

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 1820' FSL & 673' FWL NW/SW
 At proposed prod. zone 205

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 15.5 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) 673'+

16. NO. OF ACRES IN LEASE
 616

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.
 6552'

19. PROPOSED DEPTH
 6552'

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5817.2' GRADED GROUND

22. APPROX. DATE WORK WILL START*
 AUGUST 1997

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-4737

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

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

9. AM WELL NO.
 #34-12-D3

10. FIELD AND POOL, OR WILDCAT
 ANTELOPE CREEK

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
 SEC. 34, 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. 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#	6552'	

CONFIDENTIAL

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

CONFIDENTIAL

RECEIVED
 AUG 20 1997
 DIV. OF OIL, GAS & MINING

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 8-14-97

(This space for Federal or State office use)

PERMIT NO. 43-013-31940 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 9/15/97

*See Instructions On Reverse Side

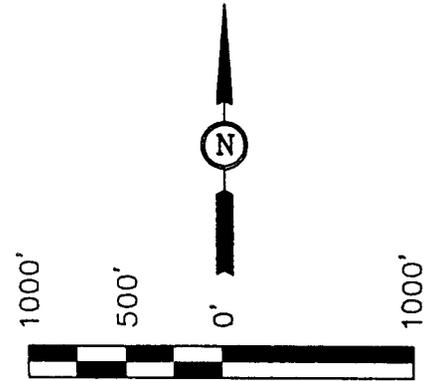
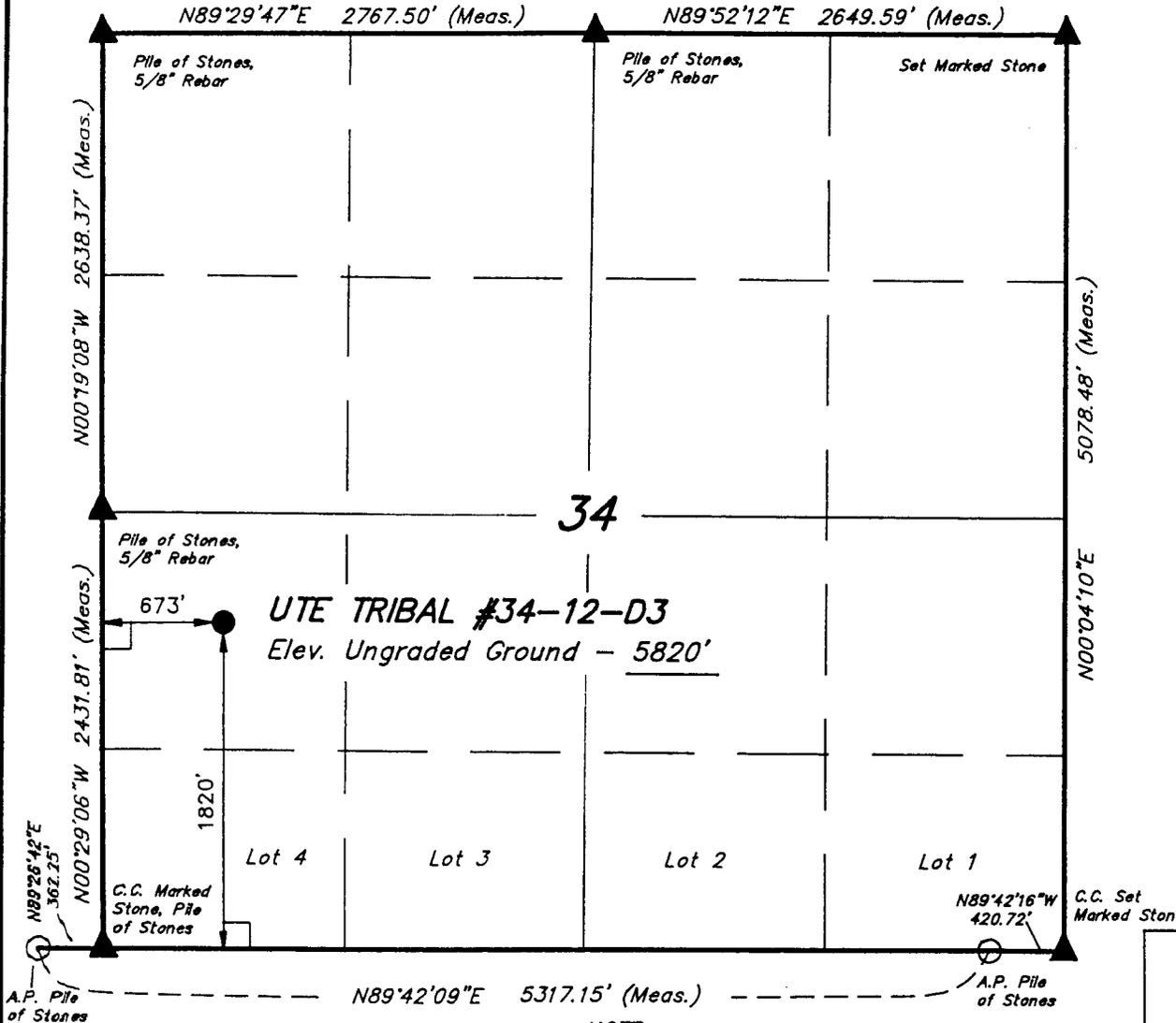
T4S, R3W, U.S.B.&M.

PETROGLYPH OPERATING CO., INC.

Well Location, UTE TRIBAL #34-12-D3,
located as shown in NW 1/4 SW 1/4 of
Section 34, T4S, R3W, U.S.B.&M.
Duchesne County, Utah.

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 5938 FEET.



SCALE

CERTIFICATE OF LAND SURVEY

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 SAID ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT L. [Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. [Number]
 STATE OF UTAH

LEGEND:

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

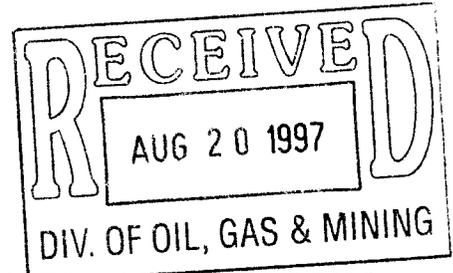
NOTE:
 BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SECTION 5, T5S, R3W, U.S.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR $N00^{\circ}02'E$.

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 7-7-97	DATE DRAWN: 7-29-97
PARTY L.D.T. B.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

August 14, 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 #34-12-D3
NW/SW, SEC. 34, T4S, R3W
DUCHESNE COUNTY, UTAH
LEASE NO. 14-20-H62-4737
SURFACE OWNER: ALTON 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,

Ed Trotter
Agent

Petroglyph Operating Co., Inc.

Attachments

/EHT/dmt

EIGHT POINT PLAN

UTE TRIBAL #34-12-D3
NW/SW, SEC. 34, T5S R3W
DUCHESNE COUNTY, UTAH

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

FORMATIONS	DEPTH	SUBSEA
Mahogany Shale	3047	2780
"X" Marker	4702	1125
Douglas Creek	4807	1020
"B" Limestone	5219	608
B/Castle Peak Limestone	5817	10
Basal Carbonate Limestone	6222	-395
Total Depth	6552	-725
Anticipated BHP	2000 psi	

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Oil/Gas	Douglas Creek	4807	1020
Oil/Gas	B/Castle Peak	5817	10
Other mineral zones	N/A		

3. PRESSURE CONTROL EQUIPMENT : BOP Schematic Diagram attached.

4. CASING PROGRAM :

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>MINIMUM SAFETY FACTOR</u>		
						<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
12 1/4	0' - 250'	250'	8 5/8	24.0 #	J-55	1370 PSI	2950 PSI	263,000#
7 7/8	0' - 6552'	6552'	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 #34-12-D3
NW/SW, SEC. 34, T5S 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 #34-12-D3
NW/SW, SEC. 34, T5S R3W
DUCHESNE COUNTY, UTAH

9. STANDARD REQUIRED EQUIPMENT:

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

10. HAZARDOUS CHEMICALS:

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

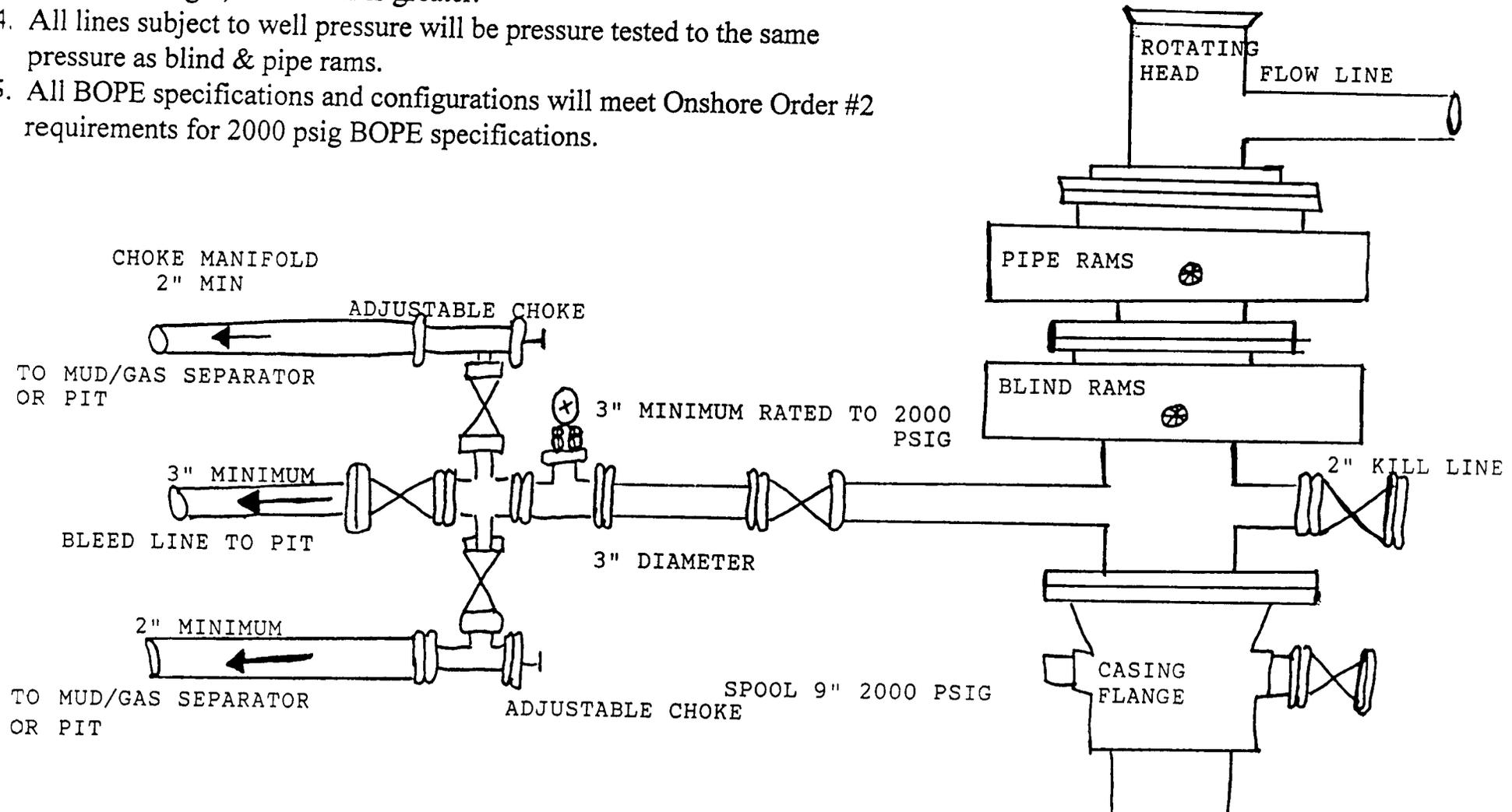
(Attachment: BOP Schematic Diagram)

2000 PSIG DIAGRAM

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

TESTING PROCEDURE:

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



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

Company/Operator: Petroglyph Operating Company
Well Name & Number: UTE TRIBAL #34-12-D3
Lease Number: 14-20-H62-4737
Location: 1820' FSL & 673' FWL, NW/SW, Sec. 34, T4S, R3W
U.S.B.&M., Duchesne County, Utah
Surface Ownership: Alton 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 15.5 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 300 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.

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 - 9*
- 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 natural gas pipeline will be laid approximately 300' from proposed location to a point in the NW/SW of Section 34, 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 East 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 West side of the location.

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

The stockpiled topsoil will be stored on the East side.

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 _____

N/A Corner No. 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.

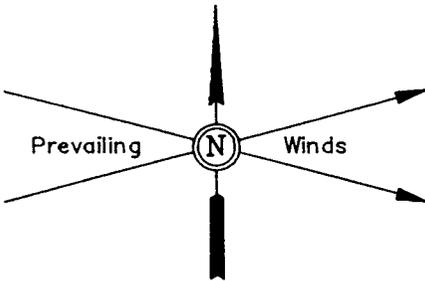
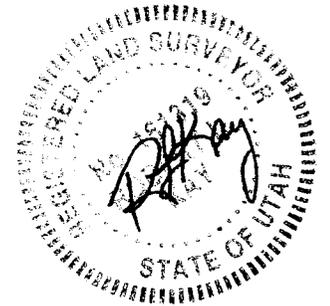
8-14-97
Date


Ed Trotter-Agent-
Petroglyph Operating Company

PETROGLYPH OPERATING CO., INC.

LOCATION LAYOUT FOR

UTE TRIBAL #34-12-D3
SECTION 34, T4S, R3W, U.S.B.&M.
1820' FSL 673' FWL



SCALE: 1" = 50'
DATE: 7-30-97
Drawn By: C.B.T.

NOTE:

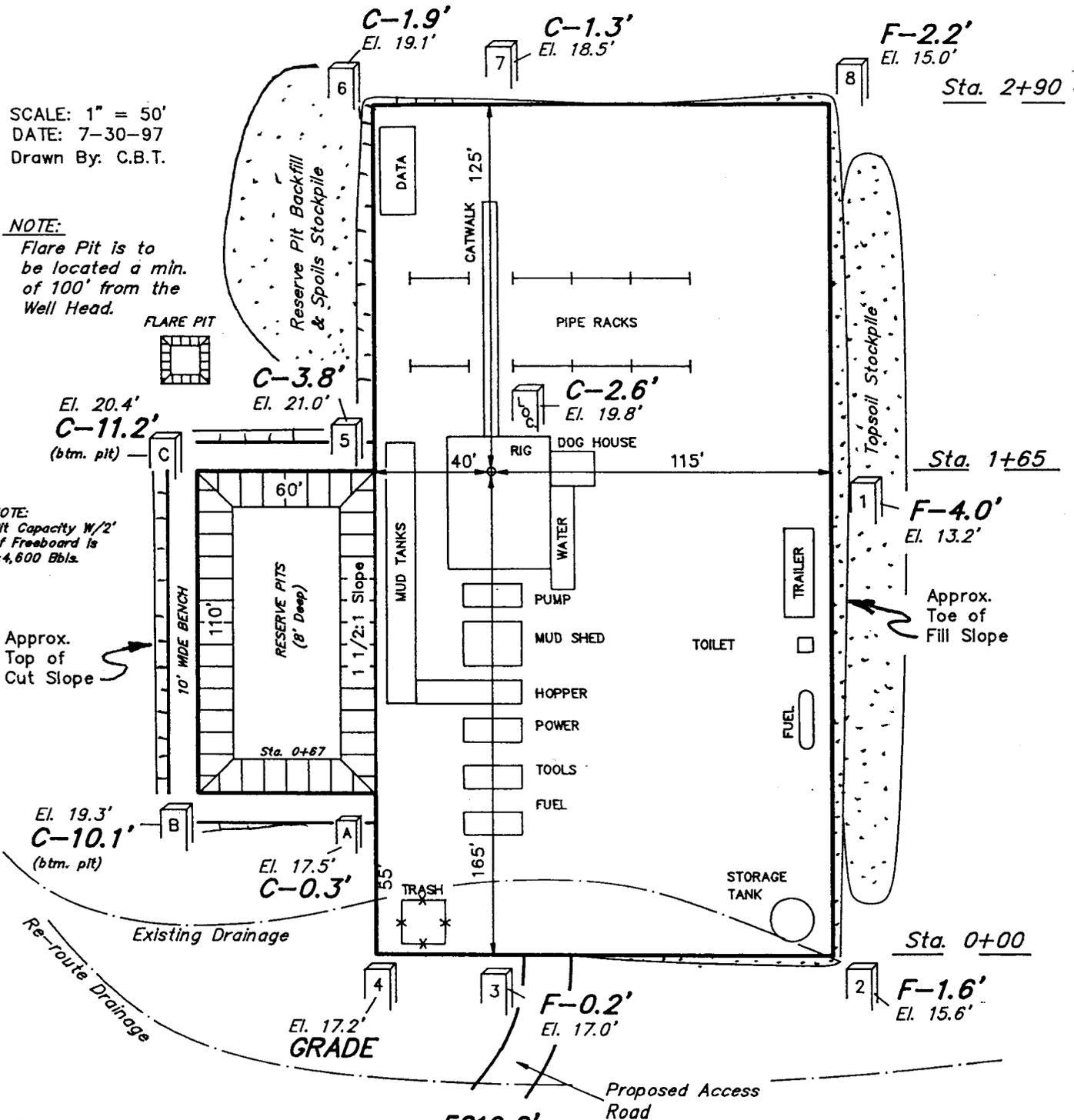
Flare Pit is to be located a min. of 100' from the Well Head.

FLARE PIT



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

Approx. Top of Cut Slope

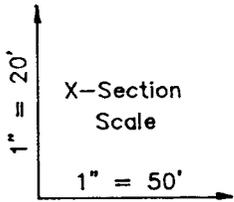
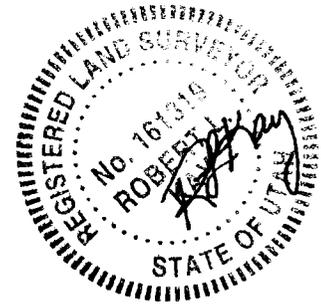


Elev. Ungraded Ground at Location Stake = 5819.8'
Elev. Graded Ground at Location Stake = 5817.2'

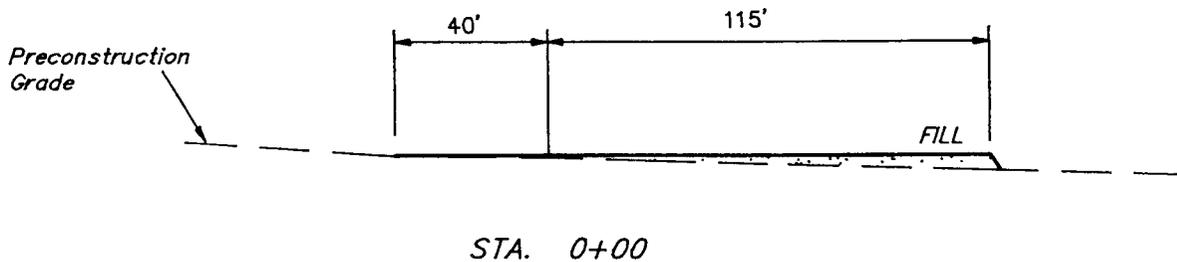
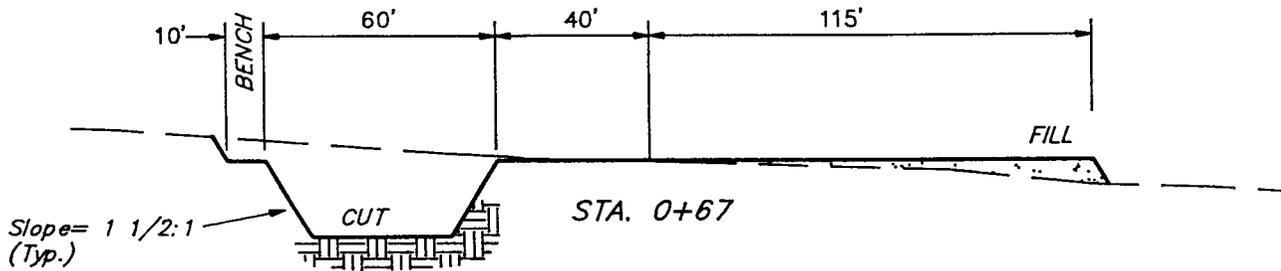
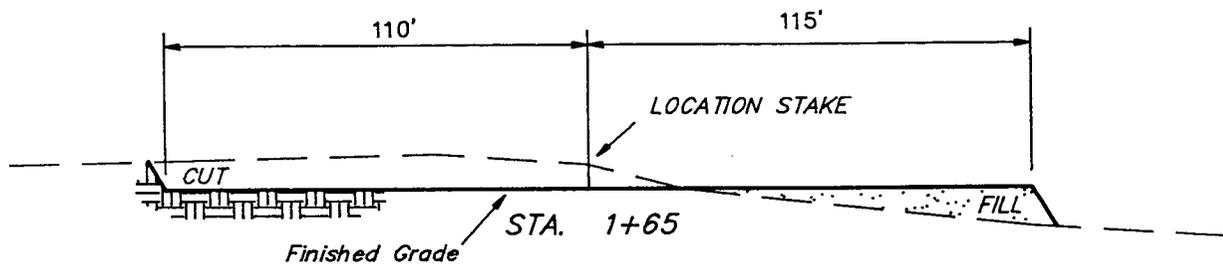
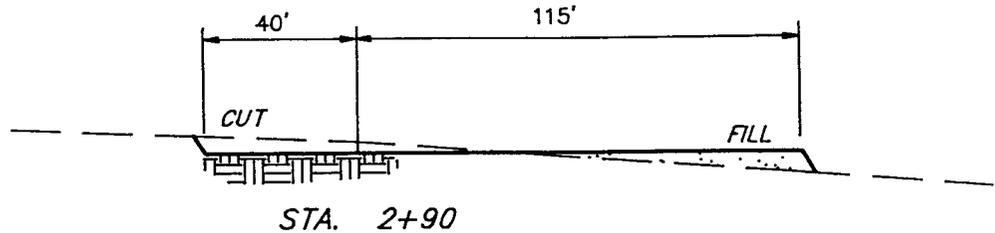
PETROGLYPH OPERATING CO., INC.

TYPICAL CROSS SECTIONS FOR

UTE TRIBAL #34-12-D3
SECTION 34, T4S, R3W, U.S.B.&M.
1820' FSL 673' FWL



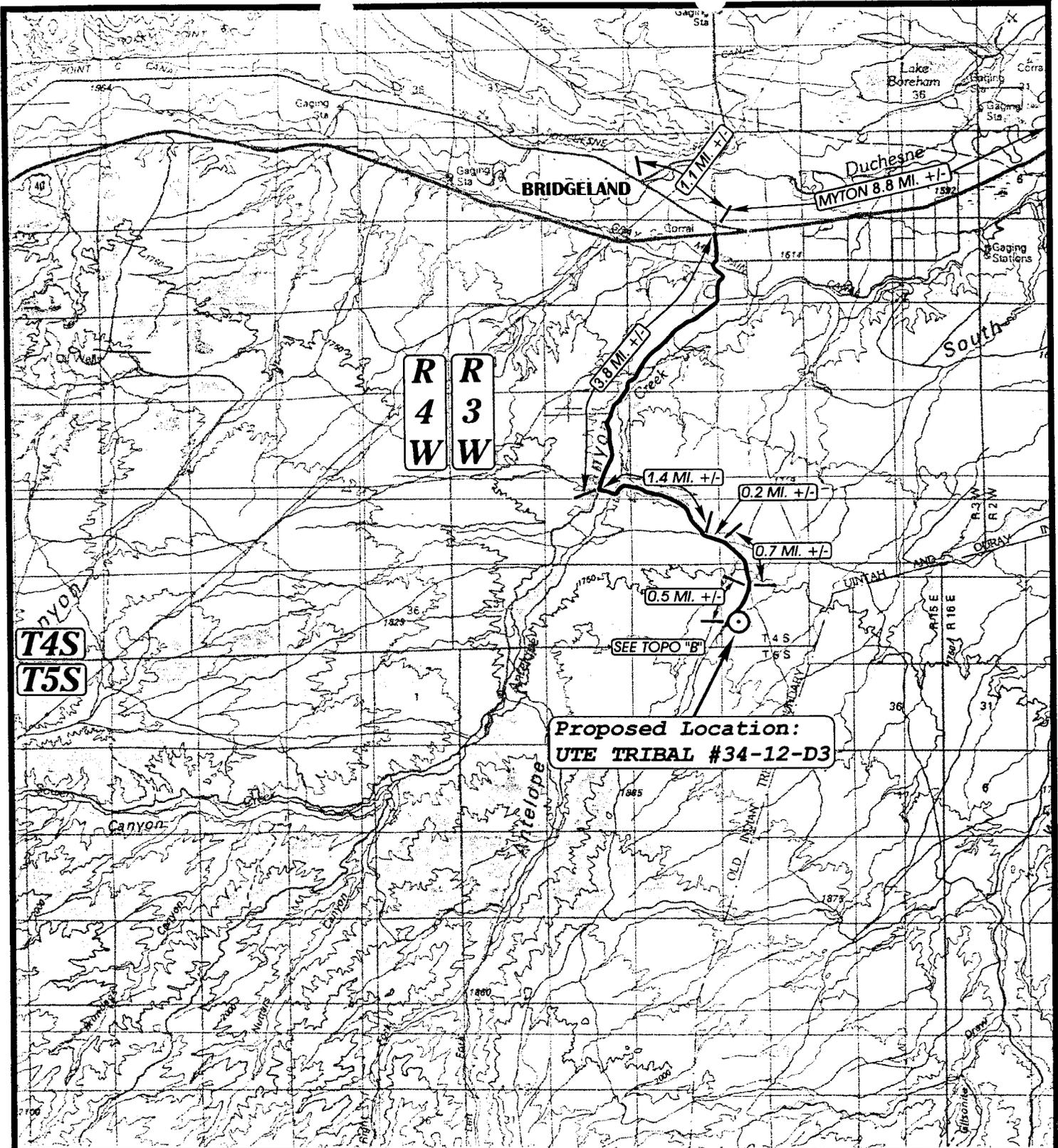
DATE: 7-30-97
Drawn By: C.B.T.



APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	960 Cu. Yds.
Remaining Location	=	2,790 Cu. Yds.
TOTAL CUT	=	3,750 CU.YDS.
FILL	=	1,990 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	1,660 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,650 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	10 Cu. Yds.



LEGEND:

○ PROPOSED LOCATION



PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #34-12-D3
SECTION 34, T4S, R3W, U.S.B.&M.
1820' FSL 673' FWL



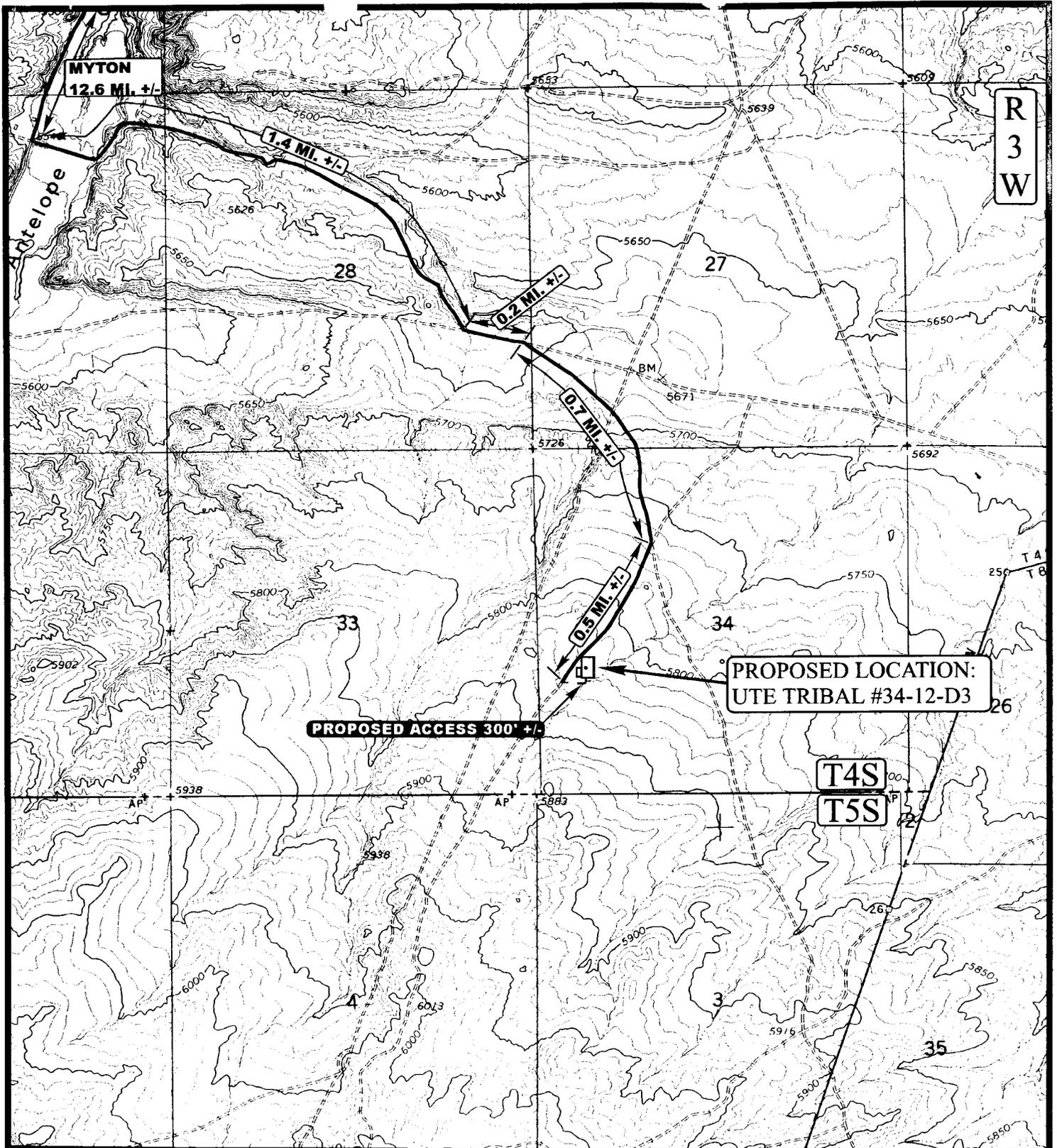
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(801) 789-1017 * FAX (801) 789-1813
Email: ucls@casilink.com

TOPOGRAPHIC
MAP

7	9	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 #34-12-D3
 SECTION 34, T4S, R3W, U.S.B.&M.
 1820' FSL 673' FWL



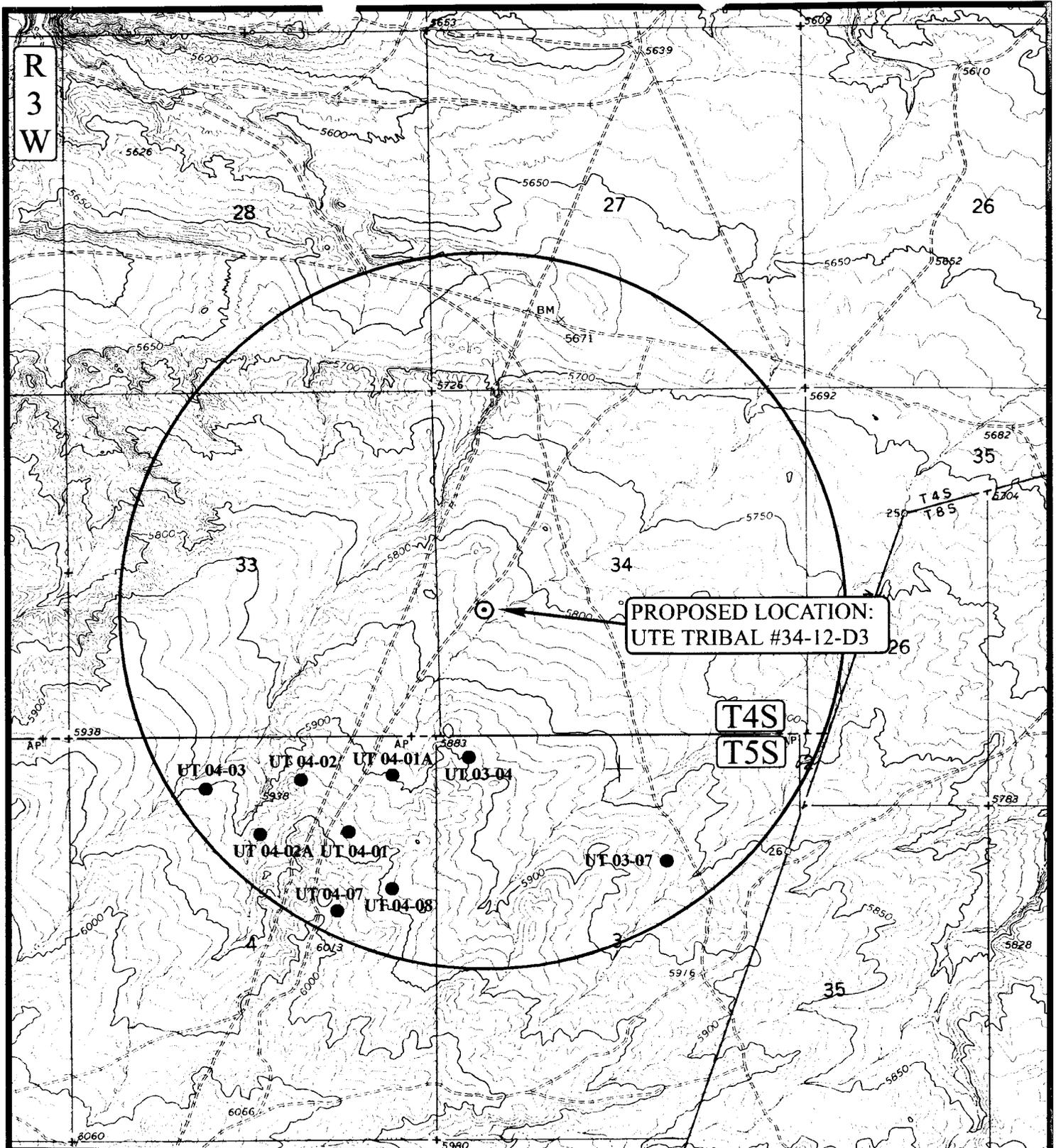
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (801) 789-1017 * FAX (801) 789-1813
 Email: uels@casilink.com

**TOPOGRAPHIC
 MAP**

7	9	97
MONTH	DAY	YEAR

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





**PROPOSED LOCATION:
UTE TRIBAL #34-12-D3**

**T4S
T5S**

LEGEND:

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



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



PETROGLYPH OPERATING CO., INC.

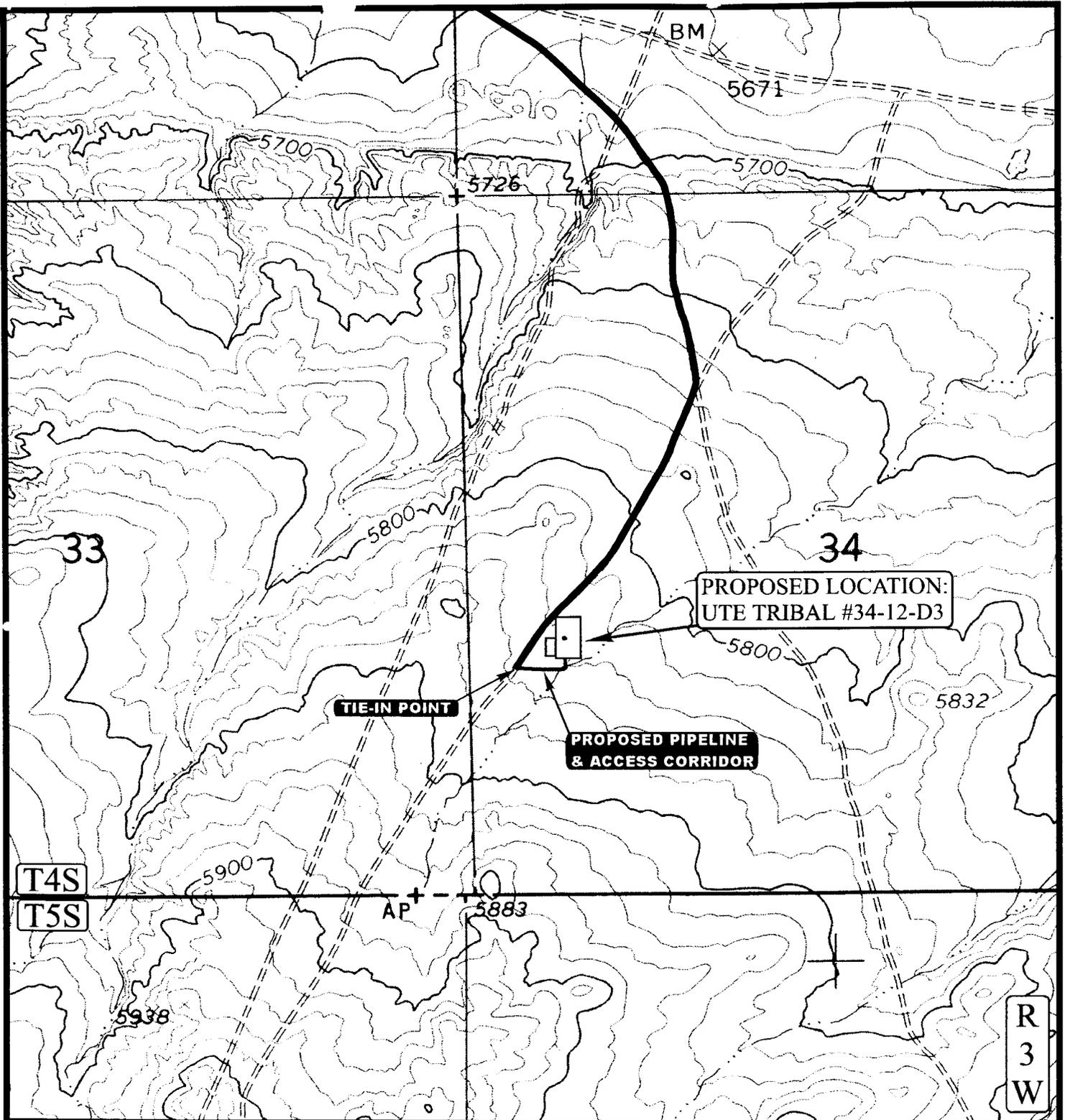
UTE TRIBAL #34-12-D3
SECTION 34, T4S, R3W, U.S.B.&M.
1820' FSL 673' FWL

**TOPOGRAPHIC
MAP**

7 10 97
MONTH DAY YEAR

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





APPROXIMATE TOTAL CORRIDOR DISTANCE = 300' +/-

LEGEND:

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS

PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #34-12-D3
 SECTION 34, T4S, R3W, U.S.B.&M.
 1820' FSL 673' 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	10	97
MONTH	DAY	YEAR

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

D
 TOPO

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/20/97

API NO. ASSIGNED: 43-013-31940

WELL NAME: UTE TRIBAL 34-12-D3
OPERATOR: PETROGLYPH OPERATING (N3800)

PROPOSED LOCATION:
NWSW 34 - T04S - R03W
SURFACE: 1820-FSL-0673-FWL
BOTTOM: 1820-FSL-0673-FWL
DUCHESNE COUNTY
UNDESIGNATED FIELD (002)

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

LEASE TYPE: IND
LEASE NUMBER: 14-20-H62-4737

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 43-10152)

RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

R649-2-3. Unit: _____

R649-3-2. General.

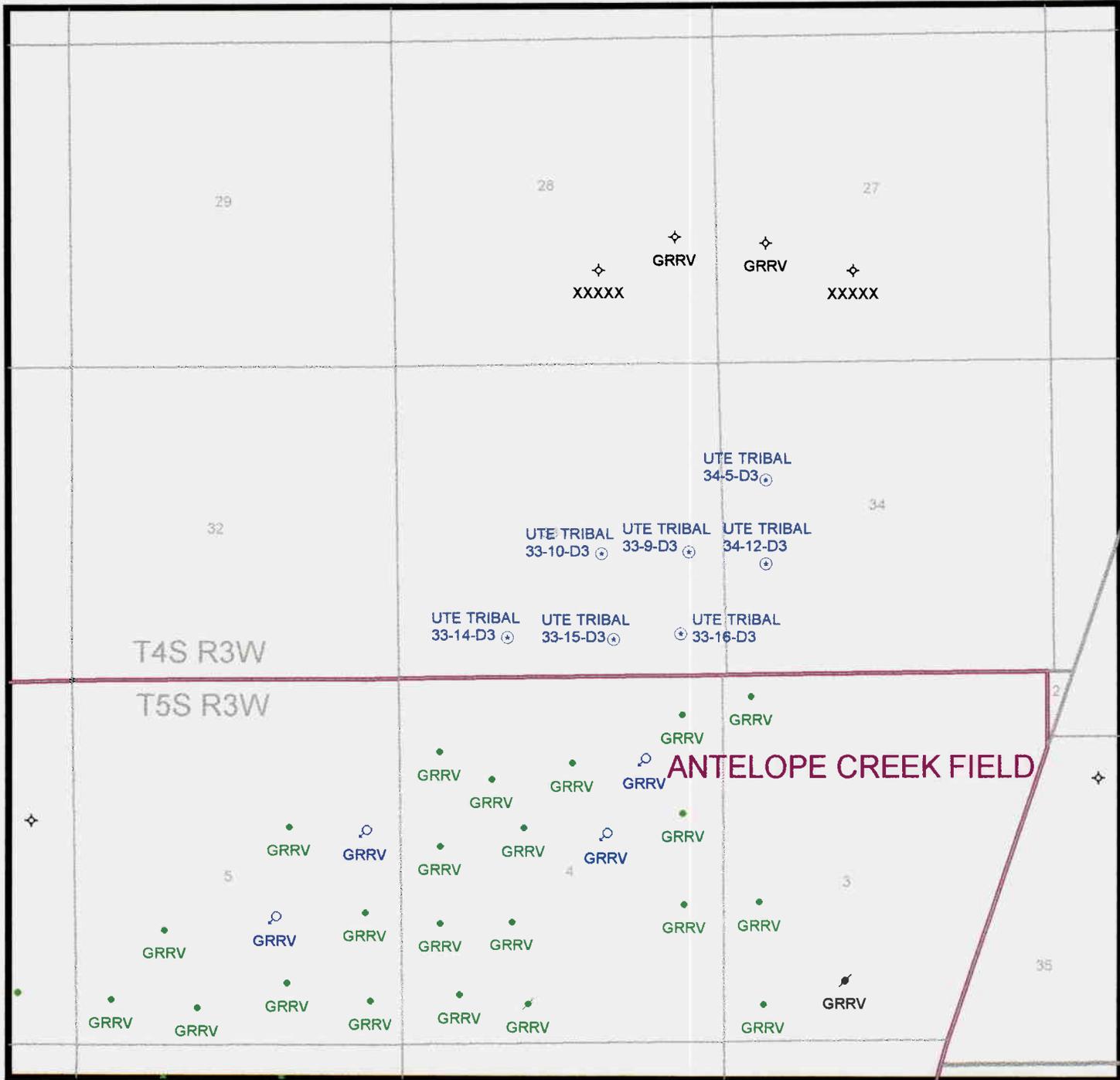
R649-3-3. Exception.

Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS: Conf status req.

STIPULATIONS: _____

OPERATOR: PETROGLYPH (N3800)
FIELD: UNDESIGNATED (002)
SEC, TWP, RNG: 33 & 34, T4S, R3W
COUNTY: DUCHESNE UAC: R649-3-2



PREPARED:
DATE: 21-AUG-97



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

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

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

September 15, 1997

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

Re: Ute Tribal 34-12-D3 Well, 1820' FSL, 673' FWL, NW SW,
Sec. 34, 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 43-013-31940.

Sincerely,

A handwritten signature in cursive script 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
Well Name & Number: Ute Tribal 34-12-D3
API Number: 43-013-31940
Lease: 14-20-H62-4737
Location: NW SW Sec. 34 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 1820' FSL & 673' FWL NW/SW
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15.5 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) 673' ±

16. NO. OF ACRES IN LEASE
616

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.
6552'

19. PROPOSED DEPTH
6552'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5817.2' GRADED GROUND

22. APPROX. DATE WORK WILL START*
AUGUST 1997

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-4737

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.
#34-12-D3

10. FIELD AND POOL, OR WILDCAT
ANTELOPE CREEK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 34, T4S, R3W

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UTAH

RECEIVED
AUG 18 1997

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 ZONE 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#	6552'	

RECEIVED
SEP 17 1997
DIV. OF OIL, GAS & MINING

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

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 8-14-97

(This space for Federal or State office use)

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 [Signature] TITLE Assistant Field Manager Mineral Resources DATE SEP 12 1997

DOGMA
UT 0-20-11-386

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Petroglyph Operating Company

Well Name & Number: Ute Tribal 34-12-D3

API Number: 43-013-31940

Lease Number: 14-20-H62-4737

Location: NWSW Sec. 34 T. 4S R. 3W

NOTIFICATION REQUIREMENTS

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

3. Casing Program and Auxiliary Equipment

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

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at ± 332 ft. or by setting the surface casing at ± 382 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

A cement bond log (CBL) will be run from the production casing shoe to **TOP OF CEMENT** if the surface casing is set at ± 382 ft. or it will be run to **SURFACE** if the surface casing is set at ± 250 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

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

7. Other Information

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

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

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

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

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed.

All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

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

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

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

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

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

Wayne Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

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

SURFACE USE PROGRAM
Conditions of Approval (COAs)

The area is owned by a private individual. Petroglyph will comply with the private landowner's access agreement on all mitigative measures.

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.

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: PETROGLYPH OPERATING

Well Name: UTE TRIBAL 34-12D3

Api No. 43-013-31940

Section 34 Township 4S Range 3W County DUCHESNE

Drilling Contractor UNION

Rig # 16

SPUDDED:

Date 1/14/98

Time _____

How ROTARY

Drilling will commence _____

Reported by CHUCK WHITE

Telephone # _____

Date: 1/15/98 Signed: JLT

✓

(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 #34-12D3 API NO 43-013-31940

QTR/QTR: NW/SW SECTION: 34 TWP: 4S RANGE: 3W

CONTRACTOR: UNION DRILLING COMPANY RIG NUMBER: #16

INSPECTOR: DENNIS L. INGRAM TIME: 9:15 AM DATE: 1/20/98

SPUD DATE: DRY: 1/14/98 ROTARY: 1/14/98 PROJECTED T.D.: 6700'

OPERATIONS AT TIME OF VISIT: WORK ON DRILLING RIG--CRACKED GOOSE
NECK ON KELLY.

WELL SIGN: NO MUD WEIGHT 8.5+ LBS/GAL BOPE: YES

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,

1600 PSI ON MANIFOLD; 2200 PSI ON KOOMEY

REMARKS:

(LAST HOLE WAS UT #33-13D3, T.D.'D ON 1/13/98 AT 6489 FEET,

AND RAN 145 JOINTS OF 5 1/2", 15.5# LT&C CASING TO BOTTOM).

DRILL RIG IS PRESENTLY 5096 FEET DEEP. THEY HAVE SET 496' OF.

8 5/8" 24# J-55 SURFACE CASING AT 506'. SURVEYS SHOW 2 3/4

DEGREES AT 4560'; 2 DEGREES AT 3550'; 1/2 DEGREES AT 2300'; AND

1/4 DEGREES AT 1615'.

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 #34-12D3 API NO 43-013-31940

QTR/QTR: NW/SW SECTION: 34 TWP: 4S RANGE: 3W

CONTRACTOR: UNION DRILLING COMPANY RIG NUMBER: #16

INSPECTOR: DENNIS L INGRAM TIME: 9:15 AM DATE: 1/20/98

SPUD DATE: DRY: 1/14/98 ROTARY: 1/14/98 PROJECTED T.D.: 6700'

OPERATIONS AT TIME OF VISIT: WORK ON DRILLING RIG--CRACKED GOOSE
NECK ON KELLY.

WELL SIGN: NO MUD WEIGHT 8.5+ LBS/GAL BOPE: YES

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,

1600 PSI ON MANIFOLD; 2200 PSI ON KOOMEY

REMARKS:

(LAST HOLE WAS UT #33-13D3, T.D. 'D ON 1/13/98 AT 6489 FEET,
AND RAN 145 JOINTS OF 5 1/2", 15.5# LT&C CASING TO BOTTOM).
DRILL RIG IS PRESENTLY 5096 FEET DEEP. THEY HAVE SET 496' OF.
8 5/8" 24# J-55 SURFACE CASING AT 506'. SURVEYS SHOW 2 3/4
DEGREES AT 4560'; 2 DEGREES AT 3550'; 1/2 DEGREES AT 2300'; AND
1/4 DEGREES AT 1615'.

FORM 7

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Ute Tribal 34-1203

API number: 43-013-31940

2. Well Location: QQ NW Section 34 Township 4S Range 3W County Duchesne

3. Well operator: Petroglyph Operating Company, Inc.

Address: P.O. Box 607
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		
<u>0</u>	<u>189</u>	<u>Dry</u>	
<u>189</u>	<u>521</u>	<u>Damp no circ left surface pump no sample</u>	
<u>521</u>	<u>995</u>	<u>Dry</u>	
<u>995</u>	<u>2750</u>	<u>Damp no circ left surface pump no sample</u>	
<u>2750</u>		<u>1/2" STAM x 7"</u>	<u>SAMPLE</u>
			<u>0104210</u>

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: 1/23/98

Name & Signature: Lisha Bell

Title: Operations Coordinator

Kalvin

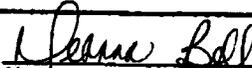
OPERATOR Petroglyph Operating Company, Inc OPERATOR ACCT. NO. N 3800
 ADDRESS P.O. Box 607
Roosevelt, UT 84066

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					Q0	SC	TP	RG			
A	12270	→	43-013-31940	Ute Tribal 34-1203	NW1/4	34	4S	3W	Duchesne	1-14-98	
WELL 1 COMMENTS: <p style="text-align: center;">Ute Tribal 34-1203 is a tank battery Entity added 4-17-98. (Common Tank) <i>fcc</i></p>											
WELL 2 COMMENTS: <p style="text-align: center;">CONFIDENTIAL</p>											
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)
 - D - 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)


 Signature Deanna Bell
 Operations Coordinator 1-30-98
 Title Date
 Phone No. 801 722-2531

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

PETROGLYPH

LISHA C

003

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
(See other instructions on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-4737

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
Ute Tribal 34-12D3

10. FIELD AND POOL, OR WILDCAT
Antelope Creek

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
NWSW Sec. 34-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 Diff. Reserv. Other _____

2. NAME OF OPERATOR
PETROGLYPH OPERATING COMPANY, INC.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1820' FSL 673' FWL

At top prod. interval reported below

At total depth 6682' RTD

CONFIDENTIAL

14. PERMIT NO.
43-013-31940

DATE ISSUED
9/15/97

12. County or Parish
Duchesne

13. State
Utah

15. DATE SPUDDED 1/14/98

16. DATE T.D. REACHED
1/22/98

17. DATE COMPLETED (Ready to prod.)
2/12/98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5827' KB

19. ELEV. CASINGHEAD
5817' GGL

20. TOTAL DEPTH, MD & TVD
6682'

21. PLUG BACK T.D., MD & TVD
6639' PBTD

22. IF MULTIPLE COMPL., HOW MANY*
2

23. INTERVALS DRILLED BY
ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION -- TOP, BOTTOM, NAME (MD AND TVD)*
Green River H1, H2, W2

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma Ray to surface, Density - Compensated Neutron Porosity Log, AIT (normal suite)

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#	511'	12-1/4"	250 sxs Class 6 w/ 2% CaCl ₂ , all cement had .25#/sk cellophane flake		
5-1/2"	15.5#	6677'	7-7/8"	135 sxs Highfill, followed by 465 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"	6514'	

31. PERFORATION RECORD (Interval, size and number)
CONFIDENTIAL
W2 6542-48' (24 holes)
H2 6436-40' (16 holes)
H1 6404-08' (16 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		AMOUNT AND KIND OF MATERIAL USED	
DEPTH INTERVAL (MD)			
6542-48'		10002 gal Boragel 30, 49000# 20/40 prop	
6404-08' - 6436-40'		9756 gal Boragel 30, 51500# 20/40 prop	

33. DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL. #	GAS - MCF. 10	WATER - BBL. 5	GAS-OIL RATIO
2/17/98	24						
2/20/98	24						
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HR. RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
	250						

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

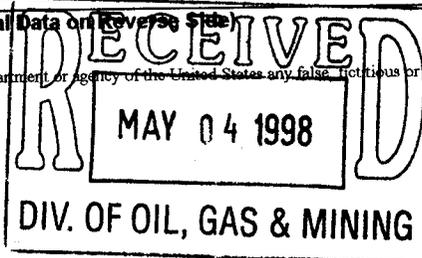
James Bell

Title Operations Coordinator

Date 4/11/98

* (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 34-12D3 B Marker X Marker Douglas Creek B Limestone Castle Peak Basal Carbonate	4180 4680 4830 5218 5810 6188	CONFIDENTIAL				

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-H62-4737

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

7. UNIT AGREEMENT NAME

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

FARM OR LEASE NAME

2. NAME OF OPERATOR
PETROGLYPH OPERATING COMPANY, INC.

9. WELL NO.
Ute Tribal 34-12D3

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

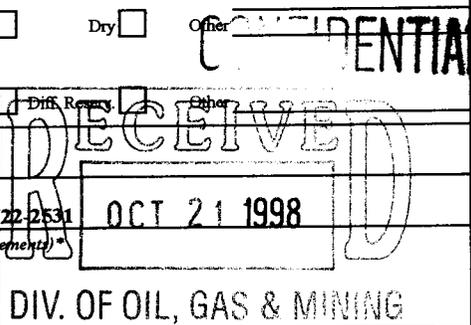
10. FIELD AND POOL, OR WILDCAT
Antelope Creek

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1820' FSL 673' FWL

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
NWSW Sec. 34-T4S-R3W

At top prod. interval reported below

At total depth 6682' RTD



14. PERMIT NO. 43-013-31940
DATE ISSUED 9/15/97

12. County or Parish
Duchesne

13. State
Utah

15. DATE SPUDED 1/14/98
16. DATE T.D. REACHED 1/22/98
17. DATE COMPLETED (Ready to prod.) 8/29/98
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5827' KB
19. ELEV. CASINGHEAD 5817' GGL

20. TOTAL DEPTH, MD & TVD 6682'
21. PLUG BACK T.D., MD & TVD 6639' PBTD
22. IF MULTIPLE COMPL., HOW MANY* 6
23. INTERVALS DRILLED BY
ROTARY TOOLS
CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
Green River W2, H2, H1, D7.2, D7.1, D7, D3.3, D3.2, C6.1, B2

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma Ray to surface, Density - Compensated Neutron Porosity Log, AIT (normal suite)

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#	511'	12-1/4"	250 sxs Class 6 w/ 2% CaCl2, all cement had .25#/sk cellophane flake		
5-1/2"	15.5#	6677'	7-7/8"	135 sxs Highfill, followed by 465 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"	6514'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
CONFIDENTIAL		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
D7.2 5618-24' (24 holes)	D3.3 5304-08' (16 holes)	5556-60' - 5618-24'	10313 gals Delta frac, 19000# 20/40 prop & 27800# 16/30 prop
D7.2 5556-60' (16 holes)	D3.2 5290-94' (16 holes)	5435-39' - 5454-58'	7464 gals 12500# 20/40 prop, 19240# 16/30 prop
D7.1 5454-58' (16 holes)	C6.1 5085-90' (20 holes)	5344-48'	5187 gals Delta frac, 10000# 20/40 prop, 11000# 16/30 prop
D7.1 5435-39' (16 holes)	B2 4287-94' (28 holes)	5290-94' - 5304-08'	6994 gals Delta frac, 15500# 20/40 prop & 8500# 16/30 prop
D7 5344-48' (16 holes)		5085-90'	5546 gals Delta frac, 10000# 20/40 prop & 11000# 16/30 prop
		4287-94'	7403 gals Delta frac 25, 10000# 20/40 prop & 25900# 16/30 prop

33. PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION	returned to prd	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
9/2/98	24			102	0	216	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HR. RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
	54						

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

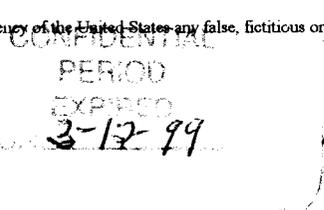
TEST WITNESSED BY
Dave Schreiner

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 Diana Bell Title Operations Coordinator Date 10/16/98

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



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

2. NAME OF OPERATOR
PETROGLYPH OPERATING COMPANY, INC.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1820' FSL 673' FWL
At top prod. interval reported below

At total depth 6682' RTD

15. DATE SPUDED 1/14/98
16. DATE T.D. REACHED 1/22/98
17. DATE COMPLETED (Ready to prod.) 8/29/98

20. TOTAL DEPTH, MD & TVD 6682'
21. PLUG BACK T.D., MD & TVD 6639' PBTD
22. IF MULTIPLE COMPL., HOW MANY* 6
23. INTERVALS DRILLED BY ROTARY TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION -- TOP, BOTTOM, NAME (MD AND TVD)*
Green River W2, H2, H1, D7.2, D7.1, D7, D3.3, D3.2, C6.1, B2

26. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma Ray to surface, Density - Compensated Neutron Porosity Log, AIT (normal suite)

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#	511'	12-1/4"	250 sxs Class 6 w/ 2% CaCl2, all cement had .25#/sk cellophane flake	
5-1/2"	15.5#	6677'	7-7/8"	135 sxs Highfill, followed by 465 sxs Thixotropic	

29. LINER RECORD

SIZE	TOP	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	6514'	

31. PERFORATION RECORD (Interval, size and number)

CONFIDENTIAL

INTERVAL	SIZE	HOLES
D7.2 5618-24'	24	(24 holes)
D7.2 5556-60'	16	(16 holes)
D7.1 5454-58'	16	(16 holes)
D7.1 5435-39'	16	(16 holes)
D7 5344-48'	16	(16 holes)
D3.3 5304-08'	16	(16 holes)
D3.2 5290-94'	16	(16 holes)
C6.1 5085-90'	20	(20 holes)
B2 4287-94'	28	(28 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5556-60' - 5618-24'	10313 gals Delta frac, 19000# 20/40 prop & 27800# 16/30 prop
5435-39' - 5454-58'	7464 gals 12500# 20/40 prop, 19240# 16/30 prop
5344-48'	5187 gals Delta frac, 10000# 20/40 prop, 11000# 16/30 prop
5290-94' - 5304-08'	6994 gals Delta frac, 15500# 20/40 prop & 8500# 16/30 prop
5085-90'	5546 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)
8/29/98	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
9/2/98	24			102	0	216	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HR. RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
	54					

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 _____ Title Operations Coordinator Date 10/16/98

* (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.

WTC
12-23-98
RJK

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	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ute Tribal 34-12D3 B Marker X Marker Douglas Creek B Limestone Castile Peak Basal Carbonate	4180 4680 4830 5218 5810 6188	CONFIDENTIAL					

RE-COMPLETION REPORT

10/21/98

Petroglyph Operating Co., Inc.

Operator: Petroglyph Operating Company, Inc.		Elevation: 0	
Lease: Ute Tribal 34-12D3			0
API #: 43-013-31940	Property: 12480		
Location: 34 - 4 S - 3 W		AFE/EPE Number: 41369	
County, St.: Duchesne UT			

Activity Date	Daily Cost	Activity Description
---------------	------------	----------------------

8/29/98	\$3,806.00	
---------	------------	--

Final Completion Report

Finish repair on main drum on rig. Open well. SICIP & SITP @ 10,000# tension. NU production head. PU & RIH w/ pump & rods. Changing out 10 3/4" rod boxes. LD 8 slick 3/4" rods which were replaced w/ guided rod on bttm of sting. Seat pump & load hole w/ 2 bbls Kwtr. Stroke test to 700 psi. Install horses head & hang rods. RD service rig. Put well to pump. TWTR @ 1645 bbls.

TUBING DETAIL

	Length	Depth
KB	10.00	10.00
135 jts 2-7/8" 6.50 J55	7489.34	4199.34
1 5-1/2" B2 TAC	2.66	4202.00
71 jts 2-7/8" 6.50 J55	2199.99	6401.99
2-7/8" PSN	1.20	6403.19
1 jt 2-7/8" 6.50 J55	32.44	6435.63
2-7/8" MechSN/ gas anchor	.74	6436.37
2-7/8" perf sub 6.50 J55	6.09	6442.46
2 jts 2-7/8" 6.50 J55	63.08	6505.54
1 collar & plug	.74	6506.28

ROD DETAIL

1-1/2" x 22' pony rod/ liner
 1 each 4', 6', 8' x 7/8" pony
 88 slick 7/8" rods
 145 slick 3/4" rods
 22 guided 3/4" rods
 2-1/2" x 1-3/4" x 16' 40 ring PA

RE-COMPLETION REPORT

10/21/98

Petroglyph Operating Co., Inc.

Operator: Petroglyph Operating Company, Inc.	Elevation: 0
Well: Ute Tribal 34-12D3	0
County, St.: Duchesne UT	

Activity Date	Daily Cost	Activity Description
---------------	------------	----------------------

8/28/98	\$1,984.00	
---------	------------	--

Open well. SICP @ 50 psi. SITP @ 70 psi. Open well & swab D7.1 to B2 zones together. Made 19 runs. IFL @ 500'. FFL @ 1300'. Oil cut from trace to 2% on final run. RIH from 4200' & tag sand @ 5720'. Clean out to BVBP @ 5800'. Release BVBP & POOH. RIH w/ BHA & 5 stands. RD. Need repair on main drum. TWR swabbing today @ 99 bbls. SWIFN.

FLUID RECOVERY

Zone BLF:	1852
Zone BLFR:	207
Zone BLFTR:	1645
Zone % Rec:	11%
Well BLF:	1852
Well BLFR:	207
Well BLFTR:	1645
Well % Rec:	11%

8/27/98	\$2,294.00	
---------	------------	--

Open well 0# csg & 0# tbg. RIH from 4200 tag sand @ 5446'. Clean out to plug @ 5510'. Release plug, remove stripping head. POOH LD plug. RIH w/ BV retrieving head tag sand @ 5720'. POOH to 4200'. RU swab equipment IFL @ 1100'. Made 14 runs. Recovered 108-1/2 bbls of frac fluid. SI.

FLUID RECOVERY

Well BLF:	1852
Well BLFR:	108
Well % Rec:	6%

8/26/98	\$62,997.00	
---------	-------------	--

Open well 20# csg. RIH w/ retrieve head tag sand @ 5081'. Install stripping head POOH LD plug. RIH tag sand @ 5270' clean onto plug @ 5330' release. Remove stripping head POOH LD plug. RIH tag sand @ 5344' clean onto plug @ 5410', release. Remove stripping head POOH LD plug. RIH to 4200' top of perms install stripping head & SI.

RE-COMPLETION REPORT

10/21/98

Petroglyph Operating Co., Inc.

Operator: Petroglyph Operating Company, Inc.	Elevation: 0
Well: Ute Tribal 34-12D3	0
County, St.: Duchesne UT	

Activity Date	Daily Cost	Activity Description
---------------	------------	----------------------

8/25/98 \$103,578.00

PERFORATIONS:

5618-5624	Green River D (07.2)	4 SPF	24 shots
5556-5560	Green River D (07.2)	4 SPF	16 shots
5454-5460	Green River D (07.1)	4 SPF	24 shots
5435-5439	Green River D (07.1)	4 SPF	16 shots
5344-5348	Green River D (07)	4 SPF	16 shots
5304-5408	Green River D (03.3)	4 SPF	416 shots
5290-5294	Green River D (03.2)	4 SPF	16 shots
5085-5090	Green River C (06.1)	4 SPF	20 shots
4287-4294	Green River B (02)	4 SPF	28 shots

Open well. SICP @ 0 psi. RU HES & frac C6.1 zone. MTP @ 2573' @ 27 BPM. ATP @ 2300 psi @ 26.5 BPM. ISIP @ 1842 psi. 5 min @ 1720 psi. Lube in well w/ RBP & perf gun. Set RBP @ 4400' & test to 3000 psi. Perf B2 zone @ 4287-97 w/ 4 spf, 28 holes. Spot HCl w/ bailer & bkdn @ 1800 psi. Inj. rate @ 3 BPM @ 1500 psi. Frac B2 zone. MTP @ 2062 psi @ 26.5 BPM. ATP @ 1890 psi @ 25 BPM. ISIP @ 1940 psi, 5 min @ 1791 psi. Flow well to pit @ 5 min @ +/- 60 BPH to 0 psi. Flowed to 72 bbls to 0 psi. RIH w/ ret. Head & tag sand @ 4300'. Clean out to RBP @ 1400' & release. POOH w/ RBP. SWIFN. Displace @ flowed +/- 30 bbls during trip. TWR @ 102 bbls.

STIMULATION TREATMENT C6.1 5085-90

Volume (gal): 250/55, 1500, 4046, 5036
 Fluid type: acid/paracheck, delta frac, delta frac, Kwtr
 Proppant: 20/40 & 16/30
 Total lbs: 10,000 & 11,000
 Ramp range: 1-8 ppg

TREATING PRESSURE

Maximum: 2573 psi @ 27 BPM
 Average: 2300 psi @ 26.5 BPM

SHUT-IN PRESSURE

ISIP: 1842
 5 min: 1720

FLUID RECOVERY

Zone BLF: 1871
 Zone BLFR: 102
 Zone BLFTR: 1769
 Zone % Rec: 5%
 Well BLF: 1871
 Well BLFR: 102
 Well BLFTR: 1769
 Well % Rec: 5%

STIMULATION TREATMENT B2 4287-94

Fluid task: acid/paracheck, pad, slurry, flush

RE-COMPLETION REPORT

10/21/98

Petroglyph Operating Co., Inc.

Operator: Petroglyph Operating Company, Inc.	Elevation: 0
Well: Ute Tribal 34-12D3	0
County, St.: Duchesne UT	

Activity Date	Daily Cost	Activity Description
---------------	------------	----------------------

Volume (gal):	250/110, 1800, 5603, 4202	
Fluid type:	15% HCl/PC, delta frac 25, delta frac 25, slickwtr	
Proppant:	20/40 & 16/30	
Total lbs:	10,000 & 25,900	
Ramp range:	1-8 ppg	
TREATING PRESSURE		
Maximum:	2062 psi @ 26.5 BPM	
Average:	1890 psi @ 25 BPM	
TREATMENT FLOWBACK		
Choke/hrs:	variable	
TP CP:	1750-0	
Flow rate:	60 BPH	
SHUT-IN PRESSURE		
ISIP:	1940	
5 min:	1791	
Remarks:	Flowed 72 bbls & displaced & flowed 30 during trip	102 TBFR

RE-COMPLETION REPORT

10/21/98

Petroglyph Operating Co., Inc.

Operator: Petroglyph Operating Company, Inc.	Elevation: 0
Well: Ute Tribal 34-12D3	0
County, St.: Duchesne UT	

Activity Date	Daily Cost	Activity Description
---------------	------------	----------------------

8/24/98 \$8,131.00

PERFORATIONS:

5618-5624	Green River D (07.2)	4 SPF	24 shots
5556-5560	Green River D (07.2)	4 SPF	16 shots
5454-5460	Green River D (07.1)	4 SPF	24 shots
5435-5439	Green River D (07.1)	4 SPF	16 shots
5344-5348	Green River D (07)	4 SPF	16 shots
5304-5408	Green River D (03.3)	4 SPF	416 shots
5290-5294	Green River D (03.2)	4 SPF	16 shots
5085-5090	Green River C (06.1)	4 SPF	20 shots
4287-4294	Green River B (02)	4 SPF	28 shots

RU Halliburton & frac D7.2 zone 5556-60 w/ 16 holes & 5618-24 w/ 24 holes. RU Schlumberger & lube in 5-1/2" plug, set @ 5510'. Test to 3000#. Perf D7.1 @ 5454-58 w/ 16 holes & 5434-39 w/ 16 holes. Bkdn @ 2200-1800 taking 3 BPM. Frac D7.1 w/ Halliburton. Lube in set plug @ 5410'. Test to 3000'. Perf D7 @ 5344-48 w/ 16 holes. Communication w/ D7.2. RU Halliburton & frac D7, wait 1 hr for sand to settle. RU Schlumberger & lube in w/ plug set & test @ 5330' to 3000 psi. Perf D3.3 @ 5304-08 w/ 16 holes & D3.2 5290-94 w/ 16 holes (communication w/ D7). RU Halliburton & frac. RU Schlumberger & lube in w/ plug try to set miss run. Lube in w/ plug try to set miss run. RIH set plug @ 5150 & test to 3000#. Perf C6.1 5085-90 w/ 20 holes. Try to break w/ no luck. RIH w/ bailer & spot 14 gal 15% HCl glass didn't break. RIH & break glass on top of plug string. HCl over perms. Break @ 2400-1900 taking 2-1/2 BPM. RD Schlumberger. SI.

STIMULATION D7.2 5556-60 & 5618-24
TREATMENT

Fluid task: Paracheck, pad, slurry, flush
Volume (gal): 220, 2200, 8113, 5508
Fluid type: Paracheck, Deltafrac, Delta frac, Kwtr
Proppant: 20/40 & 16/30
Total lbs: 19,000 & 27,800
Ramp range: 1-8 ppg

TREATING PRESSURE

Maximum: 2616 psi @ 34.8 BPM
Fluid type: acid/paracheck, delta frac, delta frac, Kwtr
Proppant: 20/40 & 16/30
Total lbs: 10,000 & 11,000
Ramp range: 1-8 ppg

TREATING PRESSURE

Maximum: 2054 psi @ 26 BPM
Average: 1950 psi @ 25.3 BPM

SHUT-IN PRESSURE

ISIP: 1613
5 min: 1557

STIMULATION D3.2 5301-08 & D3.2 5290-94

TREATMENT

Fluid task: acid/paracheck, pad, slurry, flush
Volume (gal): 250/65, 2000, 4994, 5241

RE-COMPLETION REPORT

10/21/98

Petroglyph Operating Co., Inc.

Operator: Petroglyph Operating Company, Inc.

Elevation: 0

Well: Ute Tribal 34-12D3

0

County, St.: Duchesne UT

Activity Date	Daily Cost	Activity Description
---------------	------------	----------------------

Fluid type: acid/paracheck, delta frac, delta frac, Kwtr

Proppant: 20/40 & 16/30

Average: 2000 psi @ 34 BPM

SHUT-IN PRESSURE

ISIP: 2331

5 min: 2113

STIMULATION D7.1 5454-58 & 5435-39

TREATMENT

Fluid task: acid/paracheck, pad, slurry, flush

Volume (gal): 850/110, 1800, 5664, 5392

Fluid type: acid/paracheck, delta frac, delta frac, kwtr

Proppant: 20/40 & 16/30

Total lbs: 10,500 & 19,240

Ramp range: 1-8 ppg

TREATING PRESSURE

Maximum: 2404 psi @ 32.1 BPM

Average: 1680 psi @ 32 BPM

SHUT-IN PRESSURE

ISIP: 1616

5 min: 1583

STIMULATION D07 5344-48

TREATMENT

Fluid task: acid/paracheck, pad, slurry, flush

Total lbs: 15,500 & 8,500

Ramp range: 1-8 ppg

TREATING PRESSURE

Maximum: 2560 psi @ 31 BPM

Average: 2300 psi @ 30.5 BPM

SHUT-IN PRESSURE

ISIP: 1919

5 min: 1614

8/22/98

\$1,216.00

Open well, 0# csg. PU & RIH w/ 5-1/2" BVBP & RTTS to 5800'. Set BV @ 5800', RTTS @ 5770'. Test BV to 3000#. POOH to 5251 & spot 250 gal HCl w/ 32 bbls Kwtr. POOH to 5582' set RTTS pump on tbg & break 5618-24, 2400# to 1800#, 2 BPM. Pump on csg break 5556-60, 2800# to 2000# 1-3/4 BPM. Release RTTS, pump csg 10 more bbls to clear acid. POOH w/ 5-1/2" RTTS & secure well for frac. Pumped 5 bbls Kwtr to clear csg & 3 bbls per zone.

Found hole in jts #89.

RE-COMPLETION REPORT

10/21/98

Petroglyph Operating Co., Inc.

Operator:	Petroglyph Operating Company, Inc.	Elevation:	0
Well:	Ute Tribal 34-12D3		0
County, St.:	Duchesne UT		

Activity Date	Daily Cost	Activity Description
---------------	------------	----------------------

8/21/98 \$3,399.00

PERFORATIONS:

5618-5624	Green River D (07.2)	4 SPF	24 shots
5556-5560	Green River D (07.2)	4 SPF	16 shots

Clean up oil mess around wellhead. RU 4-3/4" blade bit & 5-1/2" scrapper. RIH strap 2-7/8" prod. PU & strap 3 jts 2-7/8" tbg from stock. Total 6579.30 on location. Roll hole clean w/ 170 deg. Kwtr. POOH w/ bit & scrapper. RU Schlumberger & perf D7.2 @ 5618-24 w/ 24 holes & 5556-60 w/ 16 holes. RD Schlumberger. Try to change out packing rubbers on BV plug. Could not get BV to break. Wireline TD 6634' (5' fill).

8/20/98 \$3,798.00

Spot equipment & RU pump & lines. Attempt to flush tbg 1500# max. Circ hole w/ 160 bbls. POOH w/ rods & pump. Check rods LD 2 junk 7/8" & 10-3/4" rods. Approx. 35 3/4" bad boxes. Z/over to tbg. Clean up oil @ wellhead. Remove production head. Install frac head & BOP's. RU floor, release anchor, POOH w/ 2-7/8" tbg & BHA. SI

TUBING DETAIL

- 203 jts 2-7/8" tbg
- 5-1/2" B2 anchor
- 3 jts 2-7/8" tbg
- 2-7/8" PSN
- 1 jt 2-7/8" tbg
- Mechanical SN
- 2-7/8" perf sub
- 2 jts 2-7/8" tbg
- swedge 2 jts 1-1/4 w/ strainer

ROD DETAIL

- 88 slick 7/8" rods
- 163 slick 3/4" rods
- 4 guided 3/4" rods

8/19/98 \$388.00

MIRU service rig. Will start recompletion in AM. Remove horses head. Unseat pump & LD rods. Install PR & SWIFN.

Cumulative Cost: \$191,591.00

Days Since Start: 11

MONTH	WELL	NAME	ACCOUNT	DB	CR	DESC	VENDOR
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.830.140	12,495.59	-	ELECTRIC LOGS	SCHLUMBERGER WELL SERVICE
			10.830.140 Total	12,495.59	-		
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.030	12.48	-	GARBAGE	DUCHESNE COUNTY PUBLIC WORKS
			10.840.030 Total	12.48	-		
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.050	10,345.28	-	RIG 6 DAYS	M.D. WELL SERVICE INC.
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.050	10,345.00	-	RIG 6 DAYS	
			10.840.050 Total	20,690.28	-		
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.120	141.00	-	RETURNED DAMAGED BOP TO VERNAL FROM LOC	N.J. TRUCKING
10/31/98	10*1248	UTE TRIBAL 34-12D3	10.840.120	367.20	-	CRCT 470 BW HAULED NEBEKER 4713	
			10.840.120 Total	508.20	-		
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.180	2,917.76	-	BP RENTAL	ARROW COMPLETION SYSTEMS
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.180	53.00	-	RENT ONE CHEMICAL TOILET	AMERI-KAN, INC.
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.180	3,958.00	-	EQUIPMENT RENTAL	
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.180	1,712.45	-	BOP ACCUMULATOR RENTAL	PRIDECO RENTAL
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.180	562.46	-	IDC CLASS CRCT BOP ACCUMULATOR RENTAL	
10/31/98	10*1248	UTE TRIBAL 34-12D3	10.840.180	528.37	-	CASING SCRAPER RENTAL	WEATHERFORD ENTERRA U.S.
10/31/98	10*1248	UTE TRIBAL 34-12D3	10.840.180	162.00	-	CRCT TRUCKING OF 1 CHEM TOILET ROCKET 8581	
			10.840.180 Total	9,894.04	-		
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.240	1,235.50	-	SUPERVISION	C&J CONTRACT PUMPING
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.240	789.50	-	SUPERVISION	C&J CONTRACT PUMPING
			10.840.240 Total	2,025.00	-		
10/31/98	10*1248	UTE TRIBAL 34-12D3	10.840.310	63.50	-	CRCT 65 BO FOR HO JOB NEBEKER 4713	
			10.840.310 Total	63.50	-		
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.330	1,806.81	-	PERF 5624'	SCHLUMBERGER WELL SERVICE
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.330	8,869.34	-	PERF 5458' 5348'5308' 5090'	SCHLUMBERGER WELL SERVICE
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.330	3,063.97	-	PERF 4294'	SCHLUMBERGER WELL SERVICE
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.330	13,740.00	-	IDC CLASS CRCT WO EXP S/B COMP EXP ON ORIGINAL AFE	
			10.840.330 Total	27,480.12	-		
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.350	61,893.62	-	16/30 73500# 20/40 61000# DELTA FRAC	HALLIBURTON SERVICES
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.350	26,805.45	-	DELTA FRAC 16/30 30000# 20/40 26400	HALLIBURTON SERVICES
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.350	88,699.00	-	IDC CLASS CRCT WO EXP S/B COMP EXP ON ORIGINAL AFE	
9/30/98	10*1248	UTE TRIBAL 34-12D3	10.840.350	-	(600.76)	DELTA FRAC 16/30 66300# 20/40 61000#	HALLIBURTON SERVICES
10/31/98	10*1248	UTE TRIBAL 34-12D3	10.840.350	919.80	-	CRCT 1260 BW FOR FRAC JOB NEBEKER 4713	
			10.840.350 Total	178,317.87	(600.76)		
			GRAND TOTAL	251,487.08	(600.76)		