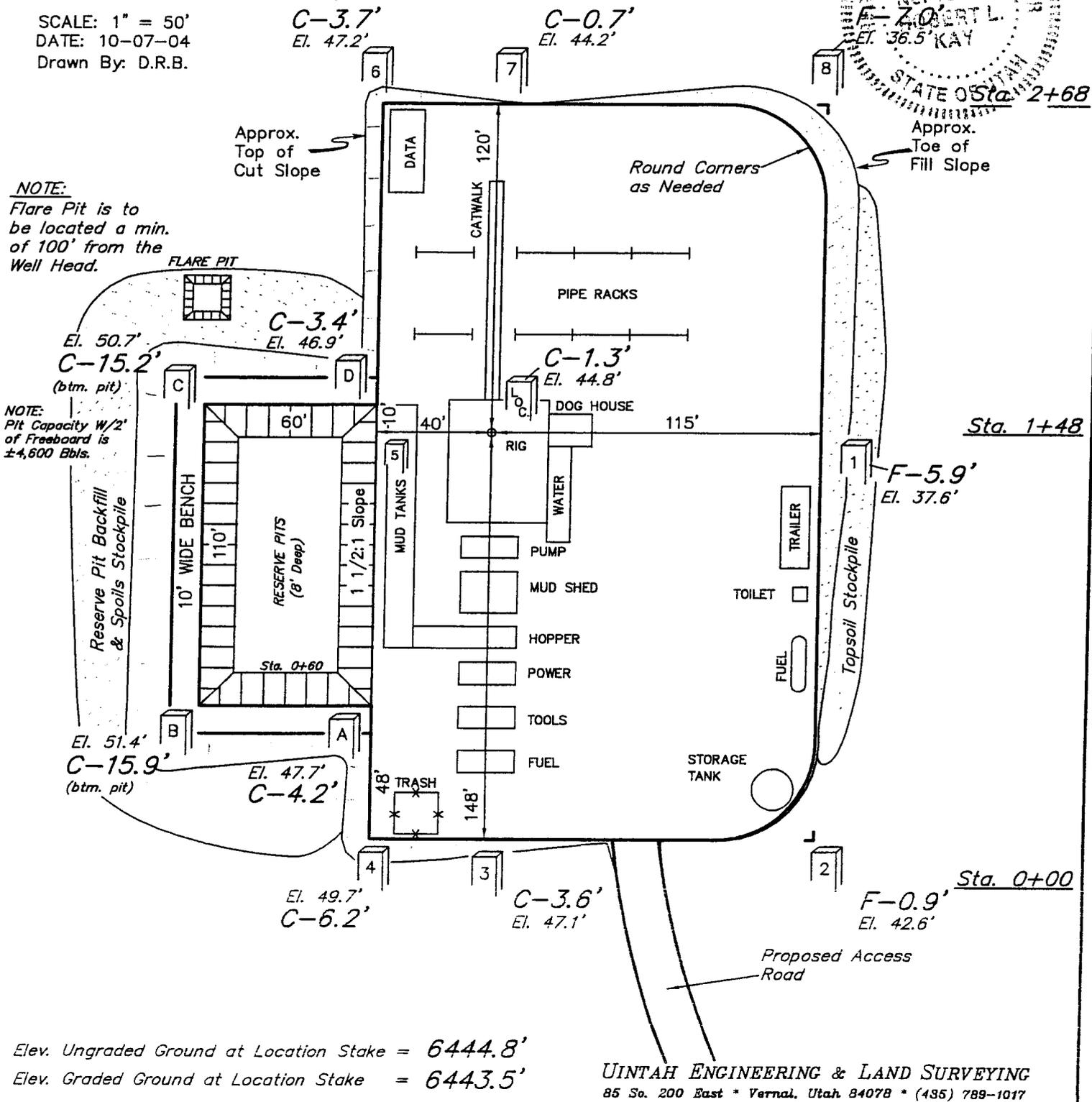
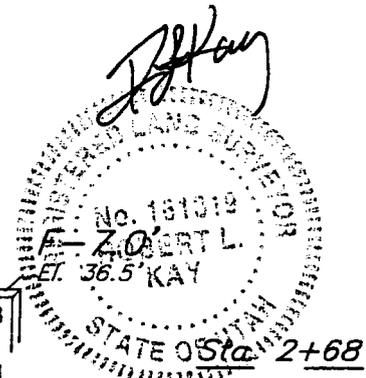
PETROGLYPH OPERATING CO., INC.

LOCATION LAYOUT FOR

UTE TRIBAL #20-11
SECTION 20, T5S, R3W, U.S.B.&M.
1959' FSL 2033' FWL



SCALE: 1" = 50'
DATE: 10-07-04
Drawn By: D.R.B.



PETROGLYPH OPERATING CO., INC.

TYPICAL CROSS SECTIONS FOR

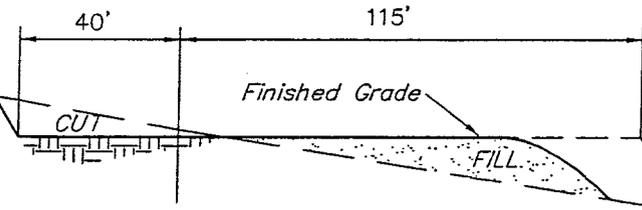
UTE TRIBAL #20-11
SECTION 20, T5S, R3W, U.S.B.&M.
1959' FSL 2033' FWL



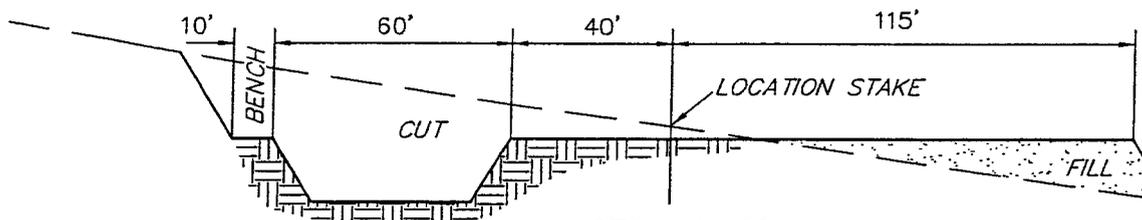
1" = 20'
X-Section Scale
1" = 50'

DATE: 10-07-04
Drawn By: D.R.B.

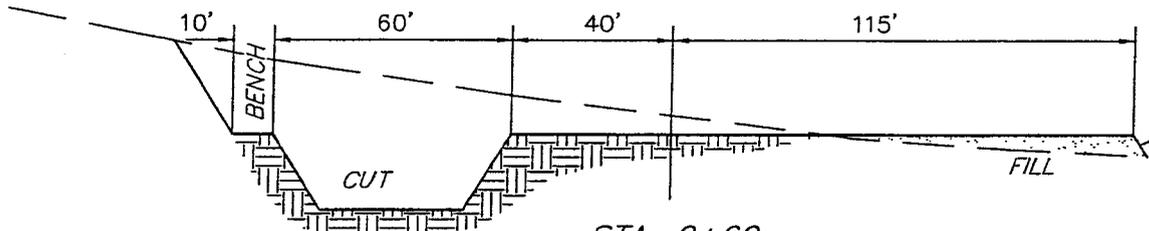
Preconstruction Grade



STA. 2+68

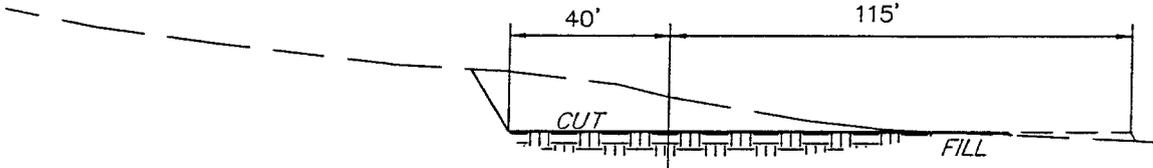


STA. 1+48



STA. 0+60

Slope = 1 1/2:1 (Typ.)



STA. 0+00

NOTE:

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

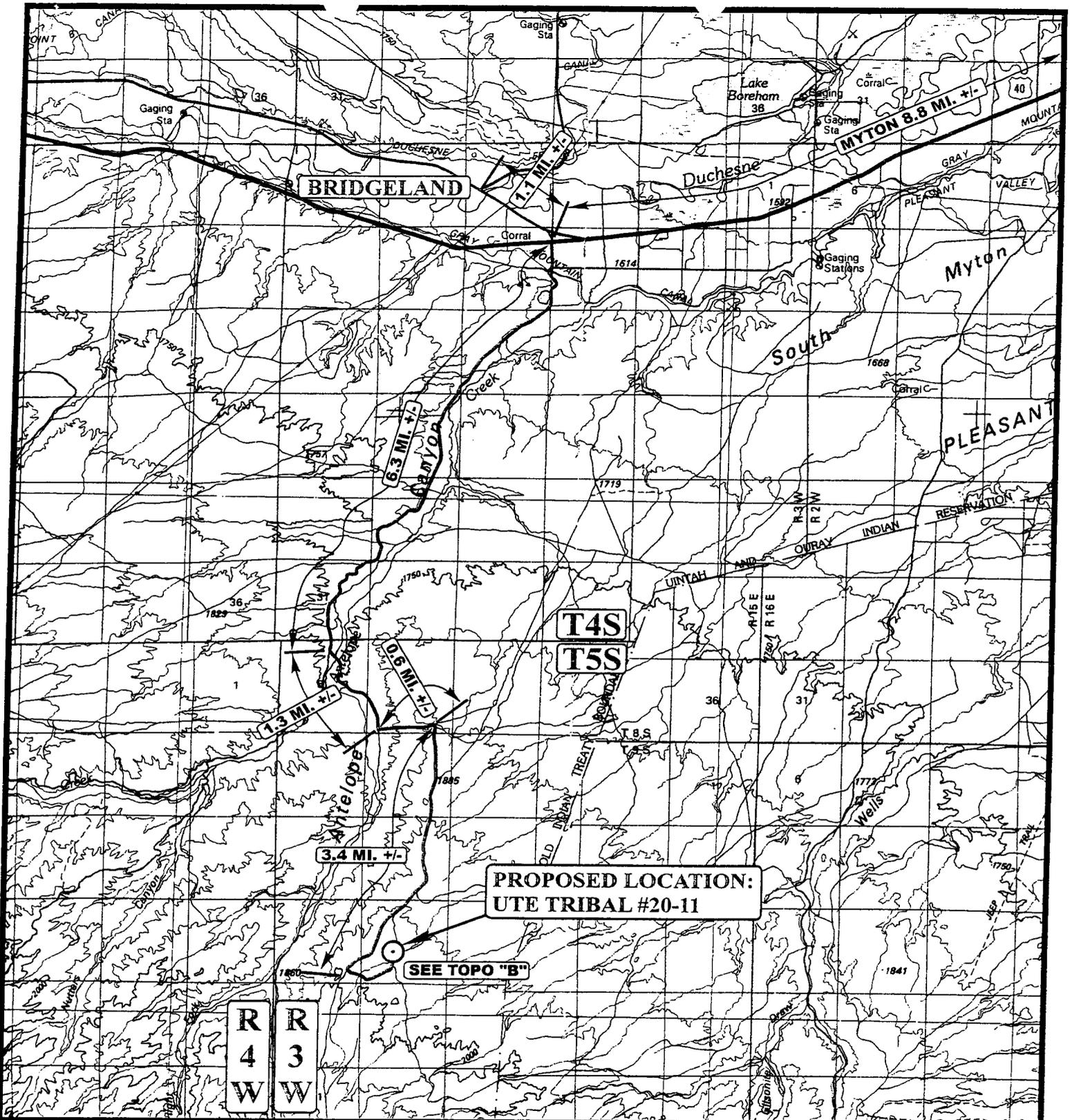
* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping	=	2,200 Cu. Yds.
Remaining Location	=	4,300 Cu. Yds.
TOTAL CUT	=	6,500 CU.YDS.
FILL	=	3,600 CU.YDS.

EXCESS MATERIAL	=	2,900 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,900 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

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



LEGEND:

○ PROPOSED LOCATION



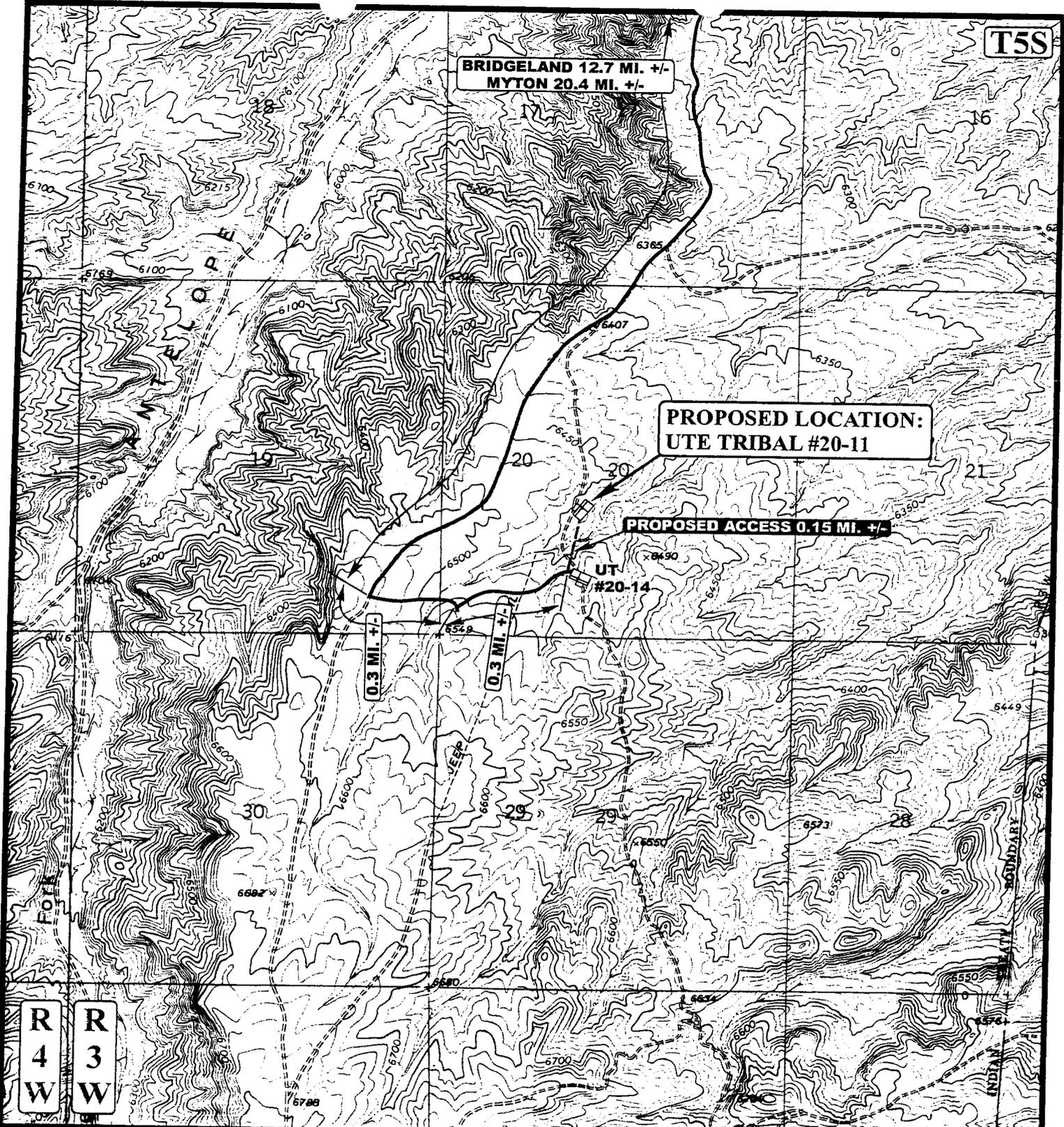
PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #20-11
 SECTION 20, T5S, R3W, U.S.B.&M.
 1959' FSL 2033' FWL

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

TOPOGRAPHIC 10 | 12 | 04
 MAP MONTH DAY YEAR
 SCALE: 1:100,000 | DRAWN BY: L.K. | REVISED: 00-00-00





BRIDGELAND 12.7 MI. +/-
MYTON 20.4 MI. +/-

PROPOSED LOCATION:
UTE TRIBAL #20-11

PROPOSED ACCESS 0.15 MI. +/-

0.3 MI. +/-

0.3 MI. +/-

UT
#20-14

R
4
W

R
3
W

LEGEND:

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD



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



PETROGLYPH OPERATING CO., INC.

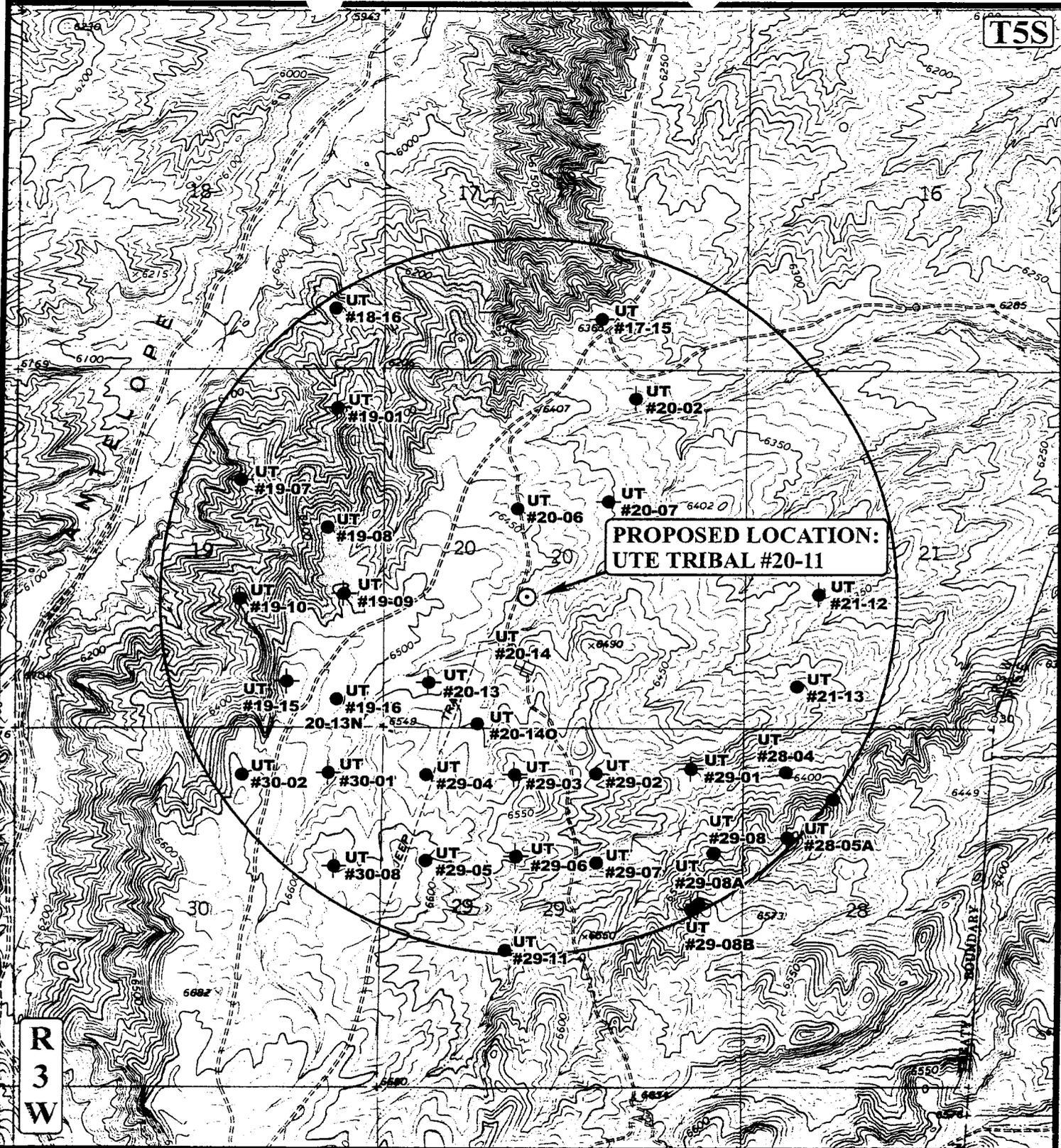
UTE TRIBAL #20-11
SECTION 20, T5S, R3W, U.S.B.&M.
1959' FSL 2033' FWL

TOPOGRAPHIC 10 | 12 | 04
MAP MONTH DAY YEAR

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



T5S



PROPOSED LOCATION:
UTE TRIBAL #20-11

R
3
W

LEGEND:

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

PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #20-11
SECTION 20, T5S, R3W, U.S.B.&M.
1959' FSL 2033' FWL

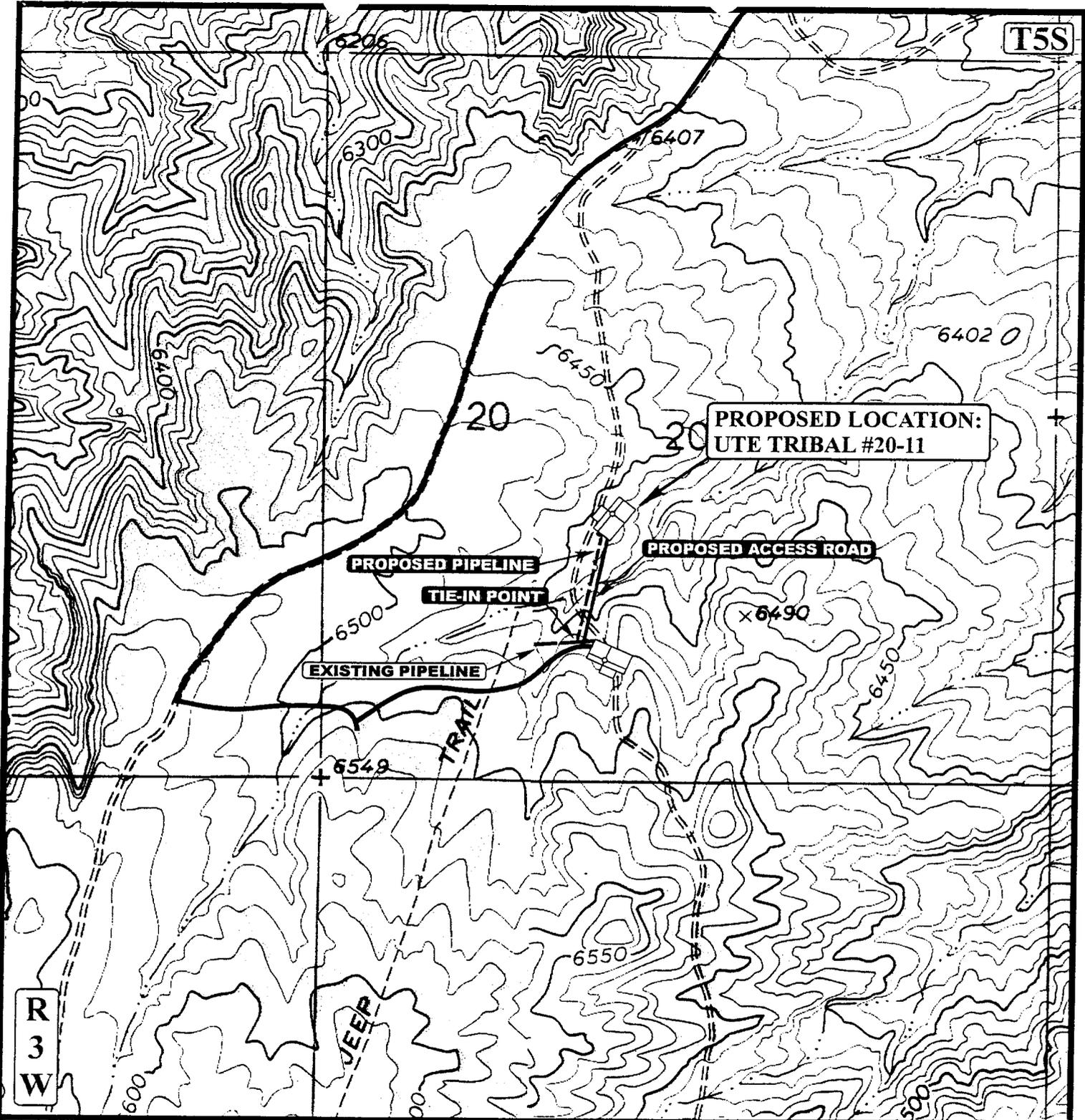


Utian Engineering & Land Surveying
35 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 10 | 12 | 04
MAP MONTH | DAY | YEAR

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





APPROXIMATE TOTAL PIPELINE DISTANCE = 900' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #20-11
 SECTION 20, T5S, R3W, U.S.B.&M.
 1959' FSL 2033' FWL



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

TOPOGRAPHIC 10|12|04
 MAP MONTH|DAY|YEAR
 SCALE: 1" = 1000' DRAWN BY: L.K. [REVISED: 00-00-00]

D
 TOPO

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/30/2008

API NO. ASSIGNED: 43-013-34049

WELL NAME: UTE TRIBAL 20-11
 OPERATOR: PETROGLYPH OPERATING CO (N3800)
 CONTACT: ED TROTTER

PHONE NUMBER: 435-722-2531

PROPOSED LOCATION:

NESW 20 050S 030W
 SURFACE: 1959 FSL 2033 FWL
 BOTTOM: 1959 FSL 2033 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.03025 LONGITUDE: -110.2482
 UTM SURF EASTINGS: 564144 NORTHINGS: 4431175
 FIELD NAME: NATURAL BUTTES (630)

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

LEASE TYPE: 2 - Indian
 LEASE NUMBER: 14-20-H62-3515
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: CSLPK
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

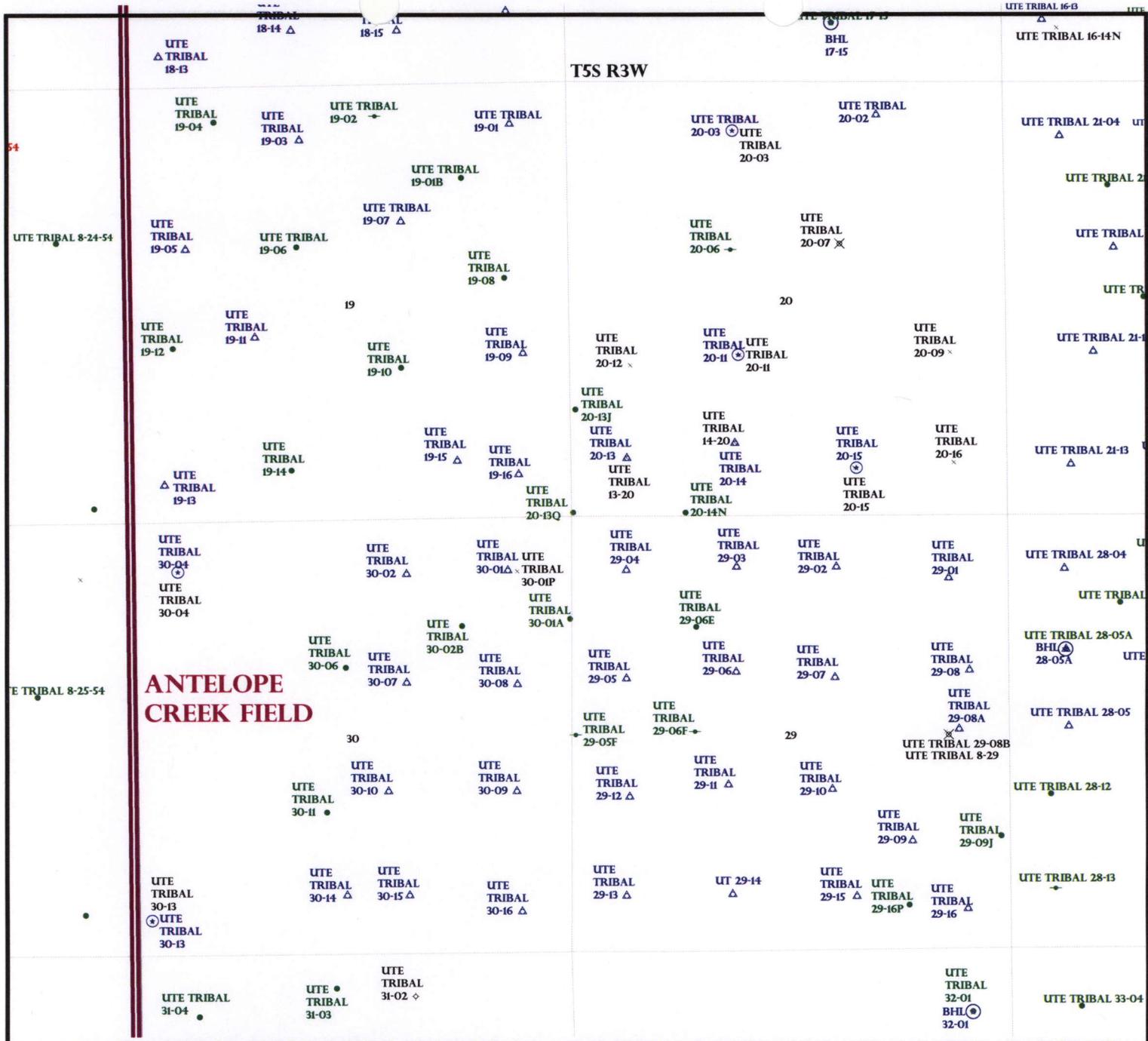
- Plat
- Bond: Fed[] Ind[2] Sta[] Fee[]
(No. 4138336)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10152)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS: _____

STIPULATIONS: 1- Federal Approval
2- Spacing Strip



ANTELOPE CREEK FIELD

OPERATOR: PETROGLYPH OPER (N3800)
 SEC: 20,30 T.5S R.3W
 FIELD: ANTELOPE (60)
 COUNTY: DUCHESNE
 SPACING: R649-3-2 / GENERAL SITING

- Wells Status**
- ⊗ GAS INJECTION
 - ⊗ GAS STORAGE
 - ⊗ LOCATION ABANDONED
 - ⊗ NEW LOCATION
 - ⊗ PLUGGED & ABANDONED
 - ⊗ PRODUCING GAS
 - ⊗ PRODUCING OIL
 - ⊗ SHUT-IN GAS
 - ⊗ SHUT-IN OIL
 - ⊗ TEMP. ABANDONED
 - ⊗ TEST WELL
 - ⊗ WATER INJECTION
 - ⊗ WATER SUPPLY
 - ⊗ WATER DISPOSAL
 - ⊗ DRILLING

- Field Status**
- ⬜ ABANDONED
 - ⬜ ACTIVE
 - ⬜ COMBINED
 - ⬜ INACTIVE
 - ⬜ PROPOSED
 - ⬜ STORAGE
 - ⬜ TERMINATED

- Unit Status**
- ⬜ EXPLORATORY
 - ⬜ GAS STORAGE
 - ⬜ NF PP OIL
 - ⬜ NF SECONDARY
 - ⬜ PENDING
 - ⬜ PI OIL
 - ⬜ PP GAS
 - ⬜ PP GEOTHERML
 - ⬜ PP OIL
 - ⬜ SECONDARY
 - ⬜ TERMINATED



PREPARED BY: DIANA MASON
 DATE: 31-JULY-2008



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 31, 2008

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

Re: Ute Tribal 20-11 Well, 1959' FSL, 2033' FWL, NE SW, Sec. 20, T. 5 South, R. 3 West,
Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34049.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: Petroglyph Operating Co., Inc.
Well Name & Number Ute Tribal 20-11
API Number: 43-013-34049
Lease: 14-20-H62-3515

Location: NE SW **Sec.** 20 **T.** 5 South **R.** 3 West

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

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

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

3. Reporting Requirements

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

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

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-3515
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO., INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
3. ADDRESS OF OPERATOR: P.O. BOX 607 CITY ROOSEVELT STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: UTE TRIBAL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1959' FSL, 2033' FWL		8. WELL NAME and NUMBER: UTE TRIBAL 20-11
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 20 5S 3W U		9. API NUMBER: 4301334049
COUNTY: DUCHESNE STATE: UTAH		10. FIELD AND POOL, OR WLD CAT: ANTELOPE CREEK

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
APD was approved July 31, 2008. Operator requests that approval be extended for another year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 09-02-09
By: [Signature]

COPY SENT TO OPERATOR
Date: 9.3.2009
Initials: KS

NAME (PLEASE PRINT) <u>Ed Trotter</u>	TITLE <u>Agent</u>
SIGNATURE <u>[Signature]</u>	DATE <u>8/26/2009</u>

(This space for State use only)

RECEIVED
AUG 31 2009

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4301334049
Well Name: UTE TRIBAL 20-11
Location: 1959' FSL, 2033' FWL, NESW, SEC. 20, T5S, R3W
Company Permit Issued to: PETROGLYPH OPERATING CO., INC.
Date Original Permit Issued: 7/31/2008

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

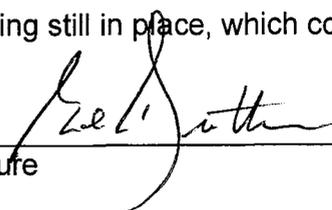
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-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

8/26/2009

Date

Title: Agent

Representing: Petroglyph Operating Co., Inc.

RECEIVED

AUG 31 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT **NOV 19, 2008**

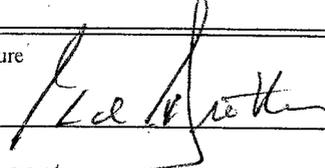
APPLICATION FOR PERMIT TO DRILL OR REENTER

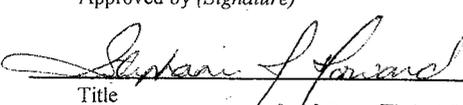
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 14-20-H62-3515
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name UTE INDIAN TRIBE
2. Name of Operator PETROGLYPH OPERATING CO., INC.		7. If Unit or CA Agreement, Name and No. UTE TRIBAL 14-20-H62-4650
3a. Address P.O. BOX 607, ROOSEVELT, UT 84066		8. Lease Name and Well No. UTE TRIBAL #20-11
3b. Phone No. (Include area code) (435)722-2531		9. API Well No. 43-013-34049
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 1959' FSL, 2033' FWL NE/SW		10. Field and Pool, or Exploratory ANTELOPE CREEK
At proposed prod. Zone		11. Sec., T., R., M., or Blk. and Survey or Area SEC. 20, T5S, R3W, U.S.B.&M.
14. Distance in miles and direction from nearest town or post office* 13.45 MILES SOUTHWEST OF BRIDGELAND, UTAH		12. County or Parish DUCHESNE
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any) 1959'		13. State UTAH
16. No. of Acres in lease 640		17. Spacing Unit dedicated to this well
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Man "C"		20. BLM/BIA Bond No. on file Bond #4138336
19. Proposed Depth 6200'		21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6443.5 FEET GRADED GROUND
22. Approximate date work will start* UPON APPROVAL		23. Estimated duration 45 DAYS

24. Attachments

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

- 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) Ed Trotter	Date July 7, 2008
Title Agent		

Approved by (Signature) 	Name (Printed/Typed) Stephanie J. Howard	Date 1/12/10
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

Conditions of Approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

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

*(Continued on page 2)

RECEIVED

JAN 28 2010

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

05PS0131A



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Petroglyph Operating Co., Inc.
Well No: Ute Tribal 20-11
API No: 43-013-34049

Location: NESW, Sec. 20, T5S, R3W
Lease No: 14-20-H62-3515
Agreement: Antelope Creek 14-20-H62-4650

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

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

General Conditions of Approval

- A 50 foot corridor access road right-of-way shall be approved.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.

- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

Additional Conditions of Approval

- Paint all facilities and equipment desert tan.
- Round corners as needed per tech approval.
- Upgrade two track from where the road ties in.

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

SITE SPECIFIC DOWNHOLE COAs:

Site Specific Drilling Plan COA's:

- All casing strings below the conductor shall be pressure tested to 0.22 psi/foot or 1500 psi, whichever is greater but not to exceed 70% of the internal yield.
- BOPE shall be tested in accordance with Onshore Order #2.

Variances Granted

Air Drilling

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for compressors to be 75' from well bore.
- Straight run blooie line. Variance granted for targeted "T"s at bends.
- Automatic igniter. Variance granted to not have an igniter at the end of the blooie line.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil &

Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

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

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

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: PETROGLYPH OPERATING COMPANY

Well Name: UTE TRIBAL 20-11

Api No: 43-013-34049 Lease Type: INDIAN

Section 20 Township 05S Range 03W County DUCHESNE

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # 3

SPUDDED:

Date 06/07/2010

Time 12:00 PM

How DRY

Drilling will Commence: _____

Reported by GLEND A DAVIS

Telephone # (435) 722-5303

Date 06/09/2010 Signed CHD

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-3515
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
2. NAME OF OPERATOR: Petroglyph Operating Company		7. UNIT or CA AGREEMENT NAME: 14-20-H62-4650
3. ADDRESS OF OPERATOR: PO Box 607		8. WELL NAME and NUMBER: Ute Tribal 20-11
CITY Roosevelt	STATE UT	9. API NUMBER: 4301334049
ZIP 84066	PHONE NUMBER: (435) 722-2531	10. FIELD AND POOL, OR WLD CAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1959' FLS, 2033' FWL

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 20 T5S R3W U

COUNTY: Duchesne

STATE: UTAH

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

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

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

We spud this well on 6/7/2010

NAME (PLEASE PRINT) <u>Glenda Davis</u>	TITLE <u>Office Manager</u>
SIGNATURE	DATE <u>6/24/2010</u>

(This space for State use only)

RECEIVED
JUN 28 2010

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

ENTITY ACTION FORM

Operator: PETROGLYPH OPERATING COMPANY Operator Account Number: N 3800
 Address: PO BOX 607
city ROOSEVELT
state UT zip 84066 Phone Number: (435) 722-2531

Well 1 4301334049

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301332713	UTE TRIBAL 20-11		NESW	20	5S	3W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	<u>99999</u>	<u>9377</u>	6/7/2010		<u>7/15/10</u>		
Comments: Please add this well to Entity # 09377 <u>CSLPR = GRRV rigskid from 4301332713</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301334050	UTE TRIBAL 20-03		NENW	20	5S	3W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	<u>99999</u>	<u>9377</u>	6/12/2010		<u>7/15/10</u>		
Comments: Please add this well to Entity # 09377 <u>CSLPR = GRRV</u>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301334291	UTE TRIBAL 20-07			20	5S	3W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	12050		6/8/2010				
Comments: Please add this well to Entity # 12000 <u>resubmitted 7/13/10 EP</u>							

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

Glenda Davis
 Name (Please Print)
Glenda Davis
 Signature
 Office Manager
 Title
 Date 6/24/2010

RECEIVED

JUN 28 2010

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
14H623515

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

7. UNIT or CA AGREEMENT NAME:
14H624650

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
UTE TRIBAL 20-11

2. NAME OF OPERATOR:
PETROGLYPH OPERATING COMPANY

9. API NUMBER:
4301334049

3. ADDRESS OF OPERATOR:
PO BOX 607 CITY **ROOSEVELT** STATE **UT** ZIP **84066**

PHONE NUMBER:
(435) 722-2531

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

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **1959 FSL, 2033 FWL**
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NESW 20 5S 3W U**

COUNTY: **DUCHESNE**
STATE: **UTAH**

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

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

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

DATE OF FIRST PRODUCTION FOR THIS WELL WAS ON 7/1/2010

NAME (PLEASE PRINT) **GLEND A DAVIS**

TITLE **OFFICE MANAGER**

SIGNATURE *Glenda Davis*

DATE **7/6/2010**

(This space for State use only)

RECEIVED
JUL 12 2010

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

RECEIVED
JUL 29 2010
DIV. OF OIL, GAS & MINING

AMENDED REPORT FORM 8
(highlight changes)

LEASE DESIGNATION AND SERIAL NUMBER:
1420H623515

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE TRIBE

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
UTE TRIBAL 20-11

9. API NUMBER:
4301334049

10. FIELD AND POOL, OR WILDCAT
ANTELOPE CREEK

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
20 5S 3W

12. COUNTY
DUCHEсне

13. STATE
UTAH

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

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

2. NAME OF OPERATOR:
PETROGLYPH

3. ADDRESS OF OPERATOR:
BOX 607 CITY ROOSEVELT STATE UT ZIP 84066 PHONE NUMBER: (435) 722-2531

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1959' FSL & 2033' FWL SEC. 20 NE/SW
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1975' FSL & 2011' FWL SEC 20 NE/SW
AT TOTAL DEPTH: ⁵³1986' FSL & ²⁴2066' FWL SEC 20 NE/SW

per HSM review

14. DATE SPUNDED: 6/7/2010 15. DATE T.D. REACHED: 6/16/2010 16. DATE COMPLETED: 7/1/2010 ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
6457 RKB

18. TOTAL DEPTH: MD 6,042 TVD 6,042 19. PLUG BACK T.D.: MD 5,971 TVD 5,970 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, BHV, SPEC. DEN., CBL, DIRECTIONAL SURVEY

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL.)	CEMENT TOP **	AMOUNT PULLED
20	14 k55	42	0	40		redimix			cond
12.25	8.625 J55	24	0	511		G 220	46	0	
7.785	5.5 J55	15.5	0	6,052		G 813	280	120	

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	5,192							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) GR. RIVER					4,240 4,248	.42	32	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					4,456 4,460	.42	16	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					4,466 4,474	.42	32	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					4,482 4,490	.42	32	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4240'-4248'	26,363# OF 1#-5# RAMP FRAC. 278 BBLs. 20# DELTA 140 W/250 GALS. 15% HCL
4456'-4616'	51,700# OF 1#-5# RAMP & 9,073# OF 6# FRAC 454 BBLs 20# DELTA 140 W/250 GALS 15% HCL
4874'-4937'	25,206# OF 1#-5# RAMP SAND FRAC 219 BBLs. 20# DELTA 140 W/250 GALS 15% HCL

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

30. WELL STATUS:
POW

PETROGLYPH



UTE TRIBAL 20-11 COMPLETION

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

PERFS. CONT:

ALL SHOTS 90 DEGREE PHASING 4SPF

4613'-4616' = .42 DIA. 12 HOLES OPEN
4874'-4877' = .42 DIA. 12 HOLES OPEN
4882'-4884' = .42 DIA. 8 HOLES OPEN
4935-4938' = .42 DIA. 12 HOLES OPEN
5122'-5126' = .42 DIA. 16 HOLES OPEN

FORM 8 SEC. 28

FRACS. CONT:

DEPTH INTERVAL:

5122'-5126' = 14,238# OF 1#-5# RAMP SAND FRAC. 122 BBLS. DELTA 140 W/250
GALS. HCL

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 7/1/2010		TEST DATE: 7/3/2010		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 40	GAS - MCF: 12	WATER - BBL: 115	PROD. METHOD: ROD PUMP
CHOKE SIZE: 34	TBG. PRESS. 55	CSG. PRESS. 170	API GRAVITY 33.00	BTU - GAS 1	GAS/OIL RATIO 300	24 HR PRODUCTION RATES: →	OIL - BBL: 40	GAS - MCF: 12	WATER - BBL: 115	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 AS 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 MKR.	2,952
				GARDEN GULCH	3,654
				B MKR	4,049
				X MKR	4,534
				Y MKR	4,571
				DOUGLAS CREEK	4,677
				B LIME	5,058
				CASTLE PEAK MKR.	5,617
				BASAL CARBONATE	

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) BOYD COOK TITLE RIG REP
 SIGNATURE *Boyd Cook* DATE 7-27-10

This report must be submitted within 30 days of

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

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

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

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

HALLIBURTON

RECEIVED
JUL 29 2010
 DIV. OF OIL, GAS & MINING
 BOREHOLE VOLUME PLOT

PETROGLYPH OPERATING
 COMPANY
 UTE TRIBAL 20-11
 ANTELOPE CREEK
 DUCHESNE
 UTAH

COMPANY **PETROGLYPH OPERATING COMPANY**
 WELL **UTE TRIBAL 20-11**
 FIELD **ANTELOPE CREEK**
 COUNTY **DUCHESNE** STATE **UTAH**

API No. 43013340490000
 Location SURFACE HOLE LOCATION:
 1959' FSL & 2033' FWL (NE,SE)
 Other Services:
 RWCH
 DSNT/SDLT
 ACRT

Sect. 20 Twp. 5S Rge. 3W

Permanent Datum GL Elev. 6443.5 ft Elev.: K.B. 6457.5 ft
 Log measured from KB 14.0 ft above perm. Datum D.F. 6456.5 ft
 Drilling measured from KB G.L. 3443.5 ft

Date	17-Jun-10		
Run No.	ONE		
Depth - Driller	6042.00 ft		
Depth - Logger	6041.0 ft		
Bottom - Logged Interval	6016.0 ft		
Top - Logged Interval	100.0 ft		
Casing - Driller	8.625 in @ 507.0 ft	@	@
Casing - Logger	508.0 ft		
Bit Size	7.875 in	@	@
Type Fluid in Hole	WATER BASED MUD		
Density	8.3 ppg	27.00 s/qt	
PH	Fluid Loss	7.00 pH	
Source of Sample	MUD TANK		
Rm @ Meas. Temperature	0.81 ohmm @ 75.00 degF	@	@
Rmf @ Meas. Temperature		@	@
Rmc @ Meas. Temperature		@	@
Source Rmf	Rmc		
Rm @ BHT	0.45 ohmm @ 140.0 degF	@	@
Time Since Circulation	8.5 hr		
Time on Bottom	17-Jun-10 18:30		
Max. Rec. Temperature	140.0 degF @ 6041.0 ft	@	@
Equipment	Location	10800785	VERNAL, UT
Recorded By	G. ALLEN		
Witnessed By	A. POLLARD		

Fold here

Service Ticket No.: 7444594		API Serial No.: 43013340490000		PGM Version: WL INSITE R2.6.1 (Build 9)			
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE				RESISTIVITY SCALE CHANGES			
Date	Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole		
Depth-Driller							
Type Fluid In Hole							
Density							
Ph							
Source of Sample							
Rm @ Meas. Temp.	@	Run No.	Tool Type & No.	Pad Type	Tool Pos.	Other	
Rmf @ Meas. Temp.	@	ONE	ACRT-12075842	N/A	1.5" STANDOFF	N/A	
Rmc @ Meas. Temp.	@						
Source Rmf	Rmc						
Rm @ BHT	@						
Rmf @ BHT	@						
Rmc @ BHT	@						
EQUIPMENT DATA							
GAMMA				DENSITY			
Run No.	ONE	Run No.	ONE	Run No.	ONE	NEUTRON	
Serial No.	11277435	Serial No.	10895353	Serial No.	10813523		
Model No.	GTET	Model No.	SDLT-1	Model No.	DSNT-1		
Diameter	3.625"	No. of Cent.	4, 5"	Diameter	3.625"		
Detector Model No.	GTET	Log Type	GAMMA-GAMMA	Log Type	THERMAL		
Type	SCINT.	Source Type	CS137	Source Type	Am241Be		
Length	8"	Serial No.	5246GW	Serial No.	21480B		
Distance to Source	10'	Strength	1.5 Ci	Strength	15 Ci		

INCREASING DATA

GENERAL			GAMMA		ACOUSTIC			DENSITY			NEUTRON			
Run	Depth		Speed	Scale		Scale		Matrix	Scale		Matrix	Scale		Matrix
No.	From	To	ft/min	L	R	L	R		L	R		L	R	
ONE	6041'	100'	REC	0	200				30%	-10%	2.68 g/cc	30%	-10%	SAND

DIRECTIONAL INFORMATION

Maximum Deviation @ KOP @

Remarks: RWCH, GTET, DSNT, SDLT, ACRT RAN IN COMBINATION.
 ANNULAR HOLE VOLUME CALCULATED FOR 5.5-INCH PRODUCTION CASING.
 BOREHOLE RUGOSITY, TENSION PULLS, ANE WASHOUT MAY EFFECT TOOL RESPONSE.
 CHLORIDES: 100 mg/L

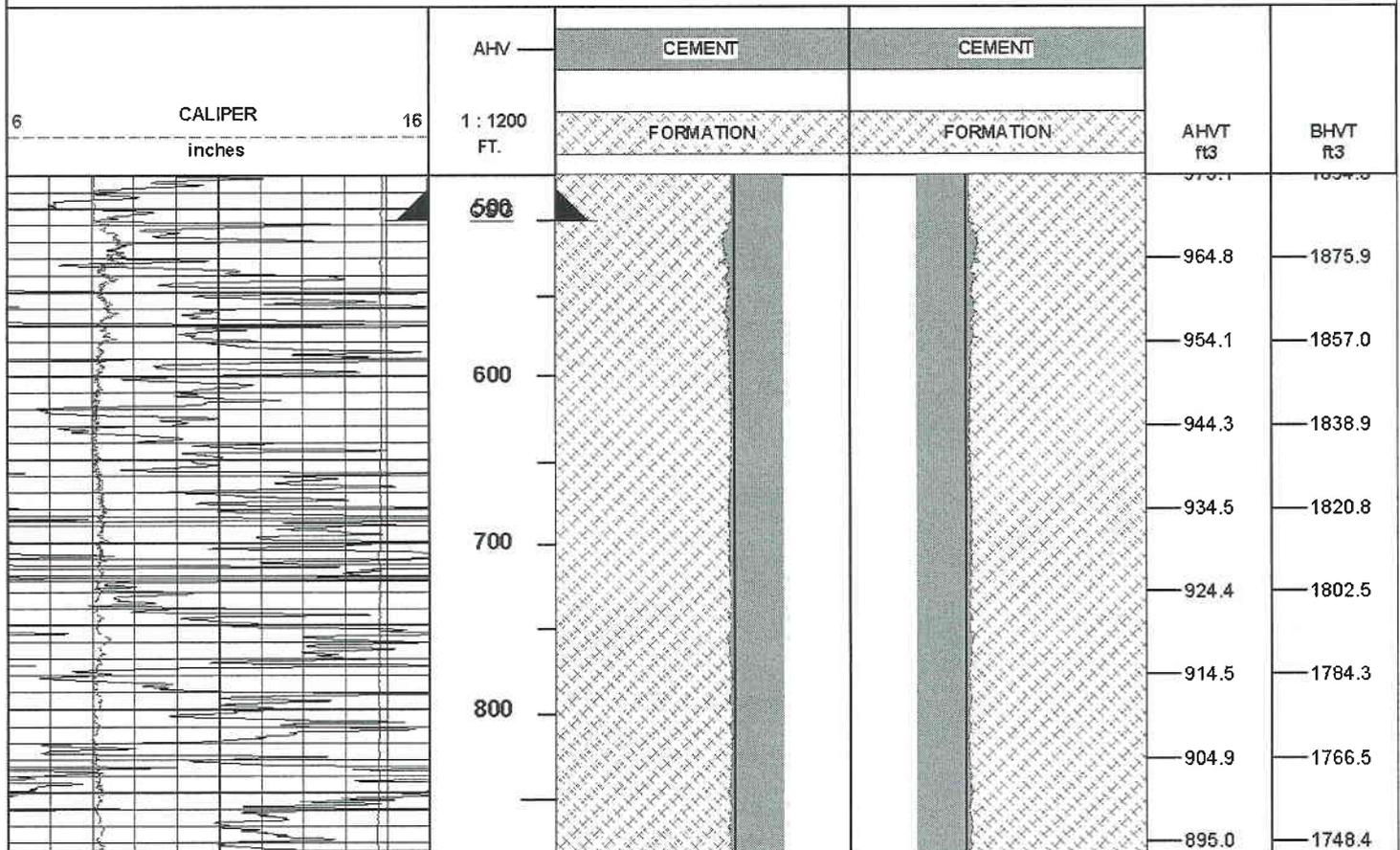
LATITUDE: 40.030248°N
 LONGITUDE: 110.248239°W
 TODAY'S CREW: M. BARTHOLOMEUSZ & R. HORSLEY
 THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES - VERNAL, UT (435) 789-2560

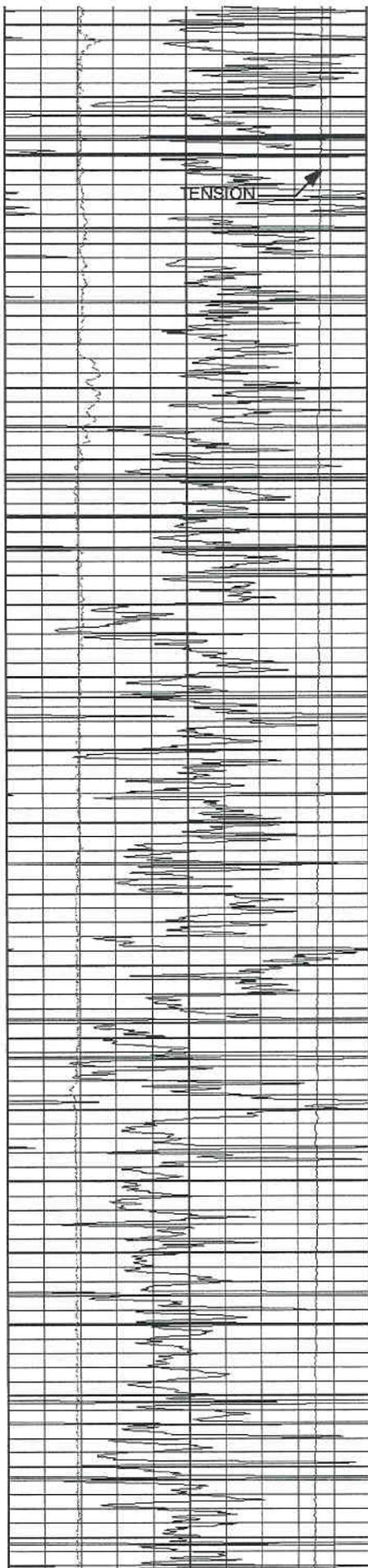
HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.

HALLIBURTON

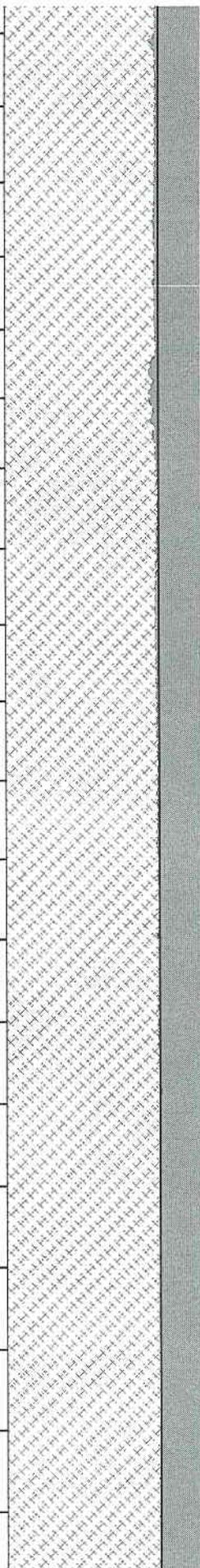
HALLIBURTON

Plot Time: 17-Jun-10 21:07:14
 Plot Range: 480 ft to 6051.92 ft
 Data: PETRO_UTE_20_11\Well Based\DAQ-0001-0041
 Plot File: \BHWIQ_BHV

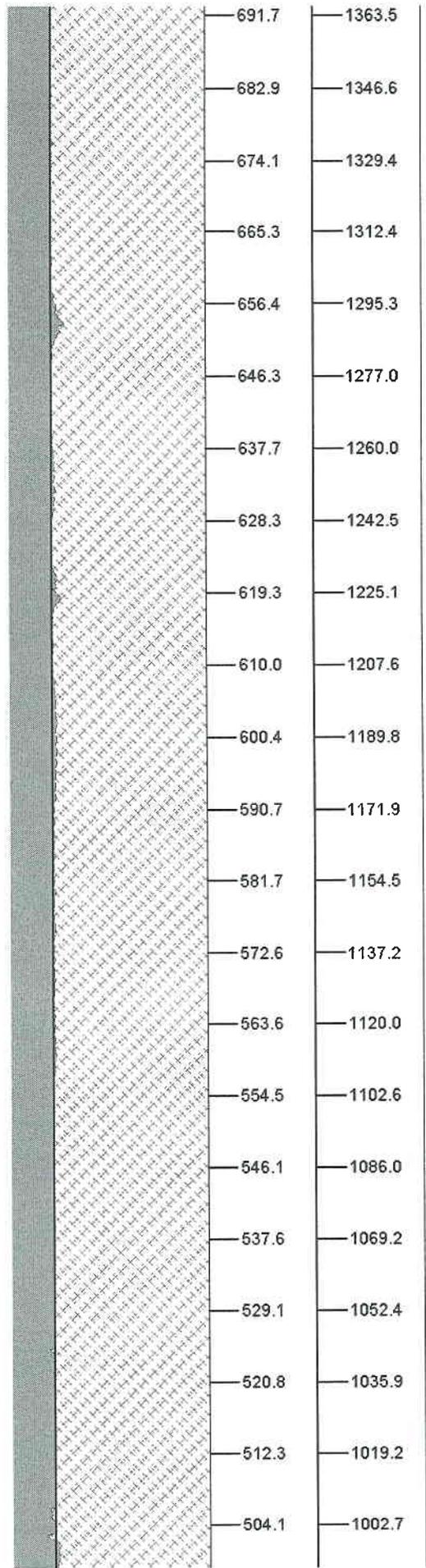
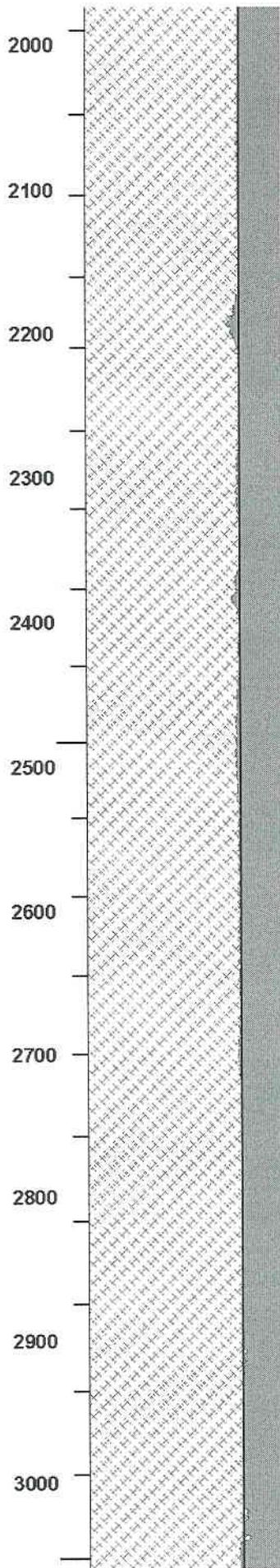
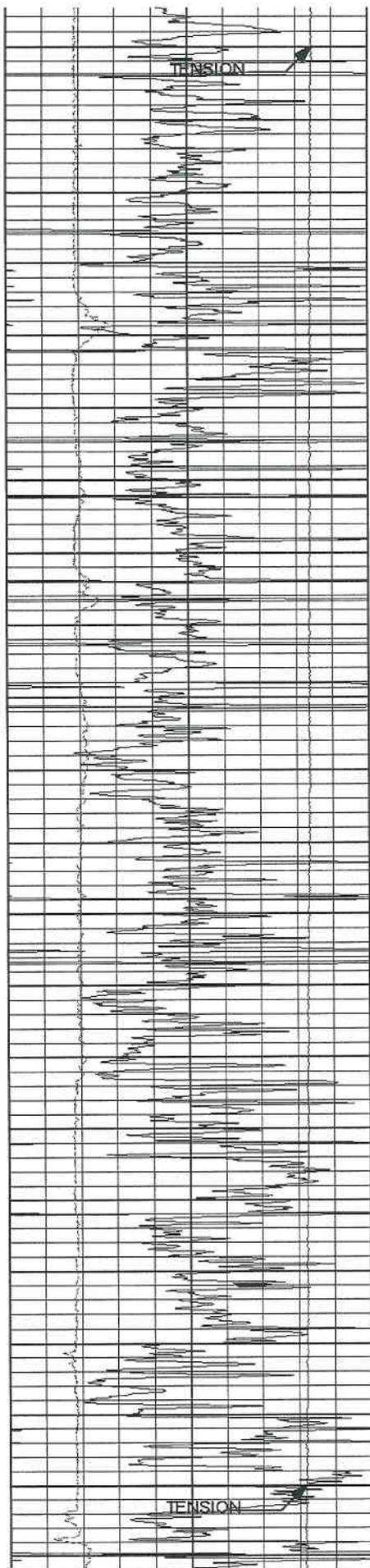


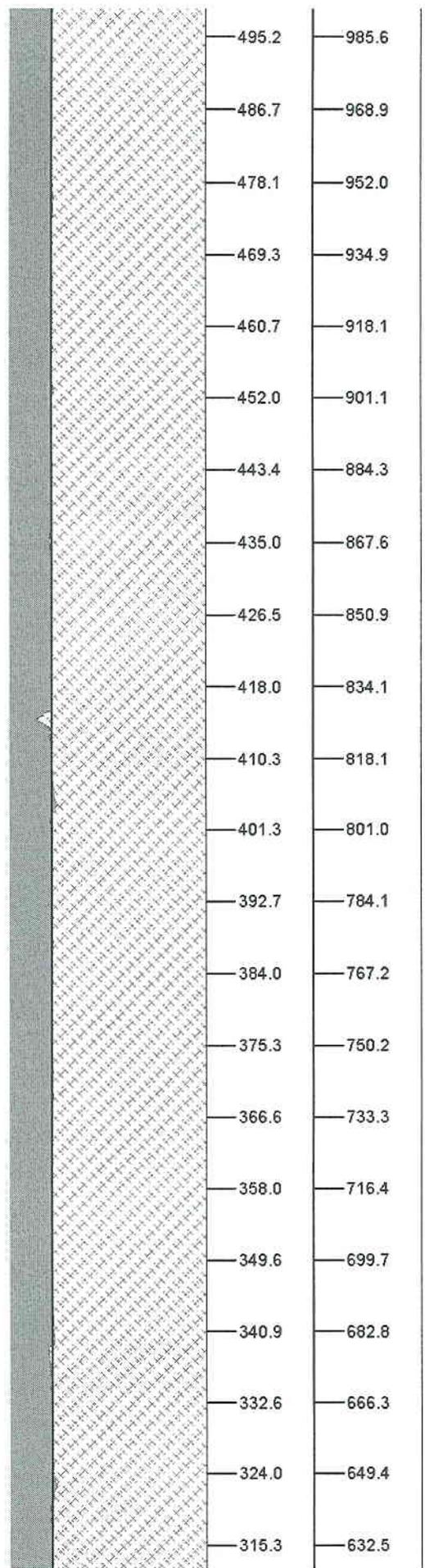
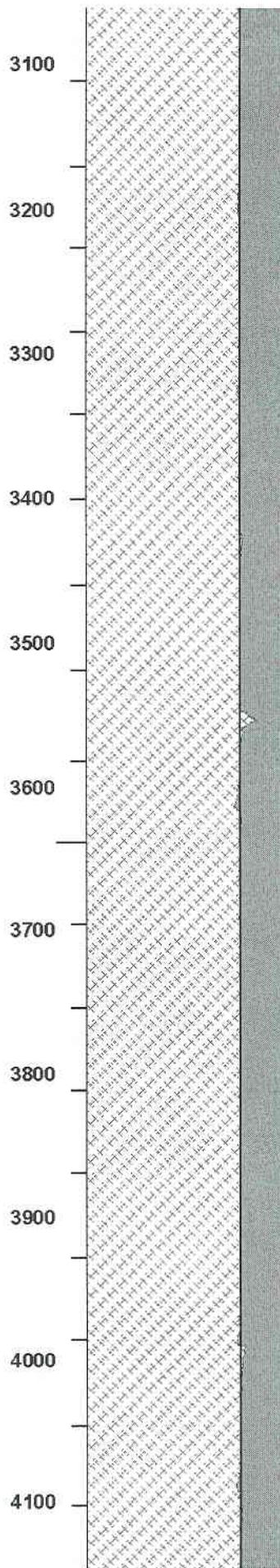
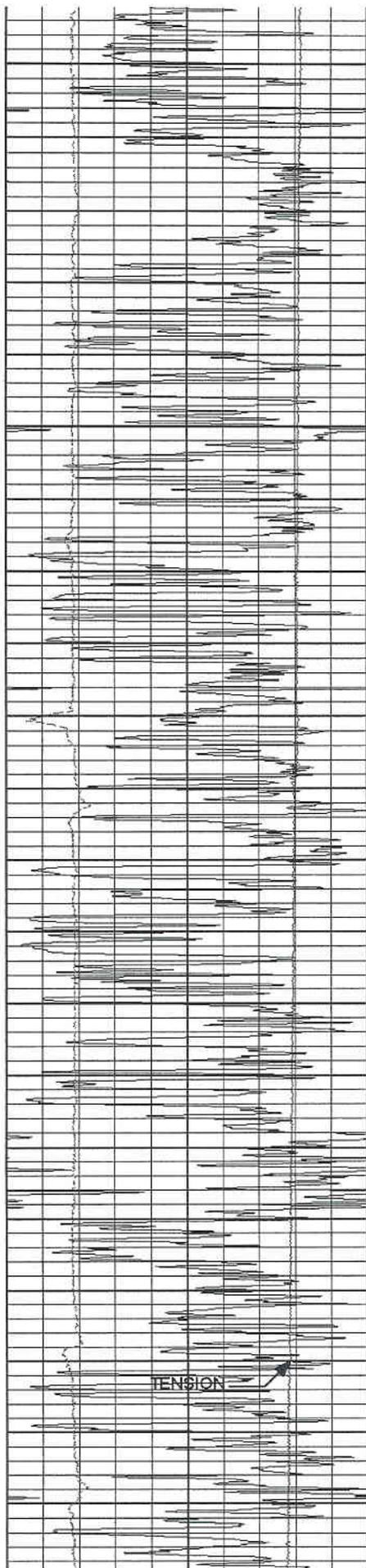


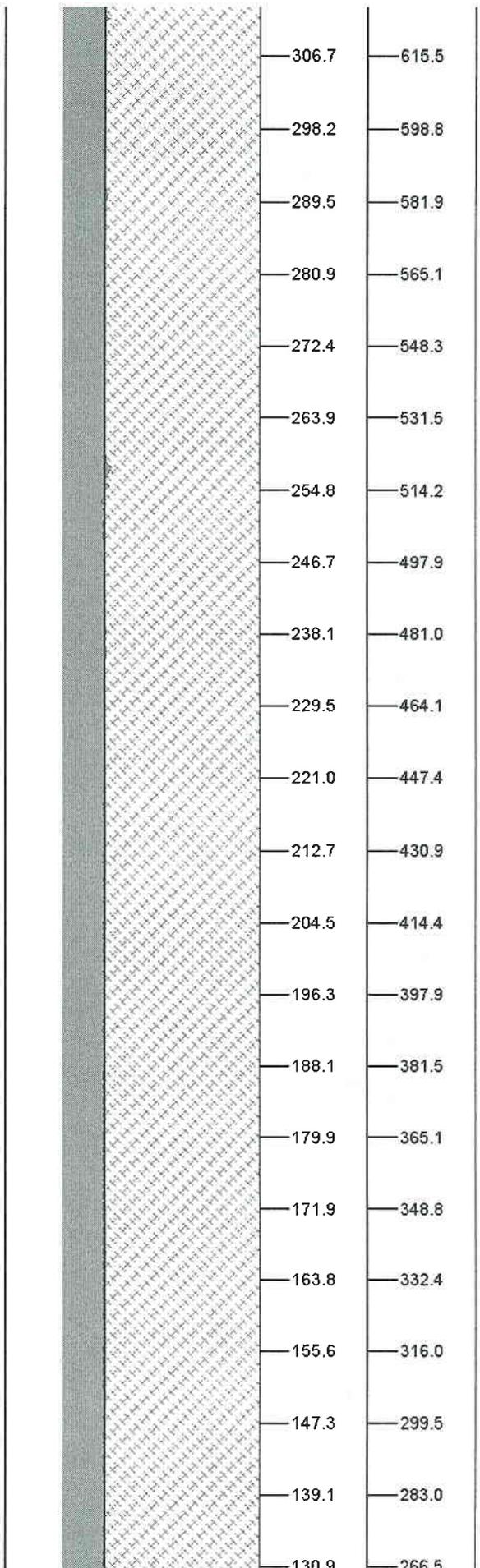
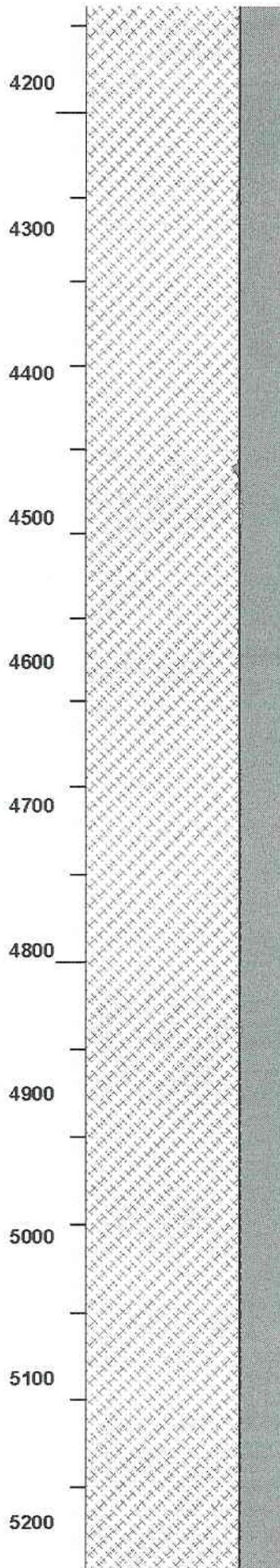
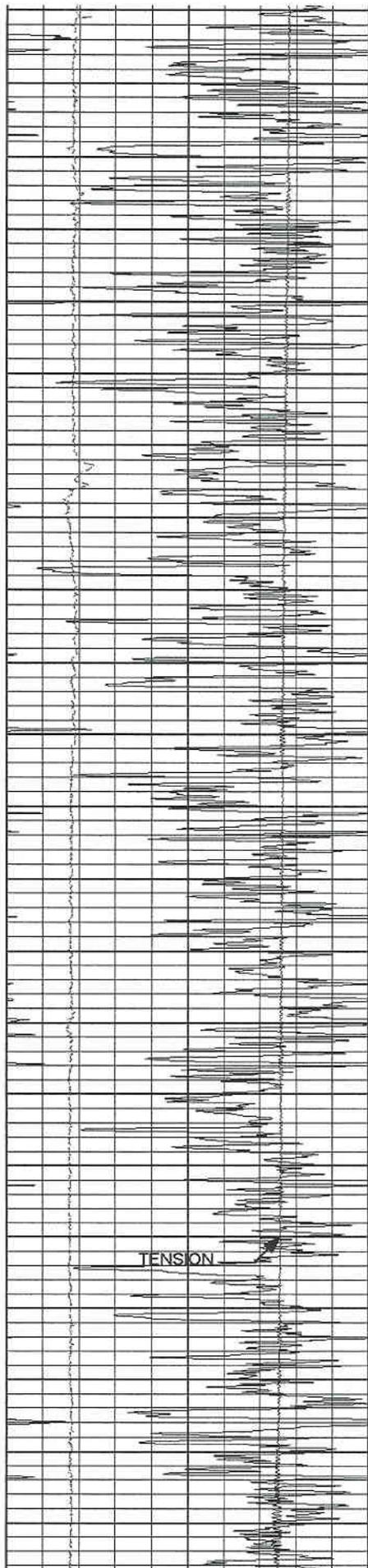
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900

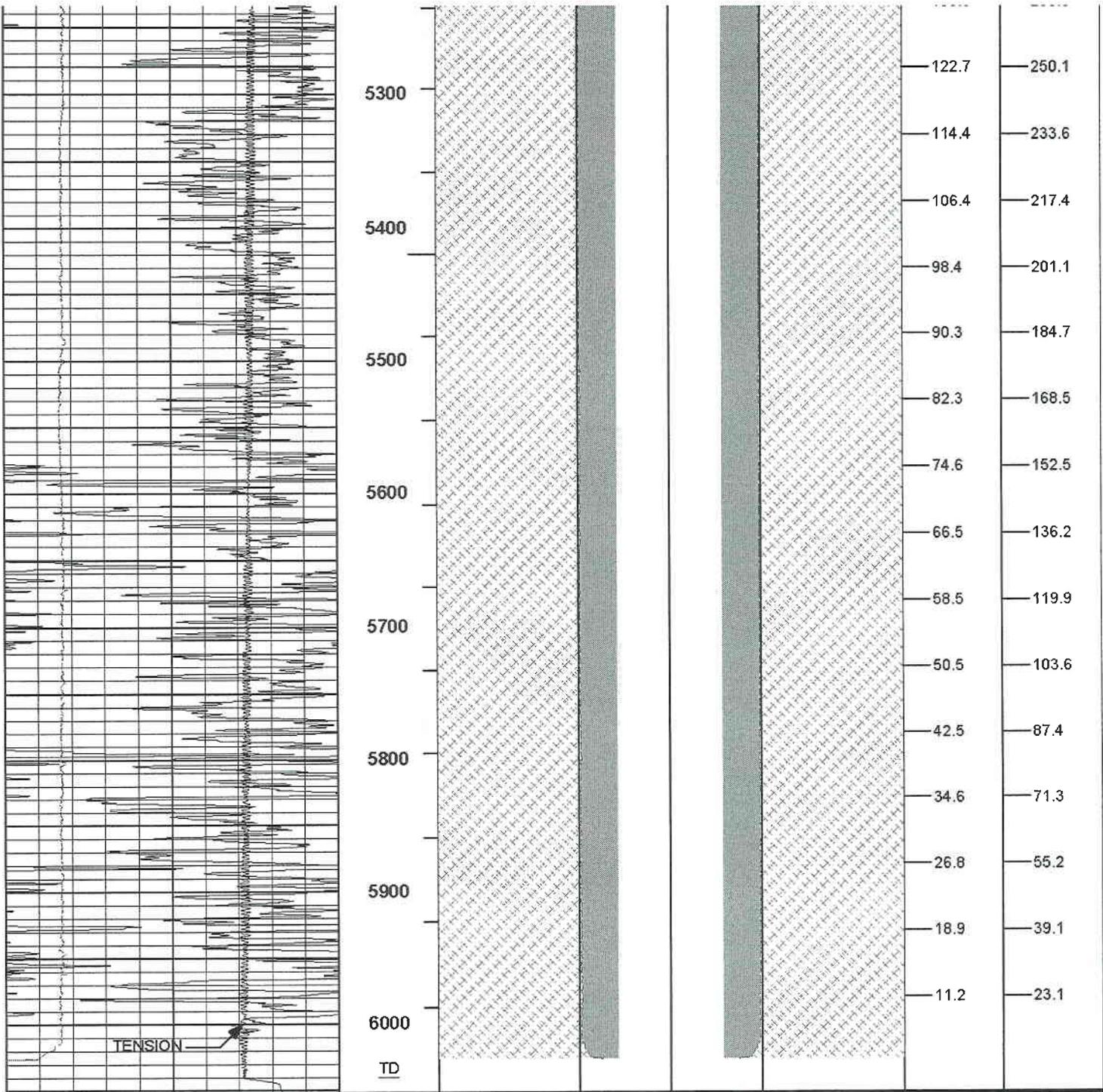


885.1 — 1730.2
875.6 — 1712.4
865.9 — 1694.5
855.9 — 1676.2
846.2 — 1658.3
835.2 — 1639.0
825.8 — 1621.4
816.6 — 1604.0
807.0 — 1586.1
797.7 — 1568.6
788.6 — 1551.2
779.5 — 1533.8
770.6 — 1516.7
761.7 — 1499.6
752.8 — 1482.4
744.2 — 1465.6
735.5 — 1448.6
726.7 — 1431.6
718.0 — 1414.6
709.2 — 1397.6
700.4 — 1380.6









6	CALIPER inches	16	1 : 1200 FT.	FORMATION	FORMATION	AHVT ft3	BHVT ft3
			AHV	CEMENT	CEMENT		

HALLIBURTON

Plot Time: 17-Jun-10 21:07:16
 Plot Range: 480 ft to 6051.92 ft
 Data: PETRO_UTE_20_11\Well Based\DAQ-0001-0041
 Plot File: \\BHM\IQ_BHV

COMPANY **PETROGLYPH OPERATING COMPANY**

WELL **UTE TRIBAL 20-11**

FIELD ANTELOPE CREEK

COUNTY DUCHESNE STATE UTAH

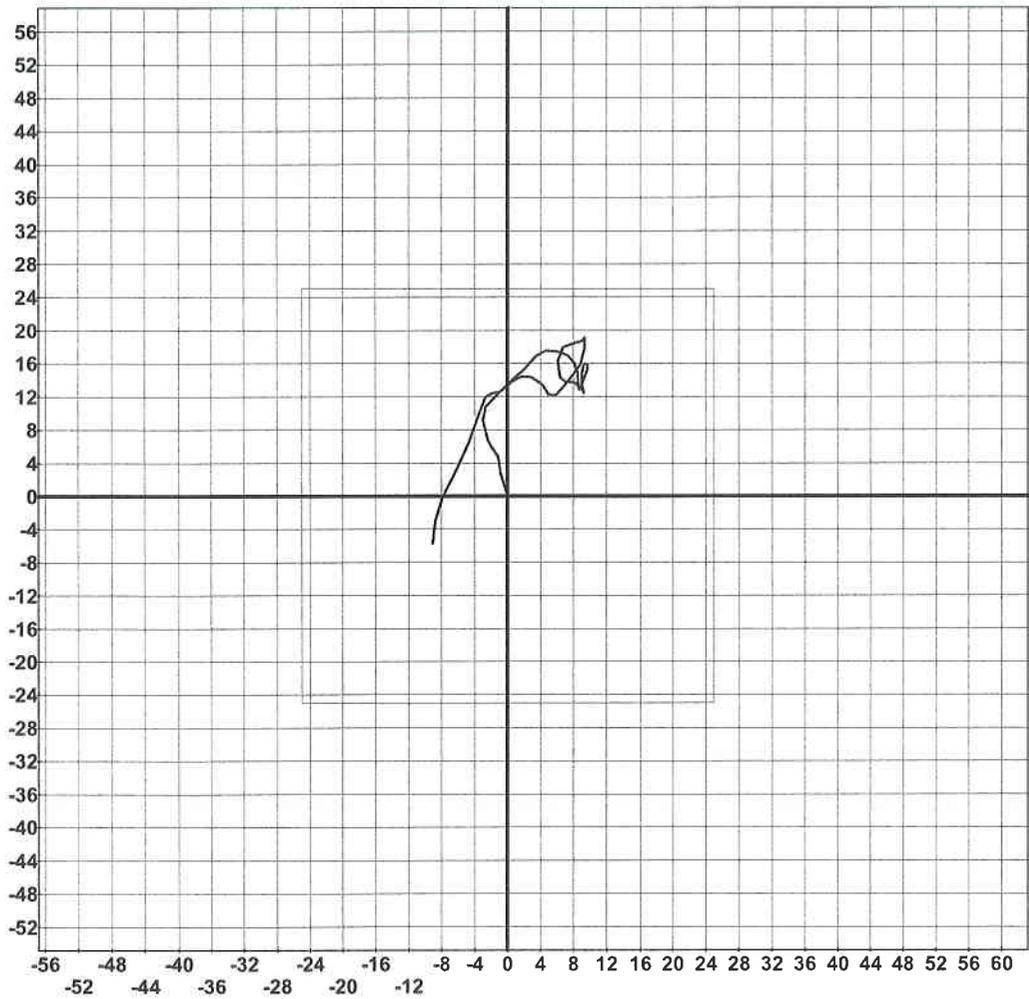
HALLIBURTON

BOREHOLE VOLUME PLOT

Job Number: 42DEF1006598
 Company: PETROGLYPH
 Lease/Well: UTE TRIBAL 20-11
 Location: UTE TRIBAL
 Rig Name: AZTEC 184
 State/Country: UT/USA

File name: D:\WINSERVE\UTE20-11.SVY

175
 400
 625
 850
 1075
 1300
 1525
 1750
 1975
 2200
 2425
 2650
 2875
 3100
 3325
 3550
 3775
 4000
 4225
 4450
 4675
 4900
 5125
 5350
 5575
 5800
 6025
 6250
 6475
 6700
 6925
 7150
 7375
 7600
 7825
 8050



RECEIVED
 JUL 29 2010
 DIV. OF OIL, GAS & MINING

-137525-475-25 425 875 1325 1775 2225 2675 3125 3575 4025 4475 4925 5375 5825 6275 6725 7175 7625 8075 8525 8975 9425 9875 10325 10775 11225 11675 12125 12575 13025 13475 13925
 -115700-250200 650 1100 550200 24502900 3350800 4250700 5150600 6050500 6950400 7850300 8750200 9650100 1055000 11450900 12350800 13250700 14150

Job Number: 42DEF1006598
 Company: PETROGLYPH
 Lease/Well: UTE TRIBAL 20-11
 Location: UTE TRIBAL
 Rig Name: AZTEC 184
 RKB: 6458
 G.L. or M.S.L.: □

State/Country: UT/USA
 Declination: 11.56
 Grid: □
 File name: D:\WINSERVE\UTE20-11.SVY
 Date/Time: 17-Jun-10 / 05:53
 Curve Name: UTE TRIBAL 20-11 AS DRILLED

Scientific Drilling

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane .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
546.00	.62	341.81	545.99	2.81	-.92	2.81	2.95	341.81	.11
638.00	.62	10.02	637.98	3.77	-.99	3.77	3.90	345.27	.33
730.00	.79	330.56	729.98	4.81	-1.22	4.81	4.96	345.82	.55
822.00	.70	320.10	821.97	5.80	-1.89	5.80	6.10	341.95	.18
914.00	.62	341.37	913.96	6.70	-2.41	6.70	7.12	340.23	.28
1005.00	.88	351.39	1004.96	7.86	-2.67	7.86	8.30	341.23	.32
1096.00	.88	339.79	1095.95	9.20	-3.02	9.20	9.68	341.86	.20
1188.00	1.32	34.28	1187.93	10.74	-2.66	10.74	11.07	346.08	1.17
1283.00	1.76	48.60	1282.90	12.61	-.95	12.61	12.65	355.68	.61
1376.00	1.14	44.56	1375.87	14.21	.77	14.21	14.23	3.09	.68
1469.00	1.23	50.36	1468.85	15.51	2.19	15.51	15.66	8.02	.16
1564.00	1.06	30.85	1563.83	16.91	3.42	16.91	17.26	11.44	.44

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	
1659.00	.97	97.03	1658.82	17.57	4.67	17.57	18.18	14.89	1.17
1754.00	.79	94.13	1753.80	17.43	6.12	17.43	18.47	19.36	.20
1847.00	.79	127.53	1846.80	16.99	7.27	16.99	18.48	23.17	.49
1942.00	.70	149.85	1941.79	16.08	8.08	16.08	18.00	26.68	.32
2037.00	.70	169.01	2036.78	15.01	8.49	15.01	17.25	29.48	.25
2133.00	.97	183.25	2132.77	13.63	8.55	13.63	16.09	32.11	.35
2228.00	.18	79.01	2227.77	12.85	8.65	12.85	15.49	33.95	1.08
2320.00	.35	18.46	2319.77	13.15	8.88	13.15	15.87	34.05	.33
2414.00	.97	22.24	2413.76	14.15	9.28	14.15	16.92	33.24	.66
2509.00	.53	19.25	2508.75	15.31	9.73	15.31	18.14	32.42	.46
2604.00	.26	309.55	2603.75	15.87	9.70	15.87	18.60	31.45	.53
2700.00	.18	256.90	2699.75	15.97	9.39	15.97	18.53	30.45	.22
2795.00	.35	191.60	2794.75	15.65	9.19	15.65	18.15	30.41	.34
2889.00	.62	192.04	2888.74	14.87	9.02	14.87	17.40	31.24	.29
2984.00	1.23	173.85	2983.73	13.36	9.02	13.36	16.12	34.04	.70
3078.00	.18	58.27	3077.72	12.43	9.26	12.43	15.50	36.67	1.40
3172.00	.70	323.61	3171.72	12.97	9.04	12.97	15.81	34.88	.78
3265.00	.79	296.10	3264.71	13.71	8.13	13.71	15.94	30.66	.39
3360.00	.70	250.40	3359.71	13.80	6.99	13.80	15.48	26.87	.62
3455.00	.88	352.62	3454.70	14.33	6.35	14.33	15.68	23.91	1.30
3549.00	1.58	352.53	3548.68	16.33	6.09	16.33	17.43	20.46	.74
3644.00	1.06	65.92	3643.66	17.99	6.72	17.99	19.21	20.50	1.72
3739.00	.88	76.73	3738.65	18.52	8.24	18.52	20.27	23.98	.27
3833.00	.18	68.64	3832.64	18.74	9.08	18.74	20.82	25.85	.75
3927.00	.44	25.49	3926.64	19.12	9.37	19.12	21.29	26.11	.35
4022.00	1.76	185.54	4021.63	17.99	9.39	17.99	20.29	27.55	2.29
4117.00	.79	211.99	4116.60	15.99	8.90	15.99	18.30	29.10	1.17
4212.00	1.06	218.58	4211.59	14.74	8.00	14.74	16.78	28.50	.31
4307.00	1.06	215.95	4306.57	13.35	6.94	13.35	15.04	27.48	.05
4402.00	.97	232.65	4401.56	12.15	5.78	12.15	13.45	25.47	.32
4495.00	.79	339.79	4494.55	12.27	4.94	12.27	13.23	21.92	1.53
4589.00	.97	318.43	4588.54	13.47	4.19	13.47	14.11	17.26	.39
4685.00	.97	288.81	4684.53	14.34	2.88	14.34	14.63	11.34	.52
4780.00	.44	243.46	4779.52	14.44	1.79	14.44	14.55	7.06	.77

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	
4876.00	.09	52.21	4875.52	14.32	1.52	14.32	14.40	6.06	.55
4971.00	.26	74.00	4970.52	14.43	1.79	14.43	14.54	7.06	.19
5064.00	.62	257.52	5063.52	14.38	1.50	14.38	14.45	5.95	.95
5158.00	.62	224.39	5157.52	13.90	.64	13.90	13.92	2.66	.38
5253.00	.62	231.24	5252.51	13.21	-.12	13.21	13.21	359.50	.08
5348.00	.79	240.03	5347.50	12.56	-1.08	12.56	12.61	355.07	.21
5441.00	.44	295.31	5440.50	12.40	-1.96	12.40	12.55	351.01	.70
5536.00	.88	216.39	5535.49	11.97	-2.72	11.97	12.27	347.17	.95
5631.00	1.85	193.18	5630.47	9.89	-3.51	9.89	10.49	340.47	1.16
5726.00	2.46	204.17	5725.40	6.53	-4.69	6.53	8.04	324.31	.77
5821.00	2.02	204.70	5820.33	3.15	-6.23	3.15	6.98	296.84	.46
5917.00	2.64	208.04	5916.25	-.34	-7.97	-.34	7.98	267.57	.66
5980.00	2.55	185.80	5979.18	-3.01	-8.80	-3.01	9.30	251.09	1.59
PROJECTION TO BIT									
6042.00	2.55	185.80	6041.12	-5.76	-9.07	-5.76	10.75	237.61	.00

JUL 29 2010

WELL PROFILE

tiol

310

DIV. OF OIL, GAS & MINING

OPERATOR PETROGYPH
 WELL # Ut 20-11
 FIELD Autelope Canyon
 COUNTY Duchesne
 STATE Utah
 DATE 7-1-10

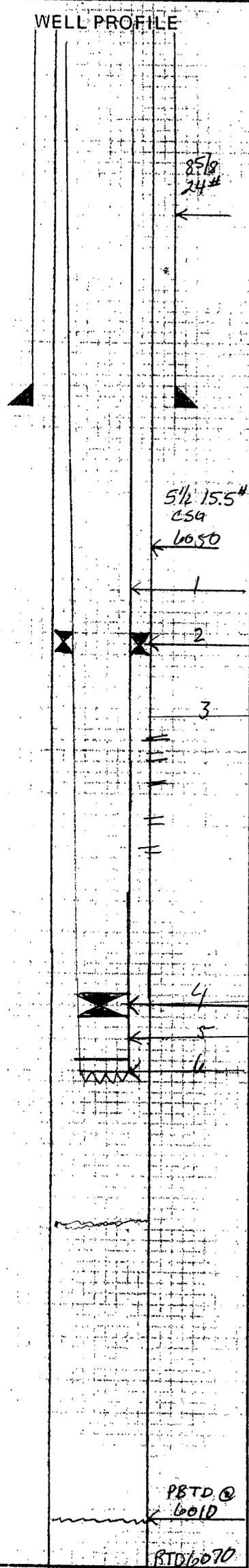
SIZE	Casing		Liner		Tubing	
	8 5/8	5 1/2	3 7/8			
WEIGHT	24.4	25.5	6.5			
GRADE	J-55	J-55	J-55			
THREAD	5 4/8	2 7/8	8 20			
DEPTH	5 1/6	6050	5192			

NEW COMPLETION WORKOVER

ITEM NO.	EQUIPMENT AND SERVICES		
	1CR	14.00	
1	127 2 7/8" 6.5 J-55 8rd (New)	4132.10	4148.00
2	5 1/2 B-2 TMC w/ 45K shear (New)	2.86	4148.90
3	31575 2 7/8 6.5 J-55 8rd (New)	1008.33	5157.23
4	2 7/8 RSL (228 Zb) (New)	1.10	5157.33
5	137 2 7/8 6.5 J-55 8rd (New)	325.2	5190.85
6	2 7/8 N/C w/ 150		
	Stretch For 10K = 9"		
	Rod Detail		
	1 1/2 x 10 PR w/ Liner		
	2 - 4 x 7/8 pony's		
	70 7/8 Grade D Slick		
	125 3/4 Grade D Slick		
	10 3/4 Grade D Guided S/por Every 4 1/4		
	2 1/2 x 1 1/2 12, 15, 17 RHAC Spray metal		
	National # PT217		
	Perms		
B6	4240-48		
B11.1	4456-60, 66-74, 82-90		
C2	4613-16		
C6	4874-77, 82-84		
C8.1	4935-38		
D3	5122-26		

COMMENTS:
 X nose cone from plug #3 Tascete 5561 (6-29-10) did not pass to Btm.

PREPARED BY _____ OFFICE _____ PHONE _____



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

FORM 6

ENTITY ACTION FORM

Operator: PETROGLYPH OPERATING COMPANY
Address: P.O. BOX 607
city ROOSEVELT
state UT zip 84066

Operator Account Number: N 3800
Phone Number: (435) 722-2531

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301334049	UTE TRIBAL 20-11		NESW	20	5S	3W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	9377	17647	6/7/2010			6/28/10	
Comments: PLEASE ADD THIS WELL TO ENTITY # 17647 <i>GRRV</i> — 10/7/10							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301334050	UTE TRIBAL 20-03		NENW	20	5S	3W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	9377	17647	6/12/2010			6/28/10	
Comments: PLEASE ADD THIS WELL TO ENTITY # 17647 <i>GRRV</i> — 10/7/10							

Well 3

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

ACTION CODES:

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

Glenda Davis

Name (Please Print)

Signature

Office Manager

Title

10/7/2010

Date

(5/2000)

RECEIVED

OCT 07 2010

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-3515
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 960 Broadway Avenue, Ste 500 , Boise, ID, 83703	8. WELL NAME and NUMBER: UTE TRIBAL 20-11
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1959 FSL 2033 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 20 Township: 05.0S Range: 03.0W Meridian: U	9. API NUMBER: 43013340490000
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 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: 7/18/2013	<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 checked="" 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 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.

Please change this well's status to Shut In. This well will be evaluated for conversion to injection well.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 August 21, 2013**

NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A	DATE 7/23/2013	