

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
 PETROGLYPH OPERATING CO., INC.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface ²⁰¹ 660' FSL & ¹⁰¹ 660' FWL Lot 4
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 16.5 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) 660'±

16. NO. OF ACRES IN LEASE 617.20

17. NO. OF ACRES ASSIGNED TO THIS WELL 80

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 6248.3'

19. PROPOSED DEPTH 6248.3'

20. ROTARY OR CABLE TOOLS ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5903.8' GRADED GROUND

22. APPROX. DATE WORK WILL START* OCTOBER 1997

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-4736

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

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

9. API WELL NO.
 #33-13-D3

10. FIELD AND POOL, OR WILDCAT
 ANTELOPE CREEK

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
 SEC. 33, T4S, R3W

12. COUNTY OR PARISH DUCHESNE

13. STATE UTAH

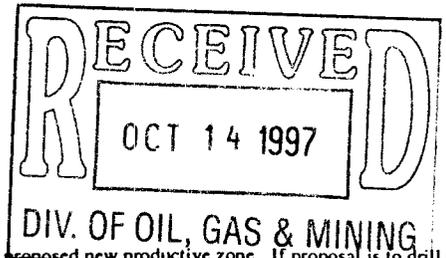
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23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	250'	135 sx class "G" + 2% CaCl ₂ + 1/4 #/sx celloflake. 50/50 POZMIX + 2% GEL + 10% SALT TO 400' ABOVE ALL ZONES OF INTEREST (+10% EXCESS). LIGHT CEMENT (11 PPG±) + LCM TO 200' ABOVE OIL SHALE OR FRESH WATER INTERVALS (+5% EXCESS).
7 7/8"	5 1/2"	15.5#	6248.3'	

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

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



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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 [Signature] TITLE AGENT FOR PETROGLYPH DATE 10-3-97

(This space for Federal or State office use)

PERMIT NO. 43-013-31958 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 Associate Director DATE 10/27/97

*See Instructions On Reverse Side

T4S, R3W, U.S.B.&M.

PETROGLYPH OPERATING CO., INC.

Well Location, UTE TRIBAL #33-13-D3, located as shown in Lot 4 of Section 33, T4S, R3W, U.S.B.&M. Duchesne County, Utah.

S89°55'W - 80.50 (G.L.O.)

Pile of Stones, 5/8" Rebar

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 33, T4S, R3W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5838 FEET.

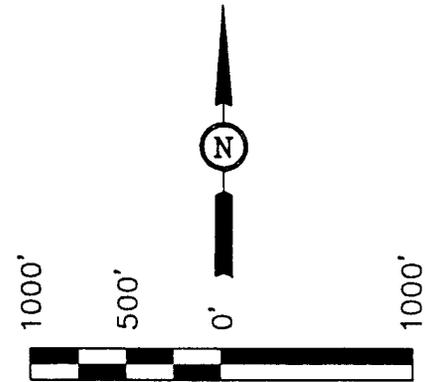
S00°03'E - 40.00 (G.L.O.)

N00°19'08"W - 2638.37' (Meas.)

NOTE:
BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SECTION 5, T5S, R3W, U.S.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°02'E

Pile of Stones, Set 5/8" Rebar

Pile of Stones, Set 5/8" Rebar



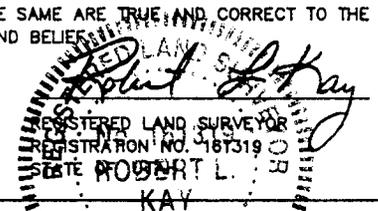
SCALE

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.

Revised: 9-11-97 C.B.T.

Corner Re-established Mathematically



N00°00'10"E - 2453.70' (Meas.)

N01°57'14"W - 2434.44' (Meas.)

Lot 4

Lot 3

Lot 2

Lot 1

UTE TRIBAL #33-13-D3

Elev. Ungraded Ground - 5904'

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

N89°42'09"E
424.66'

A.P. Pile of Stones

A.P. Pile of Stones

N89°54'41"E - 5305.35' (Meas.)

S89°55'15"W
379.48'

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

○ A.P. = ANGLE POINT

△ = Section Corners Re-established Mathematically. (Not Set on Ground)

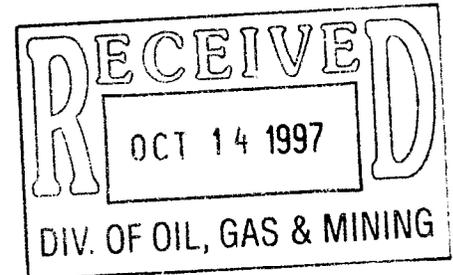
UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - TRENCH, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 7-15-97	DATE DRAWN: 7-17-97
PARTY D.A. K.H. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE PETROGLYPH OPERATING CO., INC.	

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

October 3, 1997

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



RE: APPLICATION FOR PERMIT TO DRILL
UTE TRIBAL #33-13-D3
Lot 4, SEC. 33, T4S, R3W
DUCHESNE COUNTY, UTAH
LEASE NO. 14-20-H62-4736
SURFACE OWNER: Elmer R. and
Arwella P. Moon

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

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

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

Sincerely,

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

Ed Trotter
Agent

Petroglyph Operating Co., Inc.

Attachments

/EHT/dmt



EIGHT POINT PLAN

**UTE TRIBAL #33-13-D3
Lot 4, SEC. 33, T4S R3W
DUCHESNE COUNTY, UTAH**

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

FORMATIONS	DEPTH	SUBSEA
Mahogany Shale	3006.3	2907
"X" Marker	4631.3	1282
Douglas Creek	4774.3	1139
"B" Limestone	5168.3	745
B/Castle Peak Limestone	5757.3	156
Basal Carbonate Limestone	6138.3	-225
Total Depth	6248.3	-335

Anticipated BHP 2000 psi

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

Substance	Formation	Depth	Subsea
Oil/Gas	Douglas Creek	4774.3	1139
Oil/Gas	B/Castle Peak	5757.3	156
Other mineral zones	N/A		

3. PRESSURE CONTROL EQUIPMENT : BOP Schematic Diagram attached.

4. CASING PROGRAM :

HOLE SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	MINIMUM SAFETY FACTOR		
						COLLAPSE	BURST	TENSILE
12 1/4	0' - 250'	250'	8 5/8	24.0 #	J-55	1370 PSI	2950 PSI	263,000#
7 7/8	0' - 6248.3'	6248.3'	5 1/2	15.5 #	M-50	3650 PSI	4550 PSI	186,000#

All casing will be new or inspected.

EIGHT POINT PLAN

UTE TRIBAL #33-13-D3
Lot 4, SEC. 33, T4S R3W
DUCHESNE COUNTY, UTAH

5. MUD PROGRAM

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

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

6. VARIANCE REQUESTS:

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

7. EVALUATION PROGRAM:

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

Cores: None Programmed
DST: None Programmed

Completion: To be submitted at a later date.

8. ABNORMAL CONDITIONS:

None anticipated.

EIGHT POINT PLAN

UTE TRIBAL #33-13-D3
Lot 4, SEC. 33, T4S R3W
DUCHESNE COUNTY, UTAH

9. STANDARD REQUIRED EQUIPMENT:

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

10. HAZARDOUS CHEMICALS:

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

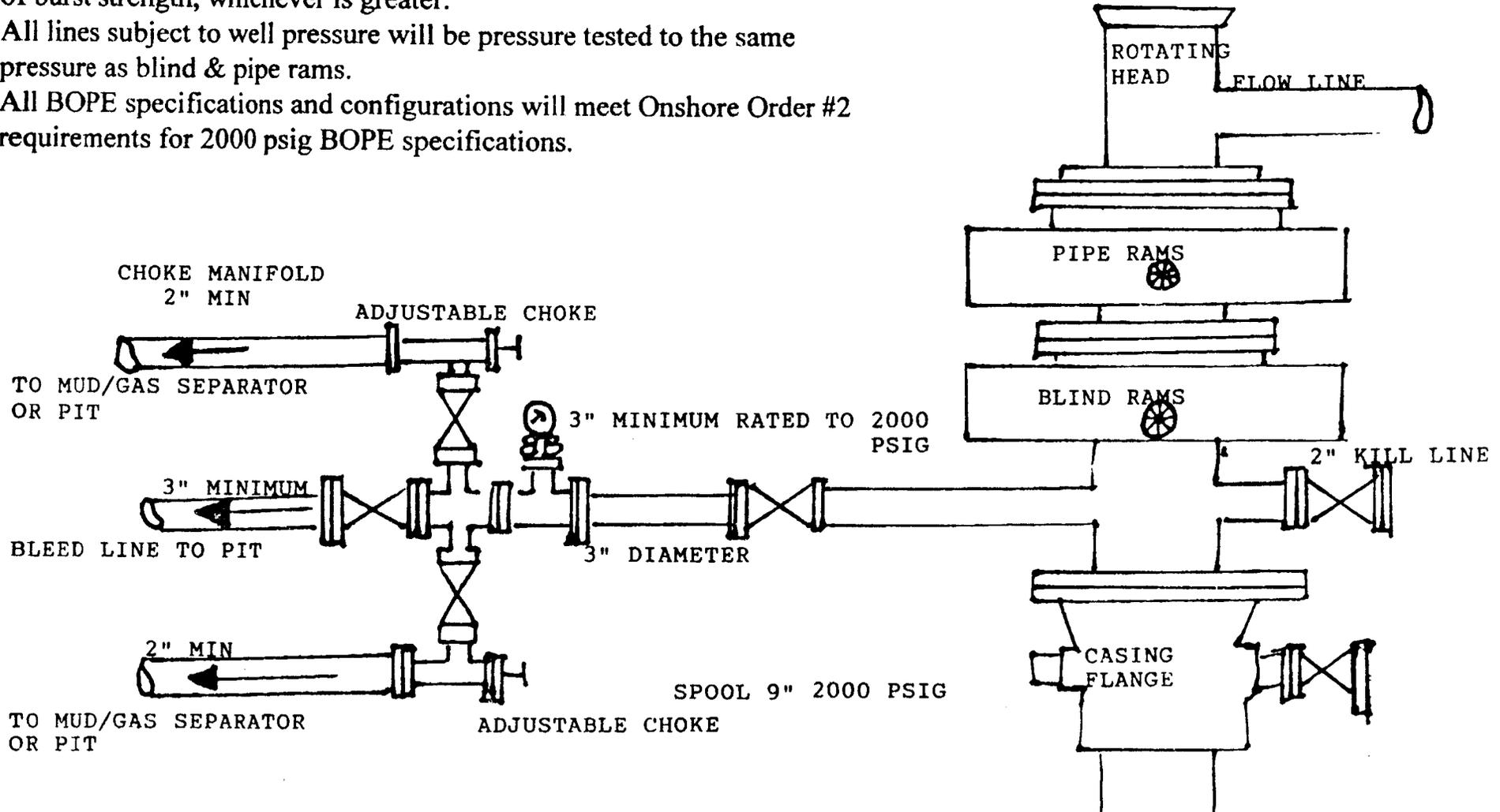
(Attachment: BOP Schematic Diagram)

2000 PSIG DIAGRAM

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

TESTING PROCEDURE:

1. BOPE 's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & 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 Company
Well Name & Number: UTE TRIBAL #33-13-D3
Lease Number: 14-20-H62-4736
Location: 660' FSL & 660' FWL, Lot 4, Sec. 33, T4S, R3W
U.S.B.&M., Duchesne County, Utah
Surface Ownership: Elmer R. and Arwella P. Moon

NOTIFICATION REQUIREMENTS

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

Location Completion - prior to moving on the drilling rig.

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

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

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

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

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

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 16.5 miles southwest of Myton, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.2 miles in length.
See attached TOPO Map "B"
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade on access road will be 8%
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges or major cuts & fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards or fences will be required or encountered.

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

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 Company shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

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

- A. Water wells - None
 - B. Abandoned wells - None
 - C. Temporarily abandoned wells - None.
 - D. Disposal wells - None.
 - E. Drilling wells - None.
 - F. Producing wells - 21*
 - G. Shut in wells - None
 - H. Injection wells - None
- (*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Tank batteries - None
- 2. Production facilities - None
- 3. Oil gathering lines - None
- 4. Gas gathering lines- None
- 5. Injection lines - None

6. Disposal lines - None
7. Surface pits - None

B. OFF WELL PAD

1. A 4 1/2" OD steel above ground production pipeline will be laid approximately 1030' from proposed location to a point in the SE/SW of Section 33, T4S, R3W, where it will tie into Petroglyph Operating Co., Inc.'s existing pipeline. Proposed pipeline crosses privately owned surface, thus a Right-of-Way grant will be required.
2. Proposed pipeline will be a 4 1/2" OD steel, welded line laid on the surface.
3. 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.
The production facilities will be placed on the Northwest side of the location.

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 Private 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 Roosevelt 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 Privately owned surface :

The reserve pit will be constructed so as not to leak, break, or allow discharge.

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 Onshore Order No.7, 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 Southeast side of the location.
The flare pit will be located downwind of the prevailing wind direction on the Southeast 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 Northeast end.

Access to the well pad will be from the West.

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

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

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

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

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

FENCING REQUIREMENTS

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

- A. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. 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'.
- C. 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 BLM or SMA specifications.

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.

B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment.

11. SURFACE OWNERSHIP

Access road: Private

Location: Private

12. 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

P.O. Box 1910

Vernal UT 84078

Telephone # (801)789-4120

Fax # (801) 789-1420

OPERATIONS

Vince Guinn

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 Company 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.

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 Company and its contractors and sub-contractors in conformity with this Plan and the terms and conditions under which it is approved.

10-8-97
Date

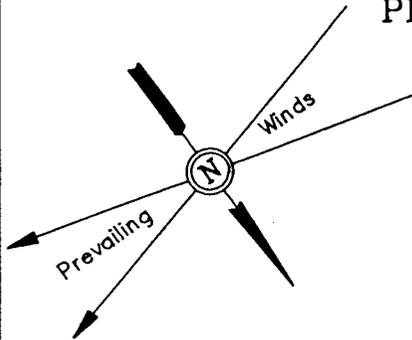


Ed Trotter-Agent-
Petroglyph Operating Company

PETROGLYPH OPERATING CO., INC.

LOCATION LAYOUT FOR

UTE TRIBAL #33-13-D3
SECTION 33, T4S, R3W, U.S.B.&M.
660' FSL 660' FEL



Proposed Access Road

Small Drainage

SCALE: 1" = 50'
DATE: 7-17-97
Drawn By: C.B.T.

NOTE:

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

FLARE PIT



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

Approx. Top of Cut Slope

10' WIDE BENCH

RESERVE PITS (8' Deep)

1 1/2:1 Slope

El. 904.3' C-9.0' (btm. pit)

Reserve Pit Backfill & Spoils Stockpile

El. 904.6' C-1.3'

El. 903.2' F-0.1'

C-5.9' El. 909.2'

C-3.9' El. 907.2'

F-3.1' El. 900.2'

Sta. 2+90

C-2.7' El. 906.0'

C-0.5' El. 903.8'

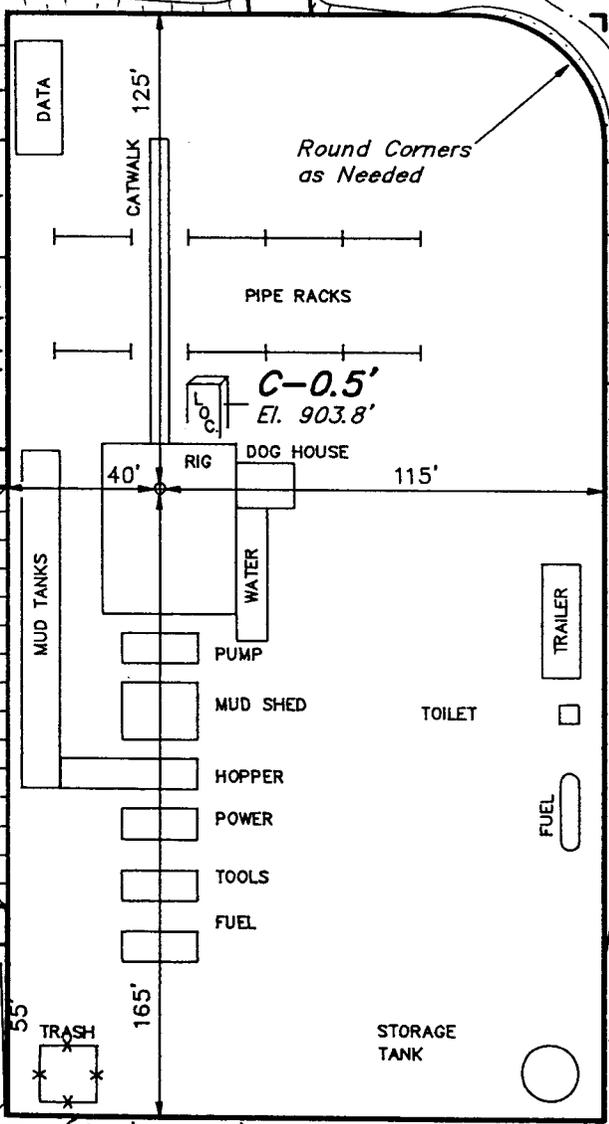
C-11.4' (btm. pit)

RIG DOG HOUSE

Sta. 1+65

F-3.6' El. 899.7'

Approx. Toe of Fill Slope



Sta. 0+00

C-0.5' El. 903.8'

C-0.3' El. 903.6'

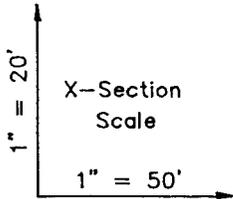
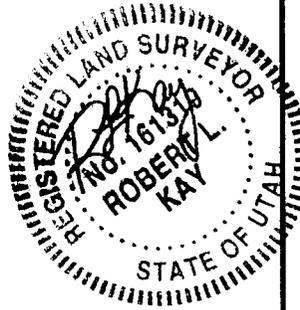
Elev. Ungraded Ground at Location Stake = 5903.8'

Elev. Graded Ground at Location Stake = 5903.3'

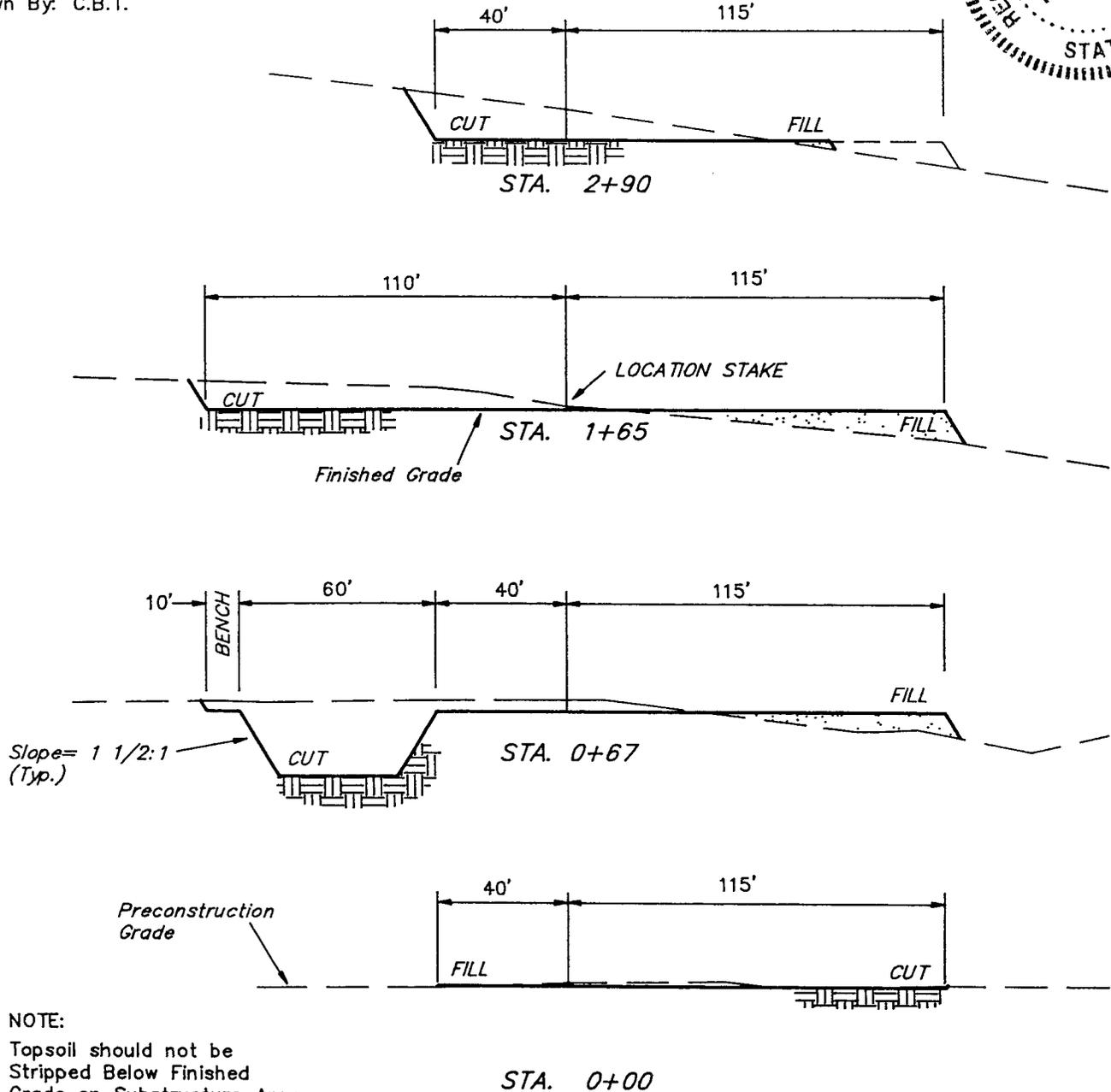
PETROGLYPH OPERATING CO., INC.

TYPICAL CROSS SECTIONS FOR

UTE TRIBAL #33-13-D3
SECTION 33, T4S, R3W, U.S.B.&M.
660' FSL 660' FEL



DATE: 7-17-97
Drawn By: C.B.T.

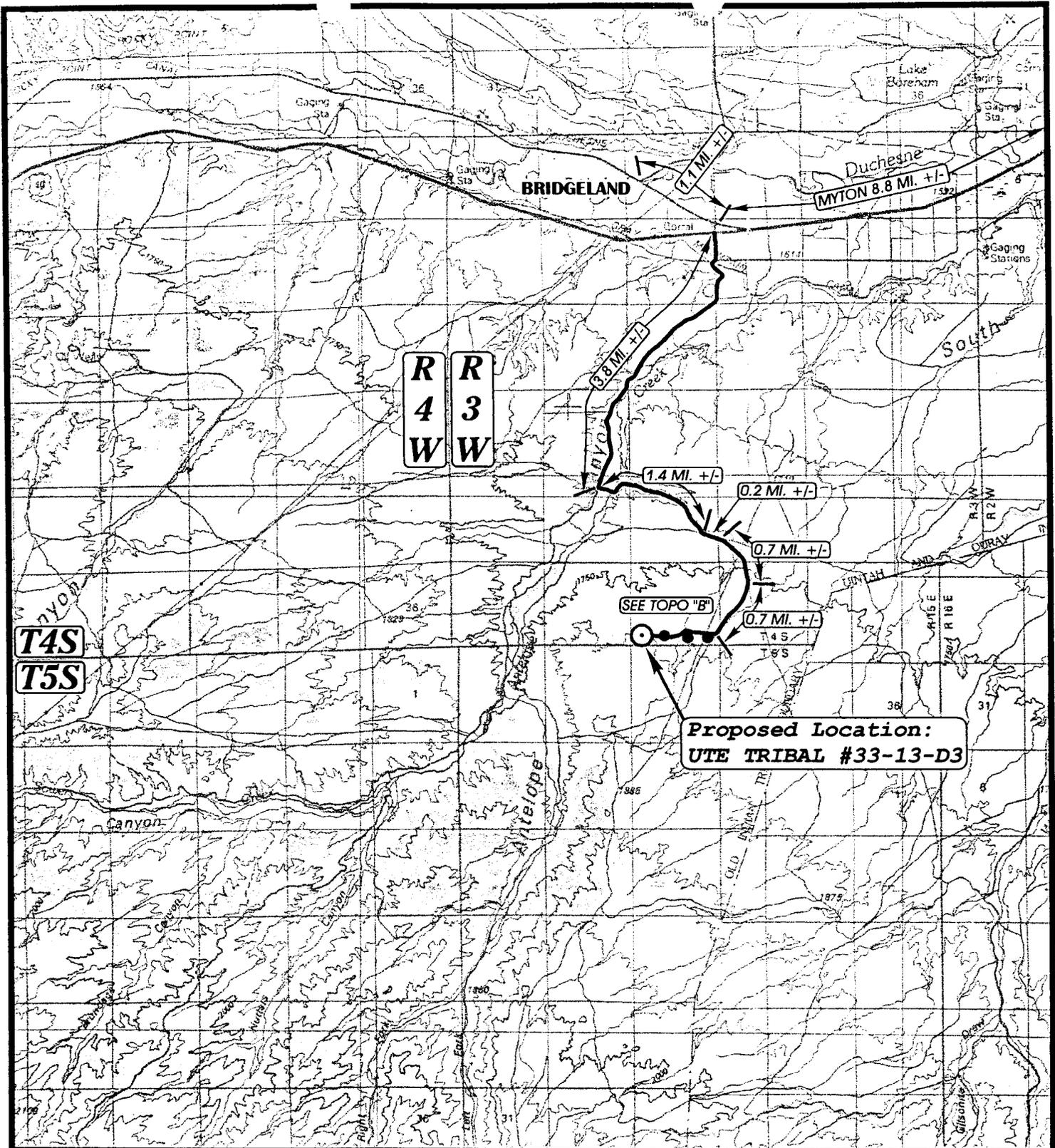


APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 960 Cu. Yds.
Remaining Location	= 3,100 Cu. Yds.
TOTAL CUT	= 4,060 CU.YDS.
FILL	= 1,760 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,210 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,650 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 560 Cu. Yds.

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



LEGEND:

○ PROPOSED LOCATION



PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #33-13-D3
SECTION 33, T4S, R3W, U.S.B.&M.
660' FSL 660' FWL



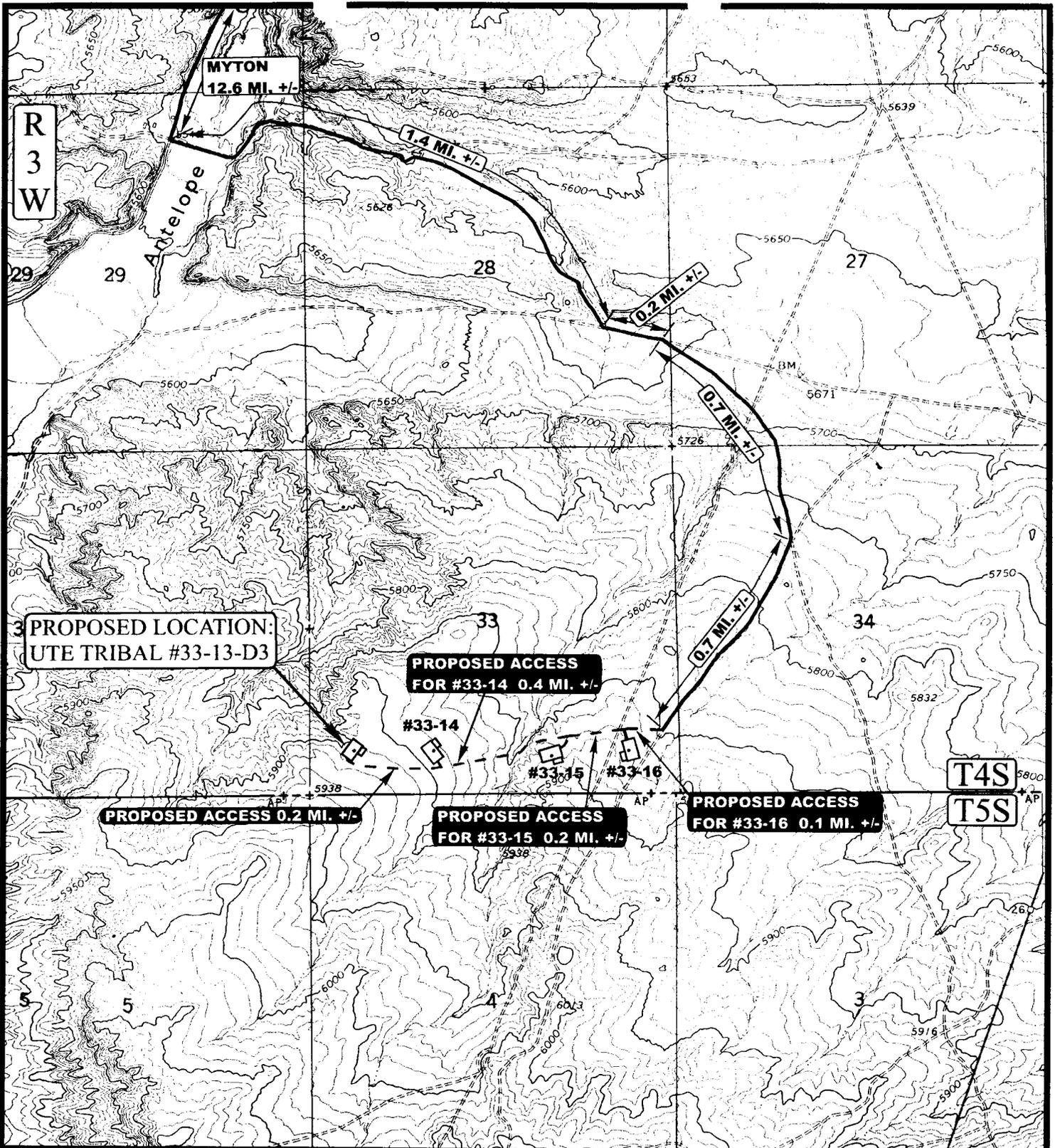
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(801) 789-1017 * FAX (801) 789-1813
Email: ucls@casilink.com

**TOPOGRAPHIC
MAP**

7	15	97
MONTH	DAY	YEAR

SCALE: 1 : 100,000 DRAWN BY: J.L.G. REVISED: 00-00-00





LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD

PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #33-13-D3
SECTION 33, T4S, R3W, U.S.B.&M.
660' FSL 660' FWL



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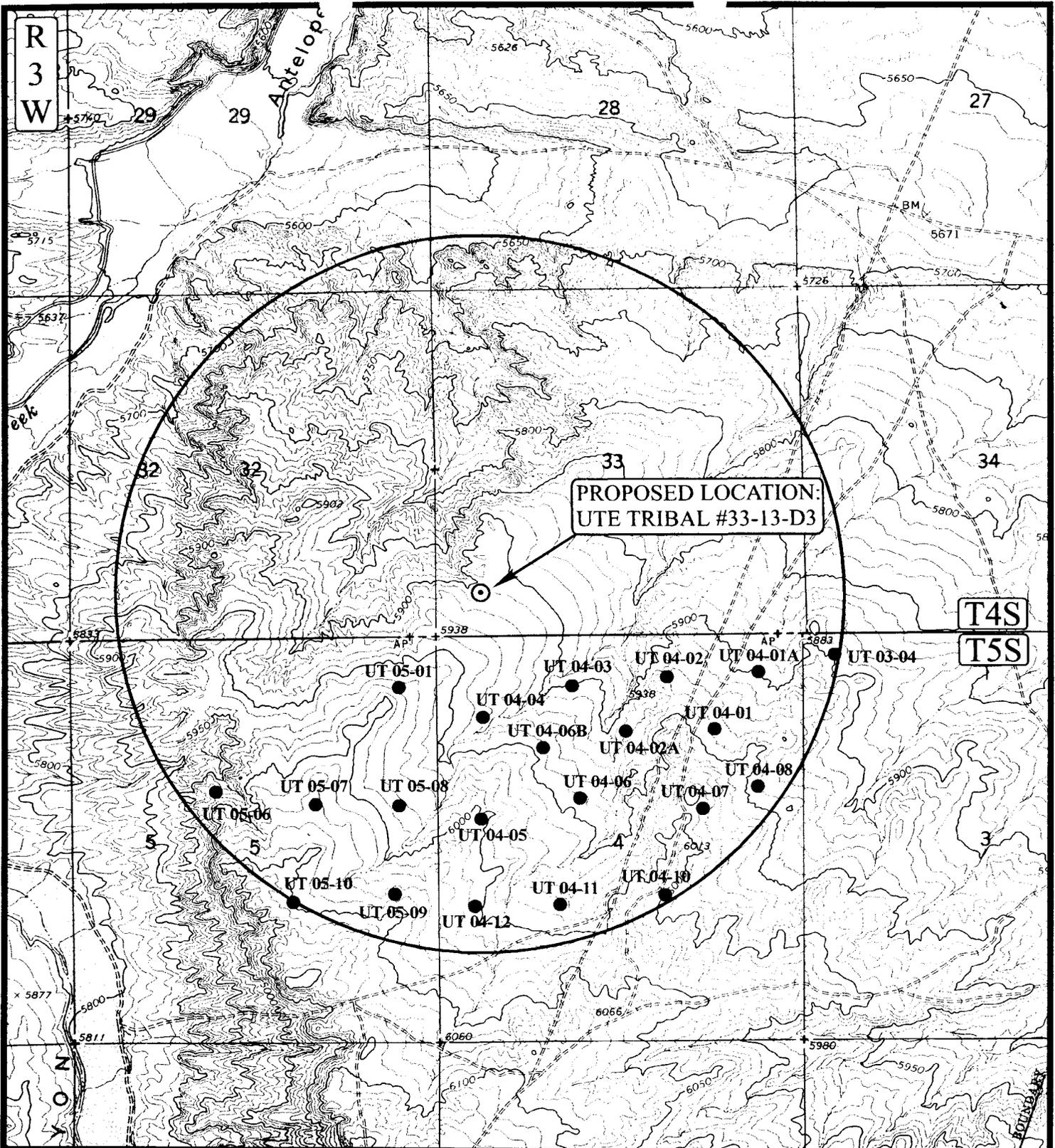


**TOPOGRAPHIC
MAP**

7 15 97
MONTH DAY YEAR

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





**PROPOSED LOCATION:
UTE TRIBAL #33-13-D3**

LEGEND:

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

PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #33-13-D3
SECTION 33, T4S, R3W, U.S.B. & M.
660' FSL 660' FWL

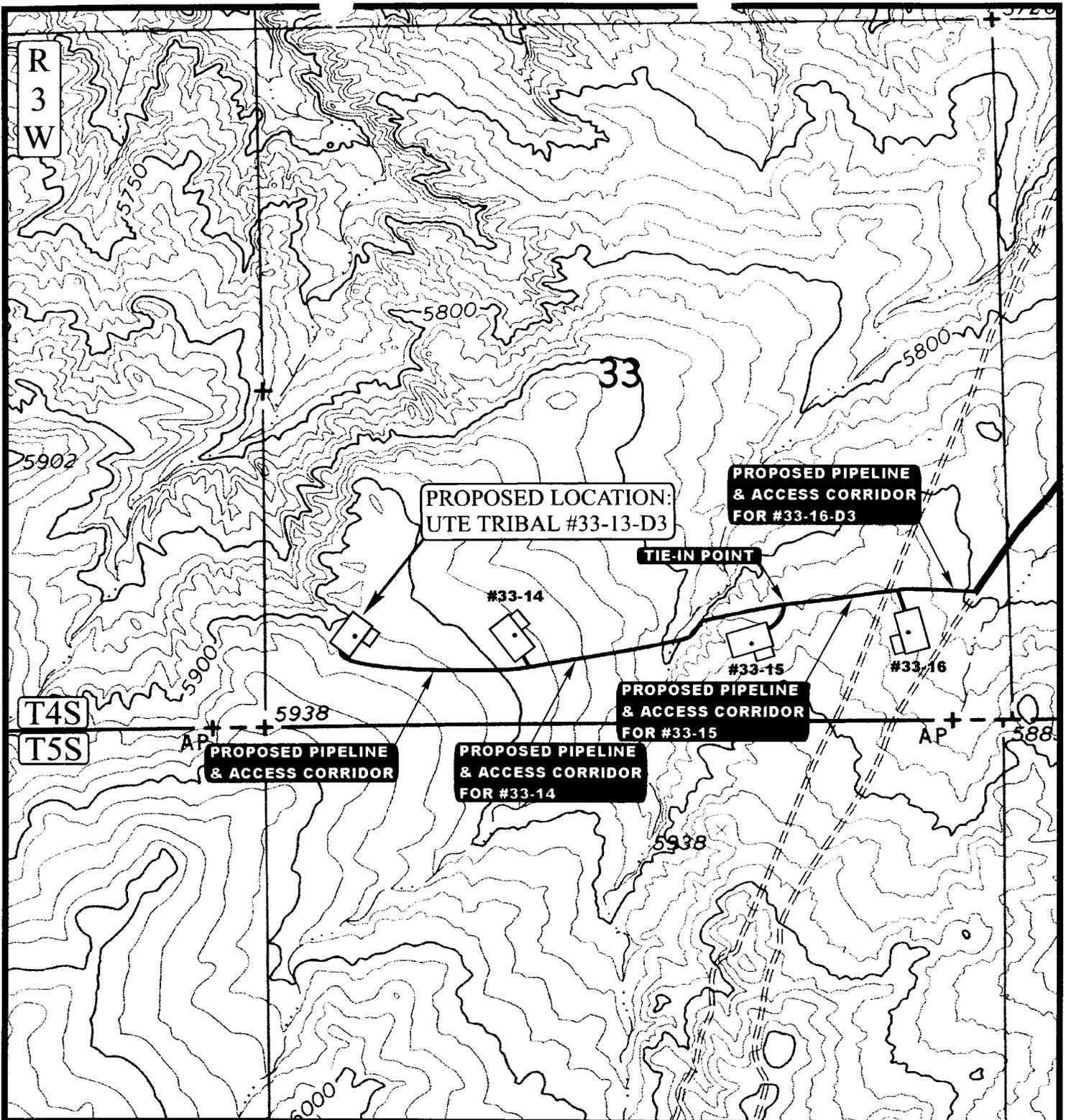


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85 South 200 East Vernal, Utah 84078
(801) 789-1017 * FAX (801) 789-1813
Email: ucls@casilink.com



TOPOGRAPHIC MAP
7 15 97
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00





APPROXIMATE TOTAL CORRIDOR DISTANCE = 1030' +/-

LEGEND:

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS

PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #33-13-D3
SECTION 33, T4S, R3W, U.S.B.&M.
660' FSL 660' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(801) 789-1017 * FAX (801) 789-1813
Email: uels@casilink.com

**TOPOGRAPHIC
MAP**

7 15 97
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: J.L.G. REVISED: 00-00-00



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/14/99

API NO. ASSIGNED: 43-013-31958

WELL NAME: UTE TRIBAL 33-13-D3
 OPERATOR: 7PETROGLYPH OPERATING (N3800)

PROPOSED LOCATION:
 SWSW 33 - T04S - R03W
 SURFACE: 0660-FSL-0660-FWL
 BOTTOM: 0660-FSL-0660-FWL
 DUCHESNE COUNTY
 UNDESIGNATED FIELD (002)

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

LEASE TYPE: IND
 LEASE NUMBER: 14-20-H62-4736

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

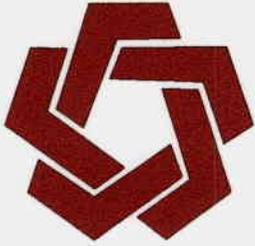
- Plat
- Bond: Federal State Fee
 (Number 4556)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
 (Number 43-12152)
- RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

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

COMMENTS:

STIPULATIONS:



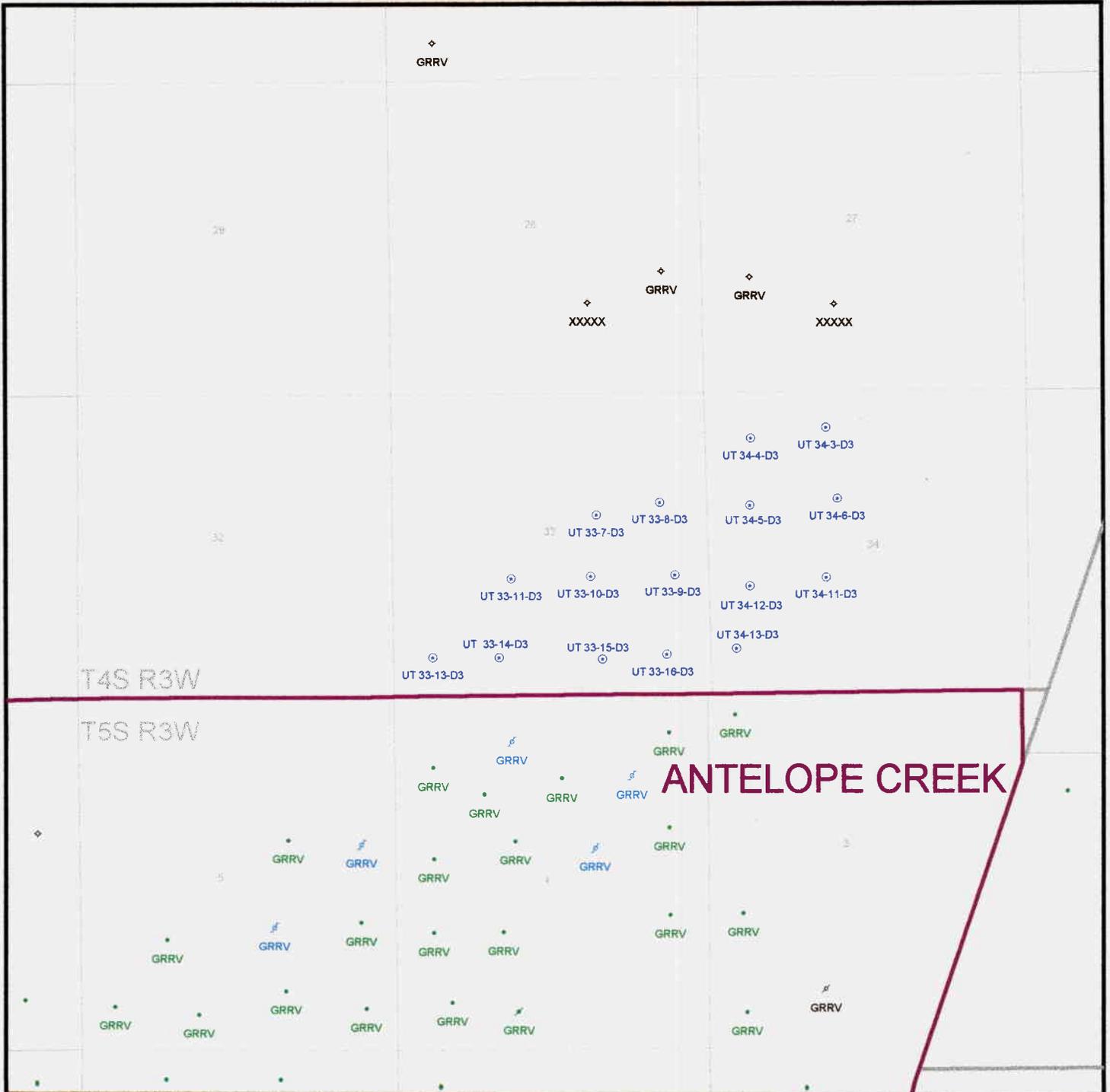
DIVISION OF OIL, GAS & MINING

OPERATOR: PETROGLYPH OPERATING (N3800)

FIELD: UNDESIGNATED (002)

SEC. TWP, RNG: 33 & 34, T4S, R3W

COUNTY: DUCHESNE UAC: R649-2-3 & R649-3-3



DATE PREPARED:
17-OCT-1997



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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

October 27, 1997

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

Re: Ute Tribal 33-13-D3 Well, 660' FSL, 660' FWL, SW SW,
Sec. 33, T. 4 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 43-013-31958.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator: Petroglyph Operating Company, Inc.
Well Name & Number: Ute Tribal 33-13-D3
API Number: 43-013-31958
Lease: 14-20-H62-4736
Location: SW SW Sec. 33 T. 4 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 Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334.

3. Reporting Requirements

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN

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

2. NAME OF OPERATOR
 PETROGLYPH OPERATING CO., INC.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: 660' FSL & 660' FWL Lot 4
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 16.5 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): 660'±

16. NO. OF ACRES IN LEASE: 617.20

17. NO. OF ACRES ASSIGNED TO THIS WELL: 80

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 6248.3'

19. PROPOSED DEPTH: 6248.3'

20. ROTARY OR CABLE TOOLS: ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5903.8' GRADED GROUND

22. APPROX. DATE WORK WILL START*
 OCTOBER 1997

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-4736

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 UTE TRIBAL

7. UNIT AGREEMENT NAME

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

9. API WELL NO.
 #33-13-D3

10. FIELD AND POOL, OR WILDCAT
 ANTELOPE CREEK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SEC. 33, T4S, R3W

12. COUNTY OR PARISH
 DUCHESNE

13. STATE
 UTAH

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	250'	135 sx class "G" + 2% CaCl ₂ + 1/4 #/sx celloflake.
7 7/8"	5 1/2"	15.5#	6248.3'	

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

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

RECEIVED

OCT 08 1997

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

CONDITIONS OF APPROVAL ATTACHED

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: 10-3-97

(This space for Federal or State office use)

PERMIT NO. NOTICE OF APPROVAL APPROVAL DATE

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY: [Signature] Assistant Field Manager Mineral Resources DATE: OCT 24 1997

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Petroglyph Operating Company Inc.

Well Name & Number: Ute Tribal 33-13-D3

API Number: 43-013-31958

Lease Number: 14-20-H62-4736

Location: Lot 4 (SWSW) Sec. 33 T.4S R. 3W

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.

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 418 ft. or by setting surface casing to 470 ft. and having a cement top for the production casing at least 200 ft. above shallowest potential productive zone. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

A cement bond log (CBL) will be run from the production casing shoe to the top of the cement 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.

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 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

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 onlease 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 and tested for meter accuracy 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:

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COAs)

The Bureau of Indian Affairs Site Specific Environmental Analysis states that.

"The area is owned by a private individuals. Petroglyph will comply with the private landowner's request on all mitigative measures."

(Elmer R. Moon and Arwella P. Moon)---Wellpad and the access road to reach the access to the 33-14 D3 well proposed project.

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

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: PETROGLYPH OPERATING

Well Name: UTE TRIBAL 33-13D3

Api No. 43-013-31958

Section: 33 Township: 4S Range: 3W County: DUCHESNE

Drilling Contractor: UNION

Rig # 16

SPUDDED:

Date: 12/14/97

Time: _____

How: ROTARY

Drilling will commence: _____

Reported by: CHUCK WHITE

Telephone NO.: _____

Date: 12/15/97 Signed: JLT

✓

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

OPERATOR: PETROGLYPH OPERATING CO COMPANY REP: CHUCK WHITE

WELL NAME UTE TRIBAL #33-13D3 API NO 43-013-31958

QTR/QTR: SW/SW SECTION: 33 TWP: 4S RANGE: 3W

CONTRACTOR: UNION DRILLING COMPANY RIG NUMBER: #16

INSPECTOR: DENNIS L INGRAM TIME: 12:00 NOON DATE: 1/2/98

SPUD DATE: DRY: 12/14/97 ROTARY: 12/14/97 PROJECTED T.D.: 6488'

OPERATIONS AT TIME OF VISIT: DRILLING AHEAD @ 3609'.

WELL SIGN: NO MUD WEIGHT 8.4 LBS/GAL BOPE: Y

BLOOIE LINE: Y FLARE PIT: N H2S POTENTIAL: N

ENVIRONMENTAL:

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

RUBBER: _____ BENTONITE: _____ SANITATION: (2)

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: YES,

1300 PSI ON ACCUMULATOR. BOPE TESTED ON 12/30/97

REMARKS:

(LAST HOLE WAS UT #34-05D3, T.D.'D ON 12/10/97 AT 6560 FEET,

AND RAN PRODUCTION CASING TO BOTTOM). RIG SHUT DOWN FOR

HOLIDAYS AND FIRED BACK UP ON 12/30/97. RIG'S BOPE WAS SENT IN

FOR SHOP WORK OVER THE HOLIDAYS AND BLM WITNESSED THEIR TEST

ON 12/30/97. THEY ARE PRESENTLY MAKING 49.3 FPH WITH 369

CCD UNITS OF GAS. SURVEYS SHOW 3230' WAS 1 3/4 DEGREES

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

OPERATOR: PETROGLYPH OPERATING CO COMPANY REP: CHUCK WHITE

WELL NAME UTE TRIBAL #33-13D3 API NO 43-013-31958

QTR/QTR: SW/SW SECTION: 33 TWP: 4S RANGE: 3W

CONTRACTOR: UNION DRILLING COMPANY RIG NUMBER: #16

INSPECTOR: DENNIS L INGRAM TIME: 12:00 NOON DATE: 1/2/98

SPUD DATE: DRY: 12/14/97 ROTARY: 12/14/97 PROJECTED T.D.: 6488'

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ENVIRONMENTAL:

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

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REMARKS:

(LAST HOLE WAS UT #34-05D3, T.D.'D ON 12/10/97 AT 6560 FEET,

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

OPERATOR: PETROGLYPH OPERATING CO COMPANY REP: CHUCK WHITE

WELL NAME UTE TRIBAL #33-13D3 API NO 43-013-31958

QTR/QTR: SW/SW SECTION: 33 TWP: 4S RANGE: 3W

CONTRACTOR: UNION DRILLING COMPANY RIG NUMBER: #16

INSPECTOR: DENNIS L. INGRAM TIME: 10:30 AM DATE: 1/8/98

SPUD DATE: DRY: 12/14/97 ROTARY: 12/14/97 PROJECTED T.D.: 6488'

OPERATIONS AT TIME OF VISIT: WASHING OVER STUCK WASHOVER PIPE.

WELL SIGN: NO MUD WEIGHT 8.4 LBS/GAL BOPE: Y

BLOOIE LINE: Y FLARE PIT: N H2S POTENTIAL: N

ENVIRONMENTAL:

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

RUBBER: _____ BENTONITE: _____ SANITATION: (2)

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: YES,

2000 PSI ON ACCUMULATOR. BOPE TESTED ON 12/30/97

REMARKS:

WELL IS 6293 FEET DEEP AT PRESENT TIME. OPERATOR SET A BALANCED
PLUG ACROSS THE SURFACE SHOE TO REPAIR SURFACE CASING (PLUG WAS
TAGGED AT 285 FEET). TOP CASING JOINT NEEDS REPAIRED, WAS CUT
UP BY HARD BANDS ON DRILL PIPE OR BENT KELLY. THEY WASHED OVER
8 5/8" CASING WITH 9 3/4" WASHOVER PIPE AND GOT STUCK AT 25'.
THEY NOW HAVE 13 3/8" WASH PIPE WASHING OVER STUCK WASH PIPE.

2

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

OPERATOR: PETROGLYPH OPERATING CO COMPANY REP: CHUCK WHITE

WELL NAME UTE TRIBAL #33-13D3 API NO 43-013-31958

QTR/QTR: SW/SW SECTION: 33 TWP: 4S RANGE: 3W

CONTRACTOR: UNION DRILLING COMPANY RIG NUMBER: #16

INSPECTOR: DENNIS L INGRAM TIME: 10:30 AM DATE: 1/8/98

SPUD DATE: DRY: 12/14/97 ROTARY: 12/14/97 PROJECTED T.D.: 6488'

OPERATIONS AT TIME OF VISIT: WASHING OVER STUCK WASHOVER PIPE.

WELL SIGN: NO MUD WEIGHT 8.4 LBS/GAL BOPE: Y

BLOOIE LINE: Y FLARE PIT: N H2S POTENTIAL: N

ENVIRONMENTAL:

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

RUBBER: _____ BENTONITE: _____ SANITATION: (2)

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: YES,

2000 PSI ON ACCUMULATOR. BOPE TESTED ON 12/30/97

REMARKS:

WELL IS 6293 FEET DEEP AT PRESENT TIME. OPERATOR SET A BALANCED

PLUG ACROSS THE SURFACE SHOE TO REPAIR SURFACE CASING (PLUG WAS

TAGGED AT 285 FEET). TOP CASING JOINT NEEDS REPAIRED, WAS CUT

UP BY HARD BANDS ON DRILL PIPE OR BENT KELLY. THEY WASHED OVER

8 5/8" CASING WITH 9 3/4" WASHOVER PIPE AND GOT STUCK AT 25'.

THEY NOW HAVE 13 3/8" WASH PIPE WASHING OVER STUCK WASH PIPE.

FORM 7

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: UTE Tribal 33-13-D3

API number: 43-013-31958

2. Well Location: QQ SWSW Section 33 Township 4S Range 3W County Duchesne

3. Well operator: Petroglyph Operating Company, Inc.

Address: P.O. Box 1007
Roosevelt, UT 84066

Phone: 435-722-2531

4. Drilling contractor: Union Drilling Inc

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		
0	465	Dust	
465	1085	Hole DAMP 1085	no circ w/out soap pump
1085	2990	2'3" STREAM	

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: 1/13/98

Name & Signature: Dennis K. Bell

Title: Operations Coordinator

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 ENTITY ACTION FORM - FORM 6

OPERATOR Petroglyph Operating Company, Inc. OPERATOR ACCT. NO. N 3800
 ADDRESS P.O. Box 607
Roosevelt, UT 84066

04/17/98 12:24 FAX 435 722 9145

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12269	43-03-31958	Ute Tribal 33-13D3	Lot 4	33	4S	3W	Duchesne	12-14-97	
WELL 1 COMMENTS: Entity added 4-17-98. (Common Tank)											
WELL 2 COMMENTS: CONFIDENTIAL											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

PETROGLYPH

LISHA C

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

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

Deanna Bell
 Signature Deanna Bell
 Operations Coordinator 12-20-97
 Title Date
 Phone No. 801 722-2531

002

SUBMIT IN DUPLICATE
(See other instructions on
reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-4736

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

2. NAME OF OPERATOR
PETROGLYPH OPERATING COMPANY, INC.

9. WELL NO.
Ute Tribal 33-13D3

3. ADDRESS OF OPERATOR
P.O. BOX 607, ROOSEVELT, UT 84066 (435) 722-2531

10. FIELD AND POOL, OR WILDCAT
Antelope Creek

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FSL 660' FWL

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Lot 4 Sec. 33-T4S-R3W

At top prod. interval reported below

At total depth 6489' RTD

14. PERMIT NO. 43-013-31958

DATE ISSUED 10/27/97

12. County or Parish Duchesne

13. State Utah

CONFIDENTIAL

15. DATE SPUDDED 12/14/97

16. DATE T.D. REACHBL 1/12/98

17. DATE COMPLETED (Ready to prod.) 1/30/98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5913' KB

19. ELEV. CASINGHEAD 5903' GGL

20. TOTAL DEPTH, MD & TVD 6489'

21. PLUG BACK T.D., MD & TVD 6433' PBTD

22. IF MULTIPLE COMPL., HOW MANY* 1

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Compensated Neutron, Litho Density w/ Gamma Ray, AIT

27. WAS WELL CORED
No

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	464'	12-1/4"	240 sxs Class G w/ 2% CaCl2 and .25#/sk cellophane flake	
5-1/2"	15.5	6477'	7-7/8"	390 sxs Highfill & 430 sxs Thixotropic	

29. LINER RECORD

SIZE	TOP	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	6365'	

31. PERFORATION RECORD (Interval, size and number)

CONFIDENTIAL

H1 6348-54' (24 holes)

CONFIDENTIAL

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6348-54'	7256 gal Boragel 30, 42100# 20/40 prop

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut-in)
2/13/98	2 1/2" X 1-3/4" X 16' 40 ring PA pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO
2/16/98	24			65	40	24	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HR. RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
	600					

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

TEST WITNESSED BY
Dave Schreiner

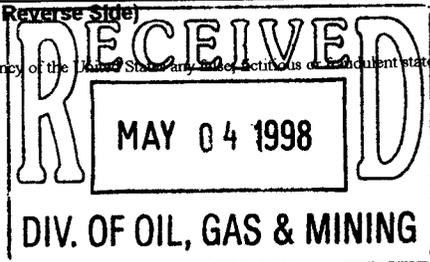
35. LIST OF ATTACHMENTS

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

Signed Alanna Ball Title Operations Coordinator Date 4/30/98

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

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



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
Ute Tribal 33-13D3						
B Marker	4130					
X Marker	4626					
Douglas Creek	4770					
B Limestone	5187	CONFIDENTIAL				
Castle Peak	5748					
Basal Carbonate	6132					

SUBMIT IN DUPLICATE
(See other instructions on
reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-4736

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
Ute Tribal 33-13D3

10. FIELD AND POOL, OR WILDCAT
Antelope Creek

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
Lot 4 Sec 33-T4S-R3W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

b. TYPE OF COMPLETION: New Well Workover Deepen Plug Back Drift Reserve Other

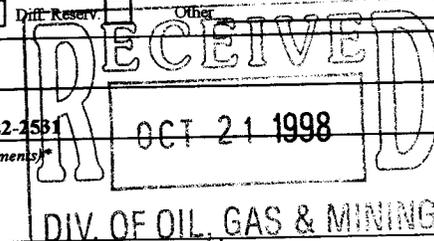
2. NAME OF OPERATOR
PETROGLYPH OPERATING COMPANY, INC.

3. ADDRESS OF OPERATOR
P.O. BOX 607, ROOSEVELT, UT 84066 (435) 722-2581

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FSL 660' FWL

At top prod. interval reported below

At total depth 6489' RTD



CONFIDENTIAL

14. PERMIT NO.
43-013-31958

DATE ISSUED
10/27/97

12. County or Parish
Duchesne

13. State
Utah

15. DATE SPUDDED 12/14/97

16. DATE T.D. REACHEI 1/12/98

17. DATE COMPLETED (Ready to prod.)
9/1/98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5913' KB

19. ELEV. CASINGHEAD
5903' GGL

20. TOTAL DEPTH, MD & TVD
6489'

21. PLUG BACK T.D., MD & TVD
6433' PBTD

22. IF MULTIPLE COMPL., HOW MANY*
1

23. INTERVALS DRILLED BY
ROTARY TOOLS
CABLE TOOLS

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

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron, Litho Density w/ Gamma Ray, AIT

27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)				CEMENTING RECORD		AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE			
8-5/8"	24	464'	12-1/4"	240 sxs Class G w/ 2% CaCl2 and .25#/sk cellophane flake		
5-1/2"	15.5	6477'	7-7/8"	390 sxs Highfill & 430 sxs Thixotropic		

LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	6365'	

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
CONFIDENTIAL D5 5322-26' (16 holes)	5322-26'	5918 gals Delta frac, 10000# 20/40 prop & 11000# 16/30 prop
C9 2 5144-5150' (24 holes)	5144-50'	9831 gals Delta frac, 15500# 20/40 prop & 23400# 16/30 prop
C6 1 4958-62' (16 holes)	4958-62'	8659 gals Delta frac, 12500# 20/40 prop & 19000# 16/30 prop
C4 4805-09' (16 holes)	4805-09'	6464 gals Delta frac, 10000# 20/40 prop, 11000# 16/30 prop
B11 4574-78' (16 holes)	4574-78'	6366 gals Delta frac, 10000# 20/40 prop & 11000# 16/30 prop

33. PRODUCTION				WELL STATUS (Producing or shut-in)			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)		OIL - BBL.		GAS - MCF.	
returned to prod 9/1/98		2 1/2" X 1-3/4" X 16' 40 ring PA pump		43		60	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	WATER - BBL.		GAS-OIL RATIO	
9/6/98	24			46			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HR. RATE	OIL - BBL.	GAS - MCF.		WATER - BBL.	
	1350					OIL GRAVITY - API (CORR.)	

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

TEST WITNESSED BY
Dave Schreiner

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 *James Bell* Title Operations Coordinator Date 10/1/98

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

SUBMIT IN DUPLICATE
(See other instructions on
reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-4736

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. a. TYPE OF WELL: Oil Well Gas Well Dry Other _____
b. TYPE OF COMPLETION: New Well Workover Deepen Plug Back Diff. Reserv. Other _____

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

2. NAME OF OPERATOR
PETROGLYPH OPERATING COMPANY, INC.

9. WELL NO.
Ute Tribal 33-13D3

3. ADDRESS OF OPERATOR
P.O. BOX 607, ROOSEVELT, UT 84066 (435) 722-2531

10. FIELD AND POOL, OR WILDCAT
Antelope Creek

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660 FSL 660 FWL

11. SBC., T., R., M., OR BLOCK AND SURVEY OR AREA
Lot 4 Sec. 33-T4S-R3W

At top prod. interval reported below

At total depth 6489' RTD

14. PERMIT NO. 43-013-31958
DATE ISSUED 10/27/97

12. County or Parish Duchesne
13. State Utah

15. DATE SPUDDED 12/14/97
16. DATE T.D. REACHED 1/12/98
17. DATE COMPLETED (Ready to prod.) 9/1/98
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5913' KB
19. ELEV. CASINGHEAD 5903' GGL

20. TOTAL DEPTH, MD & TVD 6489'
21. PLUG BACK T.D., MD & TVD 6433' PBTD
22. IF MULTIPLE COMPL., HOW MANY* 1
23. INTERVALS DRILLED BY

24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
Green River H1
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Compensated Neutron, Litho Density w/ Gamma Ray, AIT
27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)				CEMENTING RECORD		AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE			
8-5/8"	24	464'	12-1/4"	240 sxs Class G w/ 2% CaCl2 and .25#/sk cellophane flake		
5-1/2"	15.5	6477'	7-7/8"	390 sxs Highfill & 430 sxs Thixotropic		

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	6365'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
CONFIDENTIAL		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
D5 5322-26' (16 holes)		5322-26'	5918 gals Delta frac, 10000# 20/40 prop & 11000# 16/30 prop
C9.2 5144-5150' (24 holes)		5144-50'	9831 gals Delta frac, 15500# 20/40 prop & 23400# 16/30 prop
C6.1 4958-62' (16 holes)		4958-62'	8659 gals Delta frac, 12500# 20/40 prop & 19000# 16/30 prop
C4 4805-09' (16 holes)		4805-09'	6464 gals Delta frac, 10000# 20/40 prop, 11000# 16/30 prop
B11 4574-78' (16 holes)		4574-78'	6366 gals Delta frac, 10000# 20/40 prop & 11000# 16/30 prop

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
returned to prod 9/1/98		2 1/2" X 1-3/4" X 16' 40 ring PA pump					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO
9/6/98	24			43	60	46	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HR. RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
	1350						

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

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 [Signature] Title Operations Coordinator Date 10/1/98

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

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

RECEIVED OCT 22 1998

WTC
12-23-98
RJK

WORKOVER REPORT

10/21/98

Petroglyph Operating Co., Inc.

Operator: Petroglyph Operating Company, Inc.

Elevation: 0

Well: Ute Tribal 33-13D3

0

County, St.: Duchesne UT

Activity Date Daily Cost Activity Description

8/31/98 \$3,316.00

SIP tbg 200 psi, csg 200 psi. 7 AM w/ EOT @ 4548', open well & pump 5 bbls dn tbg & 5 dn csg. RIH & find TOS @ 5548'. Load well bore w/ 50 bbls treated wtr. Circ reverse displace oil & gas. Clean out 52' sand to BVBP @ 5600'. Retrieve plug & POOH & LD. MU BHA & RIH on tbg. Strip off BOP & frac flange. Strip on csg flange. Set TAC & install tbg spool. NU spool flow & control equipment. X/over to rod equipment. MU & prime insert pump & RIH on rods. X/out needed guided rod w/ slick. Seat pump & fill tbg w/ 1 bbl. Test to 500 psi w/ rig pump. Increase to 1000 psi w/ rig long stroke pump w/ 0 loss. RU remaining surface flow & control equipment. Hang rod string. Load BOP & frac equipment. ND pump lines & load. 6:30 PM SWIFN.

TUBING DETAIL

For 12,000# tension	.80	.80
KB	10.00	10.80
145 jts tbg	4488.76	4499.56
B2 TAC	2.80	4502.36
57 jts tbg	1761.12	6263.48
PSN	1.10	6264.58
1 jt tbg	31.60	6296.18
2-7/8" x 2" MSN w/ perf'd sub	6.90	6303.08
2 jts tbg	61.66	6364.74
2-7/8" plug & collar	.85	6365.59

ROD DETAIL

1-1/2" x 22' plsh'd rod w/ 1-3/4" x 12' liner
 one 2', 6', & 8' x 7/8" pony rod
 83 slick 7/8" rods
 141 slick 3/4" rods
 24 guided 3/4" rods spaced every
 4th rod @ bttm of string
 Trico pump 2-1/2" x 1-3/4" x 16' RHAC 40
 ring
 PA pump w/ 3 cup top hold dn #2098

FLUID RECOVERY

Well BLF:	1677
Well BLFR:	293
Well BLFTR:	1384
Well % Rec:	17%

WORKOVER REPORT

10/21/98

Petroglyph Operating Co., Inc.

Operator: Petroglyph Operating Company, Inc.

Elevation: 0

Well: Ute Tribal 33-13D3

0

County, St.: Duchesne UT

Activity Date Daily Cost Activity Description

8/25/98 \$4,686.00

PERFORATIONS:

6348-6354	Green River H (01)	4 SPF	24 shots
5322-5326	Green River D (05)	4 SPF	16 shots

7 AM finish NU frac flange & BOP. MU Halliburton 5-1/2" BVBP & RIH on 181 jt tbg & set @ 5600'. Pull EOT to 5345'. Load well bore w/ 40 bbls treated wtr & displace out remaining oil. Attempt to press test BVBP could not get above 1500 psi @ 3 BPM. RIH w/ ret. Tool to 5600'. BVBP apparently slipped dn hole. RIH to PBD @ 6433' & latch BVBP. Pull to 5600'. Set BVBP pull EOT to 5345' load well bore w/ 20 bbls. Treated wtr & press test BVBP to 4500 psi w/ 0 loss. Spot 6 bbls 15% HCl across D5 zone POOH w/ tbg & ret. Tool. MIRU Schlumberger WLS & attempt to perf. Stack out on paraffin @ 560'. RIH w/ tbg to 1260' & circ hot wtr. POOH. RIH & perf D5 @ 5322-26 w/ 4" gun w/ 4 spf w/ 16 holes. RD & move out WLS. Press up 3000 psi on csg. Form did not break. SWIFN leaving psi on csg. 9 PM.

8/24/98 \$4,289.00

7 AM move out on 16-06. Road to 33-13D3. MIRU. RD surface pumping equipment. Jar pump off seat. RU to work rod string to enable flushing w/ 40 bbls fmwtr @ 250 deg @ 1-1/2 BPM @ 1000-0 psi. POOH w/ 7/8" rods & half of 3/4" rods. Flush w/ 10 bbls @ 0 psi. Pull all but 10 3/4" rods. RU pump & lines & pump 10 bbls fmwtr down tbg w/ rig pump. Finish POOH w/ rods. LD pump. RU to circ reverse & load well bore w/ 65 bbls hot fmwtr & circ 1 hr to displace oil to clean up csg. Finish RU tbg equipment. Rise TAC & strip off csg flange. Strip on frac flange & BOP. POOH w/ tbg & LD BHA. 8 PM SWIFN.

Cumulative Cost: ~~\$19,995.00~~

Days Since Start: 9

AFE # 41364
DESC 1243 UTE TRIBAL 33-13D3
NET AUTHORIZED: 387,220

WELL 1243 UTE TRIBAL 33-13D3
DIST
COST CENTER 41364 1243 UTE TRIBAL 33-13D3

DATE: 12/15/97
STATUS: ACTIVE
APPROVAL DATE:
BUDGET YEAR 1997

COST TYPE	ACCOUNT DESCRIPTION	----- ACTUALS -----			-- REMAINING AFE --	
		CURRENT	TO DATE	TOTAL AFE	AMOUNT	-%
ICC 840	INTANGIBLE COMPLETION					
840.050	ICC - COMPLETION RIG	0	19406 26,921 9515	22,500	4,421-	20-
840.120	ICC - WATER & WATER HAULING	0	205 1,212 646	2,000	788	39
840.130	ICC - CEMENT & CEMENT SERVICES	0	16,861 -	12,000	4,861-	41-
840.140	ICC - LOGGING	0	4,224 -	1,800	2,424-	135-
840.180	ICC - RENTAL EQUIPMENT	0	3647 8,747 5100	5,000	3,747-	75-
840.190	ICC - TRANSPORTATION	0	672- 1,260- 588	2,500	1,240	50
840.210	ICC - CONTRACT LABOR	0	35 -	3,500	3,465	99
840.220	ICC - CONSULTING ENGINEER	0				
840.240	ICC - SUPERVISION	0	1,099 -	4,500	3,401	76
840.250	ICC - PROFESS'L FEES 3RD PARTY	0	91 -		91-	
840.300	ICC - OVERHEAD	0	2,550 -	1,100	1,450-	132-
840.310	ICC - HOT OIL TREATMENT	0		2,000	2,000	100
840.320	ICC - CASING CREWS & SERVICES	0	3,696 -	5,000	1,304	26
840.330	ICC - PERFORATING	0	11943 12,963 1020	5,700	7,263-	127-
840.345	ICC - CHEMICAL & TREATING	0				
840.350	ICC - FRACTURING	0	65242 81,945 16703	58,000	23,945-	41-
840.370	ICC - COMPLETION TESTING	0	150 -	5,000	4,850	97
840.380	ICC - CASING ACCESSORIES	0				
TOTAL	840 INTANGIBLE COMPLETION		99115 161,752	130,600	31,154-	24-

W.O. COSTS

Posted to wrong AFE

IDC 830	INTANGIBLE DRILLING COST					
830.010	IDC - PERMITS & SURVEYS	0	2,650	5,000	2,350	47
830.030	IDC - LOCATION & ROADS	0	8,352	10,000	1,648	16
830.040	IDC - INSURANCE & BONDS	0	400	400		
830.050	IDC - CASING CREW	0		500	500	100
830.060	IDC - DAYRATE DRILLING	0	4,182		4,182-	
830.070	IDC - FOOTAGE DRILLING	0	72,878	76,894	4,017	5
830.100	IDC - DRILLING MUD	0	4,602	7,500	2,898	39
830.120	IDC - WATER & WATER HAULING	0	3,113	2,500	613-	25-
830.130	IDC - CEMENT & CEMENT SERVICES	0	3,505	4,500	995	22
830.140	IDC - OPEN HOLE LOGS	0	11,714	11,000	714-	6-
830.160	IDC - CORING	0		1,500	1,500	100
830.170	IDC - DRILL STEM TESTING	0	745		745-	
830.180	IDC - RENTAL EQUIPMENT	0	4,823	3,500	1,323-	38-
830.190	IDC - TRANSPORTATION	0	3,876	2,000	1,876-	94-
830.210	IDC - CONTRACT LABOR	0		750	750	100
830.240	IDC - SUPERVISION	0	1,132	3,300	2,168	66
830.250	IDC - PROFESS'L FEES 3RD PARTY	0		750	750	100
830.300	IDC - OVERHEAD	0	1,093	1,750	657	38
TOTAL	830 INTANGIBLE DRILLING COST		123,065	131,844	8,780	7

SE 865	SURFACE EQUIPMENT					
865.180	SE - PUMP UNIT, ENGINE, MOTOR	0	27,688	21,400	6,288-	29-
865.245	SE - PUMPS (CHEM, TRIPLEX)	0	528	1,000	472	47
865.250	SE - FLOWLINE & CONNECTORS	0	33,062	7,624	25,438-	334-
865.255	SE - TRACELINES, HEATERS, GLYPOT	0	9,106	10,400	1,295	12
865.270	SE - SITE, ROAD, FENCE, GATE	0	1,224	9,000	7,776	86
865.275	SE - PADS & SKIDS	0		400	400	100
865.290	SE - INSTALLATION LABOR	0		7,500	7,500	100

865.300	SE - GAS & SALES LINES	0	1,278	7	898-	236-
865.310	SE - INSULATION	0		5, J	5,000	100
865.320	SE - VALVES, FITTINGS, MISC.	0	69	3,500	3,431	98
TOTAL 865 SURFACE EQUIPMENT			72,954	66,204	6,750-	10-
TCC 860 TANGIBLE COMPLETION COST						
860.040	TCC - PRODUCTION CASING	0	39,398	30,804	8,589-	28-
860.070	TCC - OTHER WELLHEAD EQUIPMENT	0	4,570		4,670-	
860.090	TCC - BOTTOM HOLE PUMP	0	142	2,600	1,838	71
860.110	TCC - SUBSURFACE EQUIPMENT	0	1,786	850	886-	104-
860.120	TCC - TUBING	0	9,817	12,264	2,417	20
860.130	TCC - TUBING HEADS	0		3,400	3,400	100
860.170	TCC - SUCKER RODS	0	4,946	5,139	193	4
TOTAL 860 TANGIBLE COMPLETION COST			61,354	55,057	6,297-	11-
TDC 850 TANGIBLE DRILLING COST						
850.020	TDC - SURFACE CASING	0	5,026	2,315	2,711-	117-
850.035	TDC - CASING HEAD	0	965	1,200	235	20
TOTAL 850 TANGIBLE DRILLING COST			5,990	3,515	2,476-	70-
WOE 867 WORKOVER EXPENSE						
867.040	WOE - HOT OIL TREATMENT	0	460		460-	
867.065	WOE - TUBING & RODS	0	241		241-	
867.080	WOE - BOTTOM HOLE PUMP REPAIR	0				
867.140	WOE - SUPERVISION	0	950		950-	
867.230	WOE - EQUIPMENT RENTAL	0	1,040 ✓		1,040-	
867.255	WOE - PACKER, DOWNHOLE TOOLS	0				
867.320	WOE - WORKOVER RIG	0				
867.330	WOE - WATER & WATER HAULING	0				
867.370	WOE - PERFORATING	0				
867.390	WOE - FRACTURING	0				
TOTAL 867 WORKOVER EXPENSE			2,691		2,691-	
AFE TOTAL			427,807	387,220	40,588-	10-

For Completion 101,806

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

RECEIVED
MAR 25 2005
DIV. OF OIL, GAS & MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 1420 H624736
2. NAME OF OPERATOR: Petroglyph Operating Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
3. ADDRESS OF OPERATOR: P.O. Box 607 CITY Roosevelt STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: 1420 H62 4650
4. LOCATION OF WELL FOOTAGES AT SURFACE: 660 FSL 660 FWL T4S QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW Sec 33, T5S, R3W		8. WELL NAME and NUMBER: Ute Tribal 33-13D3
PHONE NUMBER: 722-2531		9. API NUMBER: 43-013-31958
		10. 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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 3-14-05	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input checked="" type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

This well is being temporarily abandoned while waiting to be converted into an injector for the Green River water flood.

CONSENT TO OPERATION

NAME (PLEASE PRINT) <u>Matt Genser</u>	TITLE <u>Petroleum Engineer</u>
SIGNATURE <u>[Signature]</u>	DATE <u>03-22-05</u>

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

(5/2000)

Date: 7/22/05
By: [Signature]
* Jan 1, 2006