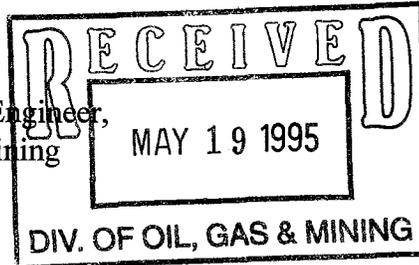


QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaita Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
GARDEN CULCH	Dakota	Park City	McCracken
DOUGLAS CREEK MVR	Burro Canyon	Rico (Goodridge)	Aneth
#6 LIMESTONE	Cedar Mountain	Supai	Simonson Dolomite
CASTLE PEAK	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBON I FEROUS	North Point
Wasatch	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Angate	Cane Creek	
Blackhawk	ASSIC		

Petroglyph Operating Co., Inc.
P.O. Box 1839
Hutchinson, KS 67504-1839

Mr. Frank Matthews, Petroleum Engineer,
Utah Division of Oil, Gas, and Mining
3 Triad Center, Ste. 350
Salt Lake City, UT 84180-1203



May 18, 1995

RE: APPLICATION FOR PERMIT TO DRILL
UTE TRIBAL #16-5
SE/SE SEC. 5, T5S, R3W
DUCHESNE COUNTY, UTAH
LEASE NO. BIA 14-20-H62-3504
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

Sincerely,

A handwritten signature in cursive script, appearing to read "Ed Trotter".

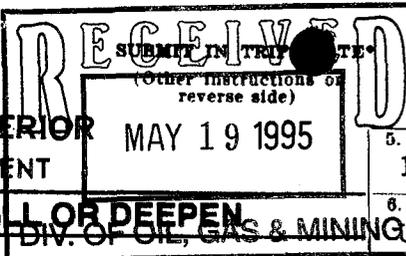
Ed Trotter
Agent

Petroglyph Operating Co., Inc.

Attachments

/EHT/dmt

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

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 CO., INC.

3. ADDRESS AND TELEPHONE NO.
 P.O. BOX 1839 HUTCHINSON, KS 67504-1839

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 708' FSL & 523' FEL SE/SE
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-3504

6. INDIAN, ALLOTTEE OR TRIBE NAME
 JINTAH & OURAY TRIBE

7. UNIT AGREEMENT NAME

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

9. API WELL NO.
 #16-5

10. FIELD AND POOL, OR WILDCAT
 ANTELOPE CREEK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 5, T5S, R3W

12. COUNTY OR PARISH 13. STATE
 DUCHESNE UTAH

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 17.1 miles southwest of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 523'

16. NO. OF ACRES IN LEASE 722.8

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 6189'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6048.8' Graded Ground

22. APPROX. DATE WORK WILL START*
 May 1995

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 #	400'	350 sx class "G" + 2% CaCl ₂ + 1/4 #/sx celloflake.
7 7/8	5 1/2	15.5 #	6189'	

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 CO., INC.
 WILL BE THE DESIGNATED OPERATOR
 OF THE SUBJECT WELL UNDER BOND
 # B04556.

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.

SIGNED Joe D. Jotter TITLE AGENT FOR PETROGLYPH DATE 5-17-1995

(This space for Federal or State office use)

PERMIT NO. 43-013-31527 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 SP Matthew TITLE Petroleum Engineer DATE 5/24/95

*See Instructions On Reverse Side

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

PETROGLYPH OPERATING CO., INC.

Well Location, UTE TRIBAL #16-5, located as shown in SE 1/4 SE 1/4 of Section 5, T5S, R3W, U.S.B.&M. Duchesne County, Utah.

T4S
T5S

N89°34'E - 80.00 (G.L.O.)

C.C. Set Stone,
Pile of Stones,
1/2" Rebar,
Plastic Cap

N00°01'E - 90.08 (G.L.O.)

N00°02'E - G.L.O. (Basis of Bearings)
3391.80' - (Measured)

N00°02'22"W - 2572.19' (Meas.)

Lot 4

Lot 3

Lot 2

Lot 1

Lot 5

Lot 6

Lot 7

Lot 8

Lot 12

Lot 11

Lot 10

Lot 9

5

1/2" Rebar w/Plastic
Cap Marked LS 4779,
Small Pile of Stones,
Steel Post

UTE TRIBAL #16-5
Elev. Ungraded Ground - 6049'

Marked Set
Stone

708'
523'

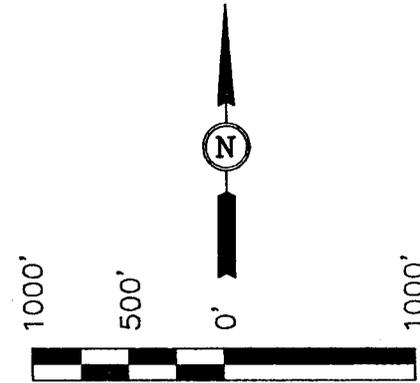
Marked Set
Stone

S89°49'E - 39.95 (G.L.O.)

N89°47'46"E - 2652.19' (Meas.)

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 5, T5S, R3W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5811 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 L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 4-27-95	DATE DRAWN: 4-28-95
PARTY B.B. J.B. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE PETROGLYPH OPERATING CO., INC.	

EIGHT POINT PLAN

UTE TRIBAL # 16-5
SE/SE SEC. 5, T5S R3W
DUCHESNE COUNTY, UTAH

1 & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS & WATER ZONES:

FORMATIONS	DEPTH	MAXIMUM PRESSURE	
Uintah Formation	surface		
Green River Formation	1622		
Garden Gulch	3707		
Point Three	4328		
'X' marker	4597		
'Y' marker	4630		
Douglas Creek	4743		
B Limestone	5098		
Castle Peak	5669		
Basil Limestone	6089		
R.T.D.	6189	Anticipated BHP	2650 psi

Cuttings to be collected in 20' intervals until top of 'B' marker (3857'), after 'B' marker, samples will be collected in 10' intervals until T.D..
Geologist may alter sample collection at discretion.

3. PRESSURE CONTROL EQUIPMENT : BOP Schematic Diagram attached.

4. CASING PROGRAM :

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>MINIMUM SAFETY FACTOR</u>		
						<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
12 1/4	0' - 400'	400'	8 5/8	24.0 #	J-55	1370 PSI	2950 PSI	263,000#
7 7/8	0' - 6189'	6189'	5 1/2	15.5 #	J-55	4040 PSI	4810 PSI	202,000#

All casing will be new or inspected.

5. MUD PROGRAM

<u>INTERVAL</u>	<u>MUD TYPE</u>
0' - 400'	Air
400' - 4000'	Air/Mist & Aerated Water
4000' - TD	Air/3% KCL water or KCL substitute
TD	Gel/polyacrylamide polymer w/5-10% LCM

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

EIGHT POINT PLAN
UTE TRIBAL # 16-5
SE/SE SEC. 5, T5S R3W
DUCHESNE COUNTY, UTAH

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.

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.

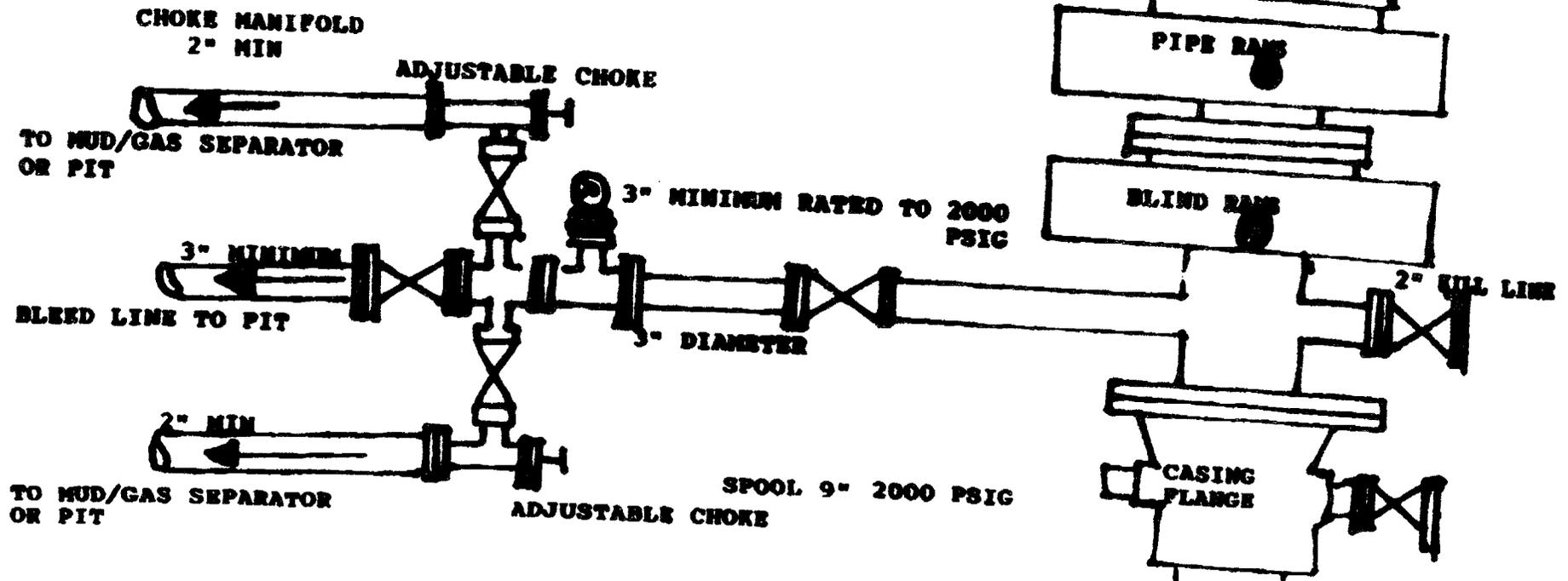
(Attachment: BOP Schematic Diagram)

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 & Pipe 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 #16-5
Lease Number: BIA 14-20-H62-3504
Location: 708' FSL & 523' FEL SE/SE, Sec. 5, T5S R3W
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 17.1 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 500 feet in length. See attached TOPO Map "B"
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade on access road will be 8%
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges or major cuts & fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards or fences will be required or encountered.

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

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

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road.

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

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

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

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

- A. Water wells - 1*
 - B. Abandoned wells - 1*
 - C. Temporarily abandoned wells - None.
 - D. Disposal wells - None.
 - E. Drilling wells - 1*
 - F. Producing wells - 10*
 - G. Shut in wells - 1*
 - H. Injection wells - 1*
- (*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Tank batteries - None
- 2. Production facilities-To be submitted later
- 3. Oil gathering lines - See attached TOPO map "D"
- 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 500' from proposed location to a point in the SW/SE of Section 5, T5S, R3W, where it will tie into Petroglyph Operating Co., Inc.'s existing pipeline.
Proposed pipeline crosses Ute Tribe lands, thus a Right-of-Way grant will be required. See attached TOPO Map D showing pipeline route.
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 #3-5 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 North side of the location.

The flare pit will be located downwind of the prevailing wind direction on the North 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 Southeast 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 Corners No. 2 & 8 will be rounded off to minimize the fill.

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

Dan Lindsey
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:

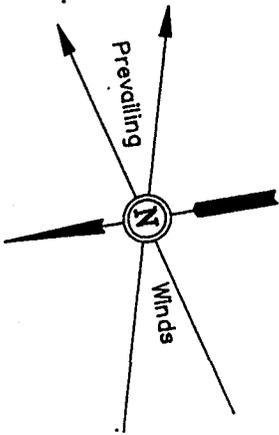
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the Plan are to the best of my knowledge, true and correct; and that the work associated with 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.

Date

PETROGLYPH OPERATING CO., INC.

LOCATION LAYOUT FOR

UTE TRIBAL #16-5
SECTION 5, T5S, R3W, U.S.B.&M.
708' FSL 523' FEL

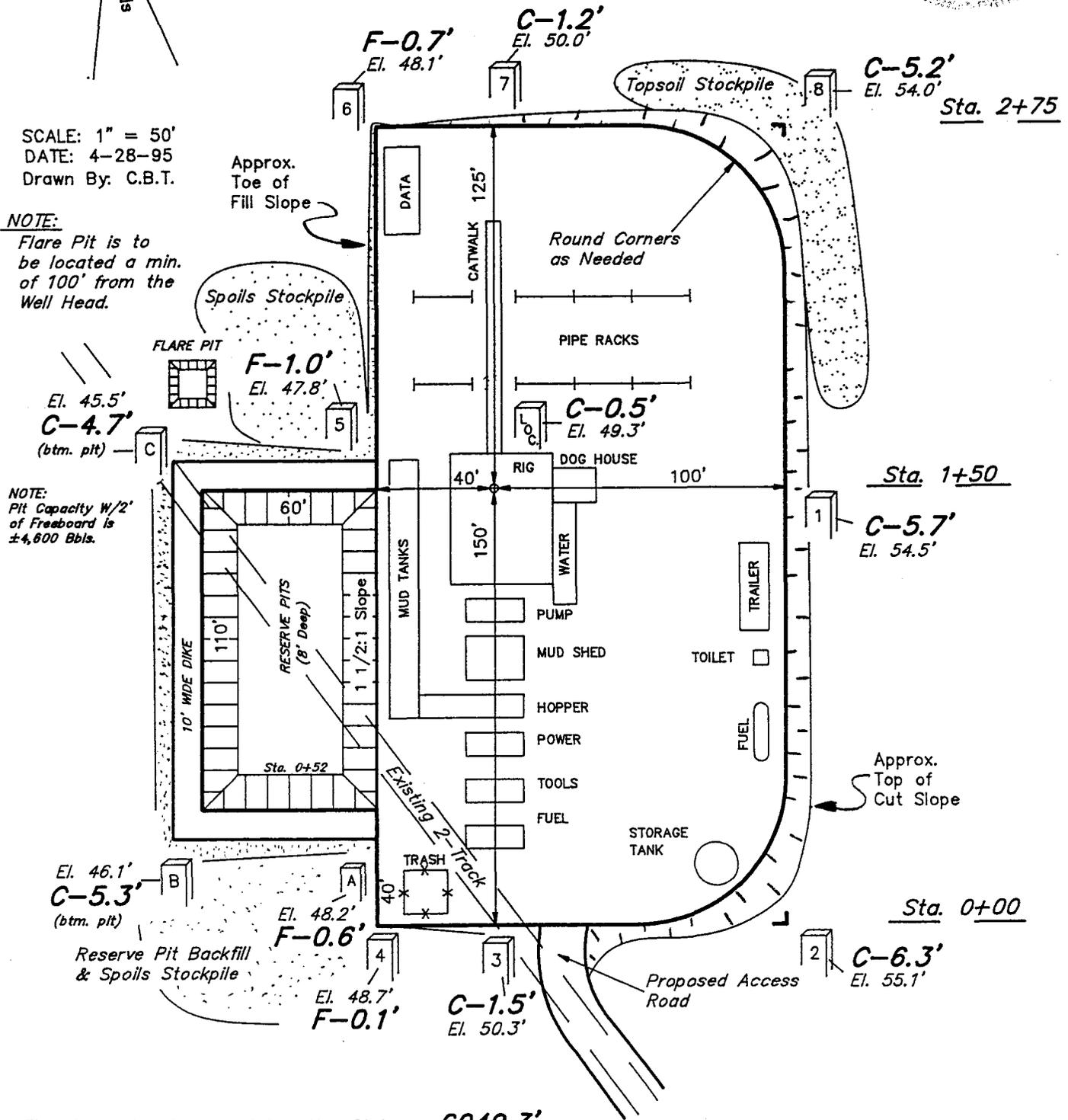


SCALE: 1" = 50'
DATE: 4-28-95
Drawn By: C.B.T.

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.



Elev. Ungraded Ground at Location Stake = 6049.3'

Elev. Graded Ground at Location Stake = 6048.8'

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

PETROGLYPH OPERATING CO., INC.

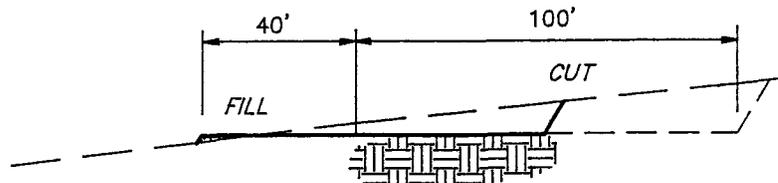
TYPICAL CROSS SECTIONS FOR

UTE TRIBAL #16-5
SECTION 5, T5S, R3W, U.S.B.&M.
708' FSL 523' FEL

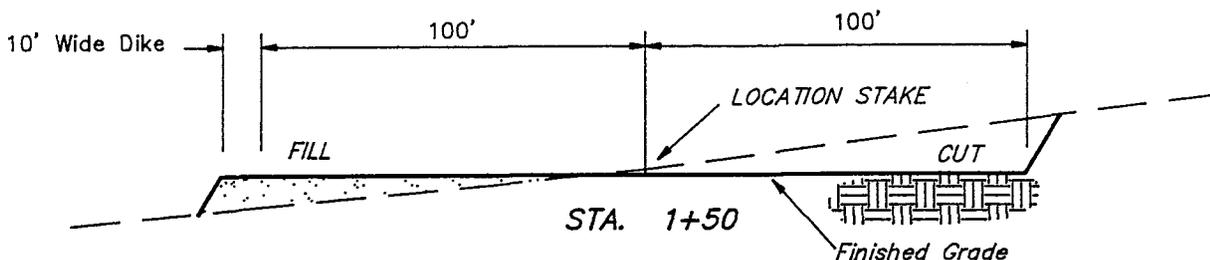


1" = 20'
X-Section
Scale
1" = 50'

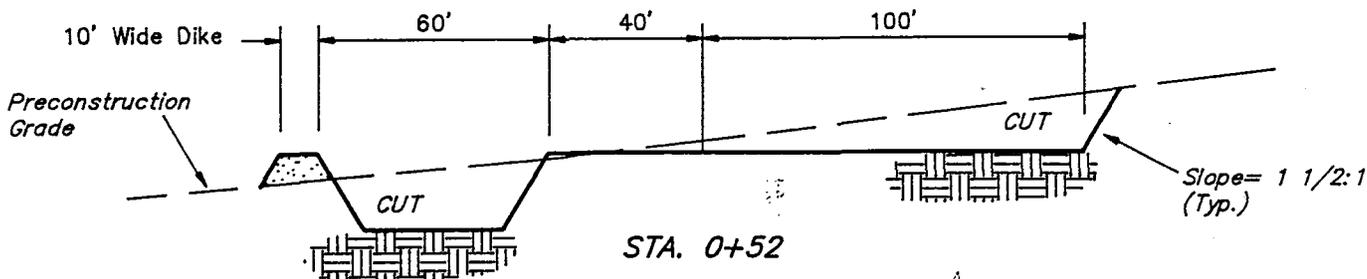
DATE: 4-28-95
Drawn By: C.B.T.



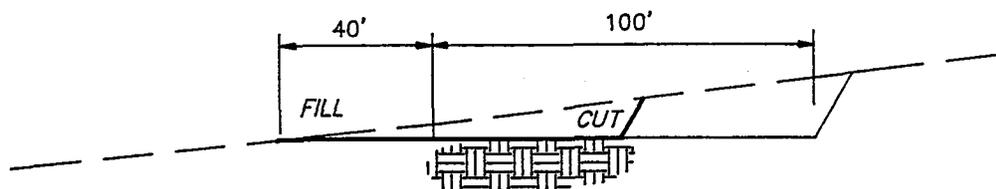
STA. 2+75



STA. 1+50



STA. 0+52



STA. 0+00

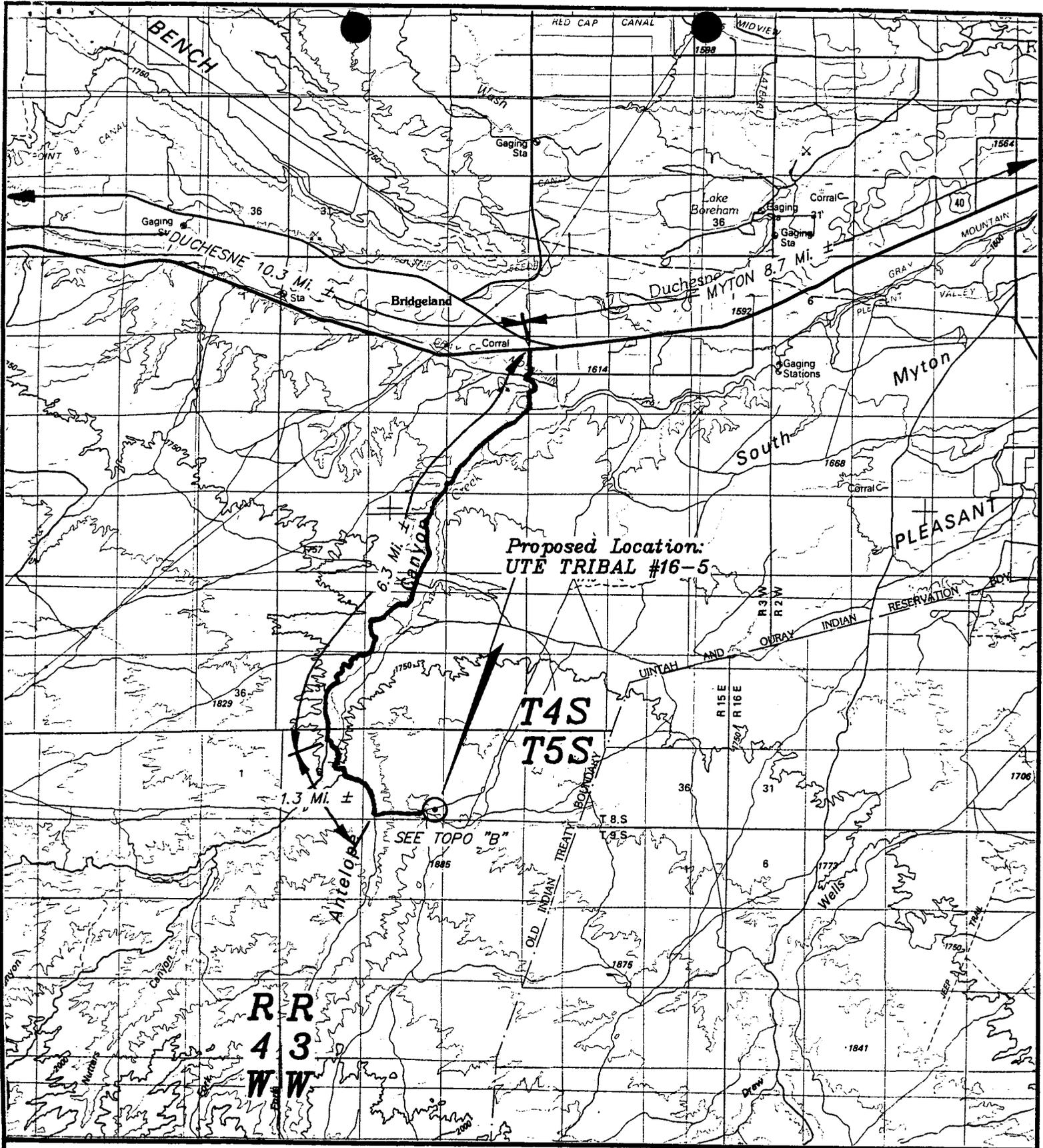
NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

(12") Topsoil Stripping	=	1,670 Cu. Yds.
Remaining Location	=	3,340 Cu. Yds.
TOTAL CUT	=	5,010 CU.YDS.
FILL	=	810 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	4,160 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,370 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	1,790 Cu. Yds.

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



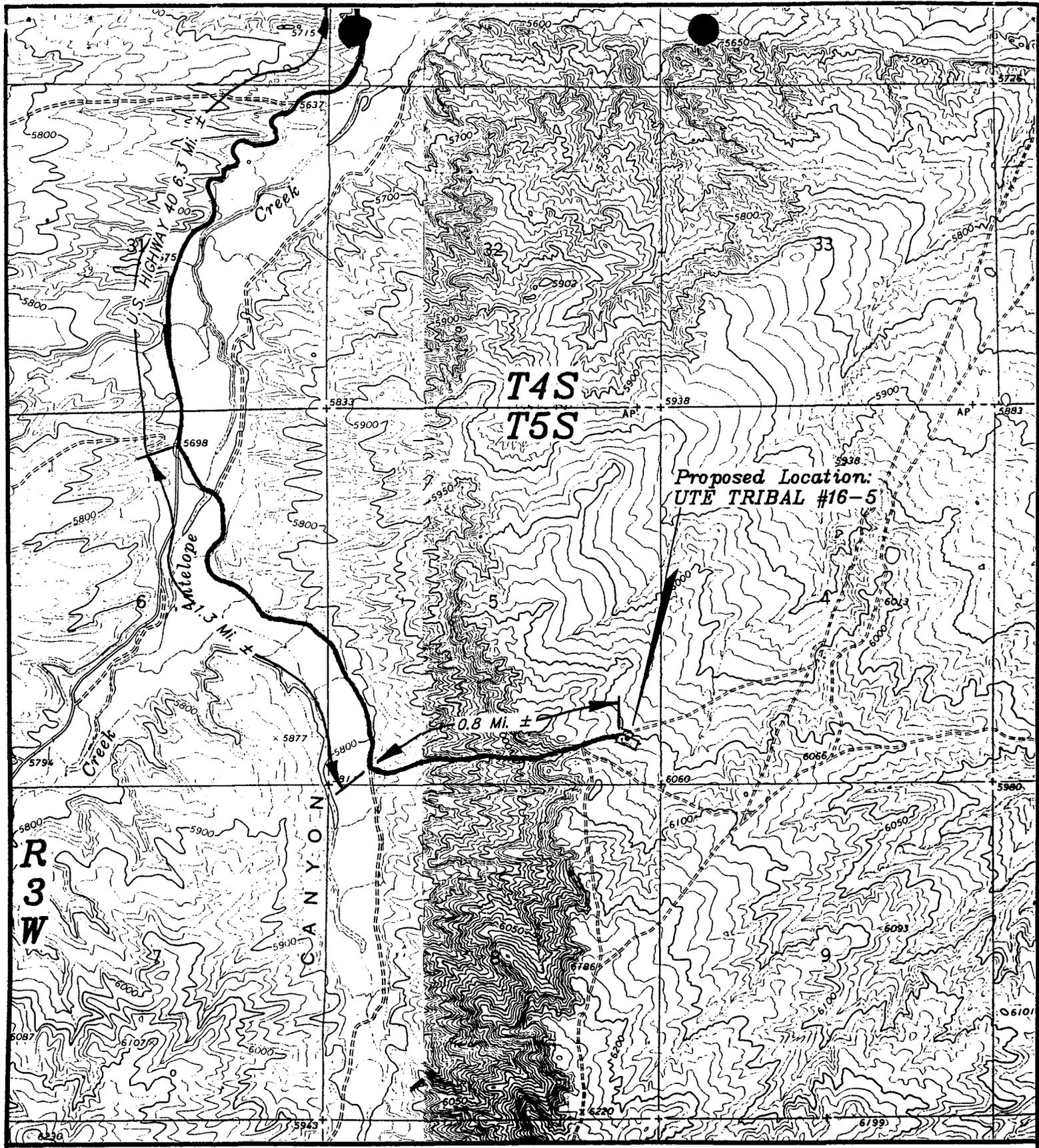
TOPOGRAPHIC
MAP "A"

DATE: 4/28/95 D.COX



PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #16-5
SECTION 5, T5S, R3W, U.S.B.&M.
708' FSL 523' FEL



TOPOGRAPHIC
MAP "B"

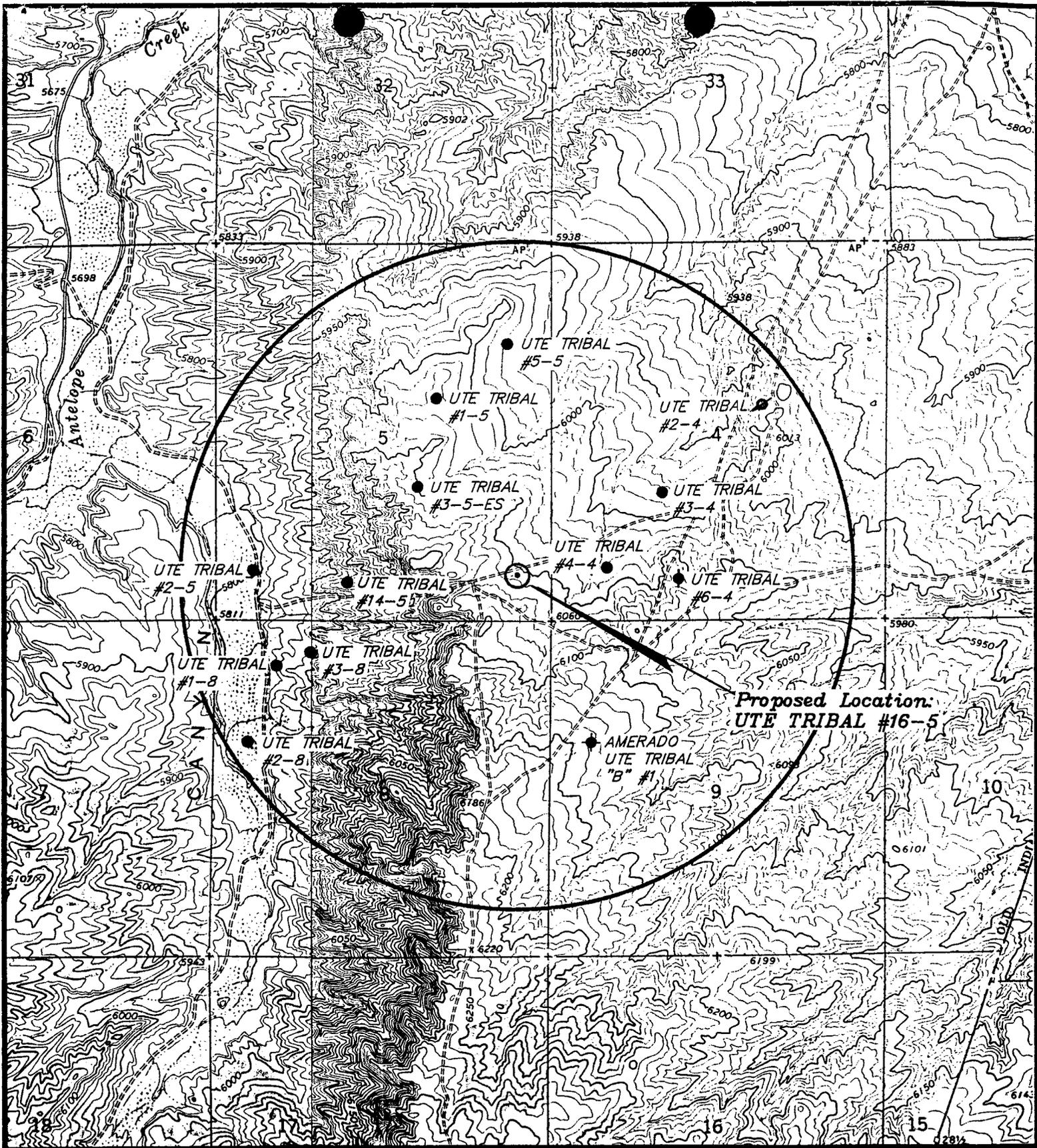
SCALE: 1"=2000'

DATE: 4/28/95 D.COX



PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #16-5
SECTION 5, T5S, R3W, U.S.B.&M.
708' FSL 523' FEL



LEGEND:

- = Water Wells
- ◐ = Abandoned Wells
- ◑ = Temporarily Abandoned Wells
- ⊗ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- ◐ = Shut-in Wells

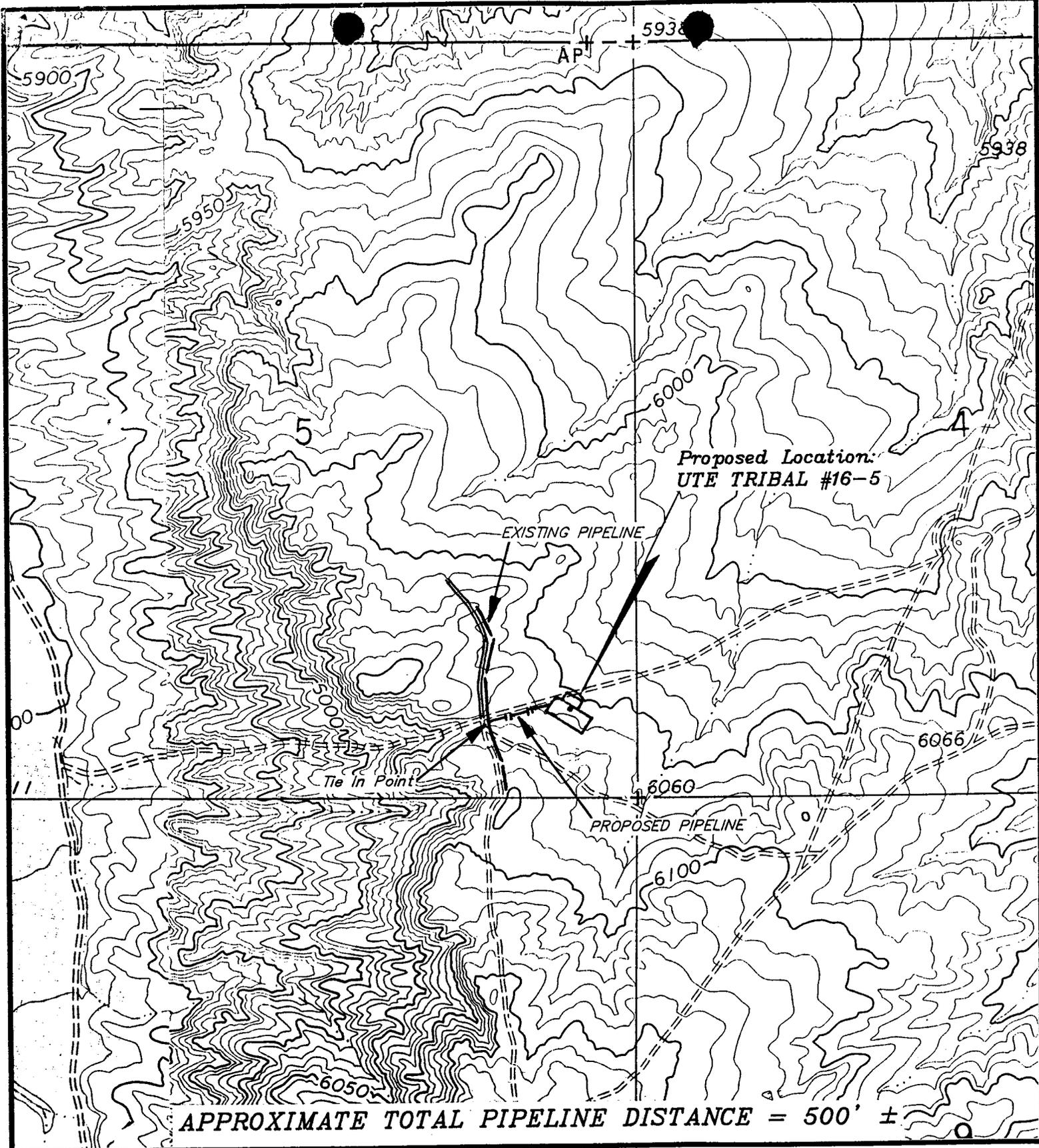


PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #16-5
SECTION 5, T5S, R3W, U.S.B.&M.

TOPO MAP "C"

DATE: 4-28-95 D.COX



LEGEND:

- Existing Pipeline
- |-|-|-|- Proposed Pipeline

SCALE: 1" = 1000'



PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #16-5
SECTION 5, T5S, R3W, U.S.B.&M.

T O P O M A P " D "

DATE: 4-28-95 D.COX

EQUIPMENT INVENTORY
UTAH DIVISION OF OIL, GAS AND MINING
STATE OF UTAH

Operator: PETROGLYPH OPERATING Lease: State: Federal: Indian: X Fee:

Well Name: UTE TRIBAL #16-5 API Number: 43-013-31527

Section: 5 Township: 5S Range: 3W County: DUCHESNE Field: ANTELOPE CREEK

Well Status: POW Well Type: Oil: YES Gas:

PRODUCTION LEASE EQUIPMENT: (NUMBER)

Boiler(s): Compressor(s): Separator(s): Dehydrator(s):
Shed(s): Line Heater(s): Heated Separator(s): VRU:
Heater Treater(s): YES

PUMPS:

Triplex: Chemical: Centrifugal: (1)

LIFT METHOD:

Pumpjack: YES Hydraulic: Submersible: Flowing:

GAS EQUIPMENT: (NUMBER)

Purchase Meter: NO Sales Meter: NO

TANKS:

	NUMBER	SIZE
Oil Storage Tank(s):	<u>N/A</u>	<u> </u> BBLS
Water Tank(s):	<u>N/A</u>	<u> </u> BBLS
Power Water Tank:	<u>N/A</u>	<u> </u> BBLS
Condensate Tank(s):	<u> </u>	<u> </u> BBLS
Propane Tank:	<u> </u>	

Central Battery Location: (IF APPLICABLE)

Qtr/Qtr: NW/SE Section: 5 Township: 5S Range: 3W

REMARKS: ALL PRODUCTION IS COMMINGLED TO CENTRAL BATTERY. CASING GAS IS
UTILIZED BY PUMP JACK MOTOR. CENTRIFUGAL PUMP FOR HEAT TRACE SYSTEM.

Inspector: DENNIS L. INGRAM Date: 12/6/95

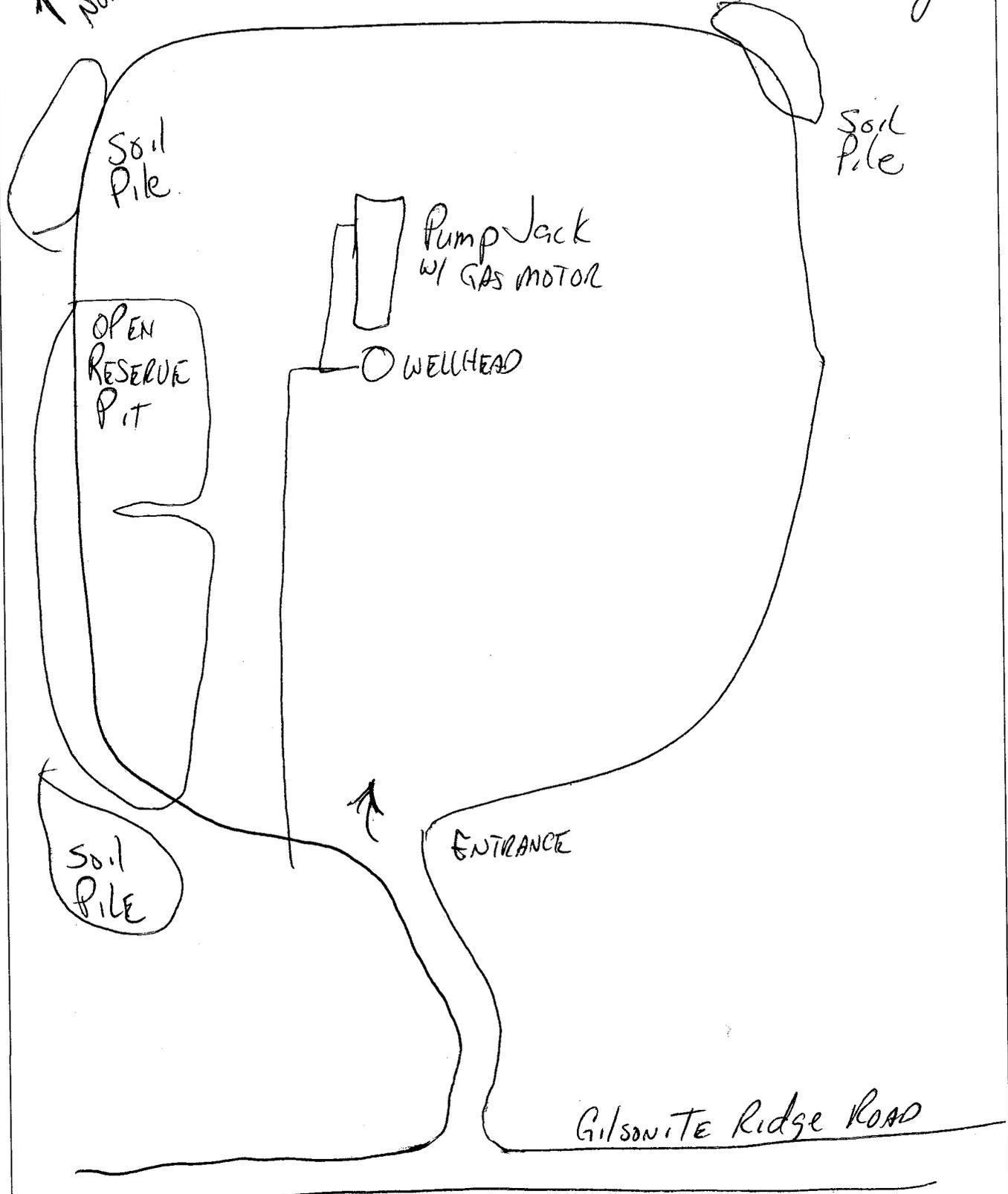
Petroglyph OPERATING
UTE TRIBAL #16-5
SEC 5; T5S; R3W

43-013-31527

FIRST REPORT OF PRODUCTION
12/6/95
D. J. Ingram

POW

↑ NORTH



43-381 50 SHEETS 5 SQUARE
43-382 50 SHEETS 5 SQUARE
43-383 50 SHEETS 5 SQUARE
43-384 50 SHEETS 5 SQUARE
43-385 50 SHEETS 5 SQUARE
43-386 50 SHEETS 5 SQUARE
43-387 50 SHEETS 5 SQUARE
43-388 50 SHEETS 5 SQUARE
43-389 50 SHEETS 5 SQUARE
43-390 50 SHEETS 5 SQUARE
NATIONAL
MADE IN U.S.A.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/19/95

API NO. ASSIGNED: 43-013-31527

WELL NAME: UTE TRIBAL 16-5
 OPERATOR: PETROGLYPH OPERATING (N3800)

PROPOSED LOCATION:
 SESE 05 - T05S - R03W
 SURFACE: 0708-FSL-0523-FEL
 BOTTOM: 0708-FSL-0523-FEL
 DUCHESNE COUNTY
 ANTELOPE CREEK FIELD (060)

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

LEASE TYPE: IND
 LEASE NUMBER: 14-20-H62-3504

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Federal State Fee
 (Number 804556)
 Potash (Y/N)
 Oil shale (Y/N)
 Water permit
 (Number 43-10152)
 RDCC Review (Y/N)
 (Date: _____)

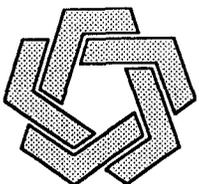
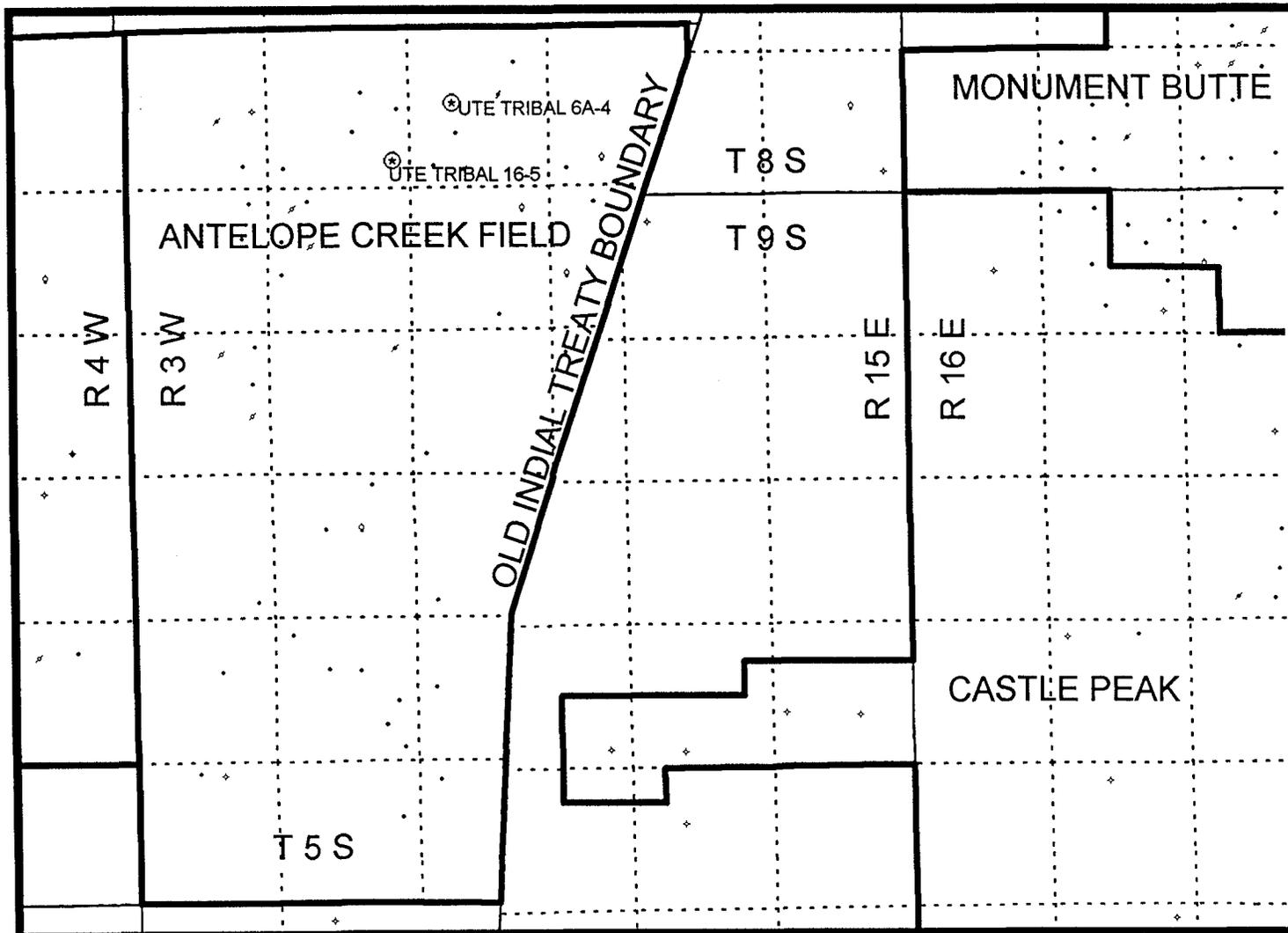
LOCATION AND SITING:

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

COMMENTS: _____

STIPULATIONS: _____

PETROGLYPH OPERATING SEC. 4 & 5, T 5 S, R 3 W DUCHESNE COUNTY NO SPACING



STATE OF UTAH

Operator: PETROGLYPH OPERATING	Well Name: UTE TRIBAL 16-5
Project ID: 43-013-31527	Location: SEC. 05 - T05S - R03W

Design Parameters:

Mud weight (10.00 ppg) : 0.519 psi/ft
 Shut in surface pressure : 2790 psi
 Internal gradient (burst) : 0.069 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using buoyed weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	6,189	5.500	15.50	J-55	ST&C	6,189	4.825		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	3215	4040	1.257	3215	4810	1.50	81.26	202	2.49 J

Prepared by : FRM, Salt Lake City, UT
 Date : 05-24-1995
 Remarks :

Minimum segment length for the 6,189 foot well is 1,000 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 105°F (Surface 74°F, BHT 136°F & temp. gradient 1.000°/100 ft.)
 The mud gradient and bottom hole pressures (for burst) are 0.519 psi/ft and 3,215 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)



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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

May 24, 1995

Petroglyph Operating Company, Inc.
P. O. Box 1839
Hutchinson, Kansas 67504-1839

Re: Ute Tribal #16-5 Well, 708' FSL, 523' FEL, SE SE, Sec. 5, 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 43-013-31527.

Sincerely,

R. J. Frith
Associate Director

ldc

Enclosures

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

WAPD



Operator: Petroglyph Operating Company, Inc.

Well Name & Number: Ute Tribal #16-5

API Number: 43-013-31527

Lease: Indian 14-20-H62-3504

Location: SE SE Sec. 5 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)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: PETROGLYPH

Well Name: UTE 16-5

Api No. 43-013-31527

Section 5 Township 5S Range 3W County DUCHESNE

Drilling Contractor UNION

Rig # 16

SPUDDED: Date 5/24/95

Time _____

How ROTARY

Drilling will commence _____

Reported by D. INGRAM-DOGM

Telephone # _____

Date: 6/8/95 Signed: JLT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT IN TRIPlicate
(Other instructions on reverse side)
MAY 26 1995
DIV. OF OIL, GAS & MINING

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

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 CO., INC.

3. ADDRESS AND TELEPHONE NO.
 P.O. BOX 1839 HUTCHINSON, KS 67504-1839

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 708' FSL & 523' FEL SE/SE
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 17.1 miles southwest of Myton, Utah

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 523'

16. NO. OF ACRES IN LEASE
 722.8

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.
 6189'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6048.8' Graded Ground

22. APPROX. DATE WORK WILL START*
 May 1995

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-3504

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 UINTAH & OURAY TRIBE

7. UNIT AGREEMENT NAME

8. FARMOR LEASE NAME, WELL NO.
 UTE TRIBAL

9. API WELL NO.
 #16-5

10. FIELD AND POOL, OR WILDCAT
 ANTELOPE CREEK

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
 Sec. 5, T5S, R3W

12. COUNTY OR PARISH
 DUCHESNE

13. STATE
 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 #	400'	350 sx class "G" + 2% CaCl ₂ + 1/4 #/sx celloflake.
7 7/8	5 1/2	15.5 #	6189'	

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).

RECEIVED
MAY 18 1995

PETROGLYPH OPERATING CO., INC.
WILL BE THE DESIGNATED OPERATOR
OF THE SUBJECT WELL UNDER BOND
BO4556.

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 5-17-1995

(This space for Federal or State office use)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

PERMIT NO. _____ 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 ASSISTANT DISTRICT MANAGER MINERALS DATE MAY 24 1995

*See Instructions On Reverse Side

Ut080-5m-156

memorandum

MAY 18 1995

DATE: *18/5/95*
Superintendent, Uintah & Ouray AgencyREPLY TO
ATTN OF:Concurrence Letter for Petroglyph Operating CO.
UTE TRIBAL #16-5, Section 5, T5S, R3E

MAY 18 1995

TO: Bureau of Land Management, Vernal District Office
Attention: Minerals and Mining Division

We recommend approval of the Application for Permit to Drill on the subject well.

Based on available information received on May 19, 1995 we cleared the proposed location in the following areas of environmental impact.

YES NO Listed threatened or endangered species
 YES NO Critical wildlife habitat
 YES NO Archaeological or cultural resources
 YES NO Air quality aspects (to be used only
 if project is in or adjacent to a Class I
 area of attainment.
 YES NO Other (if necessary)

The Energy and Minerals Department is recommending the following criteria to be adhered during all phases of construction activities.

- 1) All vehicular Traffic, personnel movement , construction and restoration operations should be confined to the areas examined and referenced in report and to the existing roadways and/or evaluated access routes.
- 2) All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
- 3) The personnel from Ute Tribe Energy & Minerals Department should be consulted should cultural remains from subsurface deposits be exposed or identified during construction.
- 4) All recommendations of the Bureau of Indian Affairs combined site specific environmental analysis report shall be strictly adhered, during and after construction.

Attachment: Environmental Analysis Report dated May 19,1995.

Charles Cameron



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

UINTAH AND OURAY AGENCY

FORT DUCHESNE, UTAH 84026

(801) 722-2406 51/53/54

ON REPLY REFER TO:

Minerals and Mining

MINERAL ACCESS AGREEMENT ON INDIAN OWNED LANDS

Well No. UT #16-5

The purpose of this agreement is to regulate the surface development of Indian Lands which have been leased for oil and gas development. An approved agreement must be obtained prior to the commencement of any surface disturbing activity and will be in effect for the term of the lease and the agreed upon contractual provisions referenced therein, in not revoked under the terms in Item 4 of this agreement.

1. The authorized officer for the Bureau of Indian Affairs, in conjunction with the Indian Surface owner and Tribe hereby grants permission to: PETROGLYPH OPERATING CO., INC.

To improve and/or construct and maintain a development corridor which may contain an access road, pipelines, powerlines, communication lines and well pads on the following trust land (reference lease number and legal description): Lease No. BIA 14-20-H62-3504

2. In consideration of the approval of this agreement, the above company agrees to adhere to all lease provisions, A.P.D. stipulations and regulations of the Secretary of the Interior now or hereafter in force relative to such leases.

3. The Company herewith submits an estimated surface damage fee in the amount of \$ As per Terms of the Coop. POD, for acres Pending Agency appraisal and the Affidavit of Completion.

4. This agreement will remain in effect unless revoked upon 30 days written notice by the Superintendent or the appropriate official, depending upon circumstances.

5. The permittee will submit a certified survey map of the proposed access road and/or well pad with this permit. The map must adhere to all specifications and requirements of the Branch of Minerals and Mining, Uintah and Ouray Agency, Bureau of Indian Affairs. Upon completion of construction, an Affidavit of Completion will be submitted by the company to certify that the construction completed was in accordance to the specifications certified to on the survey map accompanying this agreement.

6. The Company agrees to furnish a bond in the amount of \$ BO 4556, or to utilize said company's existing Nationwide Oil and Gas Bond No. BO 4556 to guarantee performance of this permit.

7. The Company agrees to contact immediately the Bureau of Indian Affairs (BIA) and the Bureau of Land Management (BLM), if cultural resources discovered during construction or anytime during the course of daily operations.

8. ADDITIONAL STIPULATIONS:

Signed on this 10th day of May, 1995.

WITNESS: [Signature]

[Signature] AUTHORIZED AGENT PETROGLYPH OPERATING CO., INC. COMPANY NAME P.O. Box 1839 ADDRESS HUTCHINSON, KS 67504-1839 CITY/STATE ZIP CODE

APPROVED: [Signature] Acting Superintendent

5-10-1995 Date

**SITE SPECIFIC
ENVIRONMENTAL ANALYSIS**

1.0 PROPOSED ACTION

Petroglyph Operating Co., Inc. is proposing to drill the Ute Tribal Well #16-5 and construct 0.8 miles of access road, and approximately 500 feet of surface pipeline.

2.0 ALTERNATIVE ACTIONS

- A. ALTERNATIVE CONSIDERED: The proposed action is the preferred alternative.
- B. NO ACTION: Under the no action alternative the proposed action would not be implemented.
- C. OTHER: NA

3.0 PERMITTEE/LOCATION

- A. Permittee- Petroglyph Operating Co., Inc.
- B. Date- 5-11-95
- C. Well number- Ute Tribal #16-5
- D. Right-of-way- Access road 0.8 miles, and pipeline r/w approximately 500 feet.
- E. Site location SWSW, Section 5, T5S, R3W, USB&M.

4.0 SITE SPECIFIC SURVEY

A. SITE DESCRIPTION

- 1. Elevation (feet) 6049
- 2. Annual precipitation (inches)- 12 to 14
- 3. Topography- rolling hills
- 4. Soil- The soil texture is (0 to 6") medium textured loams with moderate water intake rate and permeability.

B. VEGETATION

- 1. Habitat type is upland shrub.
- 2. Percent Ground Cover- estimated to be 40%.
- 3. Vegetation consists of approximately 30% grasses, 50% scrubs, and 20% forbs. The main variety of grasses are squirrel tail, Indian ricegrass, poa, needle & thread, and blue grama. Forbs are astragalus, Indian paint brush, globemallow, lambs quarter, and annuals. Scrubs consist of black sagebrush, prickly pear, snake weed, nuttle salt bush, shadscale, and bud sagebrush. There are no trees on the location.

4. Observed Threatened & Endangered species: None.
5. Potential For Threatened & Endangered species: Slight
7. Observed Noxious Weeds: None

8. AFFECTED ENVIRONMENTAL

1. There are no surface damages as a result of the initial survey.

4.1 WILDLIFE

A. POTENTIAL SITE UTILIZATION

1. Big Game-The area is used throughout most of the year by antelope. During the winter it is used by both mule deer and elk.
2. Small Game-The area is used by cottontail rabbit, morning dove, and sage hen.
3. Raptor- Various species of raptors use this area for habitat. Raptors which are observed using the area are Golden eagles, Redtail hawk, & Kestrel. Ferruginous hawk hunt in the area and are known to nest approximately 3.0 miles to the south of this project area.
5. Non-Game Wildlife- Animal species which have been observed using this area are black tail jack rabbit, coyote, fox, badger, and various species of reptiles, and song birds.
6. Threatened & Endangered Species: No T&E species are reported using the area of this project.

4.2 PRESENT SITE USE

A. USAGE

	<u>acres</u>
Rangeland	4.50
Irrigable land	0
Woodland	0
Non-Irrigable land	4.50
Commercial timber	0
Floodplain	0

Wetland	0
Riparian	0
Other:	0

4.3 CULTURAL RESOURCES

A. CULTURAL SURVEY

Cultural Resource Surveys were performed by James A. Truesdale, an Independent Archaeologist on April 27, 1995.

5.0 ENVIRONMENTAL IMPACTS

A. SURFACE ALTERATIONS

	<u>acres</u>
1. Access road	2.90
2. Well site	1.26
3. Pipeline right-of-way	0.34
4. Total area disturbed	4.50

B. VEGETATION/LANDSCAPE

1. Production loss (AUM's)/year: 0.5
2. Permanent scar on landscape: Yes X No
3. Potential impacts to Threatened & Endangered species:
Yes No X

C. SOIL/RANGE/WATERSHED

There will be an increase in wind and water erosion as a result of removing vegetation and exposing the soil from construction of the wellsite and access road. This will increase water runoff and the soil will remain exposed causing erosion to continue for the life of the well, and until the site is rehabilitated.

Within 90 days after the well is completed the reserve pits will be backfilled. Well cuttings, clays, and additives for drilling are not considered hazardous but excess fluids left in the pit after the well is drilled will be hauled to approved disposal pits. Loading the soil with salt from produced water will only occur when there are accidental spills. Therefore, the impact to the soil resources, or ground water aquifers will be minimal.

The area is presently used as rangeland. In recent years the area has been permitted for livestock grazing, but at the present time no permits have been issued for the area. This project will reduce livestock grazing by approximately 0.5 AUM/ year.

The area is not used as irrigated cropland and a water right has not been designated for the area.

D. WILDLIFE/THREATENED & ENDANGERED SPECIES

There will be a reduction of wildlife habitat and grazing for livestock. There will also be an increase in wildlife disturbance and poaching resulting from the additional traffic and people using the area.

There are no known impacts to Threatened or Endangered species but the area is important winter range for big game.

6.0 MITIGATION STIPULATIONS

A. VEGETATION/LANDSCAPE

1. Before the site is abandoned the company will be required to restore the well pad, and access road to near their original state. The disturbed area will be reseeded with desirable perennial vegetation.

Although the road rights-of-way will be 30 feet wide, the graded area of the road will be limited in most places to 21 feet between the two outer edges of the barrow pits. Where deep cuts are required for road construction, or where intersections or sharp curves occur the road may be constructed wider than 21 feet so that large pieces of equipment will have enough room to make turns.

2. Noxious weeds will be controlled on all well sites and rights-of-way. If noxious weeds spread from the well sites or rights-of-way onto adjoining land, the company will also be responsible for their control.

B. SOILS/RANGE/WATERSHEDS

1. Soil erosion will be mitigated by reseeded all disturbed areas.
2. Approximately 17 rods of fence will be constructed around the reserve pit until it is back filled.
3. Salt and pollution loading of the soil and geological formations will be mitigated by requiring the oil company to:

a. Lined reserve pits with impervious synthetic liners.

b. Have a closed production system. All produced waters and by products will either be piped to approved injection wells, or hauled to approved disposal sites.

c. Production water, oil, and other by-products will not be applied to roads or well pads for the control of dust or weeds. Indiscriminate dumping of oil field by-products on tribal lands will not be allowed.

C. WILDLIFE/VEGETATION/THREATENED & ENDANGERED SPECIES

No Threatened & Endangered species have been identified associated with this project. Therefore, no stipulations have been developed for their protection.

D. CULTURAL RESOURCES

Cultural resource surveys were performed by James A. Truesdale. The consultant recommends clearance of the project as it is presently staked.

7.0 UNAVOIDABLE ADVERSE IMPACTS

A. SURFACE ALTERATIONS

None of the adverse impacts listed in 5.0 above can be avoided in a practical manner except those which are mitigated in item 6.0 above and those specified in BLM's 13 point surface use plan.

B. RELATIONSHIP BETWEEN SHORT-TERM USE OF THE ENVIRONMENT VS LONG TERM PRODUCTIVITY.

1. Short Term: (Estimated 20 years) A total loss of production on the land and the associated environmental impacts will continue to influence the surrounding area for the productive life of the well.

2. Long Term: Standard policies provide for rehabilitation of the well sites and access roads. After the land is rehabilitated, it is not expected to return to its original productive capability. Normally, there will be a permanent scar left on the landscape.

C. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT

Oil and Gas are non-renewable resources, once they have been removed they can never be replaced.

8.0 CUMULATIVE IMPACTS

A. FULL DEVELOPMENT

Each additional well drilled for development increases the soil erosion potential, reduces wildlife habitat and grazing, increases potential soil and geologic pollution resulting from salt loading, reduces the soil's potential to recover, and increases the potential of water pollution from produced waters and hydro-carbons. Therefore, strict conformance with the mitigation measures and recommendations in this document is emphasized to minimize the adverse environmental impacts.

9.0 NEPA COMPLIANCE

A. RESEARCH/DOCUMENTATION

Based on available information, 5-16-95, the proposed location in the following areas of environmental impacts has been cleared:

<u> X </u>	Yes	<u> </u>	No	Listed Threatened & Endangered species
<u> X </u>	Yes	<u> </u>	No	Critical wildlife habitat
<u> X </u>	Yes	<u> </u>	No	Historical and cultural resources

10.0 REMARKS

A. SURFACE PROTECTION/REHABILITATION

All essential surface protection and rehabilitation requirements are specified above.

11.0 RECOMMENDATIONS

A. APPROVAL/DISAPPROVAL

We recommend approval of the proposed action as outlined in item 1.0 above.

5-16-95
Date


Representative - BIA Land Operations, Uintah and Ouray Agency

12.0 REVIEWING OFFICIAL

A. CONCURRENCE

We concur with the approval X disapproval of
the proposed action as outlined in item 1.0 above.

5/18/95
Date

Allen D. Hoyle
Environmental Coordinator,
Uintah and Ouray Agency

13.0 DECLARATION

A. APPROVAL

It has been determined that the proposed action is not a federal action significantly affecting the quality of the environment as it would require the preparation of an environmental impact statement in accordance with Section 102 (2) (c) of the National Environmental Policy Act of 1969 (42 USC 4331) (2) (C).

5/18/95
Date

Charles H. Cameron
acting Superintendent,
Uintah and Ouray Agency

14.0 CONSULTATION

A. REPRESENTATIVES/ORGANIZATION

Stan Olmstead- BLM
Dale Hanberg- BIA
Ed Trotter-Petroglyphs
Lonnie Nephi-UTEM

B:\EAPetro.165

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Petroglyph Operating Co., Inc.

Well Name & Number: Ute Tribal 16-5

API Number: 43-013-31527

Lease Number: 14-20-H62-3504

Location: SESE Sec. 5 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 the field representative 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. 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.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

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

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 Mahogany Oil shale zone identified at $\pm 2,980$ ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

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 $\pm 2,780$ 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 approvals are necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
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.

Petroglyph Operating Co., Inc.
Well No. Ute Tribal #16-5

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COA's)

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the areas examined, as referenced in report, and to the existing roadways and/or evaluated access routes.
2. All recommendations of the Bureau of Indian Affairs, combined site specific Environmental Analysis (EA) report shall be strictly adhered, during and after construction.
3. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
4. The personnel from the Ute Tribe Energy & Minerals Department should be consulted, should cultural remains from subsurface deposits be exposed during construction work.

Mitigation stipulations from the combined site specific Environmental Analysis.

1. Before the site is abandoned the company will be required to restore the well pad, access roads, and pipeline rights-of-way to near their original state. The disturbed area will be reseeded with desirable perennial vegetation.

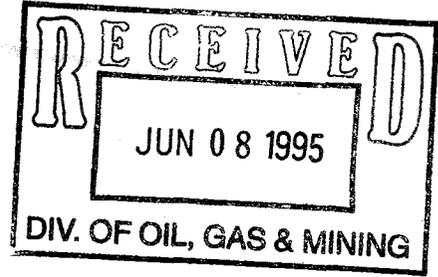
Although the road rights-of-way will be 30 feet wide, the graded area of the road will be limited in most places to 21 feet between the two outer edges of the barrow pits. Where deep cuts are required for road construction, or where intersections or sharp curves occur the road may be constructed wider than 21 feet so that large pieces of equipment will have enough room to make turns.

2. Noxious weeds will be controlled on all well sites and rights-of-way. If noxious weeds spread from the well sites or rights-of-way onto adjoining land, the company will also be responsible for their control.
3. The reserve pit will be lined with an impervious synthetic liner.
4. Have a closed production system. All produced waters and by products will either be piped to approved injection wells, or hauled to approved disposal sites.

5. Production water, oil, and other by-products will not be applied to roads or well pads for the control of dust or weeds. Indiscriminate dumping of oil field by-products on tribal lands will not be allowed.

PETROGLYPH Operating Company, Inc.

6209 North Highway 61, Hutchinson, Kansas 67502 • P.O. Box 1839, Hutchinson, Kansas 67504-1839



June 5, 1995

Ron Firth
State of Utah
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, UT 84180-1203

Mr. Firth:

Enclosed please find CNL, DIL, ML for the Ute Tribal 16-5 well located in Duchesne County, UT.

If you have any questions, please do not hesitate to contact me at (316) 665-8500.

Sincerely,

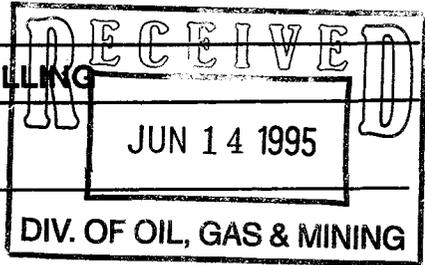
Angela R. Ely
Operations Coordinator

ARE/ms

Enclosures

43 013 31527
53 30 5
DRL

REPORT OF WATER ENCOUNTERED DURING DRILLING



1. Well name and number: Ute Tribal 16-5

API number: 43-013-31527

2. Well Location: QQ SESE Section 5 Township 5S Range 3W County Duchesne

3. Well operator: Petroglyph Operating Company, Inc.

Address: P.O. Box 607

Roosevelt, UT 84066

Phone: (801) 722-2531

4. Drilling contractor: Union Drilling

Address: P.O. Drawer 40

Buckhannon, WV 26201

Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
1115'	1135'	5 gal/min for last 30 min	fresh

6. Formation tops: _____

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

I hereby certify that this report is true and complete to the best of my knowledge. Date: 6-2-95

Name & Signature: *Dan M. Lindsey* Dan M. Lindsey Title: Manager of Operations

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Petroglyph Operating Company, Inc.

3. Address and Telephone No.
 6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 708' FSL & 523' FEL
 SE SE Sec. 5-T5S-R3W

5. Lease Designation and Serial No.
 14-20-H62-3504

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 16-5

9. API Well No.
 43-013-31527

10. Field and Pool, or Exploratory Area
 Antelope Creek

11. County or Parish, State
 Duchesne County, Utah

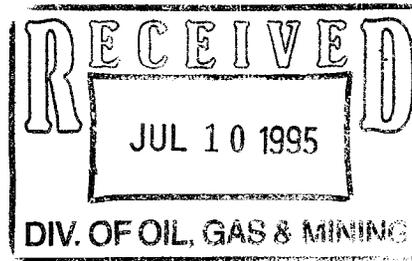
CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____
	<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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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.)*

Drilled to 6190' TD.

Petroglyph Operating Company, Inc. would like to notify you by subsequent report that production casing was 5-1/2" 15.5 J55 8rd LTC and set at 6147'. Pumped 20 barrels chemical wash, 5 BW spacer, 90 sx HILIFT (3.9 ft. 3/sk, 11.0 ppg), and 350 sx 10-0 RFC (1.61 ft 3/sk, 14.2 ppg), all cement had 5#/sk Kolite. Had full circulation throughout job.



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

Signed [Signature] Title Manager of Operations Date 6-2-95

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

ditions 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 within its jurisdiction.

*See Instruction on Reverse Side

RECEIVED JUN 13 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.
14-20-H62-3504

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 16-5

9. API Well No.
43-013-31527

10. Field and Pool, or Exploratory Area
Antelope Creek

11. County or Parish, State
Duchesne County, Utah

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Petroglyph Operating Company, Inc.

3. Address and Telephone No.
6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

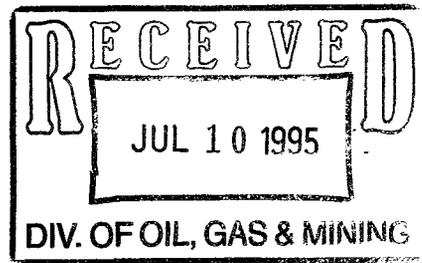
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
708' FSL & 523' FEL
SE SE Sec. 5-T5S-R3W

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 <u>waiting on completion</u>
	<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

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.)*

Waiting on completion.



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

Signed [Signature] Title Manager of Operations Date 6-23-95

(This space for Federal or State office 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 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

5. Lease Designation and Serial No.

14-20-H62-3504

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 16-5

9. API Well No.

43-013-

10. Field and Pool, or Exploratory Area

Antelope Creek

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

Type of Well

Oil Well Gas Well Other

Name of Operator

Petroglyph Operating Company, Inc.

Address and Telephone No.

6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

Location of Well (Footage, Sec., T., R., M., or Survey Description)

708' FSL & 523' FEL
SE SE Sec. 5-T5S-R3W

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

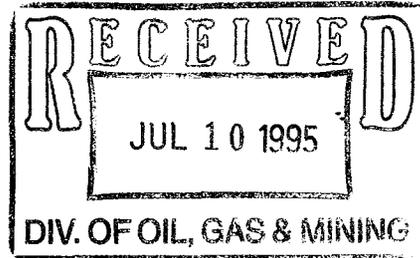
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other waiting on completion

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.)

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.)*

Waiting on completion.



I hereby certify that the foregoing is true and correct

Signed [Signature]

Title Manager of Operations

Date 6-16-95

(This space for Federal or State office 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 within its jurisdiction.

*See Instruction on Reverse Side

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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

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. 14-20-H62-3504
2. Name of Operator Petroglyph Operating Company, Inc.		6. If Indian, Allottee or Tribe Name Ute Indian Tribe
3. Address and Telephone No. 6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500		7. If Unit or CA, Agreement Designation 14-20-H62-4650
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 708' FSL & 523' FEL SE SE Sec. 5-T5S-R3W		8. Well Name and No. Ute Tribal 16-5
		9. API Well No. 43-013-
		10. Field and Pool, or Exploratory Area Antelope Creek
		11. County or Parish, State Duchesne County, Utah

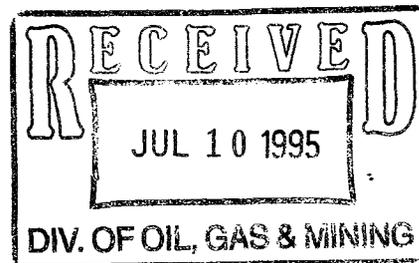
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 <u>Waiting on completion</u>
	<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.)*

Waiting on completion.



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

Signed [Signature] Title Manager of Operations Date 6-9-95

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
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 within its jurisdiction.

*See Instruction on Reverse Side

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0
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

5. Lease Designation and Serial No.

14-20-H62-3504

6. If Indian, Alliance or Tribe Name

Ute Indian Tribe

7. If Unit or CA, Agreement Designation

14-20-H62-4650

8. Well Name and No.

Ute Tribal 16-5

9. API Well No.

43-013-31527

10. Field and Pool, or Exploratory Area

Antelope Creek

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

Type of Well
 Oil Well Gas Well Other

Name of Operator
Petroglyph Operating Company, Inc.

Address and Telephone No.
6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

Location of Well (Footage, Sec., T., R., M., or Survey Description)
708' FSL & 523' FEL
SE SE Sec. 5-T5S-R3W

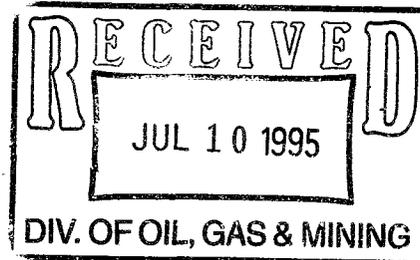
CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 <u>waiting on completion</u>
	<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.)

12. 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.)*

Waiting on completion.



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

Signed [Signature] Title Manager of Operations

Date 6-30-95

(This space for Federal or State office 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 within its jurisdiction.

*See instruction on Reverse Side

7-10-95

Form 3160-5
June 1990)

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

5. Lease Designation and Serial No.
14-20-H62-3504

6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE

7. If Unit or CA. Agreement Designation
14-20-H62-4650

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
Ute Tribal 16-5

2. Name of Operator
Petroglyph Operating Company, Inc.

9. API Well No.
43-013-21527

3. Address and Telephone No.
6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

10. Field and Pool, or Exploratory Area
Antelope Creek
11. County or Parish, State
Duchesne County, Utah

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
708' FSL & 523' FEL
SE SE Sec. 5-T5S-R3W

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

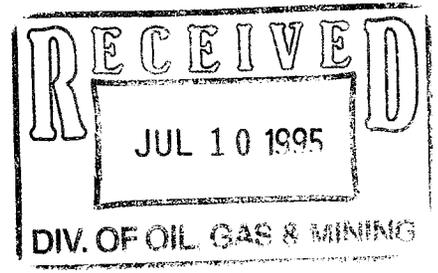
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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. would like to notify you by subsequent report that we spud the above referenced well 5/24/95 at 11:30 a.m. Drilling 12-1/4" surface hole.

Surface casing was 8-5/8" 24# J55, set at 433'. Cemented with 225 sx Class 'G' with 2% CaCl2 (1.15 ft 3/sk, 15.8 ppg). Had full circulation throughout job, circulated 20 sx cement to surface.

Current operations drilling at 1135'.



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

Signed Dan M. Lindsay

Title Manager of Operations

Date 5-26-95

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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 within its jurisdiction.

*See Instruction on Reverse Side

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

AUG 18 1995

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Petroglyph Operating Company, Inc.

3. Address and Telephone No.
6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
708' FSL & 523' FEL
SE SE Sec. 5-T5S-R3W

5. Lease Designation and Serial No.
14-20-H62-3504

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 16-5

9. API Well No.
43-013-31527

10. Field and Pool, or Exploratory Area
Antelope Creek

11. County or Parish, State
Duchesne County, Utah

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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>waiting on completion</u>
	<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.)*

Waiting on completion.

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

Signed [Signature] Title Manager of Operations Date 7-7-95

(This space for Federal or State office use)
 Approved by _____ Title _____ Date _____
 Additional 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 within its jurisdiction.

RECEIVED JUL 17 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 30 1995

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Petroglyph Operating Company, Inc.

3. Address and Telephone No.
 6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 708' FSL & 523' FEL
 SE SE Sec. 5-T5S-R3W

5. Lease Designation and Serial No.
 14-20-H62-3504

6. If Indian, Alliance or Tribe Name
 Ute Indian Tribe

7. If Unit or CA, Agreement Designation
 14-20-H62-4650

8. Well Name and No.
 Ute Tribal 16-5

9. API Well No.
 43-013-31527

10. Field and Pool, or Exploratory Area
 Antelope Creek

11. County or Parish, State
 Duchesne County, Utah

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 <u>waiting on completion</u>
	<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.)*

Waiting on completion.

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

Signed [Signature] Title Manager of Operations Date 7-14-95

(This space for Federal or State office use)
 Approved by _____ Title _____ Date _____
 Additional conditions of approval, if any:

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*See instruction on Reverse Side

RECEIVED JUL 17 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 18 1995

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Petroglyph Operating Company, Inc.

3. Address and Telephone No.
6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
708' FSL & 523' FEL
 SE SE Sec. 5-T5S-R3W

5. Lease Designation and Serial No.
14-20-H62-3504

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 16-5

9. API Well No.
43-013-31527

10. Field and Pool, or Exploratory Area
Antelope Creek

11. County or Parish, State
Duchesne County, Utah

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

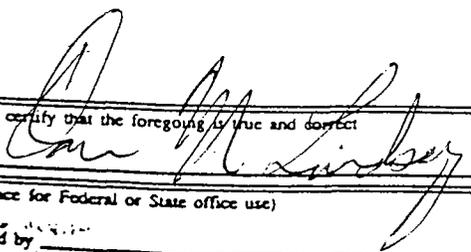
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>waiting on completion</u>
	<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.)*

Waiting on completion.

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

Signed  Title Manager of Operations Date 7-21-95

(This space for Federal or State office 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 within its jurisdiction.

*See Instruction on Reverse Side

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 18 1995

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Petroglyph Operating Company, Inc.

3. Address and Telephone No.
6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
708' FSL & 523' FEL
SE SE Sec. 5-T5S-R3W

5. Lease Designation and Serial No.
14-20-H62-3504

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 16-5

9. API Well No.
43-013-31527

10. Field and Pool, or Exploratory Area
Antelope Creek

11. County or Parish, State
Duchesne County, Utah

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 <u>waiting on completion</u>
	<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

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.)
Waiting on completion.

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

Signed [Signature] Title Manager of Operations Date 7-28-95

(This space for Federal or State office 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 within its jurisdiction.

*See Instruction on Reverse Side

RECEIVED JUL 31 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP 13 1995

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

SUNDRY NOTICES AND REPORTS ON **OIL, GAS & MINING**

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

Lease Designation and Serial No. 4-20-H62-3504
If Indian, Allottee or Tribe Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Petroglyph Operating Company, Inc.

3. Address and Telephone No.
6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
708' PSL & 523' FEL
SE SE Sec. 5-T5S-R3W

7. If Unit or CA, Agreement Designation
14-20-H62-4650

8. Well Name and No.
Ute Tribal 16-5

9. API Well No.
43-013-31527

10. Field and Pool, or Exploratory Area
Antelope Creek

11. County or Parish, State
Duchesne County, Utah

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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>waiting on completion</u>	<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.)

5. 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.)*

Waiting on completion.

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

Signed *Don M. Lindsey* Title Manager of Operations Date 8-18-95

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Comments 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 or to any matter within its jurisdiction.

*See instruction on Reverse Side

RECEIVED SEP 1 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP 13 1995
DIV OF OIL, GAS & MINING

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

3. Lease Designation and Serial No.
14-20-H62-3504
Indian, Alliance or Tribe Name
Ute Indian Tribe

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

Type of Well
 Oil Well Gas Well Other

7. If Unit or CA Agreement Designation

14-20-H62-4650

Name of Operator
Petroglyph Operating Company, Inc.

8. Well Name and No.
Ute Tribal 16-5

Address and Telephone No.
6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

9. API Well No.
43-013-31527

Location of Well (Footage, Sec., T., R., M., or Survey Description)
708' FSL & 523' FEL
SE SE Sec. 5-T5S-R3W

10. Field and Pool, or Exploratory Area
Antelope Creek

11. County or Parish, State
Duchesne County, Utah

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other waiting on completion

- 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.)

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.)*

Waiting on completion.

I hereby certify that the foregoing is true and correct

Signed Dan M. Lindsey

Title Manager of Operations

Date 8-25-95

(This space for Federal or State office use)

Approved by _____
Date of approval, if any: _____

Title _____

Date _____

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 within its jurisdiction.

*See instruction on Reverse Side

RECEIVED SEP 1 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP 13 1995
DIV. OF OIL, GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993
Well Designation and Serial No.
14-20-H62-3504
If Indian, Allottee or Tribe Name
Indian Tribe

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

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA, Agreement Designation 14-20-H62-4650
2. Name of Operator Petroglyph Operating Company, Inc.		8. Well Name and No. Ute Tribal 16-5
3. Address and Telephone No. 6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500		9. API Well No. 43-013-31527
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 708' FSL & 523' FEL SE SE Sec. 5-T5S-R3W		10. Field and Pool, or Exploratory Area Antelope Creek
		11. County or Parish, State Duchesne County, Utah

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 <u>waiting on completion</u>
	<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.)

5. 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.)*

Waiting on completion.

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

Signed *Dani M. Lindsey* Title Manager of Operations

Date 9-1-95

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Consent 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 within its jurisdiction.

*See instruction on Reverse Side

RECEIVED SEP 1 1995

OPERATOR Petroglyph Operating Company, Inc.

OPERATOR ACCT. NO. N3800

ADDRESS P.O. Box 1839

Hutchinson, KS 67504-1839

JAN 8 1996

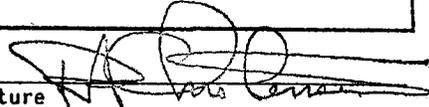
CORRECTED

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	09785	→	43-013-31527	Ute Tribal 16-5	SESE	5	5S	3W	Duchesne	5-24-95	
WELL 1 COMMENTS: <i>Entity from 11779 1-8-96. See</i> This well shares a common tank battery with Ute Tribal 3-5 E3.											
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.

Signature 
 Title President Date 1-3-96
 Phone No. (316) 665-8500

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
 (See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

b. TYPE OF COMPLETION: NEW WELL WORK OVER REENTRIN REPERFORATION REENTRIN REPERFORATION Other _____

2. NAME OF OPERATOR
 Petroglyph Operating Company, Inc.

3. ADDRESS OF OPERATOR
 P.O. Box 1839 Hutchinson, KS 67502 (316) 665-8500

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface 708' FSL & 523' FEL
 At top prod. interval reported below
 At total depth 6190 RTD'

14. PERMIT NO. 43-013-31527 DATE ISSUED _____

5. LEASE DENUMINATION AND SERIAL NO.
 14-20-H62-3504

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

7. UNIT AGREEMENT NAME
 Ute Tribal

8. FARM OR LEASE NAME
 Ute Tribal

9. WELL NO.
 16-5

10. FIELD AND POOL OR WILDCAT
 Antelope Creek

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
 Sec. 5-T5S-R3W

12. COUNTY OR PARISH
 Duchesne

13. STATE
 UT

15. DATE SPUNDED 5-24-95 18. DATE T.D. REACHED 6-2-95 17. DATE COMPL. (Ready to prod.) 11-3-95 19. ELEVATIONS (OF RHD, RT, GR, ETC.)* KB 6059' GL 6049' 20. ELEV. CASINGHEAD 6049

20. TOTAL DEPTH, MD & TVD 6190' RTD 21. PLUG, BACK T.D., MD & TVD 6088 22. IF MULTIPLE COMPL., HOW MANY? → 23. INTERVALS DRILLED BY → NOTARY TOOLH → CABLE TOOLS →

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
 Greenriver C6 (4934-38) C5 (4827-32) D7 (5438-42) (5396-5400) 25. WAS DIRECTIONAL SURVEY MADE
 (4918-23) (4816-19) (5414-17) (5390-92)
 (4908-12) (5374-80) (6030-34) NO

26. TYPE ELECTRIC AND OTHER LOGS RUN 6-8-95 FMI-CBL 27. WAS WELL CORED NO
 GAMMA RAY-NEUTRON-DENSITY-Dual Induction-Microlog-Caliper

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES SIZE	CEMENTING RECORD	AMOUNT FILLED
8 5/8"	24#	434'	12 1/2"	225 SX	
5 1/2"	15.5#	6147'	7 7/8"	440 SX	

29. LINE RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	5480'	

31. PERFORATION RECORD (Interval, size and number)

4816-19'	2 spf (8 holes, 4" gun)
4827-32'	4 spf (24 holes, 4" gun)
4908-12'	2 spf (10 holes, 4" gun)
4918-23'	4 spf (24 holes, 4" gun)
4934-38'	4 spf (20 holes, 4" gun)
5201-05'	4 spf (28 holes, 4" gun) see attachment

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5374-5447'	frac w/27000 qd Borate, 100# 100 RES
	47600 20/40 sand, 28800 15/30 sand
5201-5206'	250 qd HCL, frac w/12852 qd Borate, see attachment

33. PRODUCTION

DATE FIRST PRODUCTION 11-3-95 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) rod pump 2 1/2" x 1 3/4" x 25' RHAC w/ 60 ring PA plunger WELL STATUS (Production or shut-in) producing

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'Y. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-27-95	24	--	→	38	60	22	1579

FLOW TESTING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
--	900	→	38	60	22	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel, sales TEST WITNESSED BY Dave Schreiner

35. LINE OF ATTACHMENT
 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
 SIGNED [Signature] TITLE Manager of Operations DATE 1-4-96

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

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RECEIVED JAN 8 1996

PETROGLYPH OPERATING COMPANY, INC.

P. O. Box 607

Roosevelt, UT 84066

(801) 722-2531

Fax: (801) 722-9145

Attachment Well Completion Report
Ute Tribal 16-5

31.

5374-80' 4 spf (28 holes, 4" gun)
5390-92' 4 spf (6 holes, 4" gun)
5396-5400' 4 spf (20 holes 4" gun)
5414-17' 2 spf (8 holes, 4" gun)
5438-42' 2 spf (10 holes, 4" gun)

32.

5201-06' continued

w/ K+ water, 1100# 100 mesh sand,
17200# 20/40 sand, 12300# 16/30
sand

cement squeeze w/50. sx (7 sx in D3)

4816-4938'

frac w/ 24192 gl Borate w/ K+ water,
1700# 100 mesh sand, 43800# 20/40
sand, 24000# 16/30 sand

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

5. Lease Designation and Serial No.
14-20-H62-3504

6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

14-20-H62-4650

8. Well Name and No.

Ute Tribal 16-5

9. API Well No.

43-013-31527

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.

6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SESE 708 FSL & 523 FEL
5-5S-3W**

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 well name change
 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.)*

In an effort to bring all of the existing wells and the anticipated wells to be drilled into a uniform numbering system, based on 40 acre locations, each well name will be changed to consist of its section location followed by the correct number of its well spot, based upon 16 wells per section.

Petroglyph Operating Company, Inc. would like to notify by subsequent report that the above referenced well name has been changed to **Ute Tribal 05-16**. This will be effective January 1, 1996.

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

Signed [Signature]

Title **President**

Date **1/25/96**

(This space for Federal or State office use)

Approved by _____ Title _____
Conditions of approval, if any:

Date _____

January 26, 1996

Ron Firth
State of Utah
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, UT 84180-1203

RE: Well Name Change for Wells in the Antelope Creek Field, Duchesne County, UT

Mr. Firth:

In an effort to bring all of the existing wells and wells to be drilled into a uniform numbering system, based on 40 acre locations and 16 wells per section, each well name will be changed to consist of its section location followed by the correct number of its well spot.

Enclosed please find sundry notices changing the well name for all wells located in Antelope Creek. We are making this change effective January 1, 1996. Also enclosed for your convenience is a list consisting of the "old" well names and the "new" well names.

Your assistance during this time of transition is greatly appreciated. If you have any questions regarding the enclosed information, please do not hesitate to contact me at (316) 665-8500.

Sincerely,



Angela R. Ely
Administrative Operations Manager

ARE/ms

Enclosures

pc: Dennis Ingram
Lisha Cordova

96WELLÇ.XLS

AgmtNbr	LeaseNbr	LeaseName	Old	New	API	Footage	Field	Town	Range	Sec	Qtr
14-20-H62-4650	14-20-H62-3509	Ute Tribal	1-10	10-12	43-013-30805	2001 FSL & 600 FWL	Antelope Creek	5S	3W	10	NWSW
14-20-H62-4650	14-20-H62-3510	Ute Tribal	1-15	15-04	43-013-30880	907 FNL & 515 FWL	Antelope Creek	5S	3W	15	NWNW
14-20-H62-4650	14-20-H62-3511	Ute Tribal	1-16	16-16	43-013-30804	505 FSL & 600 FEL	Antelope Creek	5S	3W	16	SESE
14-20-H62-4650	14-20-H62-4633	Ute Tribal	1-17	17-01	43-013-30790	638 FNL & 610 FEL	Antelope Creek	5S	3W	17	NENE
14-20-H62-4650	14-20-H62-3513	Ute Tribal	1-18	18-01	43-013-30761	550 FNL & 521 FEL	Antelope Creek	5S	3W	18	NENE
14-20-H62-4650	14-20-H62-3514	Ute Tribal	1-19	19-16	43-013-30803	556 FSL & 603 FEL	Antelope Creek	5S	3W	19	SESE
14-20-H62-4650	14-20-H62-3515	Ute Tribal	1-20	20-02	43-013-30764	404 FNL & 1539 FEL	Antelope Creek	5S	3W	20	NWNE
14-20-H62-4650	14-20-H62-3516	Ute Tribal	1-21	21-13	43-013-30883	611 FSL & 786 FWL	Antelope Creek	5S	3W	21	SWSW
14-20-H62-4650	14-20-H62-3517	Ute Tribal	1-28	28-05	43-013-30802	2583 FNL & 712 FWL	Antelope Creek	5S	3W	28	SWNW
14-20-H62-4650	14-20-H62-3518	Ute Tribal	1-29 inj	29-09 inj	43-013-30763	1324 FSL & 1160 FEL	Antelope Creek	5S	3W	29	NESE
14-20-H62-4650	14-20-H62-3502	Ute Tribal	1-3	03-13	43-013-30823	659 FSL & 659 FWL	Antelope Creek	5S	3W	3	SWSW
14-20-H62-4650	14-20-H62-3519	Ute Tribal	1-30	30-07	43-013-30852	1980 FNL & 1980 FEL	Antelope Creek	5S	3W	30	SWNE
14-20-H62-4650	14-20-H62-3520	Ute Tribal	1-31	31-02	43-013-30827	519 FNL & 1942 FEL	Antelope Creek	5S	3W	31	NWNE
14-20-H62-4650	14-20-H62-3521	Ute Tribal	1-32	32-08	43-013-30853	2100 FNL & 660 FEL	Antelope Creek	5S	3W	32	SENE
14-20-H62-4650	14-20-H62-3522	Ute Tribal	1-33	33-04	43-013-30806	723 FNL & 802 FWL	Antelope Creek	5S	3W	33	NWNW
14-20-H62-4650	14-20-H62-3503	Ute Tribal	1-4	04-01	43-013-30762	1331 FNL & 1277 FEL	Antelope Creek	5S	3W	4	NENE
14-20-H62-4650	14-20-H62-3504	Ute Tribal	1-5	05-07	43-013-30785	2430 FNL & 1777 FEL	Antelope Creek	5S	3W	5	SWNE
14-20-H62-4650	14-20-H62-3505	Ute Tribal	1-6	06-16	43-013-30793	833 FSL & 902 FEL	Antelope Creek	5S	3W	6	SESE
14-20-H62-4650	14-20-H62-3506	Ute Tribal	1-7	07-14	43-013-30788	559 FSL & 1957 FWL	Antelope Creek	5S	3W	7	SESW
14-20-H62-4650	14-20-H62-3507	Ute Tribal	1-8 inj	08-04 inj	43-013-30759	754 FNL & 888 FWL	Antelope Creek	5S	3W	8	NWNW
14-20-H62-4650	14-20-H62-3504	Ute Tribal	11-5	05-09	43-013-31468	2150 FSL & 639 FEL	Antelope Creek	5S	3W	5	NESE
14-20-H62-4650	14-20-H62-3517	Ute Tribal	12-28	28-12	43-013-31529	1861 FSL & 496 FWL	Antelope Creek	5S	3W	28	NWSW
14-20-H62-4650	14-20-H62-3503	Ute Tribal	12-4	04-12	43-013-31470	2000 FSL & 600 FWL	Antelope Creek	5S	3W	4	NWSW
14-20-H62-4650	14-20-H62-3507	Ute Tribal	12-5	05-11	43-013-31454	1856 FSL & 1457 FWL	Antelope Creek	5S	3W	5	NESW
14-20-H62-4650	14-20-H62-3507	Ute Tribal	13-8	08-13	43-013-31468	660 FSL & 660 FWL	Antelope Creek	5S	3W	8	SWSW
14-20-H62-4650	14-20-H62-3518	Ute Tribal	14-29	29-10	43-013-31475	1955 FSL & 2125 FEL	Antelope Creek	5S	3W	29	NWSE
14-20-H62-4650	14-20-H62-3504	Ute Tribal	14-5	05-14	43-013-31455	590 FSL & 1984 FWL	Antelope Creek	5S	3W	5	SESW
14-20-H62-4650	14-20-H62-3518	Ute Tribal	15-29	29-15	43-013-31530	649 FSL & 1831 FEL	Antelope Creek	5S	3W	29	SWSE
14-20-H62-4650	14-20-H62-3504	Ute Tribal	15-5	05-15	43-013-31461	990 FSL & 1900 FEL	Antelope Creek	5S	3W	5	SWSE
14-20-H62-4650	14-20-H62-3504	Ute Tribal	16-5	05-16	43-013-31527	708 FSL & 523 FEL	Antelope Creek	5S	3W	5	SESE
14-20-H62-4650	14-20-H62-3506	Ute Tribal	16-7	07-16	43-013-31463	440 FSL & 410 FEL	Antelope Creek	5S	3W	7	SESE
14-20-H62-4650	14-20-H62-3507	Ute Tribal	1A-8	08-01	43-013-31568	660 FSL & 660 FEL	Antelope Creek	5S	3W	8	NENE
14-20-H62-4650	14-20-H62-3509	Ute Tribal	2-10	10-03	43-013-31187	600 FNL & 1650 FWL	Antelope Creek	5S	3W	10	NENW
14-20-H62-4650	14-20-H62-3511	Ute Tribal	2-16	16-13	43-013-31166	750 FSL & 600 FWL	Antelope Creek	5S	3W	16	SWSW
14-20-H62-4650	14-20-H62-3513	Ute Tribal	2-18	18-08	43-013-30881	1929 FNL & 612 FEL	Antelope Creek	5S	3W	18	SENE
14-20-H62-4650	14-20-H62-3515	Ute Tribal	2-20	20-07	43-013-30882	1980 FNL & 1980 FEL	Antelope Creek	5S	3W	20	SWNE
14-20-H62-4650	14-20-H62-3518	Ute Tribal	2-29	29-16	43-013-30849	500 FSL & 600 FEL	Antelope Creek	5S	3W	29	SESE
14-20-H62-4650	14-20-H62-3502	Ute Tribal	2-3	03-14	43-013-31097	1050 FSL & 1980 FWL	Antelope Creek	5S	3W	3	SESW
14-20-H62-4650	14-20-H62-3520	Ute Tribal	2-31	31-03	43-013-31188	442 FNL & 2338 FWL	Antelope Creek	5S	3W	31	NENW
14-20-H62-4650	14-20-H62-3503	Ute Tribal	2-4 inj	04-07 inj	43-013-30879	2551 FNL & 1900 FEL	Antelope Creek	5S	3W	4	SWNE
14-20-H62-4650	14-20-H62-3504	Ute Tribal	2-5	05-13	43-013-30824	723 FSL & 588 FWL	Antelope Creek	5S	3W	5	SWSW
14-20-H62-4650		State	2-6	06-10	43-013-30891	2525 FSL & 1836 FEL	Antelope Creek	5S	3W	6	NW SE
14-20-H62-4650	14-20-H62-3506	Ute Tribal	2-7	07-01	43-013-30825	567 FNL & 706 FEL	Antelope Creek	5S	3W	7	SENE
14-20-H62-4650	14-20-H62-3507	Ute Tribal	2-8	08-05	43-013-30826	1980 FNL & 500 FWL	Antelope Creek	5S	3W	8	SWNW
14-20-H62-4650	14-20-H62-3508	Ute Tribal	2-9	09-01	430-13-30789	770 FNL & 1059 FEL	Antelope Creek	5S	3W	9	NENE
14-20-H62-4650	14-20-H62-3507	Ute Tribal	2A-8	08-02	43-013-31569	506 FNL & 1956 FEL	Antelope Creek	5S	3W	8	NWNE
14-20-H62-4650	14-20-H62-3513	Ute Tribal	3-18	18-03	43-013-31528	614 FNL & 1983 FWL	Antelope Creek	5S	3W	18	NENW

96WELLÇ.XLS

AgrmtNbt	LeaseNbr	LeaseName	Old	New	API	Footage	Field	Town	Range	Sec	Qtr
14-20-H62-4650	14-20-H62-3515	Ute Tribal	3-20	20-06	43-013-31175	2050 FNL & 1950 FWL	Antelope Creek	5S	3W	20	SENW
14-20-H62-4650	14-20-H62-3518	Ute Tribal	3-29	29-06	43-013-30850	1900 FNL & 1980 FWL	Antelope Creek	5S	3W	29	SENW
14-20-H62-4650	14-20-H62-3503	Ute Tribal	3-4	04-11	43-013-30878	1999 FSL & 1738 FWL	Antelope Creek	5S	3W	4	NESW
14-20-H62-4650	14-20-H62-3504	Ute Tribal	3-5 E3 inj	05-10 inj	43-013-30938	2068 FSL & 2093 FEL	Antelope Creek	5S	3W	5	NWSE
14-20-H62-4650	14-20-H62-3505	Ute Tribal	3-6	06-08	43-013-31189	2323 FNL & 691 FEL Lot # 9	Antelope Creek	5S	3W	6	SENE
14-20-H62-4650	14-20-H62-3506	Ute Tribal	3-7	07-08	43-013-30828	1864 FNL & 972 FEL	Antelope Creek	5S	3W	7	SENE
14-20-H62-4650	14-20-H62-3507	Ute Tribal	3-8	08-03	43-013-31101	505 FNL & 439 FWL	Antelope Creek	5S	3W	8	NENW
14-20-H62-4650	14-20-H62-4633	Ute Tribal	4-17	17-04	43-013-31464	697 FNL & 636 FWL	Antelope Creek	5S	3W	17	NWNW
14-20-H62-4650	14-20-H62-3513	Ute Tribal	4-18 inj	18-02 inj	43-013-31099	812 FNL & 1768 FEL	Antelope Creek	5S	3W	18	NWNE
14-20-H62-4650	14-20-H62-3518	Ute Tribal	4-29	29-04	43-013-30851	660 FNL & 660 FWL	Antelope Creek	5S	3W	29	NWNW
14-20-H62-4650	14-20-H62-3503	Ute Tribal	4-4	04-13	43-013-30848	807 FSL & 886 FWL	Antelope Creek	5S	3W	4	SWSW
14-20-H62-4650	14-20-H62-3504	Ute Tribal	4-5	05-08	43-013-31306	2500 FNL & 550 FEL	Antelope Creek	5S	3W	5	SENE
14-20-H62-4650	14-20-H62-3507	Ute Tribal	4-8	08-12	43-013-31164	2100 FSL & 515 FWL	Antelope Creek	5S	3W	8	NWSW
14-20-H62-4650	14-20-H62-3508	Ute Tribal	4-9	09-15	43-013-31165	550 FSL & 2000 FEL	Antelope Creek	5S	3W	9	SWSE
14-20-H62-4650	14-20-H62-3503	Ute Tribal	4A-4	04-04	43-013-31574	1205 FNL & 660 FWL Lot # 5	Antelope Creek	5S	3W	4	NWNW
14-20-H62-4650	14-20-H62-3513	Ute Tribal	5-18 inj	18-09 inj	43-013-31180	2151 FSL & 667 FEL	Antelope Creek	5S	3W	18	NESE
14-20-H62-4650	14-20-H62-3518	Ute Tribal	5-29 E3	29-07	43-013-30939	1969 FNL & 2093 FEL	Antelope Creek	5S	3W	29	SWNE
14-20-H62-4650	14-20-H62-3503	Ute Tribal	5-4	04-05	43-013-31462	1969 FNL & 660 FWL Lot # 12	Antelope Creek	5S	3W	4	SWNW
14-20-H62-4650	14-20-H62-3507	Ute Tribal	5-8 inj	08-06 inj	43-013-31307	1550 FNL & 1550 FWL	Antelope Creek	5S	3W	8	SENW
14-20-H62-4650	14-20-H62-3518	Ute Tribal	6-29	29-08A	43-013-31305	2600 FNL & 600 FEL	Antelope Creek	5S	3W	29	SENE
14-20-H62-4650	14-20-H62-3503	Ute Tribal	6-4	04-14	43-013-31100	660 FSL & 2000 FWL	Antelope Creek	5S	3W	4	SESW
14-20-H62-4650	14-20-H62-3513	Ute Tribal	6A-4	04-06	43-013-31526	2427 FNL & 2028 FWL Lot # 11	Antelope Creek	5S	3W	4	SENW
14-20-H62-4650	14-20-H62-3513	Ute Tribal	7-18	18-07	43-013-31533	2236 FNL & 1855 FEL	Antelope Creek	5S	3W	18	SWNE
14-20-H62-4650	14-20-H62-3518	Ute Tribal	7-29	29-08B	43-013-31339	2675 FNL & 725 FEL	Antelope Creek	5S	3W	29	NESE
14-20-H62-4650	14-20-H62-3517	Ute Tribal	11-28	28-11	43-013-31575	2171 FSL & 2107 FWL	Antelope Creek	5S	3W	28	NESE
14-20-H62-4650	14-20-H62-3513	Ute Tribal	10-18	18-10	43-013-31595	1954 FSL & 1894 FWL	Antelope Creek	5S	3W	18	NWSE
14-20-H62-4650	14-20-H62-3517	Ute Tribal	13-28	28-13	43-013-31576	712 FSL & 553 FWL	Antelope Creek	5S	3W	28	SWSW
14-20-H62-4650	14-20-H62-3517	Ute Tribal	6-28	28-06	43-013-31577		Antelope Creek	5S	3W	28	SENW
14-20-H62-4650	14-20-H62-3521	Ute Tribal	1A-32	32-01	43-013-31577	759 FNL & 502 FEL	Antelope Creek	5S	3W	32	NENE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FDM 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

3. Lease Designation and Serial No.
14-20-H62-2504
6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE

7. If Unit or SA, Agreement Designation
14-20-H62-4650

Type of Well
 Oil Well Gas Well Other

8. Well Name and No. 05-16
Ute Tribal 16-5

2. Name of Operator
Petroglyph Operating Company, Inc.

9. API Well No.
43-013-31527

3. Address and Telephone No.
6209 N. Highway 61 Hutchinson, KS 67502 (315) 665-8500

10. Field and Pool, or Exploratory Area
Antelope Creek

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

705' PSL & 523' PSL
SE SE Sec. 5-T5S-R3W

11. County or Parish, State
Duchesne County, Utah

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
- Recommission
- Plugging Back
- Casing Repair
- Alleviating Casing
- Over completion in progress
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

5. Specific 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 azimuth, bearings and measured and true vertical depths for all markers and zones pertinent to this work.)

Completion in progress.

FEB - 1 1995

RECEIVED
NOV 20 1995

Don M. Lindsey
Signature

Title Manager of Operations

Date 10-27-95

NOTED

Title

Date NOV 28 1995

OPERATION

*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

5. Lease Designation and Serial No.
14-20-H52-2504

6. If Indian, Allotment or Trade Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE

7. If Unit or EA, Agreement Designation

14-20-H52-4550

8. Well Name and No.

Ute Tribal 16-5

9. API Well No.

43-013-31527

10. Field and Pool, or Exploratory Area

Antelope Creek

11. County or Parish, State

Duchesne County, Utah

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Pennsylvania Operating Company, Inc.

3. Address and Telephone No.
5209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

4. Location of Well (Tract, Sec., T., R., M., or Survey Description)

708' P6L & 523' P6L
SE SE Sec. 5-T5S-R3W

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
- Renovation
- Plugging Back
- Casing Repair
- Alining Casing
- Under completion in progress
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

5. 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 magnetic azimuth and measured and true vertical depth for all sections and show pertinent to this work.)

Completion in progress.

NOV 20 1995

Don M. Lindsay
Signature of Operator

Title: Manager of Operations

Date: 10-20-95

NOTED

Title: _____

Date: NOV 28 1995

OPERATOR

*See instruction on Reverse Side

RECEIVED DEC 9 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Houder Bureau No. 1004-0135
Issue: 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

1. Type of well
 Oil well Gas well Other

2. Name of Operator
 Pennsylvan Operating Company, Inc.

3. Address and Telephone No.
 8209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 708' PSL & 523' FEL
 SE SE Sec. 5-T5S-R3W

5. Lease Description and Serial No.
 14-20-H52-3504

6. If Indian, Name of Tribe
 Ute Indian Tribe

7. If Unit or CA, Agreement Designation
 14-20-H52-4650

8. Well Name and No.
 Ute Tribal 16-5

9. API Well No.
 43-013-31527

10. Field and Pool, or Exploratory Area
 Antelope Creek

11. County or Parish, State
 Duchesne County, Utah

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"/> Renovation
<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"/> Under completion in progress
	<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

5. Details of 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 azimuth, inclination, and measured and true vertical depth for all markers and exact pertinent to this work.)

Completion in progress.

Signature: *Don M. Lindsey*
 Title: Manager of Operations
 Date: 10-13-95

NOTED

Date: NOV 28 1995

RECEIVED
NOV 20 1995

OPERATOR

RECEIVED DEC 04 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993
3. Lease Designation and Serial No.
14-20-252-2504
6. If Indian, Name of Tribe Name
Ute Indian Tribe

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

1. Type of Well:
 Oil Well Gas Well Other

2. Name of Operator
 Pennocklynn Operating Company, Inc.

3. Address and Telephone No.
 6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-2500

4. Location of Well (Tract, Sec., T., R., M., or Survey Description)
 708' P2L & 523' P2L
 SE SE Sec. 5-T5S-R3W

7. If Unit or CA, Agreement Designation
 14-20-252-4650

8. Well Name and No.
 Ute Tribal 16-5

9. API Well No.
 43-013-31527

10. Field and Pool, or Exploratory Area
 Antelope Creek

11. County or Parish, State
 Duchesne County, Utah

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
- Alining Casing
- Other completion in progress
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completions on Well Completion or Abandonment Report and Log forms.)

5. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work. If well is directionally drilled, give azimuth, inclination and measured and true vertical depths for all sections and those pertinent to this work.)

Completion in progress.

FEB - 1995

RECEIVED
NOV 20 1995

I hereby certify that the foregoing is true and correct
 Date 10-6-95
 Title Manager of Operations
 Name Dan M. Lindsey

I am hereby notified of the contents of this report, and I agree with the contents of the report, if any.
 Date NOV 28 1995
 Title _____
 Name _____

NOTED

11 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 to any officer within its jurisdiction.

OPERATOR

*See instruction on Reverse Side

DECEMBER 1995

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

5. Lease Designation and Serial No.
14-20-H62-3504
6. If Indian, Name of Tribe
Ute Indian Tribe

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

7. If Unit or CA, Agreement Designation

14-20-H62-4650

2. Name of Operator
Petroglyph Operating Company, Inc.

8. Well Name and No.
Ute Tribal 16-5

3. Address and Telephone No.
5209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

9. API Well No.
43-013-31527

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
708' PSL & 523' FEL
SE SE Sec. 5-T5S-R3W

10. Field and Pool, or Exploratory Area
Antelope Creek
11. County or Parish, State
Duchesne County, Utah

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
- Renovation
- Plugging Back
- Casing Repair
- Altering Casing
- Other waiting on completion
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

Waiting on completion.

NOV - 14 1995

RECEIVED
NOV 20 1995

I hereby certify that the foregoing is true and correct
Don M. Lindsey
NOTED

Title Manager of Operations

Date 9-29-95

Title _____

Date NOV 28 1995

OPERATOR

*See instruction on Reverse Side

RECEIVED DEC 04 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expiry: 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

4. Lease Designation and Serial No.
14-20-H62-2504

6. If Indian, Name of Tribe Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

14-20-H62-4650

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
Ute Tribal 16-5

2. Name of Operator
Pennsylvania Operating Company, Inc.

9. API Well No.
43-013-31527

3. Address and Telephone No.
6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500

10. Field and Pool, or Exploratory Area
Antelope Creek

5. Location of Well (Produce, Sec., T., R., M., or Survey Description)

708' PSD & 523' FSL
SE SE Sec. 5-T5S-R3W

11. County or Parish, State
Duchesne County, Utah

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
- Resuspension
- Plugging Back
- Casing Repair
- Alining Casing
- Case waiting on completion
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

6. 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 azimuth, bearings and measured and true vertical depths for all markers and total pertinent to this work.)

Waiting on completion.

FEB - 1 1995

RECEIVED
NOV 20 1995

Title Manager of Operations

Date 9-22-95

NOTED

Title _____

Date NOV 28 1995

OPERATOR

*See instruction on Reverse Side

RECEIVED NOV 28 1995

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

5. Lease Designation and Serial No.
14-20-H62-3504

6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

14-20-H62-4650

8. Well Name and No.

Ute Tribal 16-5

9. API Well No.

43-013-31527

10. Field and Pool, or Exploratory Area

Antelope Creek

11. County or Parish, State

Duchesne County, Utah

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Petroglyph Operating Company, Inc.

3. Address and Telephone No.
6209 N. Highway 61 Hutchinson, KS 67502 (216) 665-8500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
708' FSL & 523' FEL
SE SE Sec. 5-T5S-R3W

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 waiting on completion
- 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.)

5. 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.)

Waiting on completion.

SEP 15 1995

I hereby certify that the foregoing is true and correct

Signature: *Dave M. Lindsey*

Title: Manager of Operations

Date: 9-15-95

(Space for Federal or State office use)

Approved by
Conditions of approval, if any:

Title

Date

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

RECEIVED SEP 25 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

RECEIVED
JUL 08 1996
DIV. OF OIL, GAS & MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

b. TYPE OF COMPLETION:
 NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. REST. Other

2. NAME OF OPERATOR
Petroglyph Operating Company, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 1839 Hutchinson, KS 67504-1839 (316) 665-8500

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 708' FSL & 523' FEL
 At top prod. interval reported below
 At total depth 6190'

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-3504

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

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

8. FARM OR LEASE NAME
Ute Tribal

9. WELL NO.
05-16

10. FIELD AND POOL, OR WILDCAT
Antelope Creek

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA
Sec. 5-T5S-R3W

14. PERMIT NO. 43-013-31527 DATE ISSUED

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUDDED 5-24-95 16. DATE T.D. REACHED 6-2-95 17. DATE COMPL. (Ready to prod.) 4-12-96 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6059'KB 6049'GL 19. ELEV. CASINGHEAD 6049'

20. TOTAL DEPTH, MD & TVD 6190' RTD 21. PLUG, BACK T.D., MD & TVD 6088'

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 C6 (4934-38, 4918-23, 4908-12)

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN 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#	434'	12-1/2"	225 SX	
5-1/2"	15.5#	6147'	7-7/8"	440 SX	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5480'	

31. PERFORATION RECORD (Interval, size and number)

4934-38 4 spf (20 holes, 4" gun)
 4918-23 4 spf (24 holes, 4" gun)
 4908-12 4 spf (10 holes, 4" gun)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4934-4912	Frac w/ 5500 gal YF 135, 7000 gal YF 130, 1100# 100 mesh, 20520# 20/40, 5000# 16/30

33.* PRODUCTION

DATE FIRST PRODUCTION 11/3/95 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) rod pump 2 1/2 x 1-3/4" x 25' RHAC w/ 60 ring PA plngr WELL STATUS (Producing or shut-in) producing

DATE OF TEST 4/25/96 HOURS TESTED 24 CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. 350 CASINO PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS

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

SIGNED Roger J. Salina TITLE General Manager of Utah Opns DATE 6/2/96

*(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 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.

7/2/96

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
C6	4907					

PETROGLYPH Operating Company, Inc.

6209 North Highway 61, Hutchinson, Kansas 67502 • P.O. Box 1839, Hutchinson, Kansas 67504-1839



VIA FACSIMILE (303) 359-3940

March 25, 1996

Ron Firth
State of Utah
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, UT 84180-1203

Mr. Firth:

Please let this notice serve as a request from Petroglyph Operating Company, Inc. for your agency to keep all log information in a "TIGHT HOLE" confidential status for a period of two (2) years.

If you have any questions, please do not hesitate to contact me at (316) 665-8500.

Sincerely,

Angela R. Ely
Angela R. Ely
Administrative Operations Manager

→ DOGM can only allow 1yr. by rule

ARE/ms

Form 3160-4 (November 1983) (formerly 9-330)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved. Budget Bureau No. 1004-0137 Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [] GAY [] Other []

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [] DEEP EN [] PLUG BACK [] DEEP. RESEV. [] Other []

2. NAME OF OPERATOR: Petroglyph Operating Company, Inc.

3. ADDRESS OF OPERATOR: P.O. Box 1839 Hutchinson, KS 67502 (316) 665-8500

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 708' FSL & 523' FEL

At top prod. interval reported below

At total depth 6190 RTD'

14. PERMIT NO. 43-013-31527 DATE ISSUED

5. LEASE DENOMINATION AND SERIAL NO. 14-20-H62-3504

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

7. TRIT AGREEMENT NAME

8. FARM OR LEASE NAME: Ute Tribal

9. WELL NO. 16-5-05-16

10. FIELD AND POOL, OR WILDCAT: Antelope Creek

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 5-T5S-R3W

12. COUNTY OR PARISH: Duchesne

13. STATE: UT

15. DATE SPUDDED 5-24-95 16. DATE T.D. REACHED 6-2-95 17. DATE COMPL. (Ready to prod.) 11-3-95 18. ELEVATIONS (DF, RNB, RT, GL, ETC.)- KB 6059' GL 6049' 19. ELEV. CASINGHEAD 6049

20. TOTAL DEPTH, MD & TVD 6190' RTD 21. PLUG. BACK T.D., MD & TVD 6088 22. IF MULTIPLE COMPL. HOW MANY? 23. INTERVALS DRILLED BY 24. ROTARY TOOLS 25. CASING TOOLS

26. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* Greenriver C6 (4934-38) C5 (4827-32) D7 (5438-42) (5396-5400) (5414-17) (5390-92) (5374-80) (6030-34) 27. WAS DIRECTIONAL SURVEY MADE? NO

28. TYPE ELECTRIC AND OTHER LOGS RUN: GAMMA RAY-NEUTRON-DENSITY-Dual Induction-Microlog-Caliper FMI-CBL 29. WAS WELL CORAL? NO

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

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 8 5/8" 24# 434' 12 1/2" 225 SX and 5 1/2" 15.5# 6147' 7 7/8" 440 SX.

31. LINER RECORD and 32. TUBING RECORD. LINER RECORD columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD). TUBING RECORD columns: SIZE, DEPTH SET (MD), PACKER SET (MD). Rows include 2 7/8" 5480'.

33. PERFORATION RECORD (Interval, size and number) and 34. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Perforation record lists intervals like 4816-19' 2 spf (8 holes, 4" gun). Acid record lists intervals like 5374-5442' frac w/27000 qt Borate.

35. PRODUCTION. Table with columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, MOUNS TESTED, CHOKER SIZE, PROD'N. FOR TEST PERIOD, OIL-DBL., GAS-MCF., WATER-HBL., GAS-OIL RATIO. Rows include 11-3-95 rod pump 2 1/4" x 3/4" x 25' RHAC w/ 60 ring PA plunger producing and 11-27-95.

36. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel, sales. TEST WITNESSED BY Dave Schreiner

37. LIST OF ATTACHMENTS

38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED: [Signature] TITLE: Manager of Operations DATE: 1-4-96

(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 and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED JAN 8 1996

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch	4054'					
Douglas Creek Marker	4731'					
'B' Limestone	5119'					
Castle Peak	5672'					

PETROGLYPH OPERATING COMPANY, INC.

P. O. Box 607

Roosevelt, UT 84066

(801) 722-2531

Fax: (801) 722-9145

Attachment Well Completion Report
Ute Tribal 16-5

31.

5374-80' 4 spf (28 holes, 4" gun)
5390-92' 4 spf (6 holes, 4" gun)
5396-5400' 4 spf (20 holes 4" gun)
5414-17' 2 spf (8 holes, 4" gun)
5438-42' 2 spf (10 holes, 4" gun)

32.

5201-06' continued

w/ K+ water, 1100# 100 mesh sand,
17200# 20/40 sand, 12300# 16/30
sand

cement squeeze w/50. sx (7 sx in D3)

4816-4938'

frac w/ 24192 gl Borate w/ K+ water,
1700# 100 mesh sand, 43800# 20/40
sand, 24000# 16/30 sand

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

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-H62-3504
2. Name of Operator Petroglyph Operating Company, Inc.	6. If Indian, Allottee or Tribe Name Ute Indian Tribe
3. Address and Telephone No. P.O. Box 1839 Hutchinson, KS 67504-1839 (316) 665-8500	7. If Unit or CA, Agreement Designation 14-20-H62-4650
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SE SE Sec. 5-T5S-R3W 708' FSL & 523' FEL	8. Well Name and No. Ute Tribal 05-16
	9. API Well No. 43-013-31527
	10. Field and Pool, or Exploratory Area Antelope Creek
	11. County or Parish, State Duchesne, Utah

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

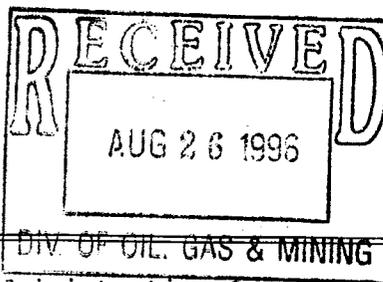
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input checked="" 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.)*

Petroglyph Operating Company, Inc. has submitted an application for a UIC permit to convert the Ute Tribal 05-16 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. Petroglyph requests approval to convert the Ute Tribal 05-16 to an injection well.

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



CONFIDENTIAL

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

Signed *Arzack Ely* Title Administrative Operations Manager Date 8/23/96

(This space for Federal or State office 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 within its jurisdiction.

OPERATOR Petroglyph Operating Co., Inc.
 ADDRESS P.O. Box 1839
Hutchinson, KS 67504-1839

OPERATOR ACCT. NO N3800

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	09785	11871	43-013-31527	Ute Tribal 05-16	SESE	5	5S	3W	Duchesne	5-24-95	
WELL 1 COMMENTS: This well shares common tank battery with Ute Tribal 08-01											
WELL 2 COMMENTS: <i>Entity chgd 10-25-96. Lee</i>											
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 K. Bell
 Signature Deanna K. Bell
 Operations Coordinator 9-6-96
 Title Date
 Phone No. (801) 722-2531

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Designation and Serial No.
14-20-H62-3504

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 # 05-16

9. API Well No.
43-013-31527

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)
**708' FSL & 523' FEL
SE SE Section 5-T5S-R3W**

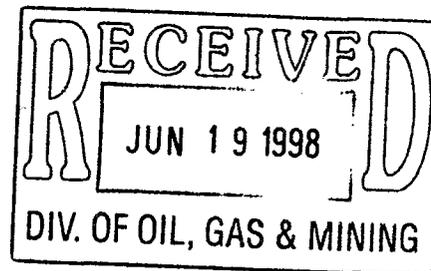
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 Commence injection
	<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 #UT2736-04327), enclosed are copies of the MIT and Job Summary. Injection commenced on 7/25/97.



14. I hereby certify that the foregoing is true and correct
Signed Kathy Turner Title Petroleum Engineering Tech Date June 8, 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 UT2736-04322

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 06/10/1996.

EPA Witness: _____ Date 3/10/97
 Test conducted by: Rance Passmussen 05-16
 Others present: _____

UTE TRIBAL ANTELOPE CREEK Petroglyph Operating Company, Inc.,	NENE Hutchinson, KS	as of Op ID PTG01
Last MIT: No record / /		
Max Allowed Press psig	199	Max Reported Press 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 1850 psig
 Does the annulus pressure build back up? Yes No

TUBING PRESSURE						
Initial	0 psig	psig	psig			
End of Test	0 psig	psig	psig			
CASING/TUBING ANNULUS PRESSURE						
Time	Test #1	Test #2	Test #3			
0 min	<u>1850</u> psig	psig	psig			
5	<u>1850</u>					
10	<u>1850</u>					
15 min	<u>1850</u>					
20	<u>1850</u>					
25	<u>1850</u>					
30 min	<u>1850</u>					
<u>19 hours</u>	<u>1825</u>					
Result (circle)	Pass	Fail	Pass	Fail	Pass	Fail

WORKOVER REPORT

5/14/98

Petroglyph Operating Co., Inc.

Operator: Petroglyph Operating Company, Inc.		Elevation: KB 6059
Lease: Ute Tribal 05-16		GL 6049
API #: 43-013-31527	Property: 50063	
Location: 5 - 5 S - 3 W		AFE/EPE Number: 41291
County, St.: Duchesne - UT	Event Type: convert to injector	

Activity Date	Activity Description
---------------	----------------------

3/7/97

Open well. SICP & SITP @ 0 psi. POOH w/ 2-3/8" tbg (151 jts) brkg ea middle connection. Clean & apply Teflon base dope. LD scrapper & bit. MU Mtn States Arrow Set I prod'n pkr & 4' x 2-3/8" sub & 2-3/8" F nipple. RIH on 151 jts of 2-3/8" tbg. Cleaning & apply Teflon base dope. Strip off BOPs & hand tbg on hanger & set in WH.

RU pump & lines. Fill annulus w/ 85 bbls FW w/ one (1) drum Cortron R-2383 pkr fluid. Rem hanger & set pkr & land tbg w/ 12000# tension w/ pkr elements @ 4771'. Install seals & cap w/ remaining 5 bbls pkr fluid. Fill annulus & press up to 2000 psi. Install chart recorder for MIT. RD pump & lines & leave psi on csg for MIT. Will rig dwn serv rig on 3-10-97. FINAL REPORT.

TUBING DETAIL

KB	10.00	
2-3/8" 4.7# J55 tbg (151 jts)	4748.52	
2-3/8" F nipple	.85	4758.52
2-3/8" x 4' sub	4.00	
5 1/2" Arrow Set I pkr	5.75	
EOT		4769.12

3/6/97

Open well. SICP & SITP @ 50 psi. Bleed off press. XO to 2-7/8" tbg equip. ND surf equip & WH equip. Rel B2 TAC. Strip on XO flange & BOPs. POOH & LD 2-7/8" tbg. XO to 2-3/8" tbg.

PU & RIH w/ 5 1/2" csg scrapper & 4-3/4" bit & 2-3/8" tbg (175 jts) to ± 5512'. RU & rev circ well w/ 210 bbls prod'n wtr. Pump 70 bbls to brk circ. Circ ± 50 bbls of oil to tank & lost ± 88 bbls to form. Circ @ 950 psi @ 4.2 bpm. Allow csg to bleed off. Single dwn 24 jts to get scrapper above perfs @ 4757' & SWIFN.

3/5/97

MIRU Serv Rig & equip. RD surf equip. Pull pump off seat & flush w/ 35 bbls prod'n wtr @ 290°F @ 1 1/2 bpm @ 0 psi. POOH w/ 31 rods, some w/ clip-on guides. Rods started dragging & stopped. Would not go up or dwn. Attempt to flush rod while working rods. Still no movement. Tbg press up @ 12 bbls.

RU back off tool & while attempting to back off rods @ 22000# tension lost 6000#. Pulled to 22000# & rotated rods & rods started to move @ 18000#. Pulled 4 rods & freed up. Finish POOH & LD rod string & pump. Found travel rod stuck in out position on pump. SWIFN.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-3504
---	---

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

1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: UTE TRIBAL 05-16
--	---

2. NAME OF OPERATOR: PETROGLYPH OPERATING CO	9. API NUMBER: 43013315270000
--	---

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

4. LOCATION OF WELL FOOTAGES AT SURFACE: 0708 FSL 0523 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 05 Township: 05.0S Range: 03.0W Meridian: U	COUNTY: DUCHESNE STATE: UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/29/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

On or around 5/29/2013, depending on equipment availability, we intend to acidize the existing perforations on the above referenced well. This work is being done to improve the injection rates. We will isolate zones using a plug and packer and acidize through a dedicated tubing string. We will pump 15% Hcl followed by a fresh water over flush, volumes will be reported at a later date. We also plan on reperforating some existing perforations along with the C6: 4908-12, 4918-23, 4934-38, which was previously squeezed. Perforations will be made using Titan 3-1/8" Perf guns containing 22.7 gram charges, 0.42"EHD, 23.54"TTP @ 4 spf @ 120* phased. The well will then be swabbed to a neutral PH, and we will run a new Arrowset 1 Packer and perform an MIT. We will resume injection once we receive the appropriate approval.

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

Date: May 29, 2013

By: *Dark Quist*

NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A		DATE 5/24/2013

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: INDIAN
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: ANTELOPE CREEK
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		8. WELL NAME and NUMBER: UTE TRIBAL 05-16
3. ADDRESS OF OPERATOR: 960 Broadway Avenue, Ste 500 , Boise, ID, 83703		9. API NUMBER: 43013315270000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0708 FSL 0523 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 05 Township: 05.0S Range: 03.0W Meridian: U		9. FIELD and POOL or WILDCAT: ANTELOPE CREEK
		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/13/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

On 5/29/2013 Petroglyph Operating Company rigged up on the well referenced above to address a loss of mechanical integrity. After releasing the packer and scan logging tubing on the way out, we found the well would benefit from an acid treatment through the existing perforations. We made a bit and scraper run past all existing perforations and circulated the well. Using a BVBP and a packer for isolation we acidized the following: Zone1: 5374-5448: 750 gal 15% Hcl followed by a 23 Bbl fresh water overflush. Zone 2: 4816-4832: 500 gal 15% Hcl followed by a 23 Bbl fresh water overflush. We replaced 26 joints of tubing and ran in hole with a new Arrowset 1 Packer. We pressure tested tubing to 3500#'s BHP and performed an MIT on the casing to 1900# with no loss. No perforations were re-shot as previously planned.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
June 19, 2013**

NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A	DATE 6/17/2013	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 6.17.13
 Test conducted by: BOYD COOK
 Others present: _____

Well Name: 05-16 Type: ER SWD Status: AC TA UC
 Field: ANTELOPE CREEK
 Location: 05-16 Sec: T N/S R B/W County: DUCHESNE State: UT
 Operator: PETROGLYPH ENERGY
 Last MIT: / / Maximum Allowable Pressure: _____ 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? Yes No
 If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING PRESSURE				
Initial Pressure	<u>720</u> psig			
End of test pressure	<u>720</u> psig			
CASING / TUBING ANNULUS PRESSURE				
0 minutes	<u>1935</u> psig			
5 minutes	<u>1935</u> psig			
10 minutes	<u>1935</u> psig			
15 minutes	<u>1935</u> psig			
20 minutes	<u>1935</u> psig			
25 minutes	<u>1935</u> psig			
30 minutes	<u>1935</u> psig			
<u>2 1/2 hours</u> minutes	<u>1935</u> psig			
minutes	psig			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

JUL 03 2013

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JUL 11 2013

DIV. OF OIL, GAS & MINING

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2599-7884
RETURN RECEIPT REQUESTED

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

SS 3W 5

Re: Underground Injection Control (UIC)
Permission to Resume Injection
Ute Tribal 05-16 Well
EPA Well ID # UT20736-04327
API # 43-013-31527
Antelope Creek Oil Field
Duchesne County, UT

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Dear Mr. Farnsworth:

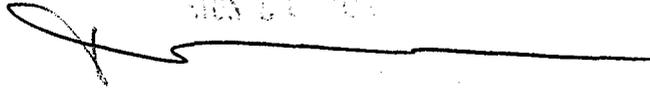
On June 19, 2013, the Environmental Protection Agency (EPA) received information from Petroglyph Operating Company, Inc. on the above referenced well concerning the workover to address a loss of mechanical integrity and the followup mechanical integrity test (MIT) conducted on June 13, 2013. The data submitted shows that the well passed the required MIT. 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 MIT will be due on or before June 13, 2018.

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, Director
UIC/FIFRA/OPA Technical Enforcement Programs

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

Reannin Tapoof, Assistant
Uintah & Ouray Business Committee
P.O. Box 190
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Manuel Myore, Director of Energy,
Minerals and Air Programs
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

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



bcc: Randy Brown (8P-TA)



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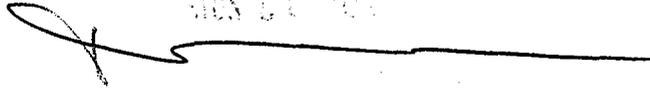
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