

Petroglyph Operating Co., Inc.

P.O. Box 1839

Hutchinson, KS 67504-1839

January 27, 1997

Utah Division of Oil, Gas, & Mining
Attn: Mr. Frank Matthews, Petroleum Engineer
1594 West North Temple
Box 145801
Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL
UTE TRIBAL #16-11
NE/SW SEC. 16, T5S, R3W
DUCHESNE COUNTY, UTAH
LEASE NO. BIA 14-20-H62-3511
UTE TRIBAL LANDS

Dear Mr. Matthews:

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

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

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone # (801) 789-4120
Fax # (801) 789-1420

Sincerely,



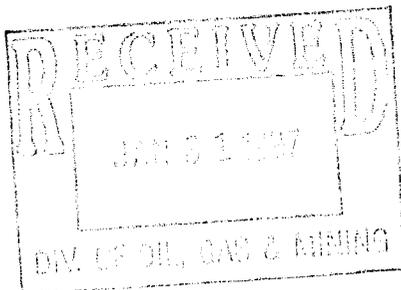
Ed Trotter

Agent

Petroglyph Operating Co., Inc.

Attachments

/EHT/dmt



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 PETROGLYPH OPERATING COMPANY, INC.

3. ADDRESS AND TELEPHONE NO.
 P.O. BOX 607, ROOSEVELT, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface ⁶⁰³ 1980' FSL & ⁶⁰³ 1980' FWL NE/SW
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-3511

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
 UTE TRIBAL

9. API WELL NO.
 #16-11

10. FIELD AND POOL, OR WILDCAT
 ANTELOPE CREEK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 16, T5S, R3W

12. COUNTY OR PARISH 13. STATE
 DUCHESNE UTAH

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 20.1 MILES SOUTHWEST OF MYTON, UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 1980' (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
 640

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
 6201.4'

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6275.4' GRADED GROUND

22. APPROX. DATE WORK WILL START*
 JANUARY, 1997

CONFIDENTIAL

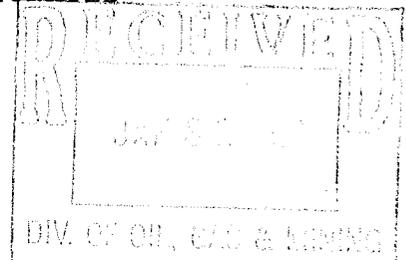
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24.0#	250'	135 sx class "G" + 2% CaCl ₂ + 1/4 #/sx celloflake. 50/50 POZMIX + 2% GEL + 10% SALT TO 400' ABOVE ALL ZONES OF INTEREST (+ 10% EXCESS). LIGHT CEMENT (11 PPG ±) + LCM TO 200' ABOVE OIL SHALE OR FRESH WATER INTERVALS (+ 5% EXCESS).
7 7/8	5 1/2	15.5#	6201.4'	

CONFIDENTIAL

PETROGLYPH OPERATING COMPANY, INC. WILL BE THE DESIGNATED OPERATOR OF THE SUBJECT WELL UNDER BOND # BO 4556.

pc: Utah Division of Oil, Gas, and Mining
Bureau of Indian Affairs, Fort Duchesne, Utah
Ute Tribe, Fort Duchesne, Utah



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE AGENT FOR PETROGLYPH DATE 1-27-97

(This space for Federal or State office use)

PERMIT NO. 43-013-31799 APPROVAL DATE _____

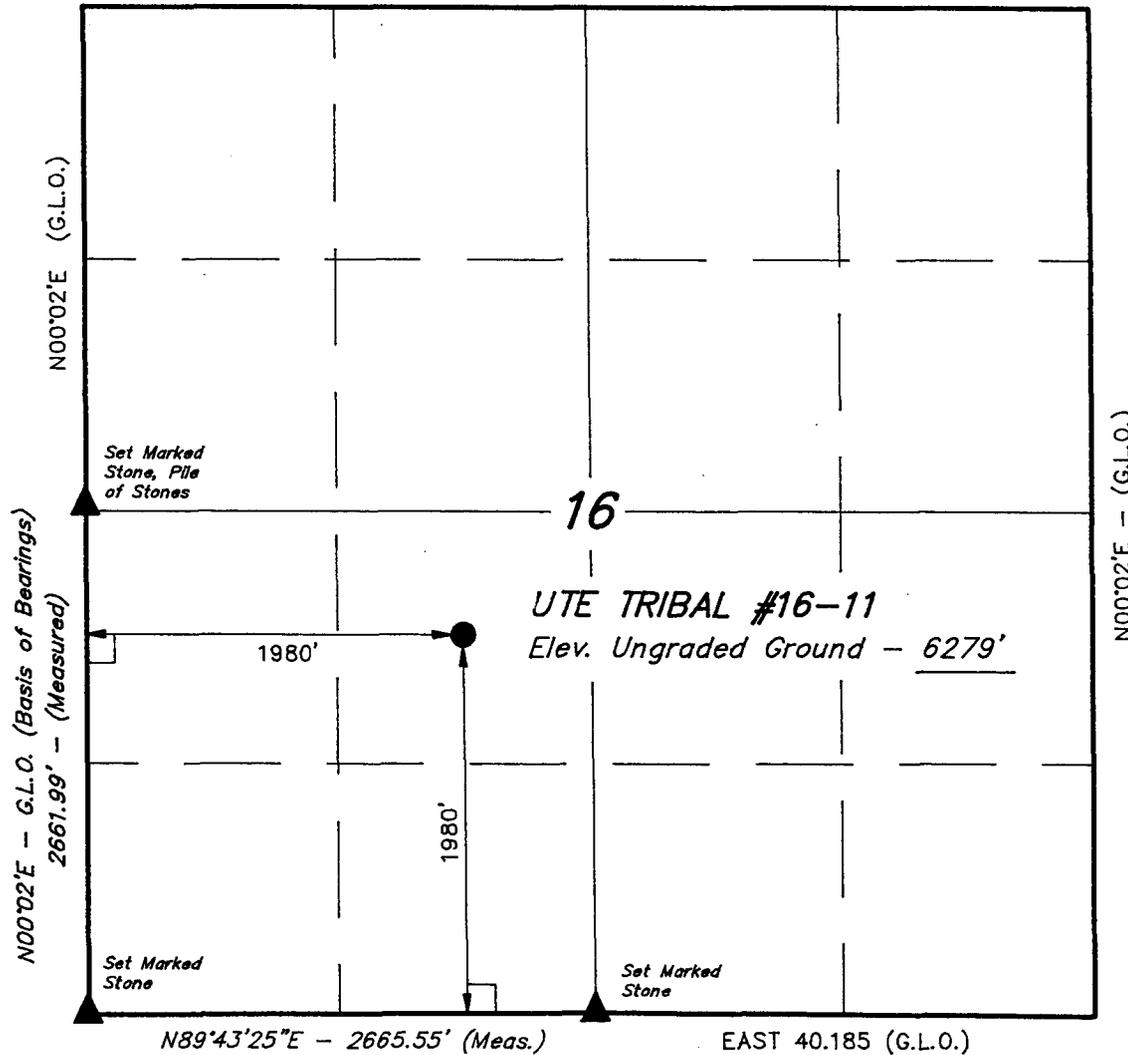
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE _____ DATE 2/12/97

See Instructions On Reverse Side

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

S89°56'E - 79.96 (G.L.O.)



LEGEND:

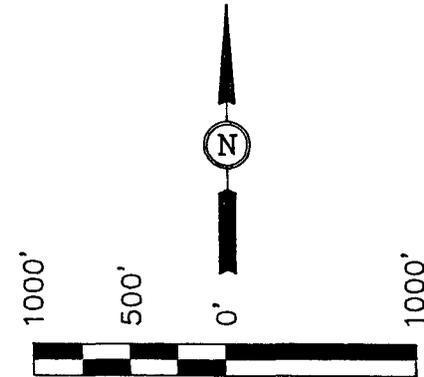
- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

PETROGLYPH OPERATING CO., INC.

Well Location, UTE TRIBAL #16-11, located as shown in the NE 1/4 SW 1/4 of Section 16, T5S, R3W, U.S.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT A ROAD INTERSECTION IN THE SE 1/4 OF SECTION 17, T5S, R3W, U.S.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6365 FEET.



SCALE

CERTIFICATE

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

Robert J. Gray

REGISTERED LAND SURVEYOR
REGISTRATION NO. 101319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 9-3-96	DATE DRAWN: 9-9-96
PARTY B.B. B.H. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE PETROGLYPH OPERATING CO., INC.	

EIGHT POINT PLAN

UTE TRIBAL #16-11
NE/SW SEC. 16, T5S R3W
DUCHESNE COUNTY, UTAH

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

FORMATIONS	DEPTH	SUBSEA
Mahogany Shale	3007.4	3278
'X' marker	4603.4	1682
Douglas Creek	4743.4	1542
"B" Limestone	5127.4	1158
B/Castle Peak Limestone	5690.4	595
Basal Carbonate Limestone	6091.4	194
Total Depth	6201.4	84

Anticipated BHP 2700 psi

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	4743.4	1542
Oil/Gas	B/Castle Peak	5690.4	595
Other mineral zones	N/A		

3. PRESSURE CONTROL EQUIPMENT : BOP Schematic Diagram attached.

4. CASING PROGRAM :

<u>MINIMUM SAFETY FACTOR</u>								
<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
12 1/4	0' - 250'	250'	8 5/8	24.0 #	J-55	1370 PSI	2950 PSI	263,000#
7 7/8	0' - 6201.4'	6201.4'	5 1/2	15.5 #	M-50	4040 PSI	4810 PSI	202,000#

All casing will be new or inspected.

EIGHT POINT PLAN

UTE TRIBAL #16-11
NE/SW SEC. 16, T5S R3W
DUCHESNE COUNTY, UTAH

5. MUD PROGRAM

INTERVAL

0' - 250'
250' - 4000'
4000' - TD
TD

MUD TYPE

Air
Air/Mist & Aerated Water
Air/3% KCL water or KCL substitute
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.

6. VARIANCE REQUESTS:

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

7. EVALUATION PROGRAM:

Logs: Mud Logging	T.D. to base of surface csg.
Compensated Density-Compensated Neutron Log	T.D. to base of surface csg.
Dual Laterolog - Micro-SFL	T.D. to base of surface csg.
Numar (Magnetic Resonance Imaging Log)	@ Geologists discretion

Cores: None Programmed
DST': None Programmed

Completion: To be submitted at a later date.

8. ABNORMAL CONDITIONS:

None anticipated.

EIGHT POINT PLAN

UTE TRIBAL #16-11
NE/SW SEC. 16, T5S R3W
DUCHESNE COUNTY, UTAH

9. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

10. 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.

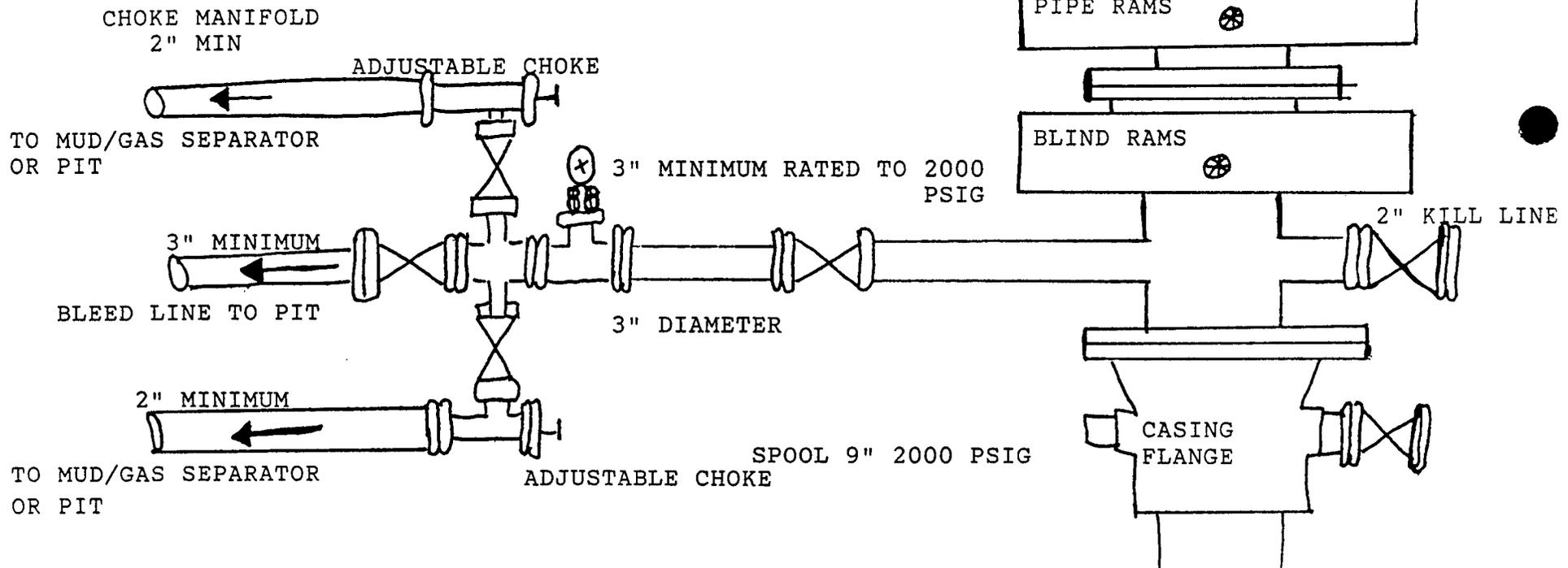
(Attachment: BOP Schematic Diagram)

2000 PSIG DIAGRAM

BOTH RAMS ARE 2000 PSIG RATED.
 CASING FLANGE IS 9" 2000 PSIG RATED.
 BOPE 9" 2000 PSIG

TESTING PROCEDURE:

1. BOPE 's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind rams will be tested to rated working pressure, 2000 psig
3. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
4. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 2000 psig BOPE specifications.



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 #16-11
Lease Number: BIA 14-20-H62-3511
Location: 1980' FSL & 1980' FWL NE/SW, Sec. 16, 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 road.
- B. The proposed well site is located approximately 20.1 miles southwest of Myton, 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 0.2 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 & fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards or fences will be required or encountered.

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

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the

roadbed as necessary to provide a well-constructed safe road.

Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of- Way will not be allowed.

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

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

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

- A. Water wells - None
- B. Abandoned wells - None
- C. Temporarily abandoned wells - None.
- D. Disposal wells - None.
- E. Drilling wells - None.
- F. Producing wells - 2*
- G. Shut in wells - 1*
- H. Injection wells - None

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

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Tank batteries - None
- 2. Production facilities-To be submitted later
- 3. Oil gathering lines - None

4. Gas gathering lines-None
5. Injection lines - None
6. Disposal lines - None
7. Surface pits - None

B. OFF WELL PAD

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. A 4 1/2" OD steel above ground production pipeline will be laid approximately 1800' from proposed location to a point in the SW/SW of Section 16, T5S, R3W, where it will tie into Petroglyph Operating Co., Inc.'s existing facility at the Ute Tribal #16-13 tank battery. Proposed pipeline crosses Ute Tribe lands, thus a Right-of-Way grant will be required. See attached TOPO Map D showing pipeline route.
3. Proposed pipeline will be a 4 1/2" OD steel, welded line laid on the surface.
4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

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 Ute Tribal #16-13 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 1/4, Sec. 1, T 4S, R 5W Duchesne County, Utah (State water right #43-10152). All water will come from a non-depletable source.
- B. Water will be hauled by Target Trucking.
- 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 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 drilling rig to avoid leakage of oil to pit.

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

8. ANCILLARY FACILITIES

- A. No airstrips or camps are planned for this well.

9. WELL SITE LAYOUT

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

The reserve pit will be located on the West side of the location.

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

The stockpiled topsoil will be stored on the Northwest corner.

Access to the well pad will be from the South.

N/A Diversion ditch(es) shall be constructed on the _____ side of the location (above/below) the cut slope, draining to the _____

N/A Soil compacted earthen berm(s) shall be placed on the _____ side(s) of the location between the _____

N/A The drainage(s) shall be diverted around the sides of the well pad location.

N/A The reserve pit and/or pad locations shall be constructed long and narrow for topographic reasons _____

X Corner No. 8 will be rounded off to minimize excavation.

FENCING REQUIREMENTS

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

- A. 39 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 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'.
- 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 travelled. If the well is a producer, the cattleguards (shall/ shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on federal land, or any fence between federal 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.

10. 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 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, (c) ensuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

11. SURFACE OWNERSHIP

Access road: Ute Indian Tribe

Location: Ute Indian Tribe

12. 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).

Additional Surface Stipulations

N/A No construction or drilling activities shall be conducted between

_____ and _____ because of _____

N/A No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground.

N/A No construction or exploration activities are permitted within 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.

N/A There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).

N/A No cottonwood trees will be removed or damaged.

N/A Pond will be constructed according to BLM specifications approximately _____ ft. _____ of the location, as flagged on onsite.

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING

Ed Trotter
1620 West 750 North
Vernal UT 84078
Telephone # (801)789-4120
Fax # (801) 789-1420

OPERATIONS

Deanna Bell
P.O. Box 607
Roosevelt, UT 84066
(801) 722-2531
Fax # (801) 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 which 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 sub-contractors in conformity with this Plan and the terms and conditions under which it is approved.

1-27-97

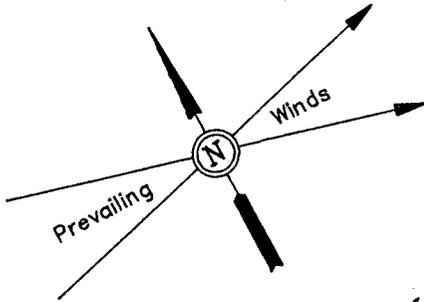
Date



PETROGLYPH OPERATING CO., INC.

LOCATION LAYOUT FOR

UTE TRIBAL #16-11
SECTION 16, T5S, R3W, U.S.B.&M.
1980' FSL 1980' FWL



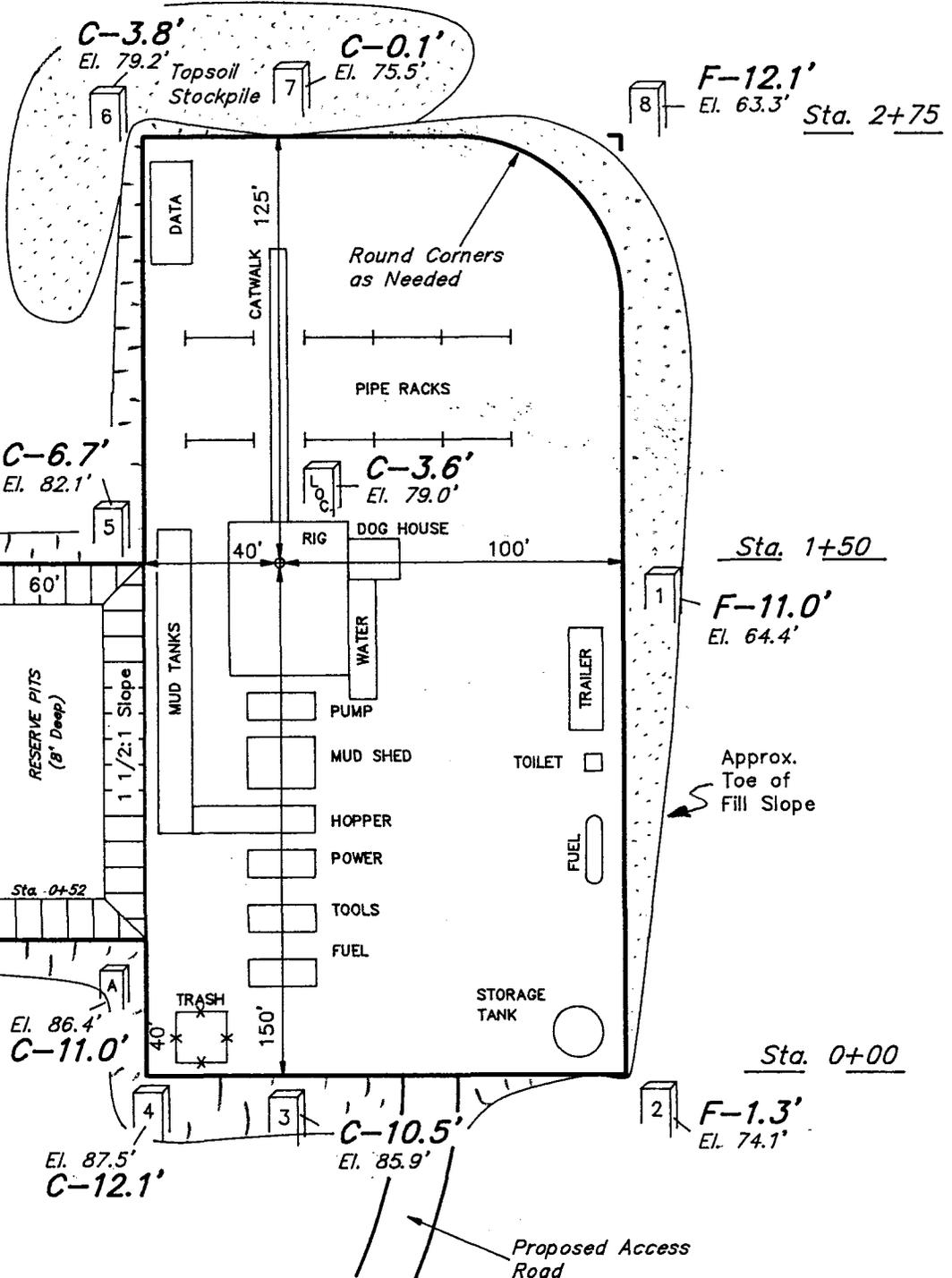
SCALE: 1" = 50'
DATE: 9-9-96
Drawn By: C.B.T.

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



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

Reserve Pit Backfill & Spoils Stockpile



Elev. Ungraded Ground at Location Stake = 6279.0'

Elev. Graded Ground at Location Stake = 6275.4'

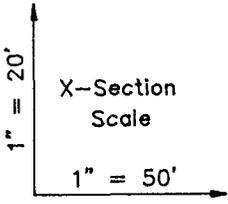
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

PETROGLYPH OPERATING CO., INC.

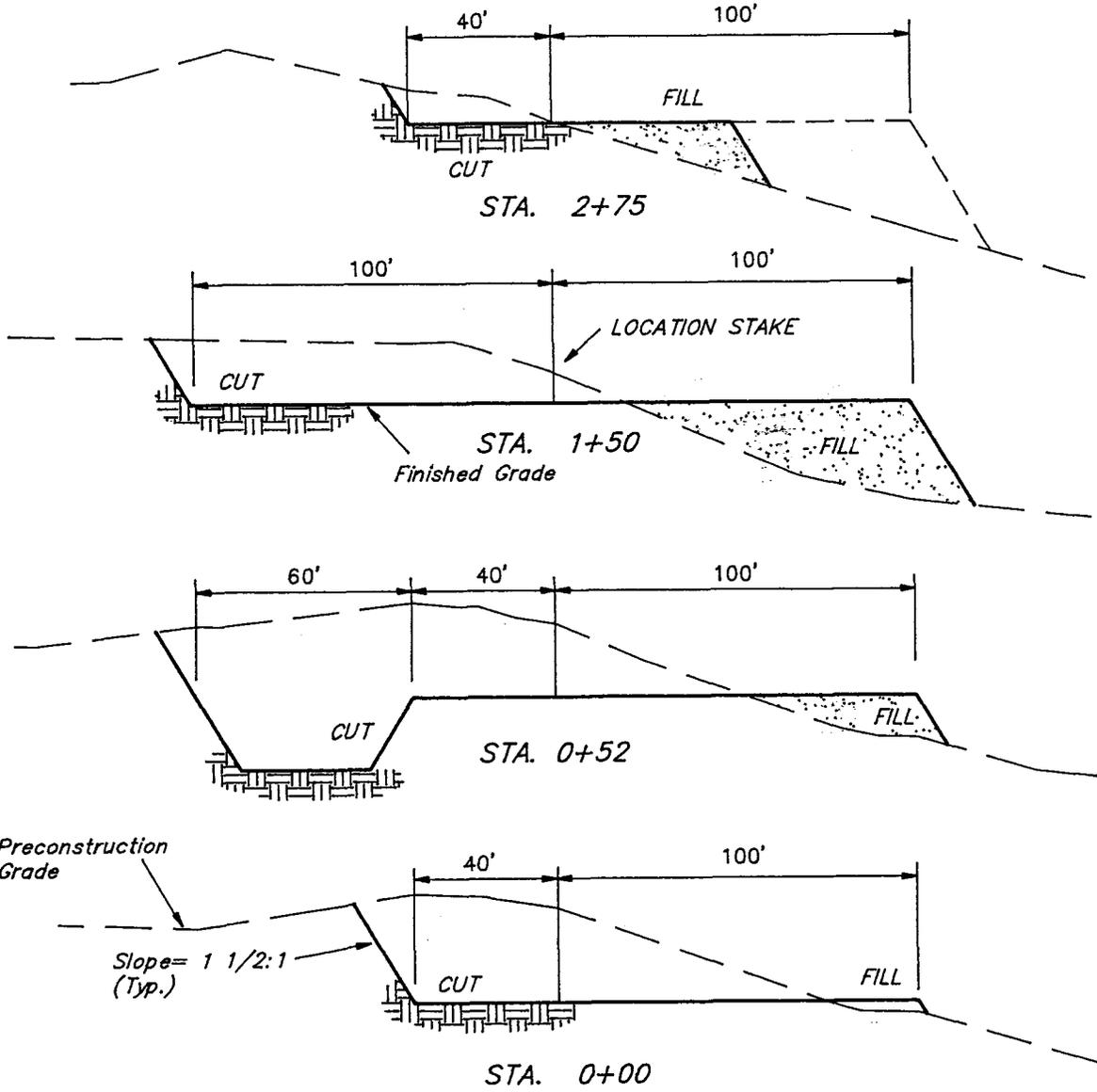
TYPICAL CROSS SECTIONS FOR

UTE TRIBAL #16-11
SECTION 16, T5S, R3W, U.S.B.&M.
1980' FSL 1980' FWL

Handwritten signature



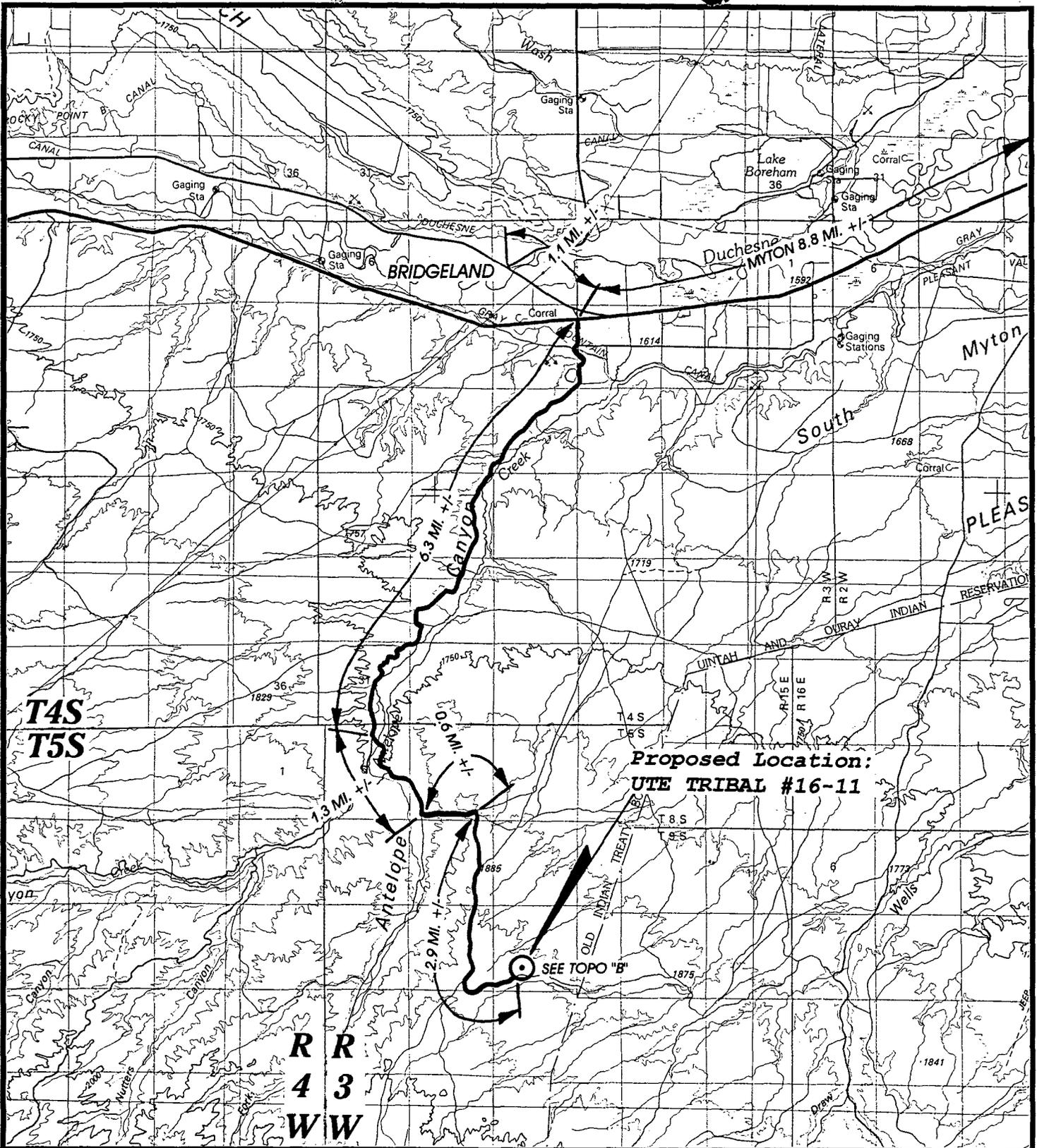
DATE: 9-9-96
Drawn By: C.B.T.



APPROXIMATE YARDAGES

(12") Topsoil Stripping	=	1,670 Cu. Yds.
Remaining Location	=	6,580 Cu. Yds.
TOTAL CUT	=	8,250 CU.YDS.
FILL	=	5,590 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	2,370 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,370 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.



UELS

**TOPOGRAPHIC
MAP "A"**

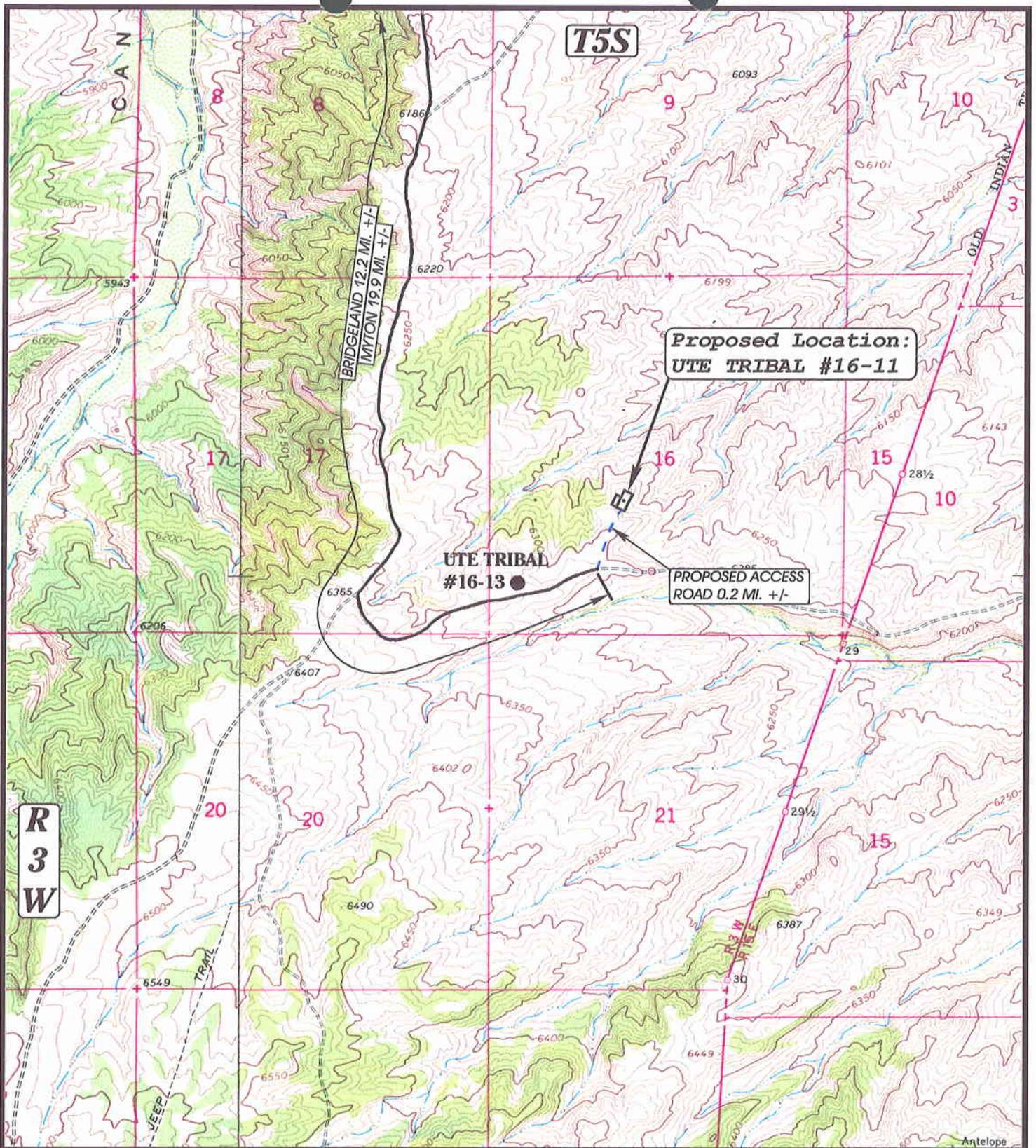
DATE: 9-9-96
Drawn by: D.COX

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85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #16-11
SECTION 16, T5S, R3W, U.S.B.&M.
1980' FSL 1980' FWL



UELS

**TOPOGRAPHIC
MAP "B"**

**DATE: 9-9-96
Drawn by: D.COX**

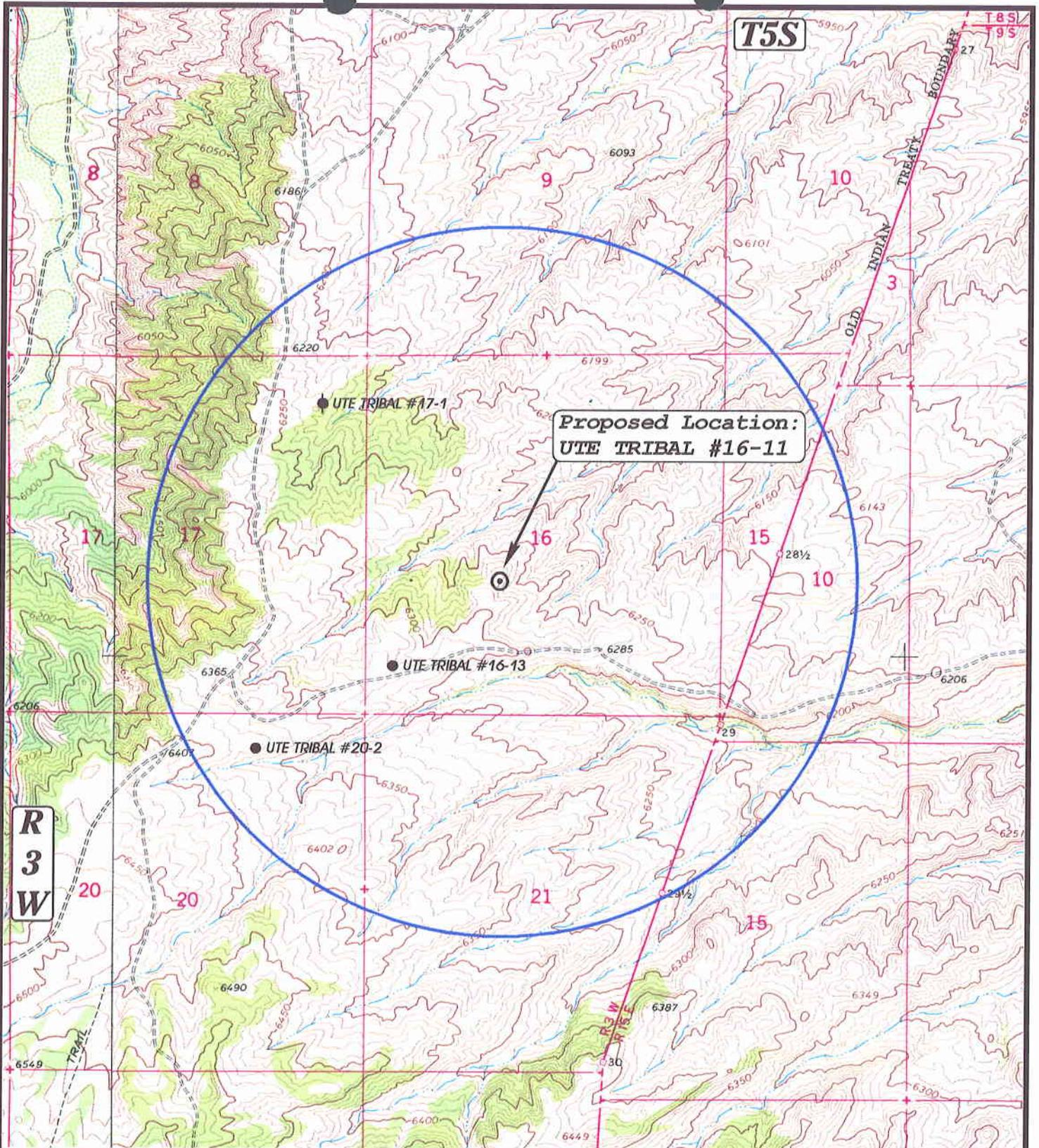
UNTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017



PETROGLYPH OPERATING CO., INC.

**UTE TRIBAL #16-11
SECTION 16, T5S, R3W, U.S.B.&M.
1980' FSL 1980' FWL**

SCALE: 1" = 2000'



**R
3
W**

T5S

**T8S
9S**

LEGEND:

-  Water Wells
-  Abandoned Wells
-  Temporarily Abandoned Wells
-  Disposal Wells
-  Drilling Wells
-  Producing Wells
-  Shut-in Wells

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 780-1017

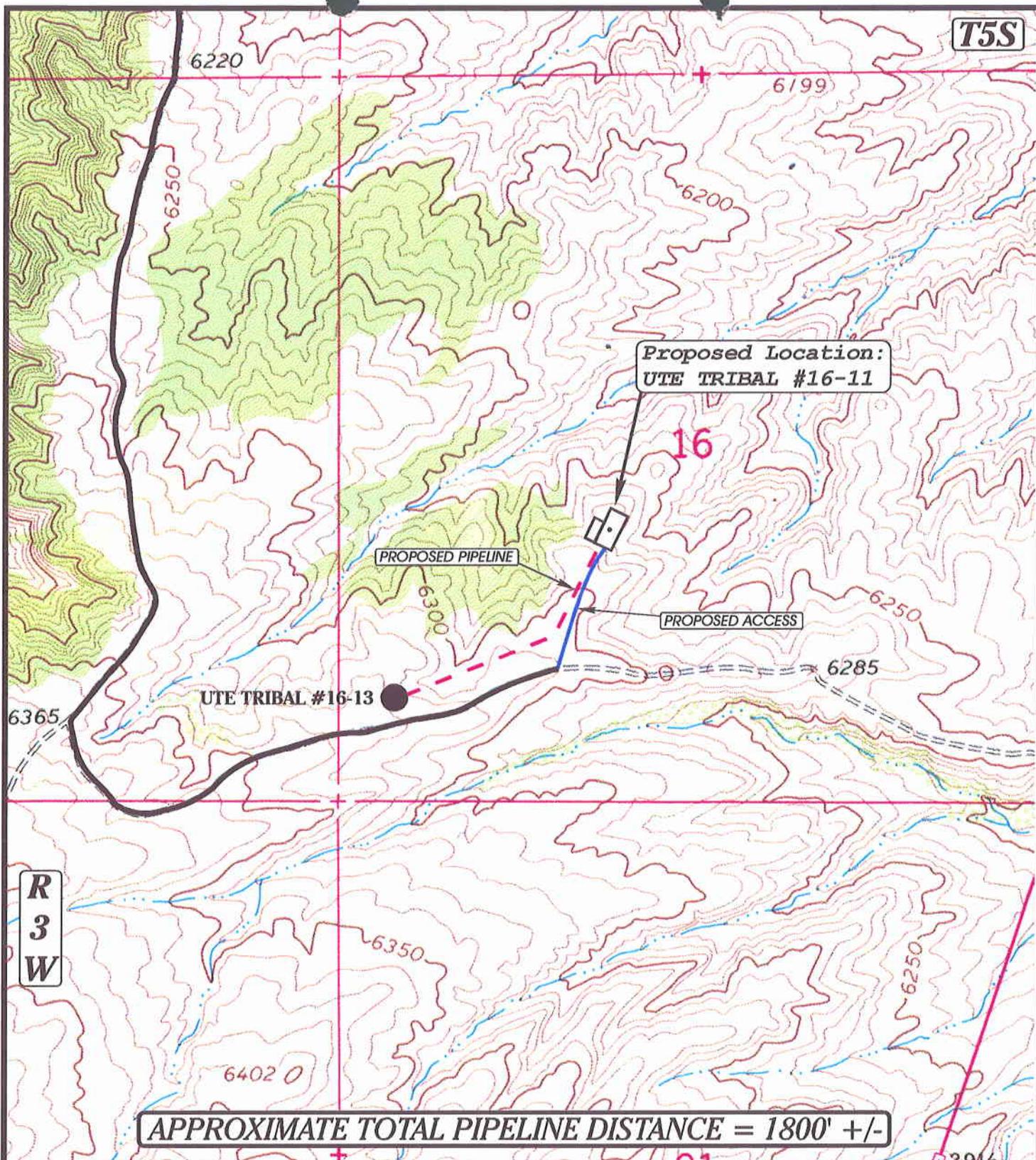


SCALE: 1" = 2000'

PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #16-11
SECTION 16, T5S, R3W, U.S.B.&M.
TOPOGRAPHIC
MAP "C"

DATE: 9-9-96
DRAWN BY: D.COX



**TOPOGRAPHIC
MAP "D"**

UELS

- — — — Existing Pipeline
- - - - Proposed Pipeline



PETROGLYPH OPERATING CO., INC.

**UTE TRIBAL #16-11
SECTION 16, T5S, R3W, U.S.B.&M.**

**DATE: 9-9-96
Drawn by: D.COX**

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

SCALE: 1" = 1000'

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/31/97

API NO. ASSIGNED: 43-013-31799

WELL NAME: UTE TRIBAL 16-11
 OPERATOR: PETROGLYPH OPERATING (N3800)

PROPOSED LOCATION:
 NESW 16 - T05S - R03W
 SURFACE: 1980-FSL-1980-FWL
 BOTTOM: 1980-FSL-1980-FWL
 DUCHESNE COUNTY
 ANTELOPE CREEK FIELD (060)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: IND
 LEASE NUMBER: 14-20-H62-3511

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal State Fee
 (Number 80 4656)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
 (Number 43-10152)
- RDCC Review (Y/N)
 (Date: _____)

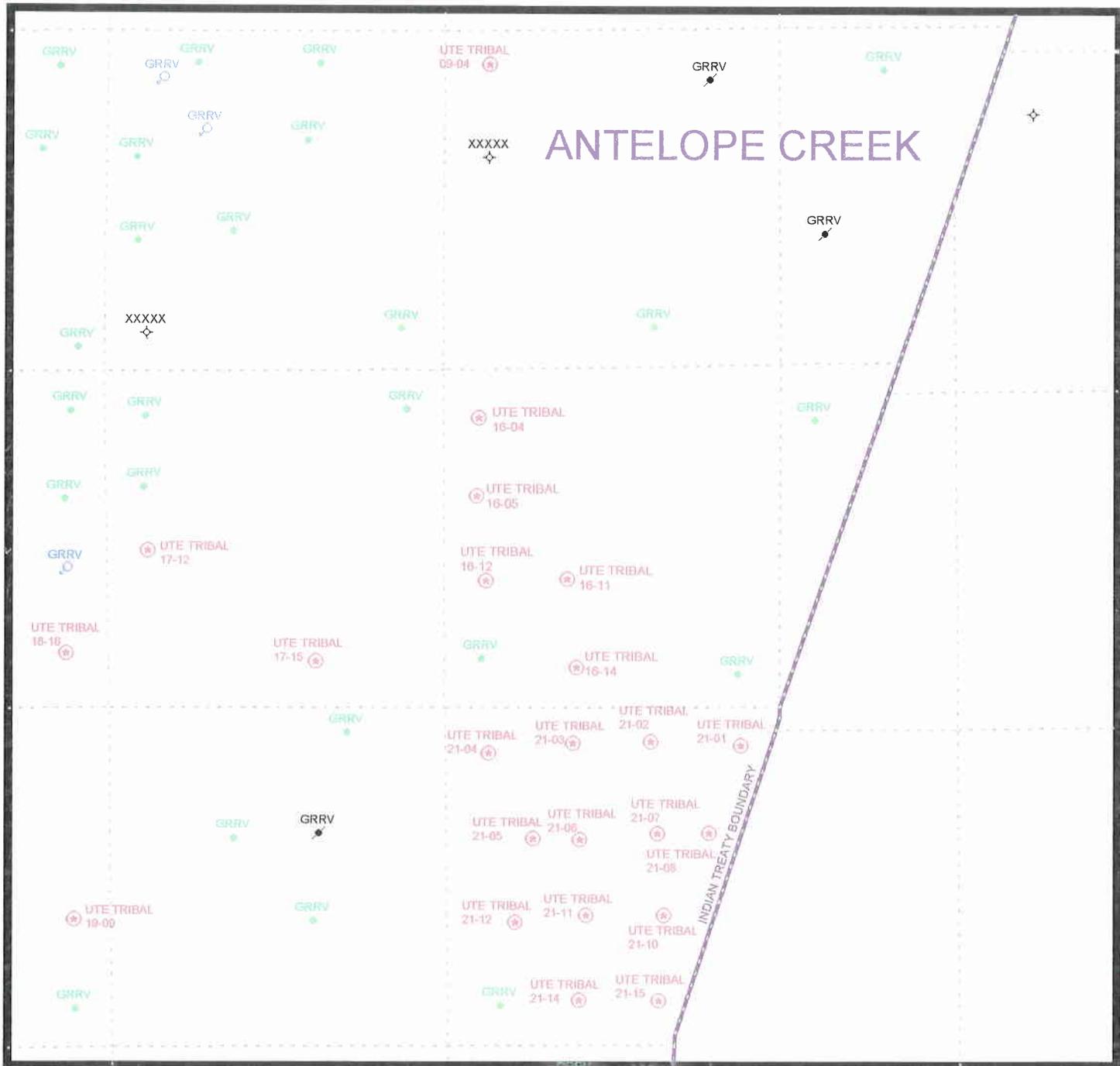
LOCATION AND SITING:

- R649-2-3. Unit: _____
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS: _____

STIPULATIONS: _____

OPERATOR: PETROGLYPH
FIELD: ANTELOPE CREEK (060)
SEC. TWP. RNG: 16, T5S, R3W
COUNTY: DUCHESNE
UAC: R649-3-2



PREPARED:
DATE: 31-JAN-97



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

February 12, 1997

Petroglyph Operating Company, Inc.
P.O. Box 607
Roosevelt, Utah 84066

Re: Ute Tribal 16-11 Well, 1980' FSL, 1980' FWL, NE SW, Sec. 16,
T. 5 S., R. 3 W., 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 43-013-31799.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. Firth".

R. J. Firth
Associate Director

lwp

Enclosures

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

Operator: Petroglyph Operating Company, Inc.
Well Name & Number: Ute Tribal 16-11
API Number: 43-013-31799
Lease: 14-20-H62-3511
Location: NE SW Sec. 16 T. 5 S. R. 3 W.

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 following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact R. J. Firth (801)538-5274 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 PETROGLYPH OPERATING COMPANY, INC.

3. ADDRESS AND TELEPHONE NO.
 P.O. BOX 607, ROOSEVELT, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1980' FSL & 1980' FWL NE/SW
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 20.1 MILES SOUTHWEST OF MYTON, UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 1980'
 (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
 640

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 6201.4'

19. PROPOSED DEPTH
 6201.4'

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6275.4' GRADED GROUND

22. APPROX. DATE WORK WILL START*
 JANUARY, 1997

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-3511

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
 UTE TRIBAL

9. API WELL NO.
 #16-11

10. FIELD AND POOL, OR WILDCAT
 ANTELOPE CREEK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 16, T5S, R3W

12. COUNTY OR PARISH | 13. STATE
 DUCHESNE | UTAH

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24.0#	250'	135 #sx class "G" + 2% CaCl ₂ + 1/4 #/sx celloflake.
7 7/8	5 1/2	15.5#	6201.4'	

50/50 POZMIX + 2% GEL + 10% SALT TO 400' ABOVE ALL ZONES OF INTEREST (+ 10% EXCESS). LIGHT CEMENT (11 PPG ±) + LCM TO 200' ABOVE OIL SHALE OR FRESH WATER INTERVALS (+ 5% EXCESS).

PETROGLYPH OPERATING COMPANY, INC. WILL BE THE DESIGNATED OPERATOR OF THE SUBJECT WELL UNDER BOND # BO 4556.

pc: Utah Division of Oil, Gas, and Mining
 Bureau of Indian Affairs, Fort Duchesne, Utah
 Ute Tribe, Fort Duchesne, Utah

RECEIVED
 JAN 30 1997

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE AGENT FOR PETROGLYPH DATE 1-27-97

(This space for Federal or State office use)
 PERMIT NO. NOTICE OF APPROVAL APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to these rights in the subject lease, which would entitle the applicant to conduct operations thereon.
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE FEB 14 1997

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Petroglyph Operating Company

Well Name & Number: Ute Tribal 16-11

API Number: 43-013-31799

Lease Number: 14-20-H62-3511

Location: NESW Sec. 16 T. 5S R. 3W

NOTIFICATION REQUIREMENTS

- Location Construction - at least 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 - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure 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.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application 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.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at ± 290 ft. or by setting the surface casing at ± 340 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to **TOP OF CEMENT** if the surface casing is set at ± 340 ft. or it will be run to **SURFACE** if the surface casing is set at ± 250 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) 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 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO 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 will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COAs)

The Surface Use Conditions of Approval (COA's) are from the Bureau of Indian Affairs concurrence memorandum and the site specific Environmental Analysis.

The Ute Tribe Energy and Minerals Department is to be notified 48 hours prior to construction. A Tribal Technician shall monitor construction.

Petroglyph Operating Company will assure the Ute Tribe that any/all contractors and any/all subcontractors have acquired a Tribal Business License and have access permits prior to construction.

All vehicular traffic, personnel movement, and construction and restoration operations shall be confined to areas examined, as referenced in report, and to the existing roadways and/or evaluated access routes.

All recommendations of the Bureau of Indian Affairs combined site specific Environmental Analysis report shall be strictly adhered, during and after construction.

All personnel shall refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

Personnel from the Ute Tribe Energy & Minerals Department shall be consulted should cultural remains from subsurface deposits be exposed or identified during construction.

Petroglyph Operating Company will notify the Ute Tribe Energy & Minerals Resource Department upon completion of APD and ROW so a Tribal Technician can verify Affidavit of Completions.

Pipelines shall be constructed to lay on the surface and the ROW will not be bladed or cleared of vegetation.

Where surface lines parallel roads, the pipe may be welded on the road then lifted from the road to the ROW.

Where surface lines do not parallel roads, the pipe may be welded on the road or well site and then pulled cross country with suitable equipment. The surface pipeline ROW will not be used as an access road.

Although the access roads have a 30 foot right-of-way, the bladed area of the road shall be limited to 21 feet, except where deep cuts and fills are required, sharp curves are required, or at intersections.

Before the site is abandoned the company will be required to restore the well site and ROW's to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Noxious weeds will be controlled on the well site and ROWs. If noxious weeds spread from the project area onto adjoining land, the company will also be responsible for their control.

Reserve pits will be lined with impervious synthetic liners. Prior to backfilling the reserve pit, all fluids will be pumped from the pit, into trucks, and hauled to approved disposal sites. When the reserve pit is backfilled the surplus oil, mud, etc., will be buried a minimum of three (3) feet below the soil surface.

A closed production system shall be used. Production fluids will be contained in leak proof tanks. All production fluids will be taken to and disposed of at approved disposal sites. The indiscriminate dumping of production fluids on roads, well sites, or other areas will not be allowed.

The access road and pipeline route would conform to the 1996 Drilling Program Map proposed by Petroglyph.

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: PETROGLYPH OPERATING

Well Name: UTE TRIBAL 16-11

Api No. 43-013-31799

Section: 16 Township: 5S Range: 3W County: DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED:

Date 3/20/97

Time _____

How ROTARY

Drilling will commence _____

Reported by D. INGRAM

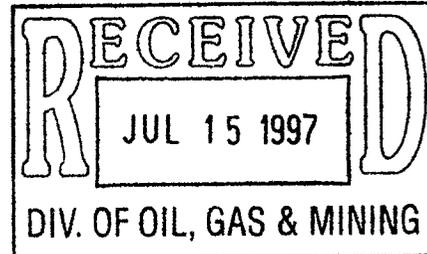
Telephone # _____

Date: 3/19/97 Signed: JLT



July 10, 1997

Vicky Dyson
State of Utah
Division of Oil, Gas & Mining
1594 W. North Temple, Ste.1210
Salt Lake City, UT 84114



Ms. Dyson:

CONFIDENTIAL

Enclosed please find the logs listed below for the wells located in Duchesne County, Utah.

<u>Well Name</u>	<u>Log</u>
Ute Tribal 16-11	Spectral Density Dual Spaced Neutron & High Resolution Induction Log 43 013 31799 055 03w 16

Please hold these in confidence as permitted in division guidelines. If you need further information, please do not hesitate to call me at 316-665-8500.

Sincerely,

April Menzies
Petroleum Engineering/Geology Technician

OPERATOR Petroglyph Operating Company, Inc. OPERATOR ACCT. NO N3800
 ADDRESS P.O. Box 1839
Hutchinson, KS 67504-1839

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	APT NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					00	SC	TP	RG	COUNTY		
A	99999	12166	43-013-31799	Ute Tribal 16-11	NBSW	16	5S	3W	Duchesne	3-20-97	
WELL 1 COMMENTS: Entity added 7-29-97. See											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)**
 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)

NOTE: Use COMMENT section to explain why each Action Code was selected.
 (3/89)

Deanna Bell
 Signature Deanna Bell
 Operations Coordinator 03-21-97
 Title _____ Date _____
 Phone No. (801) 722-2531

07/28/97 15:37 FAX 8017229145

PETROGLYPH OPERATING COMPANY, INC.

P. O. Box 1839
Hutchinson, Kansas 67504-1839
Tele: (316) 665-8500
Fax: (316) 665-8577

P. O. Drawer 607
Roosevelt, Utah 84066
Tele: (801) 722-2531
Fax: (801) 722-9145

TELECOPIER TRANSMITTAL SHEET

PRIVILEGED AND CONFIDENTIAL

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This transmission consists of 2 page(s), including this cover sheet. Please deliver to recipient immediately!

TO: Lisha Cordova COMPANY: _____

FROM: A Pearson COMPANY: _____

FAX NUMBER: _____ DATE: 7/28/97

MESSAGE:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-3511

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Indian Tribe

1.a. TYPE OF WELL: Oil Well Gas Well Dry Other

7. UNIT AGREEMENT NAME
14-20-H62-4650

b. TYPE OF COMPLETION:
New Well Workover Deepen Plug Back Diff. Reserv. Other

8. FARM OR LEASE NAME
Ute Tribal

2. NAME OF OPERATOR
Petroglyph Operating Company, Inc.

9. WELL NO.
16-11

3. ADDRESS OF OPERATOR
P.O. Box 1839, Hutchinson, KS 67504-1839

10. FIELD AND POOL, OR WILDCAT
Antelope Creek

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1980' FSL & 1980' FWL NE/SW

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11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 16, T5S, R3W

At top prod. interval reported below

CONFIDENTIAL

At total depth 6202' RTD

14. PERMIT NO.
43-013-31799

DATE ISSUED

12. County or Parish
Duchesne

13. State
Utah

15. DATE SPUDED
3/20/97

16. DATE T.D. REACHED
3/29/97

17. DATE COMPLETED (Ready to prod.)
4/16/97

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
6275

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6202

21. PLUG BACK T.D., MD & TVD
6150

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
ROTARY TOOLS
CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
Green River

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
Spectral Density Dual Spaced Neutron, High Resolution Induction Log 7-15-97

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	353	12-1/4"	225 sx Type 5 + 2% CaCl2	
5-1/2"	15.5#	6192	7-7/8"	80 sx Hi Fill + 325 sx Thixotropic	

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5156	

31. PERFORATION RECORD (Interval, size and number)

5052-5056 8 Shots
4990-4992 4 Shots
4912-4916 16 Shots
4926-4932 24 Shots
4941-4942 4 Shots
4791-4792 4 Shots
4772-4776 16 Shots

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32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5052-4492	5,384 gal. Fluid, 20,000# prop.
4941-4912	11,130 gal. Fluid, 66,500# prop.
4792-4772	6,936 gal. Fluid, 42,000# sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut-in)					
6/10/97	Pumping - 2 1/2" x 1-3/4" x 16' 40 Ring PA	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO
7/1/97	24			32	50	10	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HR. RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
	750						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold, used for fuel

PERIOD EXPIRED

TEST WITNESSED BY
Dave Schreiner

35. LIST OF ATTACHMENTS

ON 5-16-98

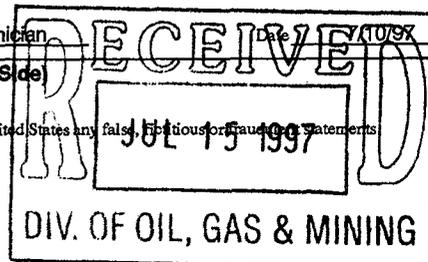
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Signed April Menzies

Title Geology/Petroleum Engineering Technician

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly or 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.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.

14-20-H62-3511

6. If Indian, Allottee or Tribe Name

Ute Indian Tribe

7. If Unit or CA, Agreement Designation

14-20-H62-4650

8. Well Name and No.

Ute Tribal 16-11

9. API Well No.

43-013-31799

10. Field and Pool, or Exploratory Area

Antelope Creek

11. County or Parish, State

Duchesne County, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Petroglyph Operating Company, Inc.

3. Address and Telephone No.
P.O. Box 1839, Hutchinson, KS 67504-1839; (316) 665-8500

4. Location of Well (Footage, Sec., T., R., or Survey Description)
1980' FSL & 1980' FWL
NE SW 16-T5S-R3W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

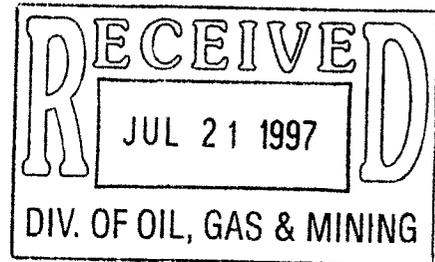
- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other _____
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Petroglyph Operating Company, Inc. has submitted an application for a UIC permit to convert the Ute Tribal 16-11 from a producing well to an injection well under the EPA Area Permit #UT2736-00000 within the Antelope Creek Waterflood Project Area located in Duchesne County, Utah.

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14. I hereby certify that the foregoing is true and correct

Signed April Menzies Title Geo/Petro Engineering Tech

Date 7-17-97

(This space for Federal or State official use)

Approved by _____ Title _____

Date _____

Conditions of Approval, if any:

Title 18 U.S.C. Section 1001, makes 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 in its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.	14-20-H62-3511
6. If Indian, Allottee or Tribe Name	Ute Indian Tribe
7. If Unit or CA, Agreement Designation	14-20-H62-4650
8. Well Name and No.	Ute Tribal # 16-11
9. API Well No.	43-013-31799
10. Field and Pool, or Exploratory Area	Duchesne
11. County or Parish, State	Duchesne County, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Petroglyph Operating Company, Inc.

3. Address and Telephone No.
P.O. Box 1839, Hutchinson, KS 67504-1839; (316) 665-8500

4. Location of Well (Footage, Sec., T., R., or Survey Description)
**1980' FSL & 1980' FWL
 NE SW Section 16-T5S-R3W**

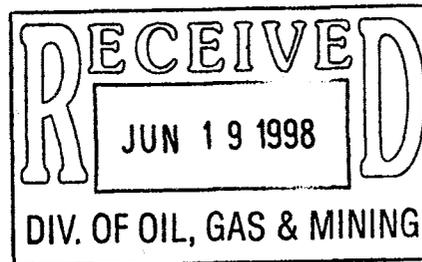
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <i>Commence injections</i>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Further to BLM & EPA approval (Permit #UT2736-04393), enclosed are copies of the MIT and Job Summary. Approval to inject fluids was granted by the EPA on 10/2/97. Injection commenced on 11/25/97.



14. I hereby certify that the foregoing is true and correct

Signed Lathy Turner Title Petroleum Engineering Tech Date June 9, 1998

(This space for Federal or State official use)

Approved by _____ Title _____ Date _____

Conditions of Approval, if any:

Title 18 U.S.C. Section 1001, makes 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 in its jurisdiction.

Mechanical Integrity Test Casing or Annulus Pressure Test for Well UT

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466
This form was printed on 08/05/1997.

EPA Witness: _____ Date 9/24/97

Test conducted by: Gene Searle

Others present: _____

UTE TRIBAL <u>16-11</u>	2R UC as of / /
ANTELOPE CREEK	SENW 21 05S 03W
Petroglyph Operating Company, Inc., Hutchinson, KS	Op ID PTG01
Last MIT: No record / /	
Max Allowed Press psig	1996 Max Reported Press 0 psig

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No

Well injecting during test? NO YES _____ BPD

Initial casing/tubing annulus pressure 800 psig
 Does the annulus pressure build back up? Yes No

TUBING PRESSURE			
Initial	0 psig	psig	psig
	<u>0</u>		
End of Test	0 psig	psig	psig
	<u>0</u>		
CASING/TUBING ANNULUS PRESSURE			
Time	Test #1	Test #2	Test #3
0 min	<u>800</u> psig	psig	psig
5	<u>800</u>		
10	<u>800</u>		
15 min	<u>800</u>		
20	<u>800</u>		
25	<u>800</u>		
30 min	<u>800</u>		
<u>24 hrs</u>	<u>800</u>		
Result (circle)	Pass	Fail	Pass

PRINTED IN U.S.A.

**CALIBRATED
CHARTS**
SATAVIA, N.Y.

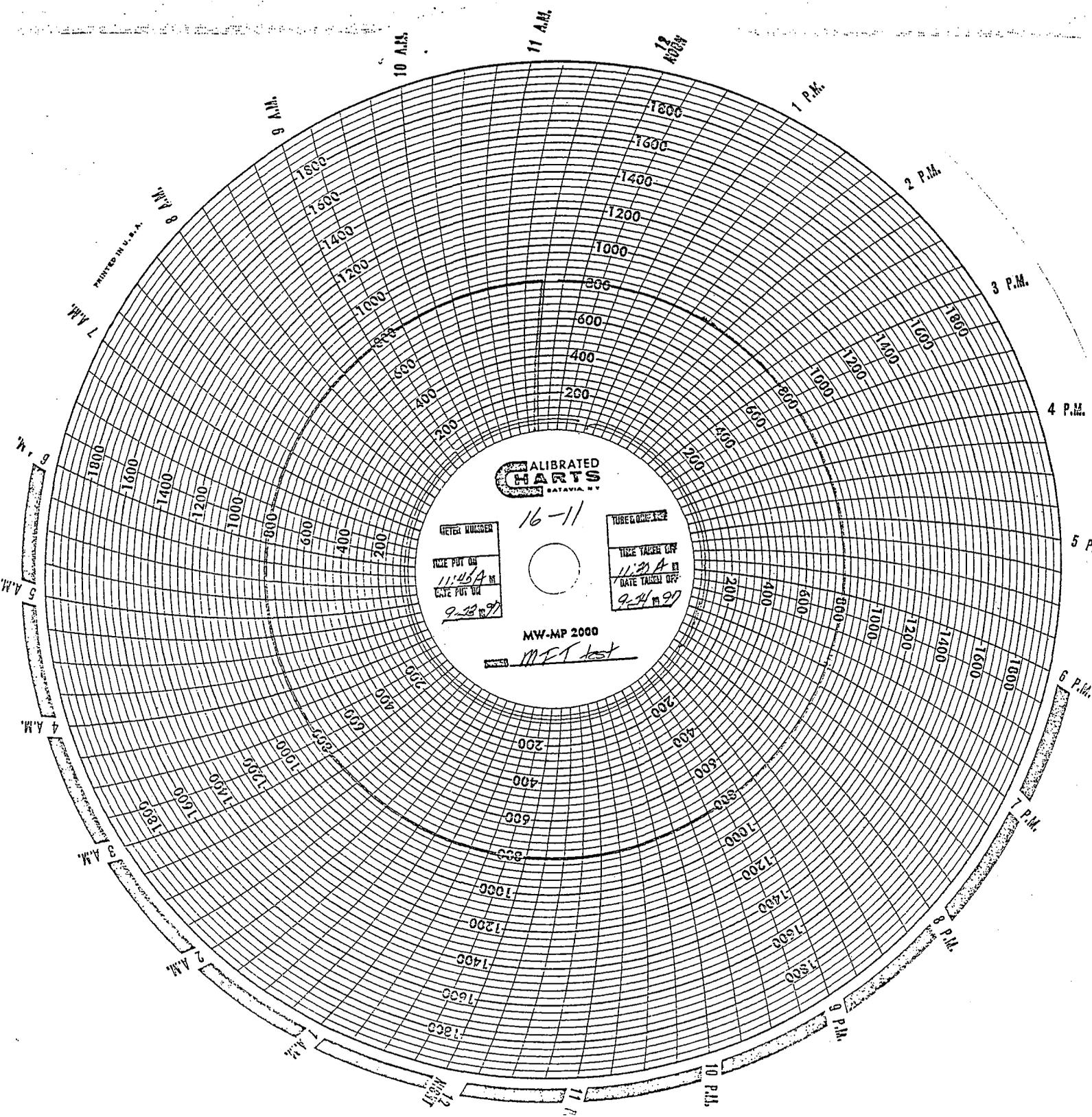
16-11

METER NUMBER
TIME PUT ON
11:45 A.M.
DATE PUT ON
9-23-97

TUBES CHECKED
TUBE TAKEN OFF
11:30 A.M.
DATE TAKEN OFF
9-24-97

MW-MP 2000

MET test



WORKOVER REPORT

5/18/98

Petroglyph Operating Co., Inc.

Operator: Petroglyph Operating Company, Inc. Elevation: KB 6285
Lease: Ute Tribal 16-11 GL 6275
API #: 43-013-31799 Property: 11500
Location: 16 - 5 S - 3 W AFE/EPE Number: 41305
County, St.: Duchesne UT Event Type: convert to injector

Activity Date Activity Description

9/18/97

SITP & SICP 0 psi. 7:00 a.m., NU to tbg & fill well bore w/110 bbls hot treated K-wtr & circ out residue oil. Treat 100 bbls fresh wtr w/ Klay Stay & 1 drum Cortron R 2383 scale inhibitor & circ dwn tbg up csg. Drop STHD valve & displace w/18 bbls. Set 5 1/2" Hydrow I pkr w/center element @ +/- 4723 w/2000 psi. Press. to 2500 psi & watch for 15 min. 0 press. loss. Land tbg & N.U. flange. Retrieve STHD valve. Install tbg valve & S.I. tbg. Press. up 1200 psi on csg w/o loss in 5 min. Shut in csg w/press. on. R.D. rig & equip. Clean loc & move out 12 noon.

9/17/97

7:00 a.m. w/20 jnts 2 7/8" prod tbg singled dwn yesterday. N.U. pmp lines & load well bore w/100 bbls hot prod wtr & displace oil +/- 30 bbls. Finish single dwn 2 7/8" prod tbg & L.D. bottom hole assy. X/over to 2 3/8" tbg equip. M.U. arrow comp sys 5 1/8" Hydrow I pkr w/1.81 id "F" nipple @ mi & single in on 145 jnts 8 3/8" tbg. While RIH remove, clean & apply teflon base. Thread compound to each pine collar. N.D. & strip off BOPE. Install tbg flange & X/over. Swage. SWIFN 6:00 p.m.

9/16/97

PERFORATIONS:

5052-5056	Green River C (09.2)	2 SPF	8 shots
4990-4992	Green River C (08.2)	2 SPF	4 shots
4941-4942	Green River C (06)	4 SPF	4 shots
4926-4932	Green River C (06)	4 SPF	24 shots
4912-4916	Green River C (06)	4 SPF	16 shots
4791-4792	Green River C (05)	4 SPF	4 shots
4772-4776	Green River C (04)	4 SPF	16 shots

8:30 a.m. Road rig & equip to loc. MIRU. Vent csg. N.D. surface flow equip. Pull pmp off seat. Attempt to flush rod string. Could not. Fill csg w/40 bbls hot prod wtr & circ 30 bbls. Flush w/20 bbls dwn tbg. Single dwn rod string flushing w/hot prod wtr to keep rods clean. X/over to 2 7/8" tbg equip. N.D. remaining surface flow equip & tbg flange. Release TAC. Strip on & N.U. BOPE. Start single dwn 2 7/8" tbg. SWIFN 7:00 p.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION		5. Lease Serial No. 1420H623511
2. Name of Operator PETROGLYPH OPERATING COMPANY, Contact: MICHEAL SAFFORD E-Mail: msafford@petrogllyphenergy.com		6. If Indian, Allottee or Tribe Name UTE INDIAN TRIBE
3a. Address P.O. BOX 607 ROOSEVELT, UT 84066	3b. Phone No. (include area code) Ph: 435.722.2531 Fx: 435.722.9145	7. If Unit or CA/Agreement, Name and/or No. 1420H624650
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 16 T5S R3W Mer NESW 1980FSL 1980FWL		8. Well Name and No. UTE TRIBAL 16-11
		9. API Well No. 43-013-31799
		10. Field and Pool, or Exploratory ANTELOPE CREEK
		11. County or Parish, and State DUCHESNE COUNTY, UT

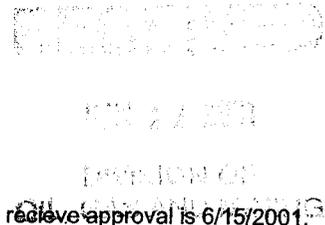
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> WRK
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above referenced well was acidized and reperforated on 6/6/2001.

Zones reperforated
4988-92, 4928-34, 4923-25, 4914-18, 4791-4794, 4770-79.
Acid treatment
4988-92 treated with 600 gallons 15% HCL and additives
4914-42 treated with 1200 gallons 15% HCL and additives
4770-94 treated with 1500 gallons 15% HCL and additives
Current operations: Wait on EPA's approval to resume injection anticipated date to receive approval is 6/15/2001.



14. I hereby certify that the foregoing is true and correct. Electronic Submission #4994 verified by the BLM Well Information System For PETROGLYPH OPERATING COMPANY,, sent to the Vernal	
Name (Printed/Typed) MICHEAL SAFFORD	Title COORDINATOR
Signature	Date 06/14/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice 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.		Office _____

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

PETROGLYPH



P.O. Box 607
Roosevelt, UT 84066
Phone: (435) 722-2531
Fax: (435) 722-9145

RECEIVED

OCT 18 2004

DIV. OF OIL, GAS & MINING

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To: <u>Carol Daniels</u>	From: <u>Matt Corser</u>
Company: _____	Company: <u>Petroglyph</u>
Fax: <u>1-801-359-3940</u>	Pages: <u>(including cover)</u>
Phone: _____	Date: _____
Re: _____	CC: _____
<input type="checkbox"/> Urgent <input type="checkbox"/> For Review <input type="checkbox"/> Please Comment <input type="checkbox"/> Please Complete <input type="checkbox"/> _____	
● Comments:	

16-11



Petroglyph Energy, Inc.

555 S. COLE RD.
BOISE, ID 83709
(208) 377-6000

RECEIVED

OCT 18 2004

WellWork AFE Chronological
Regulatory Report

DIV OF OIL GAS & MINING

Well Name : UTE TRIBAL 16-11 INJ						
Prospect:				AFE#:	42165	
Sec/Twp/Rge:	16 / 5S / 3W			Operator:	ESTAR EXPLORAT	
API #:	43013317990000	Field:	ANTELOPE CREEK	Supervisor:	Steve Wall	
Work Type:	Recompletion	County, St.:	DUCHESNE, UT	Phone:	722-2531	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Wellwork Details					
Date :	6/2/2004	Activity:	REMI	Rig Name:	Days: 1
Daily Report Summary :					
Daily Report Detail: Remarks					
Blew dn tbg N/D wellhead released pkr N/U Bop x/o for 2-3/8 R/U floor R/U 2 sets of tongs. RIH w/ sandline tagged fill at 6120 POOH w/ 2-3/8 breaking & doping every connection 145 jnts laid dn. Pkr. x/o for 2-7/8 slips ele. Pipe rams P/U 5-1/2 scrapper tallied in. hole w/ 57 jnts 2-7/8 N-80 shut well in.					
From 6:00 To 7:00	1 hrs	Category/Rmks:	Travel : crew travel to the 03-12		
From 7:00 To 9:30	2.5 hrs	Category/Rmks:	MIRU :		
From 9:30 To 11:30	2 hrs	Category/Rmks:	ND : Blew dn tbg N/D wellhead released pkr N/U Bop x/o for 2-3/8 R/U floor R/U 2 sets of tongs.		
From 11:30 To 12:30	1 hrs	Category/Rmks:	Tag : RIH w/ sandline tagged fill at 6120		
From 12:30 To 16:30	4 hrs	Category/Rmks:	POOH : POOH w/ 2-3/8 breaking & doping every connection 145 jnts laid dn. Pkr.		
From 16:30 To 18:30	2 hrs	Category/Rmks:	Shut in : x/o for 2-7/8 slips ele. Pipe rams P/U 5-1/2 scrapper tallied in. hole w/ 57 jnts 2-7/8 N-80 shut well in.		
From 18:30 To 19:30	1 hrs	Category/Rmks:	Travel :		
Date :	6/3/2004	Activity:	Perforate	Rig Name:	Days: 2
Daily Report Summary :					
Daily Report Detail: Remarks					
Continue to tally in hole w/ 2-7/8 N-80 tbg & 5-1/2 scrapper w/ 162 jnts to 5016'. POOH w/ 2-7/8 & scrapper. R/U schlumberger to shoot the C8.1 from 5031-35 and B.11 from 4546-50 RIH set plug at 4970 R/D wireline P/U weatherford frac pkr RIH to 4863 set pkr R/U pump liens got injection rate 1 BPM at 2200# bled off tbg shut well in.					
From 6:00 To 7:00	1 hrs	Category/Rmks:	Travel :		
From 7:00 To 9:00	2 hrs	Category/Rmks:	POOH : Continue to tally in hole w/ 2-7/8 N-80 tbg & 5-1/2 scrapper w/ 162 jnts to 5016'		
From 9:00 To 10:30	1.5 hrs	Category/Rmks:	POOH : POOH w/ 2-7/8 & scrapper.		
From 10:30 To 14:30	4 hrs	Category/Rmks:	RU : R/U schlumberger to shoot the C8.1 from 5031-35 and B.11 from 4546-50 RIH set plug at 4970 R/D wireline.		
From 14:30 To 17:00	2.5 hrs	Category/Rmks:	Set packer : P/U weatherford frac pkr RIH to 4863 set pkr R/U pump liens got injection rate 1 BPM at 2200# bled off tbg shut well in.		
From 17:00 To 18:00	1 hrs	Category/Rmks:	Travel :		

Well Name : UTE TRIBAL 16-11 INJ						
Prospect:				AFE#	42165	
Sec/Twp/Rge:	16 / 5S / 3W			Operator:	ESTAR EXPLORA	
API #:	43013317990000	Field:	ANTELOPE CREEK	Supervisor:	Steve Wall	
Work Type:	Recompletion	County, St.:	DUCHESNE, UT	Phone:	722-2531	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	6/4/2004	Activity:	Frac	Rig Name:		Days:	3
Daily Report Summary :							
Daily Report Detail:		Remarks					
		SITP 600# SICP 800# R?U Halliburton to perform a 2c frac on the C.6 unstung from pkr laid dn. 1 jnt rolled w/ 30 bbl. POOH w/ 2-7/8 & stinger made u p duel frac pkr RIH to 4601 set pkr. R/U Halliburton to perform 9 2c frac on the C4 & C5 unstung out of BTM pkr POOH to 4399' set pkr perform a 1C frac on B.11 shut well in.					
From 6:00 To 7:00	1 hrs	Category/Rmks:	Travel :				
From 7:00 To 9:30	2.5 hrs	Category/Rmks:	Frac : SITP 600# SICP 800# R?U Halliburton to perform a 2c frac on the C.6 unstung from pkr laid dn. 1 jnt rolled hole w/ 30 bbl.				
From 9:30 To 12:30	3 hrs	Category/Rmks:	Set packer : POOH w/ 2-7/8 & stinger made u p duel frac pkr RIH to 4601 set pkr.				
From 12:30 To 15:00	2.5 hrs	Category/Rmks:	Frac : R/U Halliburton to perform 9 2c frac on the C4 & C5 unstung out of BTM pkr POOH to 4399' set pkr performed a 1C frac on B.11 shut well in.				
From 15:00 To 16:00	1 hrs	Category/Rmks:	Travel :				

Date :	6/7/2004	Activity:	Pull Pkr	Rig Name:		Days:	6
Daily Report Summary :							
Daily Report Detail:		Remarks					
		SITP 0# SICP 0# released pkr POOH w/ 2-7/8 * pkr. RIH w/ on-off tool tagged fill at 4515' cleaned out to pkr at 4600' circ sand out released pkr 1000# instant bleed down tbg. POOH w/ 2-7/8 well flowing 1/2 bpm laid down pkr. RIH w/ 2-7/8 & on-off tool tagged fill at 4785' cleaned out to pkr at 4863' circ sand out rolled hole w/ 60 bbls tried to release pkr could not got off pkr rolled hole w/ 60 bbls showing med, shows of sand on btm latched pkr release pkr had 700# instant. pooh w/ pkr to 3500' shut well in					
From 6:00 To 7:00	1 hrs	Category/Rmks:	Travel :				
From 7:00 To 8:30	1.5 hrs	Category/Rmks:	POOH : SITP 0# SICP 0# released pkr POOH w/ 2-7/8 * pkr.				
From 8:30 To 12:00	3.5 hrs	Category/Rmks:	Tag : RIH w/ on-off tool tagged fill at 4515' cleaned out to pkr at 4600' circ sand out released pkr 1000# instant bleed down tbg.				
From 12:00 To 14:00	2 hrs	Category/Rmks:	POOH : POOH w/ 2-7/8 well flowing 1/2 bpm laid down pkr.				
From 14:00 To 17:30	3.5 hrs	Category/Rmks:	Roll Hole : RIH w/ 2-7/8 & on-off tool tagged fill at 4785' cleaned out to pkr at 4863' circ sand out rolled hole w/ 60 bbls tried to release pkr could not got off pkr rolled hole w/ 60 bbls showing med, shows of sand on btm latched pkr release pkr had 700# instant				
From 17:30 To 18:30	1 hrs	Category/Rmks:	POOH : pooh w/ pkr to 3500' shut well in				
From 18:30 To 19:30	1 hrs	Category/Rmks:	Travel :				

Well Name : UTE TRIBAL 16-11 INJ						
Prospect:					AFE #	42165
Sec/Twp/Rge:	16 / 5S / 3W				Operator:	ESTAR EXPLORAT
API #:	43013317990000	Field:	ANTELOPE CREEK		Supervisor:	Steve Wall
Work Type	Recompletion	County, St.	DUCHESNE, UT		Phone:	722-2531
Production Current/Expected	Oil	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date : 6/8/2004 Activity: Swabbing Rig Name: Days: 7

Daily Report Summary :

Daily Report Detail: Remarks
 SITP 0# SICP 0# cont. out of hole w/ 2-7/8 & pkr well flowing 1/4 BPM.
 RIH w/ retrieving tool & 2-7/8 129 jnts to 3997
 R/U swab RIH f.6 at surfacemade 26 runs recovered 177 bbls 201 left to recover ending F.L 2400' RD swab
 RIH tagged fill at 4912 filled hole w/ 45 bbls cleaned out to RBP at 4970 circ sand out rolled hole w. 65 bbls released RBP had 400# instantbleed dn. Well.
 POOH laying dn. 2-7/8 N-80 laid dn. 75 jnts shut well in.

From 6:00 To 7:00	1 hrs	Category/Rmks:	Travel :
From 7:00 To 8:00	1 hrs	Category/Rmks:	POOH : SITP 0# SICP 0# cont. out of hole w/ 2-7/8 & pkr well flowing 1/4 BPM.
From 8:00 To 9:00	1 hrs	Category/Rmks:	Run tbg : RIH w/ retrieving tool & 2-7/8 129 jnts to 3997
From 9:00 To 15:00	6 hrs	Category/Rmks:	Swab : R/U swab RIH f.6 at surfacemade 26 runs recovered 177 bbls 201 left to recover ending F.L 2400' RD swab.
From 15:00 To 16:30	1.5 hrs	Category/Rmks:	Tag : RIH tagged fill at 4912 filled hole w/ 45 bbls cleaned out to RBP at 4970 circ sand out rolled hole w. 65 bbls released RBP had 400# instantbleed dn. Well.
From 16:30 To 18:00	1.5 hrs	Category/Rmks:	POOH : POOH laying dn. 2-7/8 N-80 laid dn. 75 jnts shut well in.
From 18:00 To 19:00	1 hrs	Category/Rmks:	Travel :

Date : 6/9/2004 Activity: Run Tbg Rig Name: Days: 8

Daily Report Summary :

Daily Report Detail: Remarks
 SITP 20# SICP 60# Bleed of well cont. out laying dn. 2-7/8 N-80 & RBP.
 x/o for 2-7/8 laid dn. 7 jnts 2-7/8 tbg
 RIH w/ 5-1/2 arrow set 1
 RIH w/ sandline tagged fill at 6120' R/D sinker bars.
 "Set pkr filled csg w/ 5 bbls tested to 3900# for 20 min "ok"
 Released pkr rolled hole w/ pkr fluid set pkr R/D floor N/D bop set pkr w/ 13000# tension N/U wellhead.
 Tested csg to 300# for 45 min R/D pump lines to windy to rig down left 1500# on csg.

From 6:00 To 7:00	1 hrs	Category/Rmks:	Travel :
From 7:00 To 8:30	1.5 hrs	Category/Rmks:	Bled off csg : SITP 20# SICP 60# Bleed of well cont. out laying dn. 2-7/8 N-80 & RBP
From 8:30 To 9:30	1 hrs	Category/Rmks:	Other : x/o for 2-7/8 laid dn. 7 jnts 2-7/8 tbg
From 9:30 To 11:00	1.5 hrs	Category/Rmks:	RIH w/PKR : RIH w/ 5-1/2 arrow set 1
From 11:00 To 12:00	1 hrs	Category/Rmks:	Tag : RIH w/ sandline tagged fill at 6120' R/D sinker bars.
From 12:00 To 13:00	1 hrs	Category/Rmks:	Set packer : Set pkr filled csg w/ 5 bbls tested to 3900# for 20 min "ok"
From 13:00 To 15:00	2 hrs	Category/Rmks:	Set packer : Released pkr rolled hole w/ pkr fluid set pkr R/D floor N/D bop set pkr w/ 13000# tension N/U wellhead.
From 15:00 To 16:00	1 hrs	Category/Rmks:	Test : Tested csg to 300# for 45 min R/D pump lines to windy to rig down left 1500# on csg.
From 16:00 To 17:00	1 hrs	Category/Rmks:	Travel :

Casing									
DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
3/20/1997	354	0	2. Surface	8.625	24	J-55		12.25	373
3/29/1997	6192	0	4. Production	5.5	15.5	J-55		7.875	6202

Perforation						
Date:	Formation	Perf Status	Upper Perf	Lower Perf	Sht / Ft	Description:
6/3/2004		Open	5031	5035	0	
6/3/2004		Open	4546	4550	0	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION		5. Lease Serial No. 14-20-H62-3511
2. Name of Operator PETROGLYPH ENERGY		6. If Indian, Allottee or Tribe Name UTE INDIAN TRIBE
3a. Address P.O. BOX 607 ROOSEVELT, UT 84066		7. If Unit or CA/Agreement, Name and/or No. 14-20-H62-4650
3b. Phone No. (include area code) Ph: 435.722.2531 Fx: 435.722.9145		8. Well Name and No. UTE TRIBAL 16-11
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 16 T5S R3W NESW 1980FSL 1980FWL		9. API Well No. 43-013-31799
		10. Field and Pool, or Exploratory ANTELOPE CREEK
		11. County or Parish, and State DUCHESNE COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Workover Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Refrac zones C4, C5, and C6. Perforate the C8.1. Perforated and fraced the B11. These are all Green River sands.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #32084 verified by the BLM Well Information System
For PETROGLYPH ENERGY, sent to the Vernal**

Name (Printed/Typed) MATT CORSER	Title PETROLEUM ENGINEER
Signature (Electronic Submission)	Date 06/17/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice 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.		Office _____

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

JAN 08 2013

Ref: 8ENF-UFO

RECEIVED

CERTIFIED MAIL 7009-3410-0000-2599-7631
RETURN RECEIPT REQUESTED

JAN 11 2013

DIV. OF OIL, GAS & MINING

Mr. Les Farnsworth, District Supervisor
Petroglyph Operating Company, Inc.
4116 W 3000 S Ioka Lane
P.O. Box 607
Roosevelt, UT 84066

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Re: Underground Injection Control (UIC)
Permission to Resume Injection
Tribal 21-14, 16-11, 21-03 and 07-09 Wells
EPA ID# UT20736-06481, 04393, 04363 and 04415
API # 43-013-31742, 43-013-31799, 43-013-31752 and 43-013-31900
Antelope Creek Oil Field
Duchesne County, UT

SS 3W 16

Dear Mr. Farnsworth:

On January 2, 2013, the Environmental Protection Agency (EPA) received information from Petroglyph Operating Company, Inc. on the above referenced wells concerning the workovers and the followup mechanical integrity tests (MIT) conducted between November 8, 2012 and November 11, 2012. The data submitted shows that the wells passed the required MITs. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MITs will be due on or before November 8, 2017 for the 07-09 well, November 9, 2017 for the 21-03 well, November 10, 2017 for the 21-14 well and November 11, 2017 for the 16-11 well.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056. Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,



Darcy O'Connor, Acting Director
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Irene Cuch, Jr., Chairwoman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ronald Wopsock, Vice-Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Reannin Tapoof, Assistant
Uintah & Ouray Business Committee
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Stewart Pike, Councilman
Uintah & Ouray Business Committee
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Mike Natchees, Environmental
Coordinator
Ute Indian Tribe
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Fort Duchesne, Utah 84026

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

