

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS  X WATER SANDS LOCATION INSPECTED SUB REPORT/abd.

921203 Coors to Emerson eff. 9-1-92.  
 7-12-94 Emerson to Petroglyph Eff 2-1-94  
 941101 COMMENCED INJECTION 8-24-94

DATE FILED 5-6-85

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN 14-20-H62-3513

DRILLING APPROVED: 5-10-85 - OIL (Exception Location)

SPUDDED IN: 12-16-85

COMPLETED: 1-19-86 PUT TO PRODUCING:

INITIAL PRODUCTION: 93 BOPO, 18 MCF, 10 BWPD

GRAVITY A.P.I. 40

GOR: 193/1

PRODUCING ZONES: H157-4619 Green River formation

TOTAL DEPTH: 6400

WELL ELEVATION: 5985

DATE ABANDONED: ANTELOPE CREEK

UNIT: DUCHESNE

COUNTY: UTE TRIBAL 4-18

API #43-013-31099

LOCATION 812' FNL FT. FROM (N) (S) LINE. 1768' FEL FT. FROM (E) (W) LINE. NW NE 1/4 - 1/4 SEC. 18

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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P.O. BOX 467 GOLDEN, COLORADO 80401

May 2, 1985

RECEIVED

MAY 06 1985

State of Utah  
Dept. of Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

DIVISION OF OIL  
GAS & MINING

Gentlemen:

Enclosed please find one copy of the APD for the following well:

Ute Tribal 4-18  
Section 18, T5S-R3W  
Duchesne County, Utah

Please let us know if you find you have any questions regarding this Application. Thank you for your consideration.

Very truly yours,

R. L. Martin  
Vice President  
Oil & Gas Operations

RLM:kr

Attachments

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL  MAY 28 1985 DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
Coors Energy Company DIVISION OF OIL GAS & MINING (303) 278-7030

3. ADDRESS OF OPERATOR  
PO Box 467; Golden, Colorado 80402

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 812'FNL, 1768'FEL, NW/4NE/4  
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
approximately 8 miles south of Bridgeland

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 812'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1274'

16. NO. OF ACRES IN LEASE 640

19. PROPOSED DEPTH 6400'

17. NO. OF ACRES ASSIGNED TO THIS WELL ----

20. ROTARY OR CABLE TOOLS rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5985'GL

5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-3513

6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe

7. UNIT AGREEMENT NAME ----

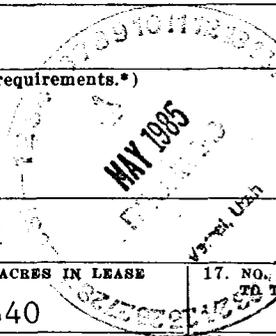
8. FARM OR LEASE NAME Ute Tribal

9. WELL NO. 4-18

10. FIELD AND POOL, OR WILDCAT Antelope Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T5S-R3W

12. COUNTY OR PARISH Duchesne 13. STATE Utah



23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.00#	400'	300 sx.
7-7/8"	5-1/2"	15.50#	6400'	1200 sx.

- This well will be spudded in the Uintah Formation.
- Estimated Green River top: 1206'.
- Water zones are possible thruout the Green River formation as well as gas and or oil. No aquifers or other mineral zones are anticipated. Maximum expected bottom hole pressure is 2000 psi.
- Attached is a diagram of the pressure control device to be used, See Exh H.
- The proposed circulating medium will be 3% KCL water or a low-solids non-dispersed mud. Mud weights in excess of 10#/gal are not anticipated.
- Auxiliary equipment: float will be run in the drill string, a full opening valve to fit the drill string will be on the rig floor at all times. Kelly cock valves will be used.
- No coring is planned, drill stem tests may be run in potential pay zones.
- No abnormal temperatures, pressures or potential hazards are expected.
- Anticipated starting date: June, 1985; duration of operations: 30 days.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 R. L. Martin TITLE V.P. O/G Operations DATE 5-2-85  
(This space for Federal or State office use)

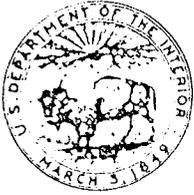
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY L. H. Ferguson TITLE DISTRICT MANAGER DATE 5-20-85  
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

21000-5M-081  
BLM

\*See Instructions On Reverse Side O, & E Mining



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
UINTAH AND OURAY AGENCY

Fort Duchesne, Utah 81026  
(801) 722-2406 Ext. 33, 34

IN REPLY REFER TO:

Real Property Management  
Ten. and Mgmt.

**MAY 13 1985**

MEMORANDUM

TO: District Manager, Bureau of Land Management

FROM: *Acting* Superintendent, Uintah and Ouray Agency

SUBJECT: Coors Energy Co., Well 4-18  
in the NE $\frac{1}{4}$ , Section 18, T. 5 S., R. 3 W., Uinta meridian, Utah

We (concur with or, recommend) approval of the Application for Permit to Drill subject well.

Based on available information on May 13, 1985, we have cleared the proposed location in the following areas of environmental impact.

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

REMARKS: \_\_\_\_\_

The necessary surface protection and rehabilitation requirements are as per approved APD.



*Roderic J. Egan*

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL  
WITHIN THE UINTAH OURAY RESERVATION

Company Coors Energy Company Well No. 4-18  
Location Sec. 18 T5S R3W Lease No. 14-20-H62-3513  
Onsite Inspection Date 04-02-85

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 Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. All fresh 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

BOP's and choke manifold system will be a minimum 2,000 psi working pressure and all arrangements used will be in accordance with API RP 53 i.e. An annular bag-type preventer will be utilized.

Ram-type preventers shall be tested to 2,000 psi, and annular bag-type preventer shall be tested to 1,500 psi.

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

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 reports shall be submitted to this office on a weekly basis.

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 authorized officer (AO).

6. 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 spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

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.

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 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

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 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 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.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

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 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.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PLAN

7. Planned Access Roads:

All travel will be confined to existing access road rights-of-way.

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

8. Location of Tank Batteries and Production Facilities

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

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

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

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 monthly for the first three months on new meter installations 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 the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

9. Methods of Handling Waste Disposal

Produced waste water will be confined to a lined pit 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, along with required water analysis, will be submitted

for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

10. Well Site Layout

The reserve pit will be located between points A and 5 on the north side of the location.

The stockpiled topsoil will be stored on the west side of the location between points 4 and 2 and used as a dike.

Access to the well pad will be from the east between points 6 and 7.

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way Authorization". All operators, subcontractors, vendors and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

11. Plans for Restoration of Surface

Seed will be broadcast or drilled at a time specified by the BIA. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The seed mixture will be determined by the BIA at the time of restoration.

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

12. Surface and Mineral Ownership

Indian surface and minerals.

13. Other Information

Divert drainage to the south side of the location.

There will be no deviation from the proposed drilling and/or work-over 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.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

14. Lessee's or Operators Representative and Certification

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the B.I.A. before cutting firewood or other timber products and (e) only authorized personnel permitted.

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the U.S. Department of the Interior, Bureau of Indian Affairs

DISTRICT LAND OFFICE: The Ute Indian Tribe and the Ute Distribution Corporation

Lease No. 14-20-H62

Tract No. 63

and hereby designates

NAME: Coors Energy Company  
ADDRESS: P.O. Box 467, Golden, Colorado 80401

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 5 South, Range 3 West, U.S.M.  
Section 18: NE/4

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

GULF OIL CORPORATION

  
-----  
(Signature of lessee)  
W. R. Wimbish Attorney-in-Fact

.....February 7, 1983.....  
(Date)

P.O. Box 2619 Casper, WY 82602  
-----  
(Address)

EXHIBIT "L"

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

5. Lease Designation and Serial No.

14-20-H62-3513

6. If Indian, Allottee or Tribe Name

Ute Tribe

7. Unit Agreement Name

----

8. Farm or Lease Name

Ute Tribal

9. Well No.

4-18

10. Field and Pool, or Wildcat and Survey or Area

Antelope Creek

11. Sec., T., R., M., or Bk. and Survey or Area

Sec. 18, T5S-R3W

12. County or Parrish 13. State

Duchesne Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

Coors Energy Company

(303) 278-7030

3. Address of Operator

PO Box 467, Golden, Colorado 80402

4. Location of Well (Report location clearly and in accordance with any State requirements.)

At surface

812' FNL, 1768' FEL, NW/4NE/4

At proposed prod. zone  
same

14. Distance in miles and direction from nearest town or post office\*

approximately 8 miles south of Bridgeland

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

812'

16. No. of acres in lease

640

17. No. of acres assigned to this well

----

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

1274'

19. Proposed depth

6400'

20. Rotary or cable tools

rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5985' GL

22. Approx. date work will start\*

June, 1985

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8"	24.00#	400'	300 sx.
7-7/8"	5-1/2"	15.50#	6400'	1200 sx.

- This well will be spudded in the Uintah Formation.
- Estimated Green River top: 1206'.
- Water zones are possible thruout the Green River formation as well as gas and or oil. No aquifers or other mineral zones are anticipated. Maximum expected bottom hole pressure is 2000 psi.
- Attached is a diagram of the pressure control device to be used, See Exh H.
- The proposed circulating medium will be 3% KCL water or a low-solids non-dispersed mud. Mud weights in excess of 10#/gal are not anticipated.
- Auxiliary equipment: float will be run in the drill string, a full opening valve to fit the drill string will be on the rig floor at all times. Kelly cock valves will be used.
- No coring is planned, drill stem tests may be run in potential pay zones. Logs to be run will be DIL, CNL, CBL.
- No abnormal temperatures, pressures or potential hazards are expected.
- Anticipated starting date: June, 1985; duration of operations: 30 days.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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: *R. L. Martin*  
R. L. Martin

Title: V.P. O/G Operations

Date: 5-2-85

(This space for Federal or State office use)

Permit No. ....

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Approved by .....

Title .....

Date .....

Conditions of approval, if any:

DATE: 5/10/85

BY: *John R. Dyer*

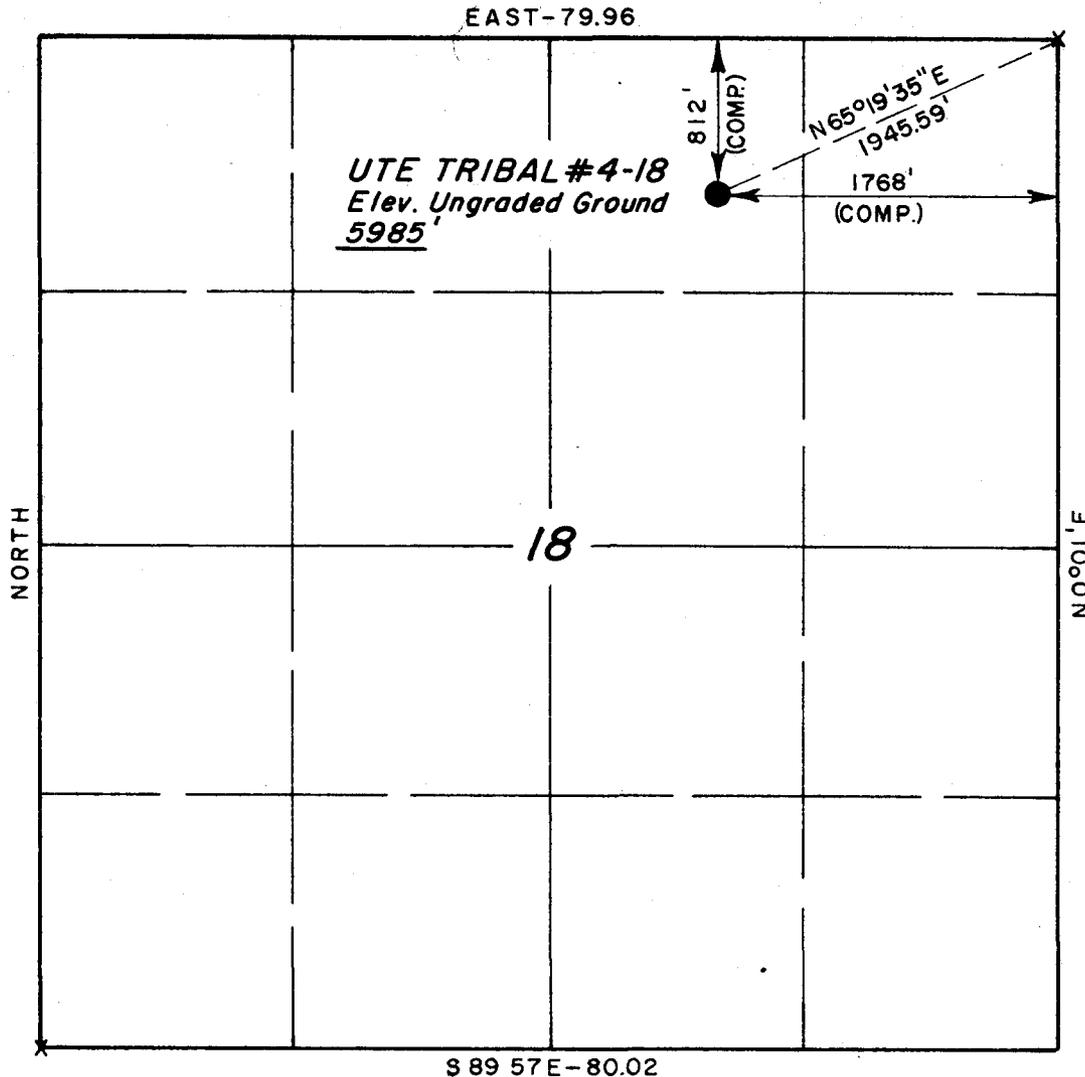
\*See Instructions on Reverse Side

WELL SPACING: C-3(C)

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

PROJECT  
COORS ENERGY COMPANY

Well location, UTE TRIBAL # 4-18,  
located as shown in the NW 1/4 NE 1/4,  
Section 18, T5S, R3W, U.S.B. & M.,  
Duchesne County, Utah.



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.

*John J. ...*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P. O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	12-21-84
PARTY	D.B., J.K. DLS	REFERENCES	GLO Plat
WEATHER	Cold Clear	FILE	COORS

EXHIBIT "A"

X = Located Section Corners

UTE TRIBAL #4-18  
PROPOSED LOCATION

TOPO.

MAP "A"



SCALE 1" = 4 MI.

DUCHESNE

9.01 mi ± HWY. 40  
14.72 mi ± DUCHESNE



PROPOSED LOCATION  
UTE TRIBAL #4-18

MULTIPOINT SURFACE USE PLAN  
COORS ENERGY COMPANY  
UTE TRIBAL 4-18  
SECTION 18, T5S-R3W, NW/4NE/4  
DUCHESNE COUNTY, UTAH

Coors Energy Company will assure that this APD will be posted in the doghouse of the drilling rig during the drilling of this well. Also, a sign will be posted at the entrance to the location with the name of the well, operator and location description. We will notify the BLM in Vernal, Utah 48 hours prior to beginning any work on this land. Prior to starting surface construction operations, the dirt contractor shall have a completed approved copy of this APD.

1. EXISTING ROADS - See Exhibits C, D, & F

Access to Coors Ute Tribal #4-18 begins at the City of Roosevelt, Utah, and proceeds along the following roads with approximate mileages as indicated:

Proceed westerly out of Roosevelt, Utah on U.S. Highway 40; proceed along said Highway 17.3 miles to the Junction of Highway 40 and the Bridgeland Utah Exit; proceed south along the improved County Road 6.4 miles down to the Junction of this road and an existing unimproved dirt road to the southeast; proceed southeasterly along this road approx. 2.27 miles to the access road to the proposed location. See Exhibit "D"

Road maintenance from the Antelope Canyon main road to the well will be provided by a Coors Energy Company subcontractor. Maintenance will consist of periodic grading and repairs to the surface. During summer months, a watering program will be used to control dust. Rain and other inclement weather may require repairs to turnouts, waterbars, etc.

Materials for upgrading the existing road will come from the immediate area of road improvement work or will be hauled by a subcontractor from Duchesne as needed.

Upgraded existing roads will be constructed with an 18' road surface with bar ditches and water bars where required. Not over 30' will be cleared to upgrade any existing roads.

2. PLANNED ACCESS ROAD - See Exhibits B, D

The proposed access road will be 1500'. This proposed access road will be an 18' crowned road (9' either side of the centerline) with a drain ditch on the uphill side of the road which will handle any run off from normal meteorological conditions that are prevalent to the area. Back slopes along the cut areas of the road will be 1½ to 1 slopes and terraced where cuts are needed. There are no fences encountered along the proposed access road. Not over 30' will be cleared for new access roads. Water will be diverted to the south and the road to the north.

Any trees cut during construction of the well pad which have a diameter exceeding 4", will be cut into 4' lengths and stacked along the road right of way. Any brush or trees less than 4" in diameter will be scattered off road right of way and located in an orderly fashion as ground cover. No firewood gathering will be allowed without a duly granted wood permit.

3. LOCATION OF EXISTING WELLS - See Exhibit G

With a 2-mile radius of this proposed well, there are no drilling wells. There are two P&A wells:

Ute Tribal B-1 operated by Amerada Petroleum Corp.  
Ute 184-1 operated by Sinclair Oil.

There are several producing wells:

Ute Tribal 4-4, 2-5, 1-6, 2-6, 2-7, 3-7, 1-7, 1-8, 2-8, 1-17, 1-18, 2-18, 1-19, 1-20, 2-20, all operated by Coors Energy Company.

Ironwood 12-5, 12-11, 13-15X operated by Ironwood Exploration and Shamrock 1-13 operated by Shamrock Oil & Gas Co. See Exhibit G.

With the exception of the above mentioned wells, there are no:

- a) known water wells
- b) temporarily abandoned wells
- c) disposal wells
- d) injection wells
- e) monitoring or observation wells

A field survey was made by Uintah Engineering and Land Surveying for Coors Energy and no water wells were found within a 2-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES - See Exhibits B & E

Coors Energy Company's facilities in this area will consist of a pump jack and line heater. The separator and tanks will be located on the Ute 1-18 wellpad. A 3" flowline will be laid from the Ute 4-18 to the Ute 1-18 as per the attached Exhibit E paralleling the access road. Approval of production facilities is desired with APD approval for the Ute Tribal 4-18. All production facilities will be painted in earth colors such as Desert Tan within one month of when they are put in place. If the production facilities are among trees, they will be painted Juniper Green.

Coors Energy Company contacted Mr. Dale Workman at the Utah State University Extension Office at (801) 738-2080 regarding weed control on the wellsite and along access roads. We were informed that the following weeds are prevalent to this area: Nap Weed, White Top, Quack Grass, Canadian Thistle, Musk Thistle, Leafy Spury, Russian Olive Tree and Morning Glory. We will follow their recommended procedure and spray with the suggested chemicals to control noxious weeds in these areas.

For drilling operations, a survey map (Exhibit B) showing rig layout is attached. All necessary surface equipment will be spotted on the 230' x 350' wellsite pad.

All garbage and trash will be placed in a trash cage and hauled to an appropriate disposal site. No burning of any trash will occur at the location. Any disturbed area not required for producing operations will be restored according to BLM instructions. The production facilities will create no additional surface disturbances. The drilling waste pit will be fenced on three sides with 36" woven sheep wire with two strands of barbed wire on top of the sheep wire. Upon completion of the drilling operations, the fourth side will be fenced. The reserve pit will be lined with clay or plastic to prevent seepage.

Trash, litter and construction materials will not be littered along road ways or drilling sites.

5. LOCATION AND TYPE OF WATER SUPPLY - See Exhibit I, D

The source of the water used to drill this well will be from Antelope Creek through Mr. Alton Moon who owns the water rights from the Creek. Approximately 6000 bbls of water will be required to drill and complete this well. Water will be hauled by Curry Leasing. See Exhibit I, State of Utah Permit to Divert Water. Water will be taken from Antelope Creek approximately 600' southwest of the intersection of Antelope Creek and Sowers Creek Road in the NE/4 of Section 6. See Exhibit D.

6. SOURCE OF CONSTRUCTION MATERIALS - See Exhibit B

The top 6" of topsoil will be removed from the well pad and stored on the southwest end of the location and will be utilized as a dike, see Exhibit "B". Fill materials needed to construct the location will be derived locally from cuts needed to build the well pad. Any artifacts found on Tribal lands will be left in place and the BIA promptly notified.

7. METHODS FOR HANDLING WASTE DISPOSAL, See Exhibit B

A mud reserve pit will be constructed for containment of drill cuttings as well as all drilling fluids and produced fluids. Produced waste fluids will be contained in a pit constructed in a chemical-type toilet. All trash and garbage will be placed in a trash cage and hauled from the location to an appropriate disposal site. The pit will be fenced as per statements in Section 4.

During production operations, all produced waters will be disposed of according to NTL-2B stipulations.

The reserve pit will be lined with plastic. Prior to backfilling operations, it will be torn and perforated.

The reserve pit will be allowed to dry and then back-filled and the area restored according to BLM requirements upon completion of the well.

8. ANCILLARY FACILITIES

None will be required.

9. WELL SITE LAYOUT - See Exhibit B

Attached is a diagram showing the proposed wellsite layout.

10. PLANS FOR RESTORATION OF SURFACE - See Exhibit B

Surface vegetation scraped off during drill site preparation will be removed and stock-piled prior to topsoil removal. Upon abandonment, vegetation will be redistributed as a mulching agent over the well site. The top 6" of topsoil will be stock-piled on the southwest side of the well site as shown on Exhibit "B".

The reserve pit and that part of the location not needed for production operations will be reclaimed within one year after completion of the well weather permitting.

The original surface will be reconstructed as close as possible upon abandonment. The stock-piled topsoil will be spread over the area. Any solid waste material present prior to abandonment will be removed from the location. Any oil or deleterious liquids will be removed by a pump truck to an approved disposal area.

Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all trash will be removed. The access road will also be blocked during restoration. Prior to reseeding, all disturbed areas, including the access road will be scarified and left with a rough surface. The reserve pit and that part of the location not needed for production will be reclaimed in the same manner outlined in this section. The rehabilitated access road will be blocked to prevent any vehicle use.

The topsoil will be tested to determine if fertilizer is needed to re-establish vegetation. After spreading the stock-piled topsoil, the BIA will be notified and seeding will be done according to their specifications.

If any cultural resources are found during construction, all work will stop and the BLM will be notified.

Coors will notify the BIA and the BLM 48 hours prior to starting rehabilitation procedures.

11. OTHER INFORMATION - See Exhibits H, J, L, M & N

The Ute Tribal 4-18 is located approximately 8 miles south of Bridgeland, Utah on the Uintah and Ouray Indian Reservation. The area is covered with native sagebrush. No wildlife was observed on the location.

There are no occupied dwellings within approximately 3/4 miles of the well site. An archeological report is attached, (See Exhibit "J"). Since this well is on the Uintah and Ouray Indian Reservation, Coors will work closely with Ute Tribal representatives to ensure all Tribal requirements for drilling and production operations of this well are followed.

It is Coors Energy Company's policy that no Coors' employees nor subcontractors carry firearms on access roads nor onto the location during drilling or well completion operations of this well. No alcoholic beverages or drugs will be permitted on Coors' operations on Indian lands. No prospecting will be allowed on Coors' operations.

Attached is a copy of the Designation of Operator, (See Exhibit "L") and a copy of the Ute Tribal Notice stating their requirements when traversing or operating on Ute Indian lands, (See Exhibit "M").

A copy of the BLM Stipulations is attached to the application, (See Exhibit "N") and our Special BOP Instructions, (See Exhibit "H").

All operators, subcontractors and vendors will be confined to established roads and wellsites.

12. CONTACT

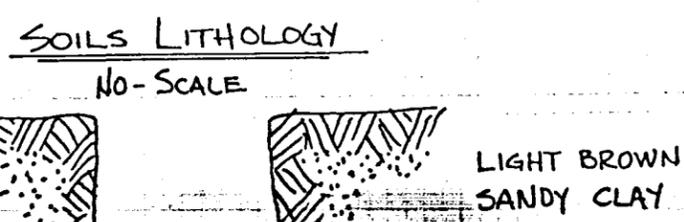
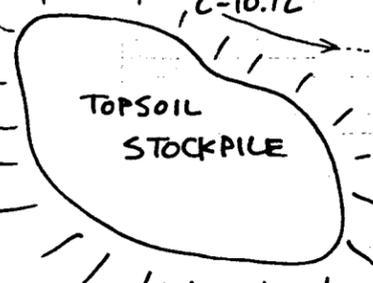
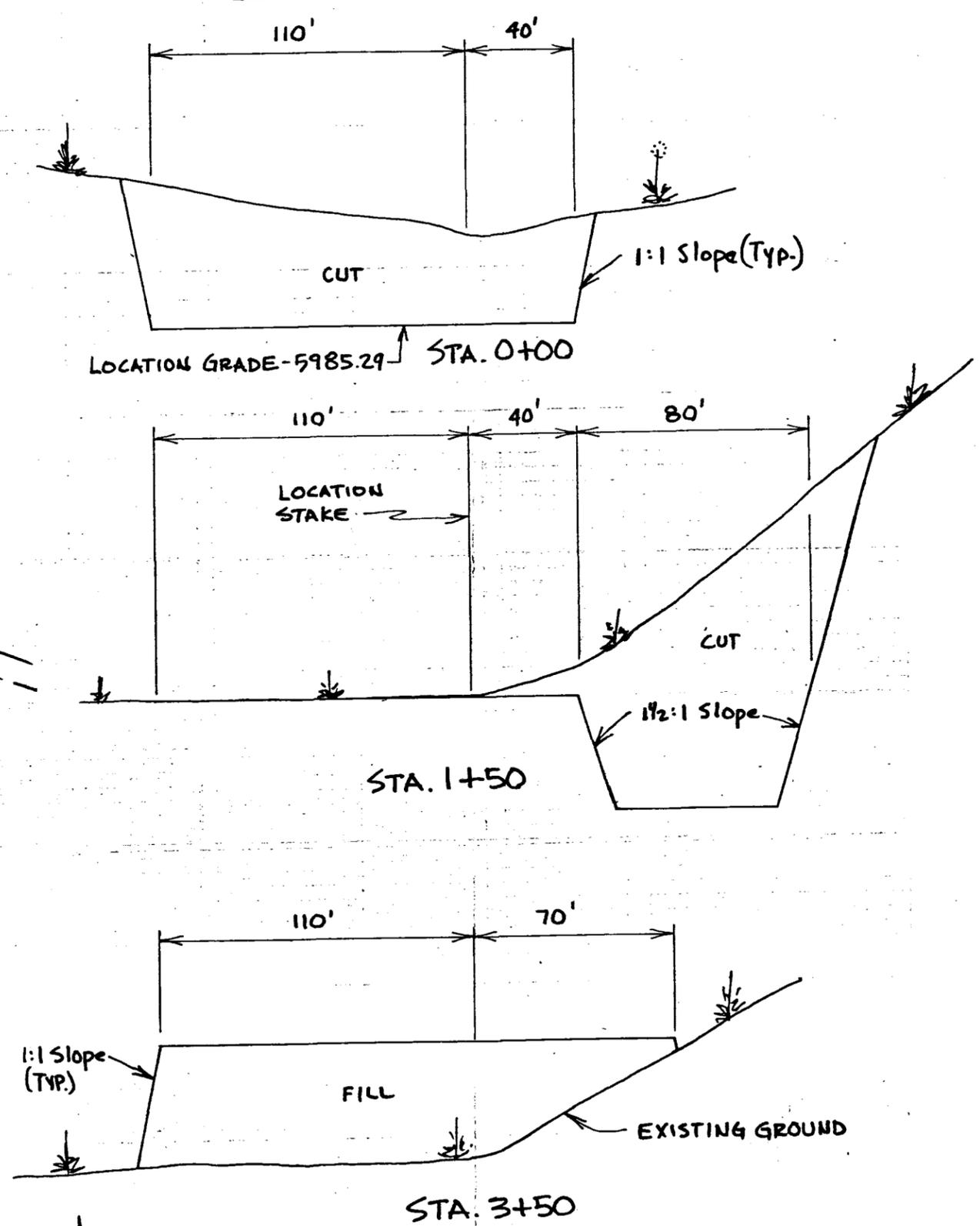
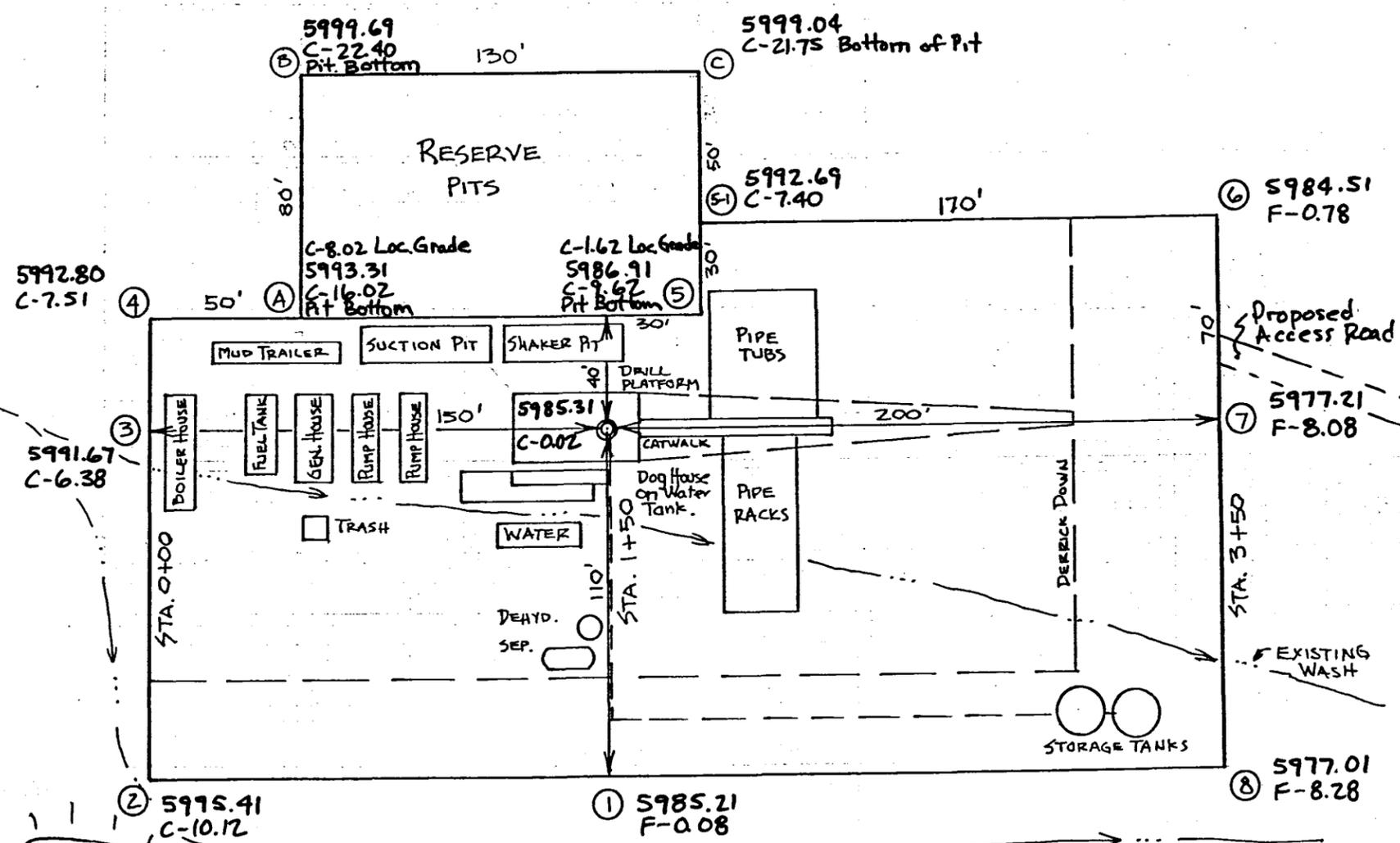
R. L. Martin  
Vice President  
Oil & Gas Operations  
Coors Energy Company  
P.O. Box 467  
Golden, Colorado 80402  
Phone: (303) 278-7030

13. CERTIFICATION

See Exhibit "K"

**COORS ENERGY COMPANY**  
**UTE TRIBAL #4-18**

North  
 Scale: 1" = 50'  
 Date: 12-21-84



APPROX. ...

CUT	10,179.74	Cu. Yds.
FILL	5326.77	Cu. Yds.

EXHIBIT "B"

14 III NE  
T SNE NE1 559

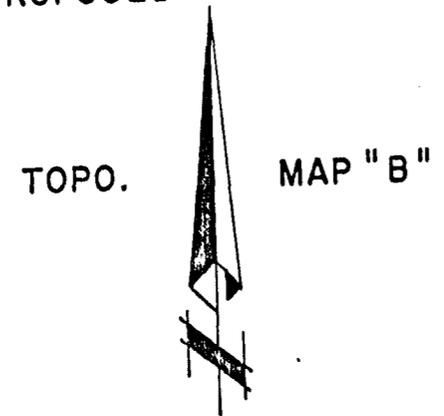
60 17'30" R. 4 W. 2 340 000 FEE

602 R. 3 W. 663 110' 15'

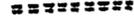
BRIDGELAND 17 MI

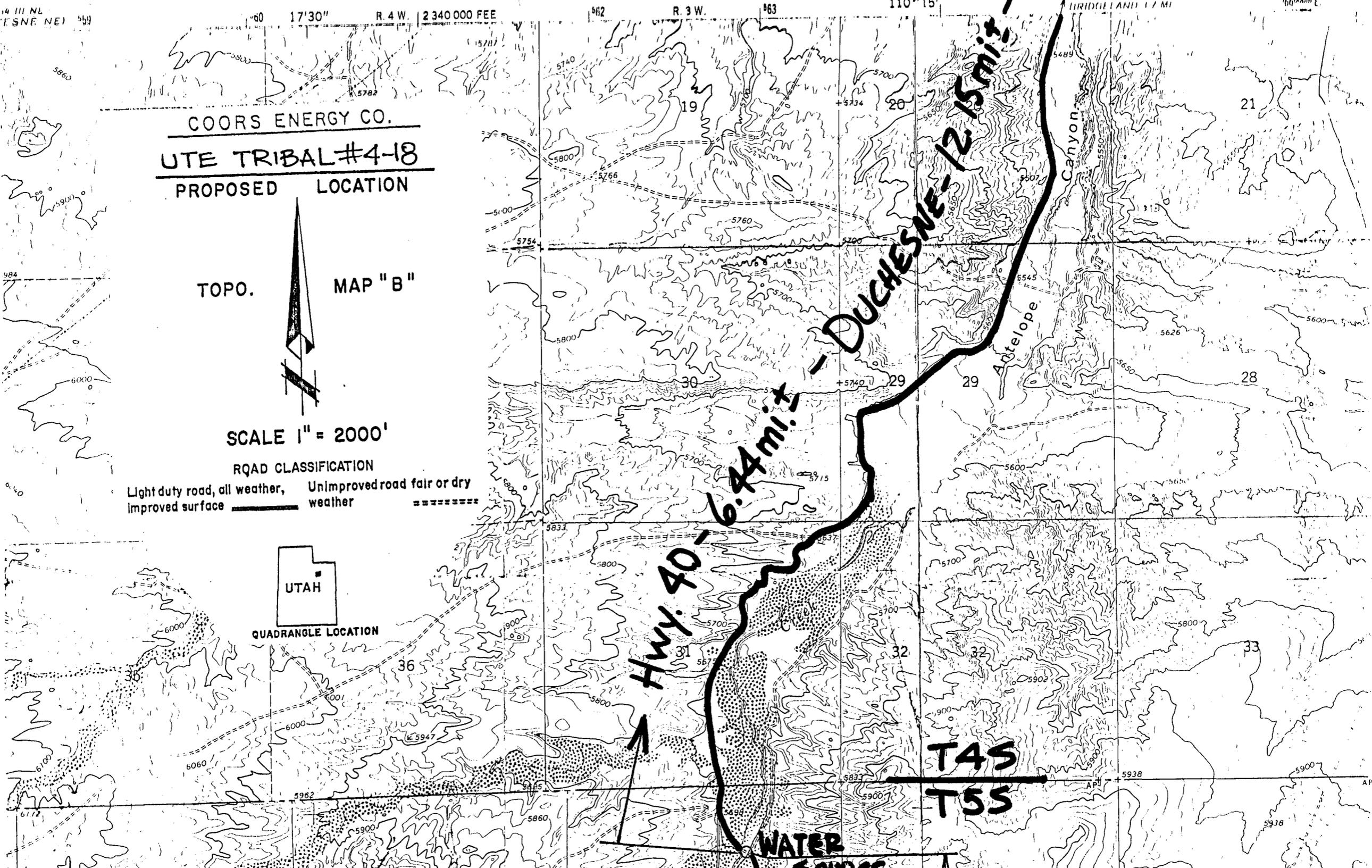
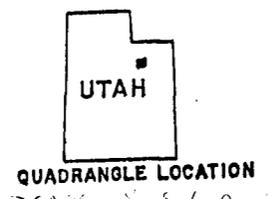
661000m E.

**COORS ENERGY CO.**  
**UTE TRIBAL #4-18**  
**PROPOSED LOCATION**



SCALE 1" = 2000'

**RQAD CLASSIFICATION**  
Light duty road, all weather, improved surface  Unimproved road fair or dry weather 



**DUCHESNE - 12.15 mi.**

**Hwy. 40 - 6.44 mi.**

**T45**  
**T55**

**WATER SOURCE**



SURFACE PRODUCTION FACILITIES

UTE TRIBAL #4-18

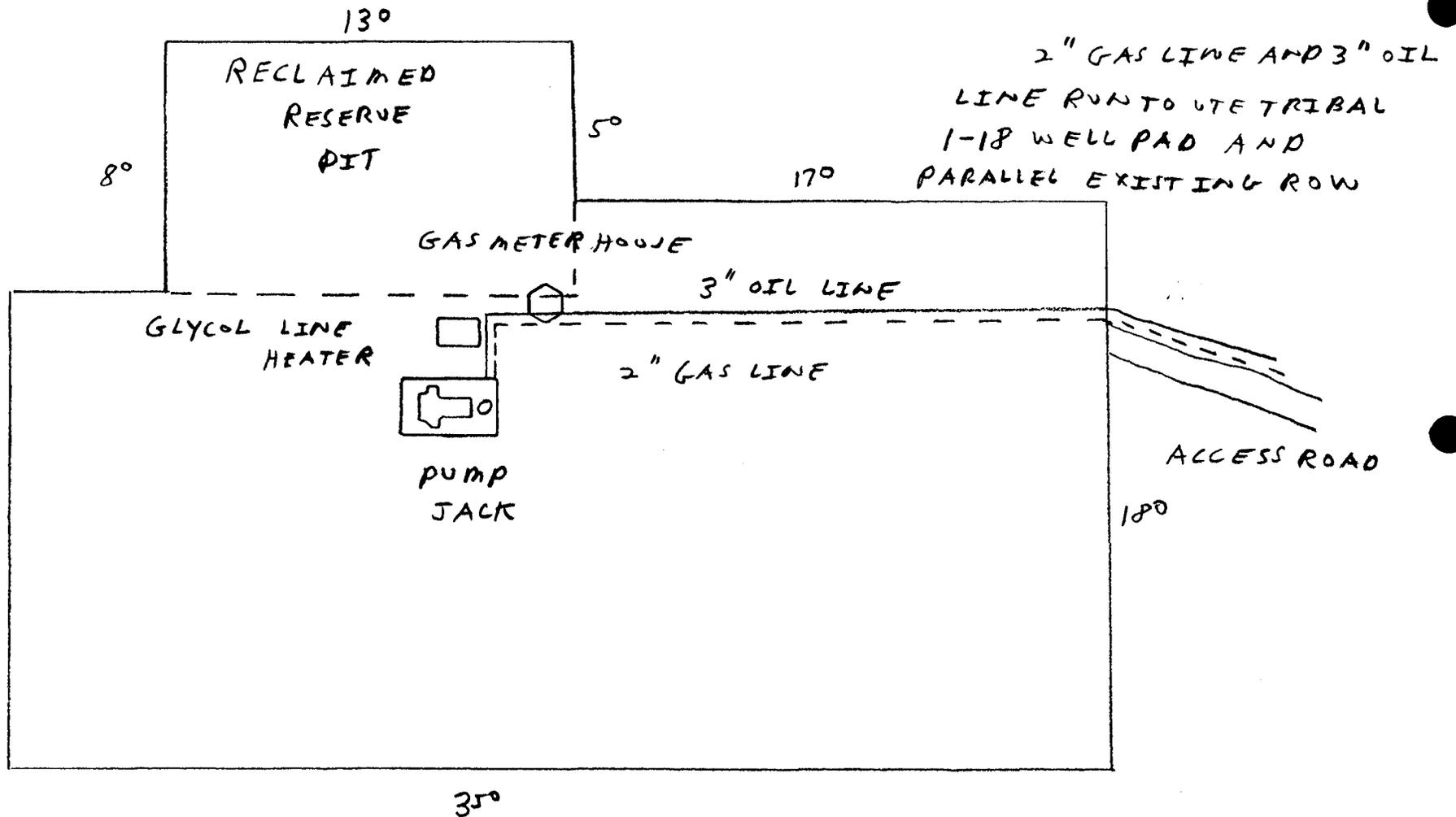
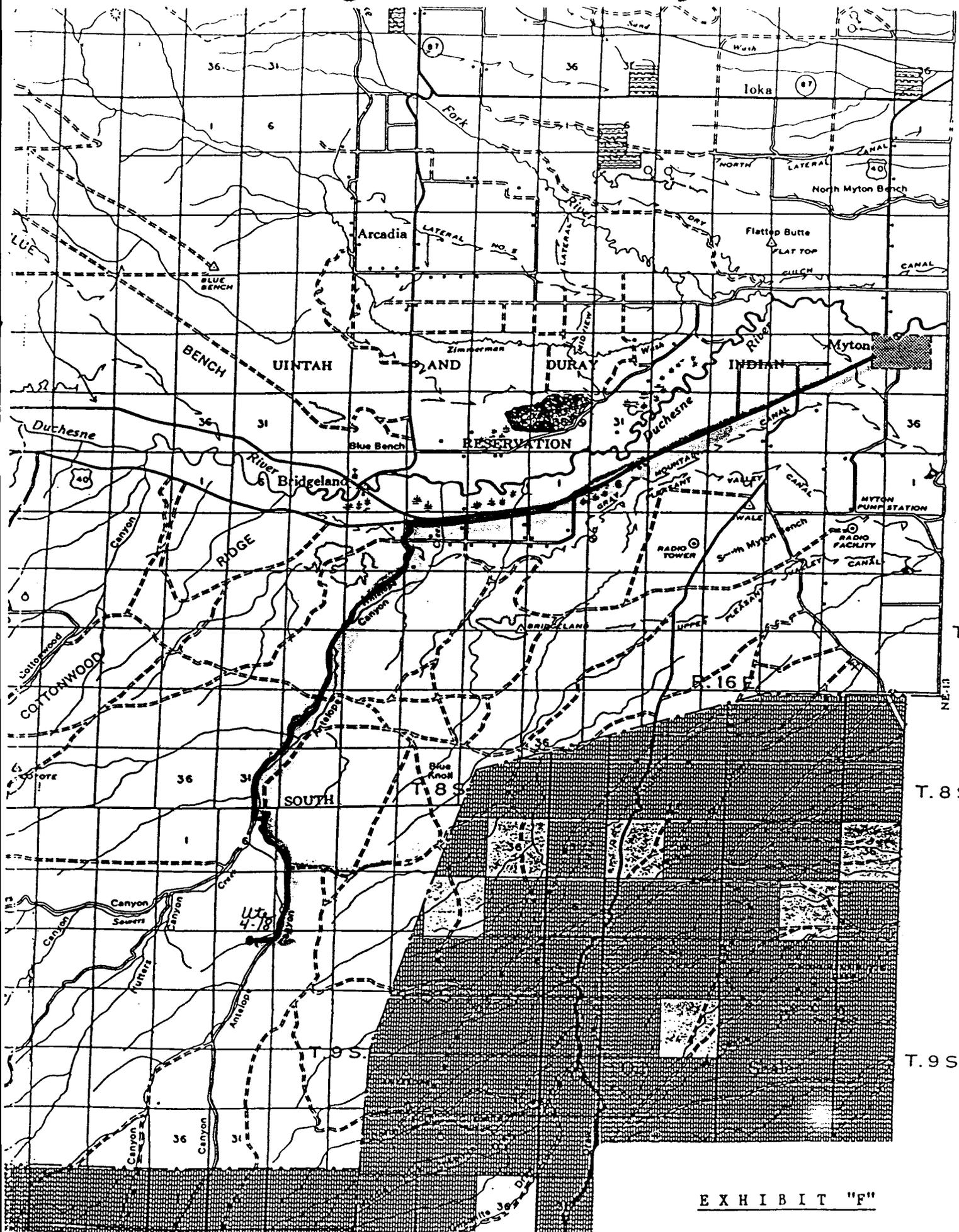


EXHIBIT "E"



T. 3

T. 4 S

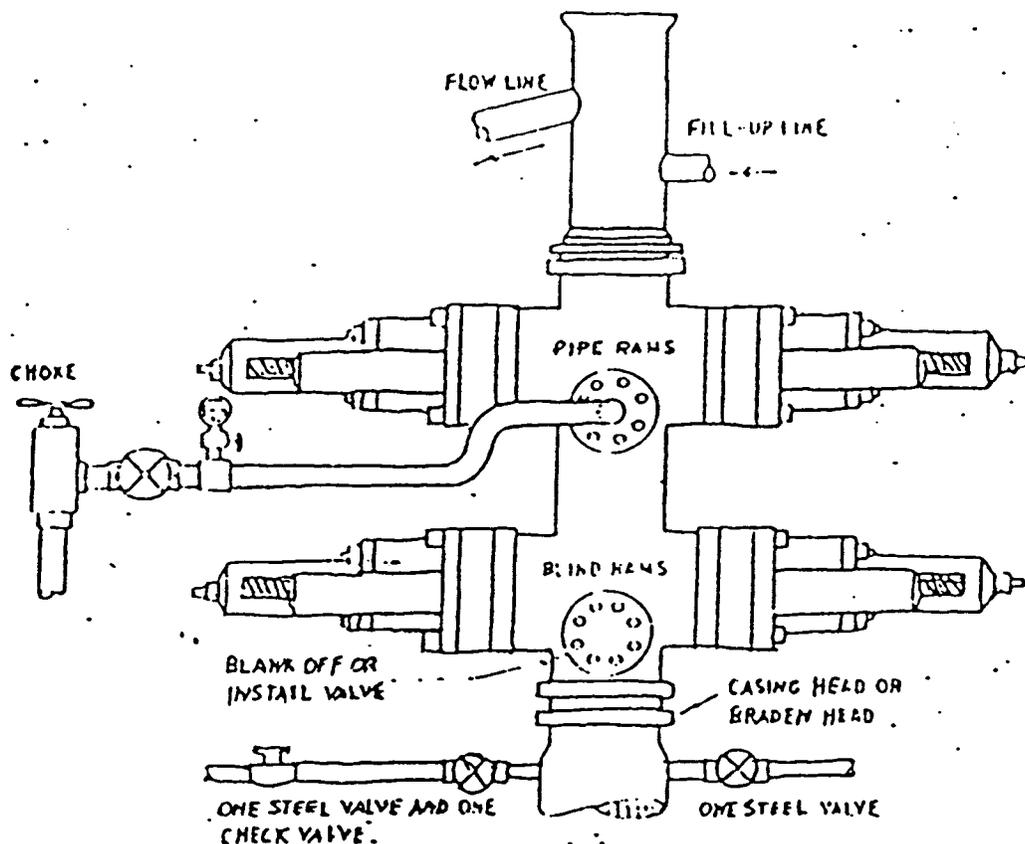
T. 8 S.

T. 9 S.

EXHIBIT "F"



SPECIAL BOP INSTRUCTIONS



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. One double gate blowout preventer with lower rams blind and upper rams for pipe, all hydraulically controlled, opening on preventers between rams.
- B. Opening to be flanged, studded or clamped and at least two inches diameter.
- C. All connections from operating manifold to preventers to be all steel hose or tube a minimum of one inch in diameter.
- D. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the preventers.
- E. All connections to and from preventers to have a pressure rating equivalent to that of the BOPs.
- F. Manual controls to be installed before drilling cement plug.
- G. Valve to control flow through drill pipe to be located on Rig floor.
- H. Choke may be either positive or adjustable.  
A choke spool may be used between preventers.
- I. Casinghead or bradenhead flange will be 10" API Series 900
- J. After each string of casing is run, BOP and casinghead will be tested to 1000 psi. Pipe ram operation will be checked every 24 hours & blind rams checked every trip.



P.O. BOX 467 GOLDEN, COLORADO 80401

WATER AGREEMENT

5/1/85

Coors Energy Company has an agreement with Curry Leasing in Utah to furnish and haul water from private sources owned by Mr. Alton Moon of Bridgeland, Utah, from Antelope Creek for the following wells:

Ute Tribal 2-3

Ute Tribal 3-8

Ute Tribal 3-9

Ute Tribal 3-18

Ute Tribal 4-18

Ute Tribal 6-4

all in T5S-R3W in Duchesne County, Utah.

Very truly yours,

R. L. Nelms  
Petroleum Engineer

RLN:kr

EXHIBIT "I"

4-30-85

To whom it may concern  
I Alton Moon will let anyone  
having use water out of Antelope  
Creek for the purpose of drilling  
oil wells for coal energy

Alton N Moon

APPLICATION NO. 85-43-27  
DISTRIBUTION SYSTEM

# Application For Temporary Change of Point of Diversion, Place or Purpose of Use STATE OF UTAH

(To Be Filed in Duplicate)

Yernal Apr. 30 19 85  
Place Date

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use  
(Strike out section number not needed)

of water, the right to the use of which was acquired by 43-1688 (A994)  
(Give No. of application, title and date of Decree and Award No.)  
in that hereinafter described application is hereby made to the State Engineer, based upon the following showing of  
facts submitted in accordance with the requirements of the Laws of Utah.

1. The owner of right or application is J. Willis Noon, Elmer Noon, Orven Noon
2. The name of the person making this application is Curry Leasing
3. The post office address of the applicant is P. O. Box 227, Altamont, Utah 84001

### PAST USE OF WATER

4. The flow of water which has been used in second feet is 1 5/7 cfs.
5. The quantity of water which has been used in acre feet is \_\_\_\_\_
6. The water has been used each year from Apr. 1 to Sept. 31 incl.  
(Month) (Day) (Month) (Day)
7. The water has been stored each year from \_\_\_\_\_ to \_\_\_\_\_ incl.  
(Month) (Day) (Month) (Day)
8. The direct source of supply is Antelope Draw in Duchesne County.
9. The water has been diverted into ditch at a point located S80°38' N2604' from  
the E1/4 Cor. Sec. 16, T4S, R3W, USB&M
10. The water involved has been used for the following purpose: Irrigation

Total 124.9 acres

NOTE: If for irrigation, give legal subdivisions of land and total acres, which has been irrigated. If for other purpose, give place and purpose of use.

12. The quantity of water to be changed in acre-feet is 18.0
13. The water will be diverted into the tank trucks ditch at a point located North 2640 ft. East  
2640 ft. from SW Cor. Sec. 6, T5S, R3W, USB&M
14. The change will be made from Apr. 30 19 85 to Apr. 30 19 86  
(Period must not exceed one year)
15. The reasons for the change are Water to be used for oil well drilling, completion & service work
16. The water involved herein has heretofore been temporarily changed \_\_\_\_\_ years prior to this application.  
(List years change has been made)

17. The water involved is to be used for the following purpose: (See #15) Coors Energy: Ute Tribal 6-4, Ute Tribal 3-18, Ute Tribal 4-18, Ute Tribal 3-9, Ute Tribal 3-8, Ute Tribal 2-3, all in T5S, R3W, Sections 3-4-5-6-7-8-9-10-15-16-17-18-19-20-21-28-29-30-31-32-33.  
Total \_\_\_\_\_ acres.

NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

### EXPLANATORY

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

*Adrian M. Meritt*

*Joe Curry*  
Signature of Applicant

**RULES AND REGULATIONS**

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$7.50. Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:

State Engineer  
State Capital Building  
Salt Lake City, Utah

**STATE ENGINEER'S ENDORSEMENTS**

(Not to be filled in by applicant)

Change Application No. .... (Row System)

1. .... Application received by Water Commissioner ..... (Name of Commissioner)

Recommendation of Commissioner .....

2. 4/30/85 Application received <sup>over counter</sup> ~~by mail~~ in State Engineer's Office by L. Y.

Fee for filing application, \$7.50 received by ..... ; Rec. No. ....

..... Application returned, with letter, to ..... for correction.

..... Corrected application resubmitted <sup>over counter</sup> ~~by mail~~ to State Engineer's Office.

..... Fee for investigation requested \$ .....

..... Fee for investigation \$ ..... received by ..... : Rec. No. ....

..... Investigation made by ..... : Recommendations: .....

..... Fee for giving notice requested \$ .....

..... Fee for giving notice \$ ..... received by ..... : Rec. No. ....

..... Application approved for advertising by <sup>publication</sup> ~~mail~~ by .....

..... Notice published in .....

..... Notice of pending change application mailed to interested parties by ..... as follows:

..... Change application protested by ..... (Date Received and Name)

..... Hearing set for ..... at .....

..... Application recommended for <sup>rejection</sup> ~~approval~~ by .....

..... Change Application <sup>rejected</sup> ~~approved~~ and returned to .....

**THIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:**

- .....
- .....
- .....

State Engineer



# ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P.O. Box 853 Bountiful, Utah 84010  
Tel: (801) 292-7061, 292-9668

*To: Jim Simonton  
Derry*

April 10, 1985

**Subject:** Cultural Resource Evaluations of Six Proposed  
Oil-Gas Well Locations in the Antelope Canyon  
Locality of Duchesne County, Utah

**Project:** Coors Energy Company - Ute Tribal Units No.  
2-3, 3-8, 3-18, 3-9, 4-18 and 6-4

**Project No.:** CEC-84-3

**Permit:** Utah State U-84-26-2561

**To:** ✓ Mr. James Simonton, Coors Energy Company, P.O.  
Box 460, Roosevelt, Utah 84066

Mr. Jamie Cuch, Ute Indian Tribe, Energy and  
Minerals Division, P.O. Box 190, Fort Duchesne,  
Utah 84026

Mr. Roland McCook, Bureau of Indian Affairs, Real  
Property Management, P.O. Box 190, Fort Duchesne,  
Utah 84026

**Info:** Mr. Blaine Phillips, Bureau of Land Management,  
170 South 500 East, Vernal, Utah 84078

Antiquities Section, Division of State History,  
300 Rio Grande, Salt Lake City, Utah 84101

EXHIBIT "J"

POOR COPY

## GENERAL INFORMATION

On April 2 and 5, 1985, F. R. Hauck conducted intensive evaluations of six proposed oil-gas well locations and access roads for Coors Energy Company of Roosevelt, Utah. The evaluations were conducted during the on-site investigations and in company with Mr. Jamie Cuch of the Ute Tribe. These well locations are in the Antelope Canyon locality of Duchesne County and are located in the following sections of Township 5 South, Range 3 West:

Ute Tribal Unit No. 2-3	Section 3, SW $\frac{1}{4}$
Ute Tribal Unit No. 3-8	Section 8, NW $\frac{1}{4}$
Ute Tribal Unit No. 3-18	Section 18, SW $\frac{1}{4}$
Ute Tribal Unit No. 3-9	Section 9, SW $\frac{1}{4}$
Ute Tribal Unit No. 4-18	Section 18, NE $\frac{1}{4}$
Ute Tribal Unit No. 6-4	Section 4, SW $\frac{1}{4}$

With the exception of Unit 3-18, all the locations are in the saltbrush environments associated with the bottom or eastern ridge of Antelope Canyon. Unit 3-18 is in the pinyon-juniper ecozone located on the west ridge above Antelope Canyon.

Units 3-18 and 3-9 have long access routes which extend into other sections. The access into No. 3-9 begins at an existing location in the NE $\frac{1}{4}$  of Section 17 and goes to the northeast into Section 9 (see Map 1). Unit 3-18 was evaluated to include two prospective access routes. As Map 2 indicates, the primary access into this location begins at an Ironwood location in the SE $\frac{1}{4}$  of Section 13 and extends northward along the ridgetop then eastward into Section 18 to connect with the pad on the east-west ridge line. The secondary access route begins on the existing road in the NE $\frac{1}{4}$  of Section 24 in the bottom of a tributary canyon to Antelope Canyon. This route then ascends the north canyon wall going in a northeasterly direction until it connects with the well location.

A records check was conducted at the Antiquities Section of the Division of State History on 4-1-85 with negative results. Site 42 Dc 512 (AERC 832R/1) was known to be associated with the western end of the proposed access route into Unit 3-18. The National Register of Historic Places has been consulted and no registered properties will be affected by the proposed developments.

#### RESULTS

No new cultural resource loci were recorded during the various evaluations. Isolated primary flakes were observed at several points along the upper access route into Unit 3-18 but those artifacts are peripherally associated with Site 42 Dc 512. The upper access into Unit 3-18 was moved to the north to avoid that significant cultural site.

#### CONCLUSION AND RECOMMENDATIONS

AERC recommends that Coors Energy Company be granted a cultural resource clearance based upon adherence with the following stipulations:

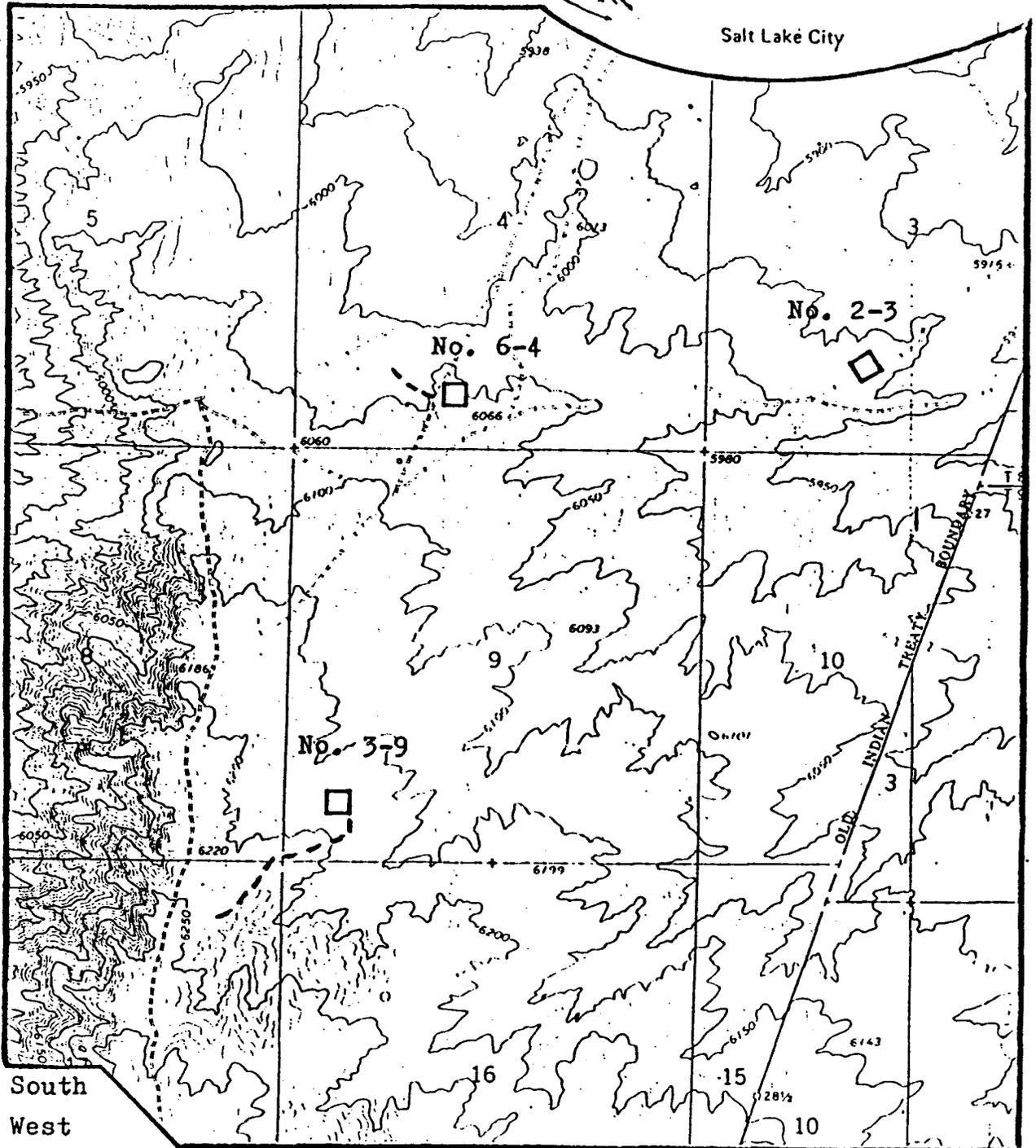
1. All vehicular traffic, personnel movement, and construction should be confined to the locations examined and to the evaluated access roads.
2. All personnel should refrain from collecting artifacts or from disturbing any cultural resources in the area.
3. A qualified archeologist should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area.



F. R. Hauck, Ph.D.  
Principal Investigator



Salt Lake City



T. 5 South  
R. 3 West

Meridian: Uinta B. & M.

Quad:

Project: CEC-84-3  
Series: Uinta Basin  
Date: 4-10-85

MAP 1  
Cultural Resource Survey  
of Proposed Well Locations  
in the Antelope Canyon  
Locality of Duchesne Co.

Myton SW, Utah  
7.5 minute-USGS



Legend:

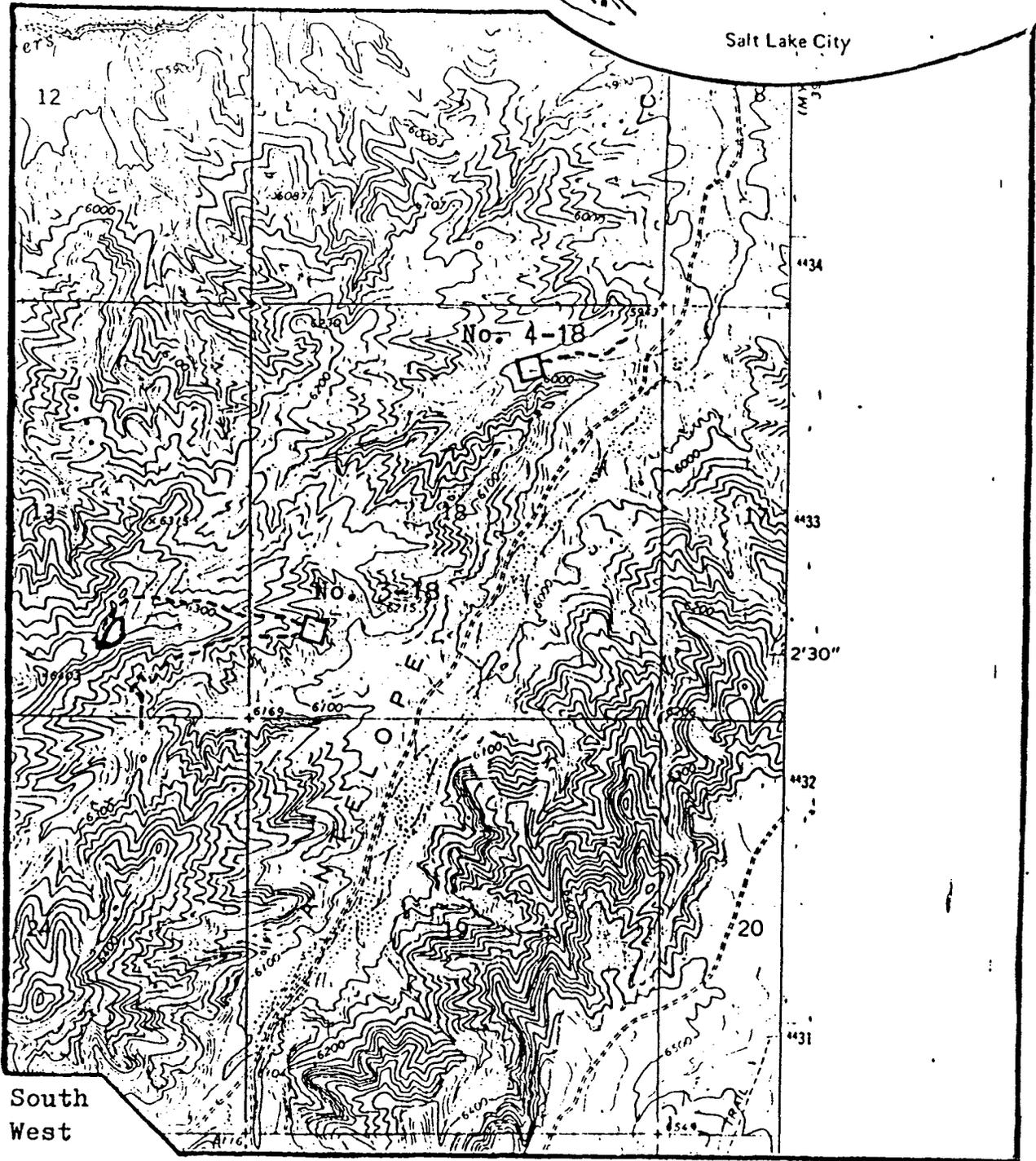
- Well Location
- Access Route



2.64" = 1 mile



Salt Lake City



T. 5 South  
R. 3 West

Meridian: Uinta B. & M.

Quad:

Project: CEC-84-3  
Series: Uinta Basin  
Date: 4-10-85

MAP 2  
Cultural Resource Survey  
of Proposed Well Locations  
in the Antelope Canyon  
Locality of Duchesne Co.

Duchesne SE, Ut.  
7.5 minute-USGS

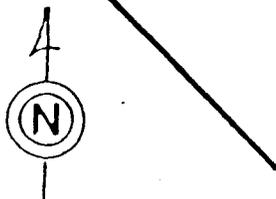


Legend:

Well Location

Access Route

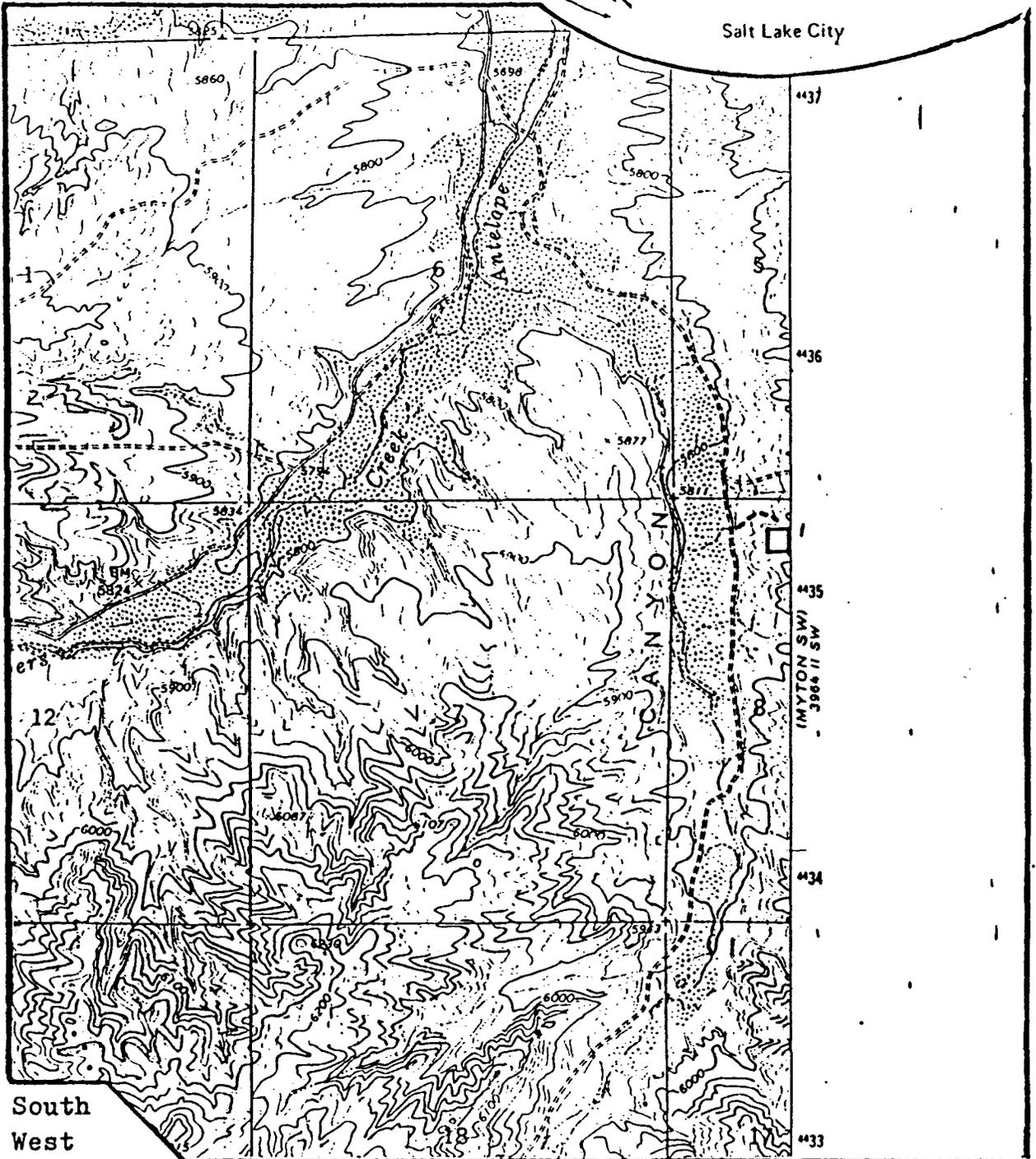
Site 42Dc512



2.64" = 1 mile



Salt Lake City



T. 5 South  
R. 3 West

Meridian: Uinta B. & M.

Quad:

Project: CEC-84-3  
Series: Uinta Basin  
Date: 4-10-85

MAP 3  
Cultural Resource Survey  
of Ute Tribal No. 3-8  
in the Antelope Canyon  
Locality of Duchesne Co.

Duchesne SE, Ut.  
7.5 minute-USGS

Legend:

Well Location

Access Route



2.64" = 1 mile

Scale



CERTIFICATION BY OPERATOR'S FIELD REPRESENTATIVE

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road; that I am familiar with the conditions that presently exist; that the statements made in this plan are, to the best of my knowledge, true, complete, and correct; and that the work associated with this plan will be carried on by Coors Energy Company, and its contractors and subcontractors, in conformity with the plan and the terms and conditions under which it is approved.

5-2-85  
Date

  
R. L. Martin  
Vice President, Oil & Gas Production

kr

EXHIBIT "K"

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the U.S. Department of the Interior, Bureau of  
Indian Affairs

DISTRICT LAND OFFICE: The Ute Indian Tribe and the Ute Distribution Corporation

Lease No. 14-20-H62

Tract No. 63

and hereby designates

NAME: Coors Energy Company  
ADDRESS: P.O. Box 467, Golden, Colorado 80401

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 5 South, Range 3 West, U.S.M.  
Section 18: NE/4

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

GULF OIL CORPORATION

  
\_\_\_\_\_  
(Signature of lessee)  
W. R. Wimbish Attorney-in-Fact

.....February 7, 1983.....  
(Date)

P.O. Box 2619, Casper, WY 82602  
(Address)

EXHIBIT "L"



UTE Energy & Minerals  
P.O. Box 190  
Fort Duchesne, Utah 84026

(801) 722-8141 x219

NOTICE

TO: All Well Operators, Lessees, Subcontractors, Vendors, and Affiliated Agents and Employees Thereof

When entering the Ute Reservation, the entering individual is coming into a sovereign nation separate and distinct from the State of Utah. As such, there are special requirements which must be complied with when traversing or operating on Ute Indian Lands.

1. Trespass permits shall be obtained and carried with individual on tribal lands at all times.
2. All operators, subcontractors, vendors, and their employees or agents shall not carry firearms or other weapons.
3. All operators, subcontractors, vendors, and their employees or agents are confined to established roads and well sites. All litter must be removed from Ute Lands.
4. All operators, subcontractors, vendors, and their employees or agents may not gather firewood on Indian lands. Absent a duly granted "wood permit," such gathering is a criminal offense punishable in Federal court.
5. If water or fill materials are needed in constructing roads, well sites, or are used in the drilling process, proper permits are needed. Required information for permits includes: a) the approximate amount of water or materials needed; b) the location and ownership of the water rights or materials to be used and; c) the approximate amount of water or materials to be used.
- 6) All artifacts found while on Tribal lands shall be left in place and the Tribe promptly notified of the find.
- 7) No prospecting will be allowed on Tribal lands.
- 8) No alcoholic beverages or drugs shall be permitted while working on the Reservation.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL  
WITHIN THE UINTAH CURAY RESERVATION

Company COORS ENERGY Co. Well No. 4-18  
Location Sec. 18 T. 55 R. 3W Lease No. 14-20-462-  
Onsite Inspection Date 4-2-85 3513

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations, Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

	<u>Formation</u>	<u>Zone</u>
Expected oil zones:	_____	_____
Expected gas zones:	_____	_____
Expected water zones:	_____	_____
Expected mineral zones:	_____	_____

Note:  
Expected  
BHP's

All fresh 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.

3. Pressure Control Equipment:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

BOP systems will be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

5. Mud Program and Circulating Medium: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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.

6. Coring, Logging and Testing Program: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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 authorized officer (AO).

7. Abnormal Conditions, Bottom Hole Pressures, <sup>expected</sup> and Potential Hazards:

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8. Anticipated Starting Dates and Notifications of Operations:

Location construction: \_\_\_\_\_

Spud date: \_\_\_\_\_

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 spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in triplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

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.

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 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

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 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 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.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

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 SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 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.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PLAN

1. Existing Roads:

- a. Location of proposed well in relation to town or other reference point: \_\_\_\_\_
- b. Proposed route to location: \_\_\_\_\_
- c. Location and description of roads in the area: \_\_\_\_\_
- d. Plans for improvement and/or maintenance of existing roads: \_\_\_\_\_
- e. Other: \_\_\_\_\_

2. Planned Access Roads: Length: 1500'

- a. Width: 30' ROW - 18' running surface
- b. Maximum grades: \_\_\_\_\_
- c. Turnouts: \_\_\_\_\_
- d. Location (centerline): \_\_\_\_\_
- e. Drainage: Divert H<sub>2</sub>O to South - Ponds or North
- f. Surface materials (source): \_\_\_\_\_
- g. Other: \_\_\_\_\_

All travel will be confined to existing access road rights-of-way.

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

3. Location of Existing Wells: \_\_\_\_\_

4. Location of Tank Batteries and Production Facilities:

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

None

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain  $1\frac{1}{2}$  times the storage capacity of the battery.

Tank batteries will be placed on the: \_\_\_\_\_

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

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

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

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried <sup>or anchored down</sup> from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters must be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months for new meter installations and at least quarterly for other meter installations. 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 the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

5. → Water and Construction Materials:

If fill materials are needed to construct roads and well sites, proper permits will be obtained. A copy of the permit needed to obtain water will be attached to the application if water is to be used for the drilling. Information for permits will include: (a) the approximate amount of water or materials needed, (b) location and ownership of the water rights or materials to be used and, (c) the approximate amount of time the water or materials will be required.

Antelope Creek

6. Methods of Handling Waste Disposal:

Storage tanks will be used if drill sites are located on tribal irrigable land or on lands under crop production. All reserve pits will be (lined) plastic

Burning (~~will~~ will not) be allowed. All trash must be contained and disposed of by: a trash cage and hauled to an approved sanitary landfill.

Produced waste water will be confined to a (lined pit) 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, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

7. Ancillary Facilities:

Camp facilities (~~will~~ will not) be required. ~~They will be located:~~

8. Well Site Layout: The reserve pit will be located:

between points A & 5 - N. side of location

The stockpiled topsoil will be stored: West & utilized as dike - between 4 & 2

Access to the well pad will be from: East - pts. 6 & 7  
between -

~~The trash pit will be located:~~

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. Fencing will be on 3 sides during drilling operations and on the 4th side after the rig moves off the location. Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to

Right-of-Way Authorization". All operators, sub-contractors, vendors and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

9. Plans for Restoration of Surface:

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production. \_\_\_\_\_

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. If a plastic nylon reinforced liner is use it should be torn and perforated before backfilling of the reserve pit.

All disturbed areas will be recontoured to the approximate natural contours. \_\_\_\_\_

Not required for production operations,

The stockpiled topsoil will be evenly distributed over the disturbed areas. \_\_\_\_\_

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface. \_\_\_\_\_

Seed will be broadcast or drilled at a time specified by the <sup>BIA</sup> ~~BIA~~. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. \_\_\_\_\_

The following seed mixture will be used:

To be determined by the BIA  
at time of restoration.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

Within 1 year of well completion,  
weather permitting.

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

The operator will submit a plan of controlling noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. A list of noxious weeds can be obtained from the appropriate county extension office.

10. Surface and Mineral Ownership:

Indian surface and minerals

11. Other Information: Divert access road drainage to  
south side of location -

There will be no deviation from the proposed drilling and/or work-over 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 3162.3

"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 ~~3161~~. 3162.3-2.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance ~~(will not)~~ (will) be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

12. Lessee's or Operators Representative and Certification

Operator employees, including subcontractors, will not carry fire-arms or other weapons that may be used to kill game animals.

Operator employees, including subcontractors, will be confined to established roads and well sites. The purpose of this is to prevent soil erosion, and to prevent harassment of game animals or livestock with off-road vehicles such as snowmobiles, motorcycles, or 4-wheel drives.

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the B.I.A. before cutting firewood or other timber products and (e) only authorized personnel permitted.

A bench mark will be established near each well site at a location where it will not be destroyed. The bench mark will be a brass cap set in concrete. The brass cap will show the well number and elevation to the nearest one-tenth of a foot. The cuts and fills diagram for the well site will show elevations in relation to the bench mark.

Representative

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone No. \_\_\_\_\_

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 currently exist, that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed herein will be performed by \_\_\_\_\_

*Coors Energy*

and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

4/2/85  
Date

John A. Smith Oil & Gas Sup.  
Name and Title

CN-SITE

DATE: 4-2-85

PARTICIPANTS:

TITLE:

Ang L. Heusler Ben  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

OPERATOR Cross Energy Co. DATE 5-7-85  
WELL NAME Ute vital 4-18  
SEC NW NE 18 T 5S R 3W COUNTY Blanchard

43-013-31099  
API NUMBER

Indian  
TYPE OF LEASE

CHECK OFF:

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> PLAT  | <input checked="" type="checkbox"/> BOND  | <input checked="" type="checkbox"/> NEAREST WELL        |
| <input checked="" type="checkbox"/> LEASE | <input checked="" type="checkbox"/> FIELD | <input checked="" type="checkbox"/> POTASH OR OIL SHALE |

PROCESSING COMMENTS:

No other wells within 1000'  
Water & - # 85-43-27

APPROVAL LETTER:

- SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a \_\_\_\_\_ CAUSE NO. & DATE
- c-3-b  c-3-c

STIPULATIONS:

1- Ed location location  
2- BOP- 3000 psi - 8 5/8" csg.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 10, 1985

Coors Energy Company  
P. O. Box 467  
Golden, Colorado 80402

Gentlemen:

Re: Well No. Ute Tribal 4-18 - NW NE Sec. 18, T. 5S, R. 3W  
812' FNL, 1768' FEL - Duchesne County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Submittal to the Division of information justifying the necessity for an exception location and verification of ownership within a radius of 500 feet of the proposed location.
2. Blowout prevention equipment with a minimum of 3000 psi working pressure should be used after drilling out of 8 5/8" casing.

In addition, the following actions are necessary to fully comply with this approval:

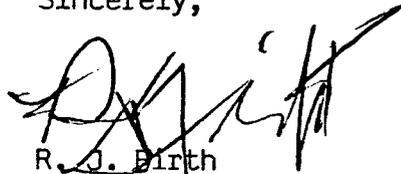
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2  
Coors Energy Company  
Well No. Ute Tribal 4-18  
May 10, 1985

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31099.

Sincerely,



R. J. Birth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals  
Bureau of Indian Affairs

*Subj.*

RECEIVED

MAY 21 1985

DIVISION OF OIL  
GAS & MINING



May 16, 1985

Mr. R. J. Firth  
 Associate Director, Oil & Gas  
 State of Utah, Natural Resources  
 Oil, Gas & Mining  
 355 West North Temple  
 3 Triad Center, Suite 350  
 Salt Lake City, Utah 84180-1203

Re: Ute Tribal 4-18  
 NWNE Sec. 18, T5S-R3W  
 812'FNL, 1768'FEL  
 Duchesne County, Utah

Ute Tribal 2-3  
 SESW Sec. 3, T5S-R3W  
 1050'FSL, 1980'FWL  
 Duchesne County, Utah

Dear Ron:

As per your May 10, 1985 letter, we would like to submit to the Division the information necessary for an exception of the location within a 500' radius of the quarter-quarter line of each proposed location. Due to the rough terrain, Coors has topographical constraints as to where each location can be placed. In the case of the Ute 4-18, we have a 100' cliff face directly north, south and west of the location. See originally submitted topographic sheets. In the case of the Ute 2-3, we have a moderately dipping valley to the north and southeast of the proposed location. Neither location could be moved without substantial environmental disturbance and costly construction expenses.

To address the question of verification of ownership within a 500' radius, for the Ute 2-3, see the attached Designation of Operator submitted in the original application. Coors is the designated operator for the entire SW/4 of Section 3, T5S-R3W.

In reference to the Ute 4-18, see the attached Designation of Operator. Coors is the designator operator of the entire NE/4 of Sec. 18, T5S-R3W. The Designation of Operator was also submitted with the original application to the State of Utah. Note that Coors is farming out leases owned by Gulf Oil in the Antelope Creek Field. If you require any further information, please feel free to contact me.

Very truly yours,



R. L. Nelms  
Petroleum Engineer

RLN:kr

cc: BLM  
Ute Tribe - Jason Cuch, P.E.  
BIA - Roland McCook  
File  
Jim Simonton

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-013-31099

NAME OF COMPANY: COORS ENERGY

WELL NAME: UTE TRIBAL 4-18

SECTION NW NE 18 TOWNSHIP 5S RANGE 3W COUNTY Duchesne

DRILLING CONTRACTOR Ram Air Drilling

RIG # \_\_\_\_\_

SPUDDED: DATE 12-16-85

TIME 12:01 PM

HOW Rat Hole Digger

DRILLING WILL COMMENCE 1-3-86 - Olsen Rig #7

REPORTED BY Karen

TELEPHONE # 303-278-7030

DATE 12-16-85 SIGNED SB

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

5. LEASE DESIGNATION AND SERIAL NO.

14-20-H62-3513

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

----

8. FARM OR LEASE NAME

Ute Tribal

9. WELL NO.

4-18

10. FIELD AND POOL, OR WILDCAT

Antelope Creek

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

Sec. 18, T5S-R3W

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Coors Energy Company

3. ADDRESS OF OPERATOR  
PO Box 467, Golden, Colorado 80402

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface

812'FNL, 1768'FEL, NW/4NE/4

14. PERMIT NO.  
43-013-31099

15. ELEVATIONS (Show whether DF, ST, OR, etc.)  
5985'GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT

Spud & Progress Report

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

12/16/85 Spudded well 12/16/85 at 12:00 noon.

12/17 to 12/19/85 Drilled to 410', ran 10 jts of 8-5/8" 24.00# J55 STC casing, set at 400', cemented w/225 sx. Class G cement w/2% CACL.

12/20 to 12/23/85 WO Olsen Rig #2. MIRU Olsen, started drilling.

12/24 to 1/2/86 Drilled to TD of 6400'. Ran 128 jts of 5-1/2" 15.50# J55 STC casing, set at 5110', cemented w/1300 sx. cement.

1/3 to 1/7/86 WOCT. MIRU B&B Well Service, perf'd from 4610-19' w/4 SPF.

1/8/86 WO frac.

RECEIVED

JAN 14 1986

DIVISION OF OIL  
GAS & MINING

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

SIGNED R. L. Martin

TITLE V.P. O/G Operations

DATE 1-8-86

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

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

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-H62-3513

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribe

7. UNIT AGREEMENT NAME  
-----

8. FARM OR LEASE NAME  
Ute Tribal

9. WELL NO.  
4-18

10. FIELD AND POOL, OR WILDCAT  
Antelope Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 18, T5S-R3W

12. COUNTY OR PARISH | 13. STATE  
Duchesne | Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Coors Energy Company

3. ADDRESS OF OPERATOR  
PO Box 467, Golden, Colorado 80402

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
812' FNL, 1768' FEL, NW/4NE/4

14. PERMIT NO.  
43-013-31099

15. ELEVATIONS (Show whether SP, RT, OR, etc.)  
5985' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Progress Report</u>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well (Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

1/9/86 Fraced interval from 4610-19' w/54,000# 20/40 sand and 15,000# 10/20 sand, 776 bbls X-link gel water.  
Perf'd from 4206-14' and 4157-65' w/1 SPF.

1/10/86 Fraced from 4157-4214' w/130,000# 20/40 sand, 18,000# 10/20 sand, 1488 bbls X-link gel water.  
This AM, preparing to flow back and swab well.

RECEIVED  
JAN 14 1986  
DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct  
SIGNED R. L. Martin TITLE V.P. O/G Operations DATE 1-10-86  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JAN 14 1985

DIVISION OF OIL  
GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number Ute Tribal 4-18  
Operator Coors Energy Company Address PO Box 467, Golden, Co. 80402  
Contractor Olsen Drilling, Rig #2 Address 1616 Glenarm Pl, Denver, Colo. 80202  
Location NW 1/4 NE 1/4 Sec. 18 T: 5S R. 3W County Duchesne

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	20'		none	fresh
2.				
3.				
4.				
5.				

(Continue of reverse side if necessary)

Formation Tops

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

3. LEASE DESIGNATION AND SERIAL NO.  
14-20-H62-3513  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribe  
7. UNIT AGREEMENT NAME  
-----  
8. FARM OR LEASE NAME  
Ute Tribal  
9. WELL NO.  
4-18  
10. FIELD AND POOL, OR WILDCAT  
Antelope Creek  
11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA  
Sec. 18, T5S-R3W

1. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

Coors Energy Company

3. ADDRESS OF OPERATOR

PO Box 467, Golden, Colorado 80402

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 812' FNL, 1768' FEL, NW/4NE/4

At top prod. interval reported below  
same

At total depth  
same

14. PERMIT NO. 43-013-31099 DATE ISSUED 5/10/85

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 12/16/85 16. DATE T.D. REACHED 1/1/86 17. DATE COMPL. (Ready to prod.) 1/19/86 18. ELEVATIONS (DF, RER, RT, OR, ETC.)\* 5985' GL 19. ELEV. CASINGHEAD ---

20. TOTAL DEPTH, MD & TVD 6400' 21. PLUG, BACK T.D., MD & TVD 5046' 22. IF MULTIPLE COMPL., HOW MANY\* --- 23. INTERVALS DRILLED BY ROTARY TOOLS 0-6400' CABLE TOOLS no

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4157-4619', Green River Formation 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, DIL, CNL 27. WAS WELL CORED yes, sidewall core

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48.00#	25'	17-1/2"	50 sx.	
8-5/8"	24.00#	400'	12-1/4"	225 sx.	
5-1/2"	15.50#	5110'	7-7/8"	1300 sx.	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4647'	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	PERFORATION
4610-4619'	w/4 SPF
4206-4214', 4157-4165'	w/1 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4610-4619'	54,000# 20/40 sand, 15,000# 10/20 sand, 776 bbls gel water
4214-4157'	500 gal 7-1/2% acid, 25 BS, 130,000# 20/40 sand, 18,000# 10/20 sand, 1488 bbls fluid

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
1/25/86	Pumping, 2-1/2" x 1-1/2" x 16' rod pump	Producing

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
1/25/86	24	---	→	93	18	10	193/1

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)
---	40	→	93	18	10	40

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

35. LIST OF ATTACHMENTS None

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

SIGNED R. L. Martin TITLE V.P. O/G Operations DATE 2-7-86

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 85.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Green River:	1510'					
Green River (Parachute Creek):	2858'					
Green River (Garden Gulch):	3736'					
Green River (Upper Douglas Creek):	4770'					

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 PRESSURE, AND RECOVERIES

38. GEOLOGIC MARKERS

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

14-20-H62-3513

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

----

8. FARM OR LEASE NAME

Ute Tribal

9. WELL NO.

4-18

10. FIELD AND POOL, OR WILDCAT

Antelope Creek

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

Sec. 18, T5S-R3W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Coors Energy Company

3. ADDRESS OF OPERATOR  
PO Box 467, Golden, Colorado 80402

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface

812'FNL, 1768'FEL, NW/4NE/4

14. PERMIT NO.  
43-013-31099

15. ELEVATIONS (Show whether OF, RT, GR, etc.)  
5985'GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Date of First Production

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Date of First Production: 1/25/86 at 6:00AM.

Sales from this well will be made to the following:

Oil: Texaco Trading & Transportation, Inc.  
PO Box 5568  
Denver, Colorado 80217

Gas: Mountain Fuel  
PO Box 11450  
Salt Lake City, Utah 84147

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

SIGNED

R. L. Martin

TITLE

V.P. O/G Operations

DATE

2/6/86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 25, 1986

Coors Energy Company  
P.O. Box 467  
Golden, Colorado 80402

Gentlemen:

Re: Well No. Ute Tribal #4-18 - Sec. 18, T. 5S, R. 3W  
Duchesne County, Utah - API No. 43-013-31099

A review of our records indicates that copies of the DIL and CNL logs, which were run on the referenced well as indicated on the Well Completion Report dated February 7, 1986 have not been received.

Rule 312, Oil and Gas Conservation General Rules, requires that copies of the well logs be submitted within 90 days of well completion.

Please provide copies of the required logs at your earliest convenience, but not later than July 18, 1986.

Respectfully,

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

Norman C. Stout  
Administrative Assistant

ts  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0413/8



June 27, 1986

**RECEIVED**  
JUN 30 1986

State of Utah  
Natural Resources  
Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

**DIVISION OF  
OIL, GAS & MINING**

Attn: Mr. Norm Stout

Dear Mr. Stout:

Enclosed please find one copy of the DIL, CNL and CBL logs for the following well:

Ute Tribal 4-18  
Section 18, T5S-R3W  
Duchesne County, Utah

Let us know if you find you are in need of any further information.

Very truly yours,

Karen Rohrer  
Production Secretary

KR

Enclosures



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Robert L. Morgan, State Engineer

Eastern Area • State/County Building • 152 E. 100 North • Vernal, UT 84078-2110 • 801-789-3714

March 18, 1987

RECEIVED  
MAR 31 1987

*COORS ENERGY*

DIVISION OF  
OIL, GAS & MINING

Mr. Joe Curry  
Curry Leasing  
P. O. Box 227  
Altamont, Utah 84001

RE: Temporary Change t14264

Dear Mr. Curry:

The above numbered Temporary Change Application has been approved, subject to prior rights.

A copy is herewith returned to you for your records and future reference.

Sincerely yours,

Robert W. Leake, P.E., Area Engineer  
for Robert L. Morgan, P.E.  
State Engineer

RLM:RWL/1n

Enclosure

APPLICATION NO. 14264  
DISTRIBUTION SYSTEM

# Application For Temporary Change of Point of Diversion, Place or Purpose of Use STATE OF UTAH

(To Be Filed in Duplicate)

Vernal, Utah Place March 17 19 87 Date

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use of water, the right to the use of which was acquired by 43-1688 (A994) (Strike out written matter not needed)

(Give No. of application, title and date of Decree and Award No.)  
to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

- The owner of right or application is J. Willis Moon, Elmer Moon, Orven Moon
- The name of the person making this application is Curry Leasing
- The post office address of the applicant is P. O. Box 227, Altamont, Utah 84001

### PAST USE OF WATER

- The flow of water which has been used in second feet is 1 5/7
- The quantity of water which has been used in acre feet is
- The water has been used each year from Apr. 1 (Month) to Sept. 30 (Month) incl. (Day) (Day)
- The water has been stored each year from (Month) (Day) to (Month) (Day) incl.
- The direct source of supply is Antelope Draw in Duchesne County.
- The water has been diverted into Ditch ditch canal at a point located S. 80° 38' N. 2604' from the E 1/4 Cor. Sec. 16, T4S, R3W, USB&M
- The water involved has been used for the following purpose: Irrigation

Total 124.9 acres

NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give place and purpose of use.

### THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

- The flow of water to be changed in cubic feet per second is
- The quantity of water to be changed in acre-feet is 18.0
- The water will be diverted into the Tank Trucks ditch canal at a point located North 2640 ft., East 2640 from the SW Cor. Sec. 6, T5S, R3W, USB&M
- The change will be made from Apr. 30 19 87 to Apr. 30 19 88 (Period must not exceed one year)
- The reasons for the change are Water is to be used for oil well drilling, completion and service work
- The water involved herein has heretofore been temporarily changed \_\_\_\_\_ years prior to this application. (List years change has been made)
- The water involved is to be used for the following purpose: (See #15) Coors Energy; Ute Tribal 6-4, Ute Tribal 3-18, Ute Tribal 4-18, Ute Tribal 3-9, Ute Tribal 3-8, Ute Tribal 2-3  
All in T5S, R3W, Sections 3, 4, 5, 6, 7, 8, 9, 10, 15, 16, 17, 18, 19, 20, 21, 28, 29, 30, 31, 32, 33. Total \_\_\_\_\_ acres.

NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

### EXPLANATORY

- 43-013-31097-SOW 2-3 (sec 3) 43-013-31099-POW 4-18 (sec 18)
- 43-013-31100-SOW 6-4 (sec 4) 43-013-31102-LA 3-18 (sec 18)
- 43-013-31101-POW 3-8 (sec 8)
- 43-013-31098-LA 3-9 (sec 9)

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

Joe Curry  
Signature of Applicant



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• MARYELLEN VIALPANDO  
COORS ENERGY  
PO BOX 467  
GOLDEN CO 80402-0467

Utah Account No. N5090

Report Period (Month/Year) 7 / 92

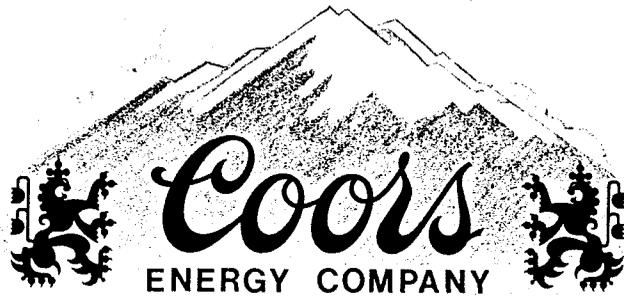
Amended Report

Well Name	Producing Zone	Days Oper	Production Volume		
API Number Entity Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
UTE TRIBAL 1-18 4301330761 09387 05S 03W 18	GRRV		14-20-H62-3513		
UTE TRIBAL 2-18 4301330881 09387 05S 03W 18	GRRV		"		
UTE TRIBAL #4-18 4301331099 09387 05S 03W 18	GRRV		"		
UTE TRIBAL #5-18 4301331180 09387 05S 03W 18	GRRV		"		
UTE TRIBAL 1-4 4301330762 09388 05S 03W 4	GRRV		14-20-H62-3503		
UTE TRIBAL 1-29 4301330763 09389 05S 03W 29	GRRV		14-20-H62-3518		
UTE TRIBAL 2-29 4301330849 09389 05S 03W 29	GRRV		"		
UTE TRIBAL 6-29 4301331305 09389 05S 03W 29	GRRV		"		
UTE TRIBAL 1-20 4301330764 09390 05S 03W 20	GRRV		14-20-H62-3515		
UTE TRIBAL 1-5 4301330785 09391 05S 03W 5	GRRV		14-20-H62-3504		
UTE TRIBAL 4-5 4301331306 09391 05S 03W 5	GRRV		"		
UTE TRIBAL 1-7 4301330788 09392 05S 03W 7	GRRV		14-20-H62-3506		
UTE TRIBAL 1-17 4301330790 09394 05S 03W 17	GRRV		14-20-H62-3512		
TOTAL					

Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete. Date \_\_\_\_\_

Authorized signature \_\_\_\_\_ Telephone \_\_\_\_\_



P.O. BOX 467 GOLDEN, COLORADO 80401

September 1, 1992

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

Attn: Mr. Ron Firth

Dear Mr. Firth:

This letter is to advise you that effective September 1, 1992 Coors Energy Company has sold its oil and gas properties located in Duchesne County, Utah to the following Company:

Evertson Oil Company, Inc.  
P.O. Box 397  
Kimball, Nebraska 69145  
Mr. Bruce F. Evertson, President  
Phone No.: (308) 235-4871

The sale includes the following wells:

<u>WELL NAME</u>	<u>API NO.</u>
✓State 2-6	43-013-30891
✓Ute Tribal 1	43-013-20045
✓Ute Tribal 1-10	43-013-30805
✓Ute Tribal 1-10D	43-013-31211
✓Ute Tribal 1-15	43-013-30880
✓Ute Tribal 1-15D	43-013-30712
✓Ute Tribal 1-16	43-013-30804
✓Ute Tribal 1-17	43-013-30790
✓Ute Tribal 1-18	43-013-30761
✓Ute Tribal 1-19	43-013-30803
✓Ute Tribal 1-20	43-013-30764
✓Ute Tribal 1-20D	43-013-31239
✓Ute Tribal 1-21	43-013-30883
✓Ute Tribal 1-24D	43-013-31234

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SEP 04 1992

DIVISION OF  
OIL, GAS & MINING

<u>WELL NAME</u>	<u>API NO.</u>
✓Ute Tribal 1-28	43-013-30802
✓Ute Tribal 1-29	43-013-30763
✓Ute Tribal 1-3	43-013-30823
✓Ute Tribal 1-30	43-013-30852
✓Ute Tribal 1-32	43-013-30853
✓Ute Tribal 1-33	43-013-30806
✓Ute Tribal 1-3D	43-013-31242
✓Ute Tribal 1-4	43-013-30762
✓Ute Tribal 1-5	43-013-30785
✓Ute Tribal 1-6	43-013-30793
✓Ute Tribal 1-7	43-013-30788
✓Ute Tribal 1-7D	43-013-31198
✓Ute Tribal 1-8	43-013-30759
✓Ute Tribal 2-10	43-013-31187
✓Ute Tribal 2-10D	43-013-31219
✓Ute Tribal 2-15D	43-013-31200
✓Ute Tribal 2-16	43-013-31166
Ute Tribal 2-18	43-013-
Ute Tribal 2-18D	43-013-30881
✓Ute Tribal 2-20	43-013-30882
✓Ute Tribal 2-29	43-013-30849
✓Ute Tribal 2-3	43-013-31097
✓Ute Tribal 2-31	43-013-31188
✓Ute Tribal 2-4	43-013-30879 (w/w)
✓Ute Tribal 2-5	43-013-30824
✓Ute Tribal 2-7	43-013-30825
✓Ute Tribal 2-8	43-013-30826
✓Ute Tribal 2-8D	43-013-31199
✓Ute Tribal 2-9	43-013-30789
✓Ute Tribal 3	43-013-15319
✓Ute Tribal 3-10D	43-013-31217
✓Ute Tribal 3-20	43-013-31175
✓Ute Tribal 3-29	43-013-30850
✓Ute Tribal 3-4	43-013-30878
✓Ute Tribal 3-5-E3	43-013-30938
✓Ute Tribal 3-7	43-013-30828
✓Ute Tribal 3-8	43-013-31101
✓Ute Tribal 4	43-013-15321
✓Ute Tribal 4-10D	43-013-31226
✓Ute Tribal 4-17D	43-013-31201
✓Ute Tribal 4-18	43-013-31099
✓Ute Tribal 4-18D	43-013-30838
✓Ute Tribal 4-29	43-013-30851
✓Ute Tribal 4-4	43-013-30848
✓Ute Tribal 4-5	43-013-31306
✓Ute Tribal 4-8	43-013-31164
✓Ute Tribal 4-9	43-013-31165
✓Ute Tribal 5	43-013-15322
✓Ute Tribal 5-18	43-013-31180
✓Ute Tribal 5-29-E3	43-013-30939

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SEP 04 1992

DIVISION OF  
OIL GAS & MINING

<u>WELL NAME</u>	<u>API NO.</u>
✓Ute Tribal 5-8	43-013-31307
✓Ute Tribal 6	43-013-15323
✓Ute Tribal 6-10D	43-013-31236
✓Ute Tribal 6-16D	43-013-31204
✓Ute Tribal 6-29	43-013-31305
✓Ute Tribal 6-4	43-013-31100
✓Ute Tribal 7	43-013-15324
✓Ute Tribal 7-16D	43-013-31221
✓Ute Tribal 7-29	43-013-31339
✓Ute Tribal 8	43-013-30028
✓Ute Tribal 8-16D	43-013-31220
✓Ute Tribal 1-21D	43-013-31347
✓Ute Tribal 1-22D	43-013-31349

On this date, we are also notifying the BLM, BIA and the Ute Tribe of this change of operator.

Would you please forward this letter on to anyone else at the State office who might need to have this information. Let us know if we can be of further assistance or if you have any questions.

Very truly yours,



Doug S. Sprague  
Manager  
Engineering & Operations

DSS:kr

RECEIVED

SEP 04 1992

DIVISION OF  
OIL, GAS & MINING

EVERTSON OIL COMPANY, INC.  
P. O. BOX 397  
KIMBALL, NE 69145  
308/235-4871

RECEIVED

SEP 25 1992

DIVISION OF  
OIL GAS & MINING

September 21, 1992

Lisha Romero  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Dear Lisha:

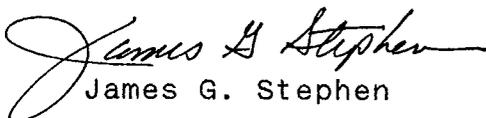
Enclosed please find a listing of wells purchased from Coors Energy Company. These are all the wells on which Evertson Oil Company, Inc. will be taking over operations effective September 1, 1992.

I assume that Coors Energy Company has submitted the change of operator forms as required.

I will be forwarding the bonding information required by the U.S. Department of Interior, Bureau of Indian Affairs, as soon as that information is available.

Should you have any questions or need additional information, please let me know.

Sincerely,

  
James G. Stephen

JGS/iks  
enc.

/9258

**EVERTSON OIL COMPANY, INC.**  
**SCHEDULE OF WELLS**

Well Number	Well Name	State	County	Township	Range	Section	Quadrant
1510103	Ute Tribal 1-3	Utah	Duchesne	5S	3W	3	SW/SW
1510104	Ute Tribal 1-4	Utah	Duchesne	5S	3W	4	NE/NE
1510105	Ute Tribal 1-5	Utah	Duchesne	5S	3W	5	NW/NE
1510106	Ute Tribal 1-6	Utah	Duchesne	5S	3W	6	SE/SE
1510107	Ute Tribal 1-7	Utah	Duchesne	5S	3W	7	SE/SW
1510108	Ute Tribal 1-8	Utah	Duchesne	5S	3W	8	NW/NW
1510110	Ute Tribal 1-10	Utah	Duchesne	5S	3W	10	NW/NW
1510115	Ute Tribal 1-15	Utah	Duchesne	5S	3W	15	NW/NW
1510116	Ute Tribal 1-16	Utah	Duchesne	5S	3W	16	SE/SE
1510117	Ute Tribal 1-17	Utah	Duchesne	5S	3W	17	NE/NE
1510118	Ute Tribal 1-18	Utah	Duchesne	5S	3W	18	NE/NE
1510119	Ute Tribal 1-19	Utah	Duchesne	5S	3W	19	SE/SE
1510120	Ute Tribal 1-20	Utah	Duchesne	5S	3W	20	NW/NE
1510121	Ute Tribal 1-21	Utah	Duchesne	5S	3W	21	SW/SW
1510128	Ute Tribal 1-28	Utah	Duchesne	5S	3W	28	SW/NW
1510129	Ute Tribal 1-29	Utah	Duchesne	5S	3W	29	NE/SE
1510130	Ute Tribal 1-30	Utah	Duchesne	5S	3W	30	SW/NE
1510132	Ute Tribal 1-32	Utah	Duchesne	5S	3W	32	SE/NE
1510133	Ute Tribal 1-33	Utah	Duchesne	5S	3W	33	NW/NW
1510203	Ute Tribal 2-3	Utah	Duchesne	5S	3W	3	SE/SW
1510204	Ute Tribal 2-4	Utah	Duchesne	5S	3W	4	SW/NE
1510205	Ute Tribal 2-5	Utah	Duchesne	5S	3W	5	SW/SW
1510207	Ute Tribal 2-7	Utah	Duchesne	5S	3W	7	NE/NE
1510208	Ute Tribal 2-8	Utah	Duchesne	5S	3W	8	SW/NW
1510209	Ute Tribal 2-9	Utah	Duchesne	5S	3W	9	NE/NE
1510210	Ute Tribal 2-10	Utah	Duchesne	5S	3W	10	SW/NW
1510216	Ute Tribal 2-16	Utah	Duchesne	5S	3W	16	SW/SW
1510218	Ute Tribal 2-18	Utah	Duchesne	5S	3W	18	SE/NE
1510220	Ute Tribal 2-20	Utah	Duchesne	5S	3W	20	SW/NE
1510229	Ute Tribal 2-29	Utah	Duchesne	5S	3W	29	SE/SE
1510231	Ute Tribal 2-31	Utah	Duchesne	5S	3W	31	NE/NW
1510304	Ute Tribal 3-4	Utah	Duchesne	5S	3W	4	NE/SW

**EVERTSON OIL COMPANY, INC.  
SCHEDULE OF WELLS**

Well Number	Well Name	State	County	Township	Range	Section	Quadrant
1510305	Ute Tribal 3-5-E3	Utah	Duchesne	5S	3W	5	NW/SE
1510307	Ute Tribal 3-7	Utah	Duchesne	5S	3W	7	SE/NE
1510308	Ute Tribal 3-8	Utah	Duchesne	5S	3W	8	NE/NW
1510320	Ute Tribal 3-20	Utah	Duchesne	5S	3W	20	SE/NW
1510329	Ute Tribal 3-29	Utah	Duchesne	5S	3W	29	SE/NW
1510404	Ute Tribal 4-4	Utah	Duchesne	5S	3W	4	SW/SW
1510405	Ute Tribal 4-5	Utah	Duchesne	5S	3W	5	SE/NE
1510408	Ute Tribal 4-8	Utah	Duchesne	5S	3W	8	NW/SW
1510409	Ute Tribal 4-9	Utah	Duchesne	5S	3W	9	SW/SE
1510418	Ute Tribal 4-18	Utah	Duchesne	4S	3W	18	NW/NE
1510429	Ute Tribal 4-29	Utah	Duchesne	5S	3W	29	NW/NW
1510508	Ute Tribal 5-8	Utah	Duchesne	5S	3W	8	SE/NW
1510518	Ute Tribal 5-18	Utah	Duchesne	5S	3W	18	NE/SE
1510529	Ute Tribal 5-29-E3	Utah	Duchesne	5S	3W	29	SW/NE
1510604	Ute Tribal 6-4	Utah	Duchesne	5S	3W	4	SE/SW
1510629	Ute Tribal 6-29	Utah	Duchesne	5S	3W	29	SE/NE
1510729	Ute Tribal 7-29	Utah	Duchesne	5S	3W	29	SE/NE
1520001	Ute Tribal 1	Utah	Duchesne	4S	4W	9	NW/SW
1520003	Ute Tribal 3	Utah	Duchesne	4S	4W	16	SW/NE
1520004	Ute Tribal 4	Utah	Duchesne	4S	4W	16	NE/SW
1520005	Ute Tribal 5	Utah	Duchesne	4S	4W	16	SW/NW
1520006	Ute Tribal 6	Utah	Duchesne	4S	4W	17	SW/NE
1520007	Ute Tribal 7	Utah	Duchesne	4S	4W	17	SW/NW
1520008	Ute Tribal 8	Utah	Duchesne	4S	4W	16	NW/NW
1520103	Ute Tribal 1-3D	Utah	Duchesne	4S	4W	3	SE/SE
1520107	Ute Tribal 1-7D	Utah	Duchesne	4S	4W	7	SE/SE
1520110	Ute Tribal 1-10D	Utah	Duchesne	4S	4W	10	SW/SE
1520115	Ute Tribal 1-15D	Utah	Duchesne	4S	4W	15	SW/NE
1520120	Ute Tribal 1-20D	Utah	Duchesne	4S	4W	20	SW/SW
1520121	Ute Tribal 1-21D	Utah	Duchesne	4S	4W	21	NE/NW
1520122	Ute Tribal 1-22D	Utah	Duchesne	4S	4W	22	NE/NW
1520124	Ute Tribal 1-24D	Utah	Duchesne	4S	5W	24	NW/NW
1520208	Ute Tribal 2-8D	Utah	Duchesne	4S	4W	8	NW/SE

EVERTSON OIL COMPANY, INC.  
SCHEDULE OF WELLS

Well Number	Well Name	State	County	Township	Range	Section	Quadrant
1520210	Ute Tribal 2-10D	Utah	Duchesne	4S	4W	10	SW/4
1520215	Ute Tribal 2-15D	Utah	Duchesne	4S	4W	15	NW/NW
1520218	Ute Tribal 2-18D	Utah	Duchesne	5S	3W	18	SE/NE
1520310	Ute Tribal 3-10D	Utah	Duchesne	4S	4W	10	SE/SW
1520410	Ute Tribal 4-10D	Utah	Duchesne	4S	4W	10	NE/SE
1520417	Ute Tribal 4-17D	Utah	Duchesne	4S	4W	17	NW/SE
1520418	Ute Tribal 4-18D	Utah	Duchesne	4S	4W	18	NW/NW
1520610	Ute Tribal 6-10D	Utah	Duchesne	4S	4W	10	SE/NE
1520616	Ute Tribal 6-16D	Utah	Duchesne	4S	4W	16	NE/NW
1520716	Ute Tribal 7-16D	Utah	Duchesne	4S	4W	16	SE/NE
1520816	Ute Tribal 8-16D	Utah	Duchesne	4S	4W	16	NE/SE
1521009	Coyote Ute Tr. 10-9	Utah	Duchesne	4S	4W	9	NW/SE

Routing:

1- LCR/CTE	✓
2- DTS/ST-LCR	✓
3- VLC	✓
4- RJF	✓
5- RWM	✓
6- ADA	✓

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-01-92)

TO (new operator)	<u>EVERTSON OIL COMPANY INC</u>	FROM (former operator)	<u>COORS ENERGY</u>
(address)	<u>PO BOX 397</u>	(address)	<u>PO BOX 467</u>
	<u>KIMBALL, NEBRASKA 69145</u>		<u>GOLDEN, COLORADO 80402-0467</u>
	<u>BRUCE F. EVERTSON, PRES.</u>		<u>DOUG SPRAGUE, MGR</u>
	phone ( <u>308</u> ) <u>235-4871</u>		phone ( <u>303</u> ) <u>278-7030</u>
	account no. <u>N 6350 (11-24-92)</u>		account no. <u>N 5090</u>

Well(s) (attach additional page if needed):

Name: <u>*SEE ATTACHMENT</u>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 9-4-92) (Reg. UIC Form 5)*
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Reg. 9-14-92) (Rec'd 9-25-92)*
- 3 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) no) \_\_\_\_ If yes, show company file number: # 163850. *Eff. 8-24-92*
- 4 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(11-25-92)*
- 6 6. Cardex file has been updated for each well listed above. *(12-3-92)*
- 7 7. Well file labels have been updated for each well listed above. *(11-25-92)*
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Y* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A* 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A* 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- Y* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: \_\_\_\_\_ 19\_\_\_\_.

FILING

- Y* 1. Copies of all attachments to this form have been filed in each well file.
- Y* 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

921125 *Btm/Vernal "Operator still Coors Energy - Waiting on BIA approval."*

921125 *Operator changed per admin.*

# PETROGLYPH GAS PARTNERS, L.P.

335 NORTH WASHINGTON • SUITE 140  
P.O. BOX 1807 • HUTCHINSON, KS 67504-1807  
(316) 665-8500 • FAX (316) 665-5961

VIA FACSIMILE (801) 359-3940

February 16, 1994

FEB 18 1994

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

Ms. Cordova:

This letter is to advise you that effective February 1, 1994 Evertson Oil Company, Inc. intends to sell and Petroglyph Gas Partners, L.P. intends to purchase oil and gas properties located in Duchesne County, Utah as identified below:

<u>Well Name</u>	<u>API No.</u>
State 2-6	43-013-30891
Ute Tribal 1	43-013-20045
Ute Tribal 1-10	43-013-30805
Ute Tribal 1-10D	43-013-31211
Ute Tribal 1-15	43-013-30880
Ute Tribal 1-15D	43-013-30712
Ute Tribal 1-16	43-013-30804
Ute Tribal 1-17	43-013-30790
Ute Tribal 1-18	43-013-30761
Ute Tribal 1-19	43-013-30803
Ute Tribal 1-20	43-013-30764
Ute Tribal 1-20D	43-013-31239
Ute Tribal 1-21	43-013-30883
Ute Tribal 1-24D	43-013-31234
Ute Tribal 1-28	43-013-30802
Ute Tribal 1-29	43-013-30763
Ute Tribal 1-3	43-013-30823
Ute Tribal 1-30	43-013-30852
Ute Tribal 1-32	43-013-30853
Ute Tribal 1-33	43-013-30806
Ute Tribal 1-3D	43-013-31242
Ute Tribal 1-4	43-013-30762
Ute Tribal 1-5	43-013-30785
Ute Tribal 1-6	43-013-30793
Ute Tribal 1-7	43-013-30788
Ute Tribal 1-7D	43-013-31198

Ute Tribal 1-8	43-013-30759
Ute Tribal 2-10	43-013-31187
Ute Tribal 2-10D	43-013-31219
Ute Tribal 2-15D	43-013-31200
Ute Tribal 2-16	43-013-31166
Ute Tribal 2-18	43-013-31166 <i>43-013-30881</i>
<del>Ute Tribal 2-18D</del>	<del>43-013-30881</del> <i>43-013-31212/Drl.</i>
Ute Tribal 2-20	43-013-30882
Ute Tribal 2-29	43-013-30849
Ute Tribal 2-3	43-013-31097
Ute Tribal 2-31	43-013- <del>30827</del> <i>31188</i>
Ute Tribal 2-4	43-013-30879 <i>(w/w?)</i>
Ute Tribal 2-5	43-013-30824
Ute Tribal 2-7	43-013-30825
Ute Tribal 2-8	43-013-30826
Ute Tribal 2-8D	43-013-31199
Ute Tribal 2-9	43-013-30789
Ute Tribal 3	43-013-15319
Ute Tribal 3-10D	43-013-31217 <i>(w/w?) Rec not comm.</i>
Ute Tribal 3-20	43-013-31175
Ute Tribal 3-29	43-013-30850
Ute Tribal 3-4	43-013-30878
Ute Tribal 3-5-E3	43-013-30938
Ute Tribal 3-7	43-013-30828
Ute Tribal 3-8	43-013-31101
Ute Tribal 4	43-013-15321 <i>(w/w?)</i>
Ute Tribal 4-10D	43-013-31226
Ute Tribal 4-17D	43-013-31201
Ute Tribal 4-18	43-013-31099
Ute Tribal 4-18D	43-013-30838
Ute Tribal 4-29	43-013-30851
Ute Tribal 4-4	43-013-30848
Ute Tribal 4-5	43-013-31306
Ute Tribal 4-8	43-013-31164
Ute Tribal 4-9	43-013-31165
Ute Tribal 5	43-013-15322
Ute Tribal 5-18	43-013-31180
Ute Tribal 5-29-E3	43-013-30939
Ute Tribal 5-8	43-013-31307
Ute Tribal 6	43-013-15323
Ute Tribal 6-10D	43-013-31236
Ute Tribal 6-16D	43-013-31204
Ute Tribal 6-29	43-013-31305
Ute Tribal 6-4	43-013-31100
Ute Tribal 7	43-013-15324
Ute Tribal 7-16D	43-013-31221

Page 3  
Change of Operator Notice  
Duchesne County, Utah  
February 16, 1994

Ute Tribal 7-29	43-013-31339 (DEI)
Ute Tribal 8	43-013-30028
Ute Tribal 8-16D	43-013-31220
Ute Tribal 1-21D	43-013-31347
Ute Tribal 1-22D	43-013-31349

*Petroglyph Operating Company, Inc.*, a wholly owned subsidiary of Petroglyph Gas Partners, L.P., will be the operator of these properties. At this time, we request a state assigned operator number.

We are also notifying the BLM, BIA and the Ute Tribe regarding this change of operator. Please forward this letter to anyone in the State office who may need to have this information. If you have any questions or need further assistance, please feel free to contact me at (316) 665-8500.

Sincerely,



Angela R. Bare  
Operations Administrator

ARB/ms

LAW OFFICES OF

***morris, laing, evans, brock & kennedy, chartered***

FOURTH FLOOR, 200 WEST DOUGLAS, WICHITA, KANSAS 67202-3084  
TELEPHONE (316) 262-2671 FAX (316) 262-6226/262-5991

RALPH R. BROCK  
JOSEPH W. KENNEDY  
ROBERT I. GUENTHNER  
DAVID C. ADAMS  
KEN M. PETERSON  
RICHARD D. GREENE  
A. J. SCHWARTZ, JR.  
DONALD E. SCHRAG  
WILLIAM B. SORENSEN, JR.  
DENNIS M. FEENEY

JEFFERY L. CARMICHAEL  
ROBERT W. COYKENDALL  
ROBERT K. ANDERSON  
SUSAN R. SCHRAG  
ROBERT E. NUGENT  
MICHAEL LENNEN  
KARL R. SWARTZ  
ROGER L. THEIS  
JANA DEINES ABBOTT  
RICHARD F. HAYSE\*

THOMAS R. DOCKING  
GERALD N. CAPPS  
DIANE S. WORTH  
TIM J. MOORE  
GARY E. PATTERSON  
BRUCE A. NEY  
JANET H. WARD

\*RESIDENT IN  
TOPEKA OFFICE

ROBERT B. MORTON  
EVA POWERS\*  
OF COUNSEL

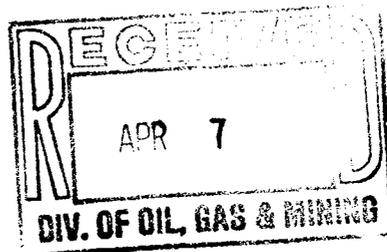
VERNE M. LAING  
RETIRED

LESTER L. MORRIS  
1901-1966

FERD E. EVANS, JR.  
1919-1991

April 5, 1994

Ms. Lisha Cordoba  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203



Re: Petroglyph Gas Partners, L. P.

Dear Ms Cordoba:

I have spoken with you on occasion in the past concerning Petroglyph Gas Partners, L. P.'s acquisition of a 50% interest in a number of oil and gas leases in Utah. Most of these leases are on the Uintah and Ouray, Ute Reservation near Duchesne. I am enclosing the following documents in regard to this acquisition:

1. Copy of Collective Bond No. B04528 in the principal amount of \$75,000 by Petroglyph Gas Partners, L. P. and Inland Resources Inc. as principal and Planet Indemnity Company as surety in favor of the Bureau of Indian Affairs;
2. Copy of Collective Bond No. B04556 in the principal amount of \$75,000 by Petroglyph Operating Company, Inc. as principal and Planet Indemnity Company as surety in favor of the Bureau of Indian Affairs;
3. Copy of Surety Performance Bond in the principal amount of \$45,000 by Petroglyph Operating Company, Inc. as Principal and Planet Indemnity Company as surety in favor of the U.S. Environmental Protection Agency;

TOPEKA OFFICE

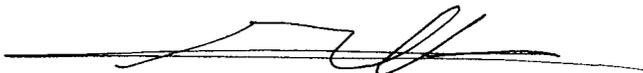
800 S.W. JACKSON SUITE 914 TOPEKA, KS 66612-2214 TEL. (913) 232-2662 FAX (913) 232-9983

Page 2  
April 5, 1994

4. Twenty-eight (28) Form 5 Designation of Agent or Operator executed by Inland Resources Inc. designating Petroglyph Operating Company as Operator of the wells described therein, in triplicate;
5. Twenty-eight (28) Form 5 Designation of Agent or Operator executed by Petroglyph Gas Partners, L.P. designating Petroglyph Operating Company as Operator of the wells described therein, in triplicate;
6. Seventy-five (75) Form 9 Sundry Notice executed by Evertson Oil Company showing the change in Operations from Evertson Oil Company to Petroglyph Operating Company;
7. Seventy-five (75) Form 9 Sundry Notice executed by Petroglyph Gas Partners, L. P. showing the change in Operations from Evertson Oil Company to Petroglyph Operating Company;
8. UIC Form 5 Transfer of Authority to Inject for the Ute Tribal 2-4 SWDW, in triplicate;
9. UIC Form 5 Transfer of Authority to Inject for the Ute Tribal 4 SWDW, in triplicate; and
10. UIC Form 5 Transfer of Authority to Inject for the Ute Tribal 3-10D SWDW, in triplicate.

I thank you for your continued assistance with this matter. Please do not hesitate to give me a call if I have overlooked or omitted anything.

Sincerely,

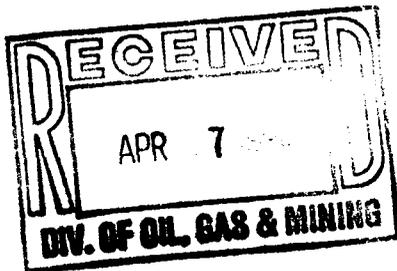


Roger L. Theis  
For the Firm

RLT:mk

Enclosures

cc: Robert A. Christensen



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS

BOND NO. B04528

## COLLECTIVE BOND

KNOW ALL MEN BY THESE PRESENTS, That we, PETROGLYPH GAS PARTNERS, L. P. AND INLAND RESOURCES INC.,  
OF: 335 North Washington, #170, Hutchinson, KS 67501, as principals  
and PLANET INDEMNITY COMPANY  
of 410 17th St., #1675, Denver, CO 80202, as surety, are held and firmly bound unto  
the United States of America in the sum of seventy-five thousand dollars (\$75,000),  
lawful money of the United States, for the payment of which, well and truly to be made,  
we bind ourselves and each of us, our and each of our heirs, successors, executors,  
administrators, and assigns, jointly and severally, firmly by these presents.

Sealed with our seals and dated this 16th day of March, 19 94.

The condition of this obligation is such that whereas the said principals, as lessee  
have heretofore or may hereafter enter into or otherwise acquire an interest in oil and  
gas mining leases on the Uintah and Ouray Reservation in the State of Utah, of various  
dates and periods of duration, covering lands or interests in lands held by the United  
States in trust for individual Indians, or bands or tribes of Indians, or subject to  
restrictions against alienation without the consent of the Secretary of the Interior, or  
his authorized representative, which leases and permits have been or may hereafter be  
granted or approved by the Secretary of the Interior, or his authorized representative,  
and the identification of which herein is expressly waived by both principals and  
surety hereto.

WHEREAS the principals and surety agree that the coverage of this bond shall extend  
to and include all extensions and renewals of the leases and permits covered by this  
bond, such coverage to continue without any interruption due to the expiration of the  
term set forth therein.

WHEREAS the surety hereby waives any right to notice of any modification of any  
such lease or permit, or obligation thereunder whether effected by extension of time  
for performance, by commitment of such lease to unit, cooperative, or communitization  
agreement, by waiver, suspension, or change in rental, except an increase thereof, by  
minimum royalty payment, except an increase thereof, by compensatory royalty payment,  
or otherwise, this bond to remain in full force and effect notwithstanding.

WHEREAS the principals and surety agree that the neglect or forbearance of any  
obligee under this bond in enforcing the payment of any rental or royalty or the  
performance of any other covenant, condition, or agreement of any such lease or permit  
shall not in any way release the principals and surety, or either of them, from  
any liability under this bond; and

WHEREAS the principals and surety agree that in the event of any default under  
any such lease or permit, the obligee may prosecute any claim, suit, action, or other  
proceeding against the principals and surety, or either of them, without the  
necessity of joining the other.

Now, if the said principal, herein shall faithfully carry out and observe all the obligations assumed in such leases and permits to which Petroglyph Gas Partners, L. P. and Inland Resources Inc. is now or may hereafter become a party, and shall observe all the laws of the United States and regulations made, or which shall be made thereunder, for the government of trade and intercourse with Indian tribes, and all rules and regulations that have been or shall hereafter be lawfully prescribed by the Secretary of the Interior relative to such mining leases and permits, and shall in all particulars comply with the provisions of such leases, permits, rules, and regulations, then this obligation shall be null and void; otherwise, to remain in full force and effect.

The rate of premium charged on this bond is \$ \_\_\_\_\_; the total premium paid is \_\_\_\_\_

Signed and sealed in the presence of

WITNESSES:\*

By: Dorinda L. Thode )

P. O. \_\_\_\_\_ )

By: [Signature] )

P. O. \_\_\_\_\_ )

By: Nancy Gray )

8 Greenway Plaza Suite 400 )  
P. O. Houston, TX 77046 )

By: Sue Haas )

8 Greenway Plaza, Suite 400 )  
P. O. Houston, TX 77046 )

[Signature] )

475 17th Street, Suite 1500 )  
P. O. Denver, CO 80202 )

Janet K. Spicht )

475 17th Street, Suite 1500 )  
P. O. Denver, CO 80202 )

\* Two witnesses to all signatures

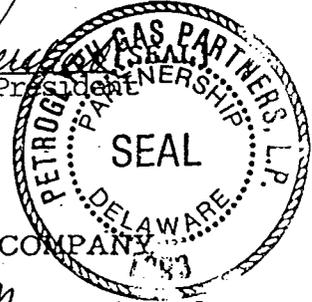
APPROVED:

PETROGLYPH GAS PARTNERS, L. P.

BY: [Signature] )  
PETROGLYPH ENERGY, INC., )  
General Partner )

as to

[Signature] )  
ROBERT C. MURDOCK, President )



PLANET INDEMNITY COMPANY

as to

Mildred L. Massey (SEAL)

Mildred L. Massey, Attorney-in-Fact  
410 17th Street, Suite 1675  
Denver, CO 80202

INLAND RESOURCES, INC.

as to

[Signature] (SEAL)

KYLE B. MILLER, President

DEPARTMENT OF THE INTERIOR  
Bureau of Indian Affairs

19

Superintendent

GENERAL POWER OF ATTORNEY

CERTIFIED COPY

KNOW ALL MEN BY THESE PRESENTS: That PLANET INDEMNITY COMPANY, a corporation organized and existing under the laws of the State of Colorado, and having its principal office in the City of Denver, Colorado does hereby constitute and appoint:

MILDRED L. MASSEY

its true and lawful attorney-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, in an amount not to exceed:

\*\*\*\*\*SEVENTY-FIVE THOUSAND AND NO/100 DOLLARS\*\*\*\*\*

and the execution of all such instrument(s) in pursuance of these presents, shall be binding upon said PLANET INDEMNITY COMPANY as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal office.

This Power of Attorney is executed, and may be certified to and may be revoked, pursuant to and by authority of Article V, Section 6(C) of the By-Laws adopted by the Board of Directors of PLANET INDEMNITY COMPANY, at a meeting called and held on this third day of March, 1987, of which the following is a true transcript of said Section 6(C):

- "The President or any Vice President, Assistant Vice President, Secretary or Resident Secretary shall have power and authority (1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and (2) to appoint special Attorneys-in-fact, who are hereby authorized to certify to copies of any power-of-attorney issued in pursuance of this section and/or any of the By-laws of the Company, and (3) to remove, at any time, any such Attorney-in-fact or Special Attorney-in-fact and revoke the authority given to him."

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of said Company adopted at a meeting duly called and held on the third day of March, 1987, of which the following is a true excerpt:

"Now therefore the signatures of such officers and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN TESTIMONY WHEREOF, PLANET INDEMNITY COMPANY has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, E. H. Frank, III, on this the twenty eighth day of August, 1991.



*E.H. Frank III*

President

E.H. Frank, III

STATE OF COLORADO  
COUNTY OF DENVER

On this 28th Day of August, 1991, before me came the individual who executed the preceding instrument, to me personally known, and, being duly sworn, said that he is the therein described and authorized officer of PLANET INDEMNITY COMPANY; that the seal affixed to said instrument is the Corporate Seal of said Company; that the said Corporate Seal and his signature were duly affixed by order of the Board of Directors of said Company.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal, at the city of Denver, Colorado, the day and year first above written.



*Nicole J. Brenholz*

Notary Public, Denver County, Colorado

CERTIFICATION

I, the undersigned officer of PLANET INDEMNITY COMPANY, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the By-Laws of said Company as set forth in said Power of Attorney, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16th day of March, 1994



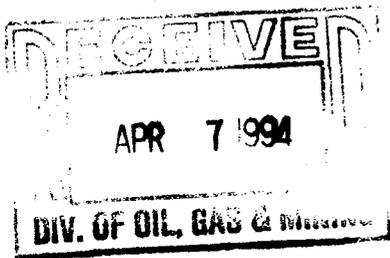
*Greg E. Chilson*

Assistant Secretary

Greg E. Chilson

Only a certified copy of Power of Attorney bearing the Certificate of Authority No. printed in red on the upper right corner is binding. Photocopies, carbon copies or other reproductions of this document are invalid and not binding upon the Company.

ANY INSTRUMENT ISSUED IN EXCESS OF THE PENALTY AMOUNT STATED ABOVE IS TOTALLY VOID AND WITHOUT VALIDITY.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS

BOND NO. B04556

COLLECTIVE BOND

KNOW ALL MEN BY THESE PRESENTS, That we, PETROGLYPH OPERATING COMPANY, INC.  
OF: 335 North Washington, Suite 170, Hutchinson, KS 67501, as principal  
and PLANET INDEMNITY COMPANY  
of 410 17th Stree, #1675, Denver, CO 80202, as surety, are held and firmly bound unto  
the United States of America in the sum of seventy-five thousand dollars (\$75,000),  
lawful money of the United States, for the payment of which, well and truly to be made,  
we bind ourselves and each of us, our and each of our heirs, successors, executors,  
administrators, and assigns, jointly and severally, firmly by these presents.

Sealed with our seals and dated this 16th day of March, 19 94.

The condition of this obligation is such that whereas the said principal, as lessee  
has heretofore or may hereafter enter into or otherwise acquire an interest in oil and  
gas mining leases on the Uintah and Ouray Reservation in the State of Utah, of various  
dates and periods of duration, covering lands or interests in lands held by the United  
States in trust for individual Indians, or bands or tribes of Indians, or subject to  
restrictions against alienation without the consent of the Secretary of the Interior, or  
his authorized representative, which leases and permits have been or may hereafter be  
granted or approved by the Secretary of the Interior, or his authorized representative,  
and the identification of which herein is expressly waived by both principal and  
surety hereto.

WHEREAS the principal and surety agree that the coverage of this bond shall extend  
to and include all extensions and renewals of the leases and permits covered by this  
bond, such coverage to continue without any interruption due to the expiration of the  
term set forth therein.

WHEREAS the surety hereby waives any right to notice of any modification of any  
such lease or permit, or obligation thereunder whether effected by extension of time  
for performance, by commitment of such lease to unit, cooperative, or communitization  
agreement, by waiver, suspension, or change in rental, except an increase thereof, by  
minimum royalty payment, except an increase thereof, by compensatory royalty payment,  
or otherwise, this bond to remain in full force and effect notwithstanding.

WHEREAS the principal and surety agree that the neglect or forbearance of any  
obligee under this bond in enforcing the payment of any rental or royalty or the  
performance of any other covenant, condition, or agreement of any such lease or permit  
shall not in any way release the principal and surety, or either of them, from  
any liability under this bond; and

WHEREAS the principal and surety agree that in the event of any default under  
any such lease or permit, the obligee may prosecute any claim, suit, action, or other  
proceeding against the principal and surety, or either of them, without the  
necessity of joining the other.

Now, if the said principal, herein shall faithfully carry out and observe all the obligations assumed in such leases and permits to which Petroglyph Gas Partners, L. P. and Inland Resources Inc. is now or may hereafter become a party, and shall observe all the laws of the United States and regulations made, or which shall be made thereunder, for the government of trade and intercourse with Indian tribes, and all rules and regulations that have been or shall hereafter be lawfully prescribed by the Secretary of the Interior relative to such mining leases and permits, and shall in all particulars comply with the provisions of such leases, permits, rules, and regulations, then this obligation shall be null and void; otherwise, to remain in full force and effect.

The rate of premium charged on this bond is \$ \_\_\_\_\_; the total premium paid is \_\_\_\_\_

Signed and sealed in the presence of

WITNESSES:\*

By: *Donna L. Thode* )

P. O. \_\_\_\_\_ )

By: *[Signature]* )

P. O. \_\_\_\_\_ )

By: *Nancy Gray* )

8 Greenway Plaza, Suite 400  
Houston, TX 77046

P. O. \_\_\_\_\_ )

By: *Sue Hoas* )

8 Greenway Plaza, Suite 400  
Houston, TX 77046

P. O. \_\_\_\_\_ )

By: *[Signature]* )

475 17th Street, Suite 1500  
Denver, CO 80202

P. O. \_\_\_\_\_ )

By: *Janet K. Spicht* )

475 17th Street, Suite 1500  
Denver, CO 80202

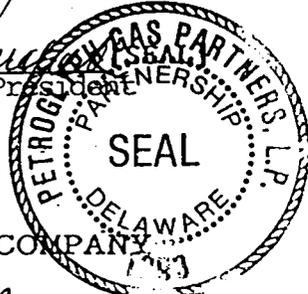
P. O. \_\_\_\_\_ )

\* Two witnesses to all signatures

PETROGLYPH GAS PARTNERS, L. P.

BY: *[Signature]* General Partner

as to *[Signature]* [SEAL]  
ROBERT C. MURDOCK, President



PLANET INDEMNITY COMPANY

as to *Mildred L. Massey* [SEAL]  
Mildred L. Massey, Attorney-in-Fact  
410 17th Street, Suite 1675  
Denver, CO 80202

INLAND RESOURCES, INC.

as to *[Signature]* [SEAL]  
KYLE B. MILLER, President

APPROVED:

DEPARTMENT OF THE INTERIOR  
Bureau of Indian Affairs

\_\_\_\_\_, 19\_\_\_\_

Superintendent

GENERAL POWER OF ATTORNEY

CERTIFIED COPY

KNOW ALL MEN BY THESE PRESENTS: That PLANET INDEMNITY COMPANY, a corporation organized and existing under the laws of the State of Colorado, and having its principal office in the City of Denver, Colorado does hereby constitute and appoint:

ROY C. DIE

its true and lawful attorney-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, in an amount not to exceed:

\*\*\*\*\*FIFTY THOUSAND AND NO/100 DOLLARS\*\*\*\*\*

and the execution of all such instrument(s) in pursuance of these presents, shall be binding upon said PLANET INDEMNITY COMPANY as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal office.

This Power of Attorney is executed, and may be certified to and may be revoked, pursuant to and by authority of Article V, Section 6(C) of the By-Laws adopted by the Board of Directors of PLANET INDEMNITY COMPANY, at a meeting called and held on this third day of March, 1987, of which the following is a true transcript of said Section 6(C):

- "The President or any Vice President, Assistant Vice President, Secretary or Resident Secretary shall have power and authority (1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and (2) to appoint special Attorneys-in-fact, who are hereby authorized to certify to copies of any power-of-attorney issued in pursuance of this section and/or any of the By-laws of the Company, and (3) to remove, at any time, any such Attorney-in-fact or Special Attorney-in-fact and revoke the authority given to him."

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of said Company adopted at a meeting duly called and held on the third day of March, 1987, of which the following is a true excerpt:

"Now therefore the signatures of such officers and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN TESTIMONY WHEREOF, PLANET INDEMNITY COMPANY has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, E. H. Frank, III, on this the twenty eighth day of August, 1991.



[Signature] President E.H. Frank, III

STATE OF COLORADO COUNTY OF DENVER

On this 28th Day of August, 1991, before me came the individual who executed the preceding instrument, to me personally known, and, being duly sworn, said that he is the therein described and authorized officer of PLANET INDEMNITY COMPANY; that the seal affixed to said instrument is the Corporate Seal of said Company; that the said Corporate Seal and his signature were duly affixed by order of the Board of Directors of said Company.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal, at the city of Denver, Colorado, the day and year first above written.



[Signature] Notary Public, Denver County, Colorado

CERTIFICATION

I, the undersigned officer of PLANET INDEMNITY COMPANY, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the By-Laws of said Company as set forth in said Power of Attorney, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23rd day of February, 1994



[Signature] Assistant Secretary Greg E. Chilson

Only a certified copy of Power of Attorney bearing the Certificate of Authority No. printed in red on the upper right corner is binding. Photocopies, carbon copies or other reproductions of this document are invalid and not binding upon the Company.

ANY INSTRUMENT ISSUED IN EXCESS OF THE PENALTY AMOUNT STATED ABOVE IS TOTALLY VOID AND WITHOUT VALIDITY.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:  
14-20-H62-3513

6. If Indian, Alutian or Tribe Name:  
UTE TRIBAL

7. Unit Agreement Name:  
N/A

1. Type of Well: OIL  GAS  OTHER:

8. Well Name and Number:  
Ute Tribal 4-18

2. Name of Operator: PETROGLYPH OPERATING COMPANY, INC.

9. API Well Number:  
43-013-31099

3. Address and Telephone Number:  
P. O. BOX 1807, Hutchinson, KS 67504-1807 8500

10. Field and Pool, or Wildcat:  
Antelope Creek Field  
Green River Pool

4. Location of Well

Footage: 812' FNL & 1768' FEL  
CO. Sec., T., R., M.: NWNE 18-T5S-R3W, U.S.M.

County: DUCHESNE  
State: UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other CHANGE OF OPERATOR
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date of change ~~work~~ 3-1-94

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

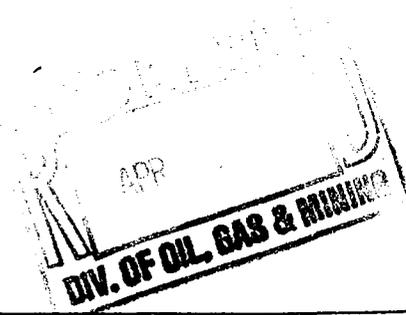
Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LDG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

change of operator from Evertson Oil Company, Inc. to Petroglyph Operating Company, Inc. effective 3-1-94



13. PETROGLYPH OPERATING COMPANY, INC.

Name & Signature: *R. A. Christensen*  
R. A. CHRISTENSEN

Title: President

Date: 2-25-94

(This space for State use only)

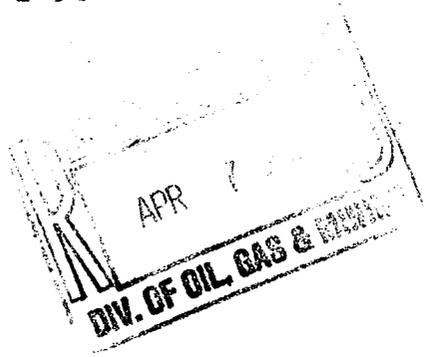
STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. Lease Designation and Serial Number: 14-20-H62-3513
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Indian, Alaska or Tribe Name: UTE TRIBAL
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:		7. Unit Agreement Name: N/A
2. Name of Operator: EVERTSON OIL COMPANY, INC.		8. Well Name and Number: Ute Tribal 4-18
3. Address and Telephone Number: P.O.Box 397, Kimball, NE 69145 308-235-4871		9. API Well Number: 43-013-31099
4. Location of Well Footage: 812'FNL & 1768'FEL CO. Sec., T., R., M.: NWNE 18-T5S-R3W, U.S.M.		10. Field and Pool, or Wildcat: Antelope Creek Field Green River Pool County: DUCHESNE State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p style="text-align: center;"><b>NOTICE OF INTENT</b> (Submit in Duplicate)</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u></td> </tr> </table> <p>Approximate date of change <u>3-1-94</u></p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u>		<p style="text-align: center;"><b>SUBSEQUENT REPORT</b> (Submit Original Form Only)</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other _____</td> </tr> </table> <p>Date of work completion _____</p> <p style="font-size: x-small;">Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

change of operator from Evertson Oil Copmany, Inc. to Petroglyph Operating Company, Inc. effective 3-1-94



13. EVERTSON OIL COMPANY, INC.

Name & Signature: [Signature] Title: V. President Date: 2-25-94

Bruce F. Evertson

(This space for State use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

DESIGNATION OF AGENT OR OPERATOR

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: UTE TRIBAL

LEASE NUMBER: 14-20-H62-3513

and hereby designates

NAME: PETROGLYPH OPERATING COMPANY, INC.

ADDRESS: P.O.Box 1807, Hutchinson, KS 67504-1807

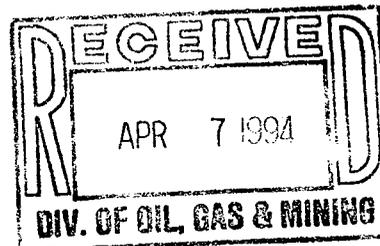
as his agent /operator , with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

Describe acreage to which this designation is applicable, and identify each applicable oil and gas well by name and API number. Attach additional pages as needed.

T5S-R3W, U.S.M. ALL SECTION 18

UTE 1-18, 43-013,30761; UTE 2-18, 43-013-30881; UTE 4-18, 43-013-31099; UTE 5-18, 43-013-31180

Duchesne County, Utah



It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation: 3-1-94

BY: (Name) ROBERT C. MURDOCK

(Signature) *Robert C. Murdock*

(Title) PRESIDENT OF PETROGLYPH ENERGY, INC.

(Phone) 316-665-8500

OF: (Company) PETROGLYPH GAS PARTNERS, L.P.  
BY PETROGLYPH ENERGY, INC.,

(Address) GENERAL PARTNER  
P. O. BOX 1807

Hutchinson, KS 67504-1807

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

DESIGNATION OF AGENT OR OPERATOR

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: UTE TRIBAL

LEASE NUMBER: 14-20-H62-3513

and hereby designates

NAME: PETROGLYPH OPERATING COMPANY, INC.

ADDRESS: P. O. BOX 1807, Hutchinson, KS 67504-1807

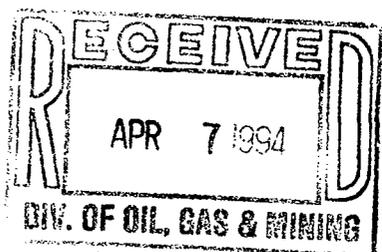
as his agent  operator  with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

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UTE 1-18, 43-013,30761; UTE 2-18, 43-013-30881; UTE 4-18, 43-013-31099; UTE 5-18, 43-013-31180

Duchesne County, Utah



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The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation: 3-1-94

BY: (Name) KYLE R. MILLER  
(Signature) *[Handwritten Signature]*  
(Title) President  
(Phone) 303-292-0900

OF: (Company) INLAND RESOURCES INC.  
(Address) 475 Seventeenth St., Suite 1500  
Denver, CO 80202

LAW OFFICES OF

*morris, laing, evans, brock & kennedy, chartered*

FOURTH FLOOR, 200 WEST DOUGLAS, WICHITA, KANSAS 67202-3084  
TELEPHONE (316) 262-2671 FAX: (316) 262-6226/262-5991

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GARY E. PATTERSON  
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\*RESIDENT IN  
TOPEKA OFFICE

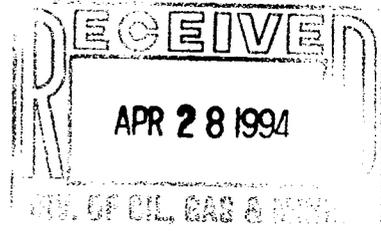
ROBERT B. MORTON  
EVA POWERS\*  
OF COUNSEL

VERNE M. LAING  
RETIRED

LESTER L. MORRIS  
1901-1966  
FERD E. EVANS, JR.  
1919-1991

April 25, 1994

Ms. Lisha Cordoba  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203



Re: Petroglyph Gas Partners, L. P.

Dear Ms Cordoba:

Enclosed in triplicate per our recent conversations are Sundry Notices pertaining to the Ute Tribal 1-29, 2-5, 5-29E3, and #8 wells which were inadvertently initially overlooked in this transaction as follows:

1. Form 9 Sundry Notice executed by Evertson Oil Company showing the change in Operations from Evertson Oil Company to Petroglyph Operating Company;
2. Form 9 Sundry Notice executed by Petroglyph Gas Partners, L. P. showing the change in Operations from Evertson Oil Company to Petroglyph Operating Company;

I thank you for your continued assistance with this matter. Please do not hesitate to give me a call if you need anything further.

Sincerely,

A handwritten signature in black ink, appearing to read "Roger L. Theis". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Roger L. Theis  
For the Firm

RLT:mk

Enclosures

cc: Robert A. Christensen

TOPEKA OFFICE

800 S.W. JACKSON SUITE 914 TOPEKA, KS 66612-2214 TEL. (913) 232-2662 FAX (913) 232-9983



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

IN REPLY REFER TO:  
**3162.3**  
(UT08438)

JUN 3 0 1994

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

Re: See attached list for the  
well numbers and lease  
numbers  
Duchesne County, Utah

Gentlemen:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced wells. After a review by this office, the change in operator request is approved. Effective immediately, Petroglyph Operating Company, Inc., is responsible for all operations performed on the referenced wells. All liability will now fall under your bond, a \$75,000 BIA Collective Bond, for all operations conducted on the referenced wells on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II  
Assistant District Manager for Minerals

cc: Evertson Oil Company  
BIA

etraglyph - Assignments, and Change of Operator

Township 5 South, Range 3 West, USM

<u>Lease No.</u>	<u>Section No.</u>	<u>Well Name</u>	<u>Location</u>
4-20-H62-3502	3	✓ Ute Tribal 1-3 ✓ Ute Tribal 2-3	SWSW SESW
4-20-H62-3503	4	✓ Ute Tribal 1-4 ✓ Ute Tribal 2-4 SWD ✓ Ute Tribal 3-4 ✓ Ute Tribal 4-4 ✓ Ute Tribal 6-4	NENE SWNE NESW SWSW SESW
4-20-H62-3504	5	✓ Ute Tribal 1-5 ✓ Ute Tribal 2-5 ✓ Ute Tribal 3-5 E3 ✓ Ute Tribal 4-5	SWNE SWSW NWSE SENE
4-20-H62-3505	6	✓ Ute Tribal 1-6* ✓ Ute Tribal 3-6	SESE SENE
4-20-H62-3506	7	✓ Ute Tribal 1-7* ✓ Ute Tribal 2-7 ✓ Ute Tribal 3-7	SESW NENE SENE
14-20-H62-3507	8	✓ Ute Tribal 1-8 ✓ Ute Tribal 2-8 ✓ Ute Tribal 3-8 ✓ Ute Tribal 4-8 ✓ Ute Tribal 5-8	NWNW SWNW NENW NWSW SENW
14-20-H62-3508	9	✓ Ute Tribal 2-9 ✓ Ute Tribal 4-9	NENE SWSE
14-20-H62-3509	10	✓ Ute Tribal 1-10 ✓ Ute Tribal 2-10	NWNW NENW

Township 5 South, Range 3 West, USM

<u>Lease No.</u>	<u>Section No.</u>	<u>Well Name</u>	<u>Location</u>
14-20-H62-3510	15	✓ Ute Tribal 1-15	NWNW
14-20-H62-3511	16	✓ Ute Tribal 1-16* ✓ Ute Tribal 2-16	SESE SWSW
14-20-H62-4633	17	✓ Ute Tribal 1-17*	NENE
14-20-H62-3513	18	✓ Ute Tribal 1-18 ✓ Ute Tribal 2-18 ✓ Ute Tribal 4-18 ✓ Ute Tribal 5-18	NENE SENE NWNW NESE
14-20-H62-3514	19	✓ Ute Tribal 1-19	SESE
14-20-H62-3515	20	✓ Ute Tribal 1-20 ✓ Ute Tribal 2-20 ✓ Ute Tribal 3-20*	NWNE SWNE SENE
14-20-H62-3516	21	✓ Ute Tribal 1-21	SWSW
14-20-H62-3517	28	✓ Ute Tribal 1-28	SWNW
14-20-H62-3518	29	✓ Ute Tribal 1-29 ✓ Ute Tribal 2-29 ✓ Ute Tribal 3-29 ✓ Ute Tribal 4-29 ✓ Ute Tribal 5-29E3 ✓ Ute Tribal <del>7-29</del> 6-29 ✓ Ute Tribal 7-29	NESE SESE SENE NWNW SWNE SENE NESE
14-20-H62-3519	30	✓ Ute Tribal 1-30	SWNE
14-20-H62-3520	31	✓ Ute Tribal 1-31* ✓ Ute Tribal 2-31	NWNE NENW
14-20-H62-3521	32	✓ Ute Tribal 1-32	SENE
14-20-H62-3522	33	✓ Ute Tribal 1-33	NENW

(\*) = Lease No. incorrect on Sundry Notice submitted

Township 4 South, Range 4 West, USM

<u>Lease No.</u>	<u>Section No.</u>	<u>Well Name</u>	<u>Location</u>
14-20-H62-4446	3	✓Ute Tribal 1-3D	SESE
14-20-H62-4453	22	✓Ute Tribal 1-22D	NENW
14-20-H62-4454	10	✓Ute Tribal 6-10D	SENE
14-20-H62-4455	21	✓Ute Tribal 1-21D	NENW
14-20-H62-4465	20	✓Ute Tribal 1-20D	NWNE
14-20-H62-4466	24	✓Ute Tribal 1-24D	NWNW

Township 4 South, Range 4 West, USM

<u>Lease No.</u>	<u>Section No.</u>	<u>Well Name</u>	<u>Location</u>
H109-IND-5351	7	✓Ute Tribal 1-7D	SESE
	8	✓Ute Tribal 2-8D	NWSE
	9	✓Ute Tribal #1	NWSW
	10	✓Ute Tribal 1-10D	SWSE
	10	✓Ute Tribal 2-10D	SWSW
	10	✓Ute Tribal 3-10D	SESW
	10	✓Ute Tribal 4-10D	NESE
	15	✓Ute Tribal 1-15D	SWSW
	15	✓Ute Tribal 2-15D	NWNW
	16	✓Ute Tribal #3	SENE
	16	✓Ute Tribal #5	SWNW
	16	✓Ute Tribal 6-16D	NENW
	16	✓Ute Tribal 7-16D	SENE
	16	✓Ute Tribal #8	NWNW
	16	✓Ute Tribal 8-16D	NESE
	16	✓Ute Tribal 14-16D	NENW
	17	✓Ute Tribal #6	SWNE
	17	✓Ute Tribal #7	SWNW
17	✓Ute Tribal 4-17D	NWSE	
18	✓Ute Tribal 2-18D	NESE	
18	✓Ute Tribal 4-18D	NWNW	

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

1- LEC / GIL
2- LWP 7-PL
3- DTB/S-SJ
4- VLC 9-FILE
5- RJF
6- LWP

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator               Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 2-1-94)

TO (new operator)	<u>PETROGLYPH OPERATING CO.</u>	FROM (former operator)	<u>EVERTSON OIL COMPANY INC</u>
(address)	<u>PO BOX 1839</u>	(address)	<u>PO BOX 397</u>
	<u>HUTCHINSON, KS 67504-1839</u>		<u>KIMBALL, NE 69145</u>
	<u>ANGELA BARE</u>		
phone ( <u>316</u> )	<u>665-8500</u>	phone ( <u>308</u> )	<u>235-4871</u>
account no. <u>13800</u>		account no. <u>N6350</u>	

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>013-31099</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 2-24-94) (Rec'd 4-7-94)
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 2-18-94) (Rec'd 4-7-94)
- Sec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: #C0130242. (L.H. 2-18-94)
- Sec 4. (**For Indian and Federal Wells ONLY**) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (7-8-94)
- Sup 6. Cardex file has been updated for each well listed above. 7-11-94
- Sup 7. Well file labels have been updated for each well listed above. 7-11-94
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (7-6-94)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- Y* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

**BOND VERIFICATION (Fee wells only)**

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Y* 2. A copy of this form has been placed in the new and former operators' bond files.
- Y* 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 7/21/94 1994. If yes, division response was made by letter dated 7/21/94 1994.

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any **fee lease well** listed above has been notified by letter dated 7/21/94 1994, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving **State Leases**.

**FILMING**

1. All attachments to this form have been microfilmed. Date: July 29 1994.

**FILING**

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

**COMMENTS**

940706 Btra/Wernal Apr. 6-30-94.  
\*(1 st. lease well handled separately)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION VIII  
999 18th STREET - SUITE 500  
DENVER, COLORADO 80202-2466

JUL 18 1994

## UNDERGROUND INJECTION CONTROL PROGRAM

Final Area Permit

Class II Enhanced Recovery Unit

EPA Area Permit No. UT2736-00000

Field Name: Antelope Creek

Unit Name: Antelope Creek Waterflood

County & State: Duchesne County, Utah

issued to:

Petroglyph Operating Company, Inc.

6209 North Highway 61

Hutchinson, Kansas 67502



Printed on Recycled Paper

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## PART I. AUTHORIZATION TO CONVERT/OR CONSTRUCT AND INJECT

Pursuant to the Underground Injection Control Regulations of the U. S. Environmental Protection Agency (EPA) codified at Title 40 of the Code of Federal Regulations, Parts 124, 144, 146, and 147,

Petroglyph Operating Company, Inc.  
6209 North Highway 61  
Hutchinson, Kansas 67502

is hereby authorized, under this area permit, to convert four (4) existing oil production wells to Class II enhanced recovery injection wells located within the Antelope Creek Field, Duchesne County, Utah. Each of these proposed wells are located within the permitted area which is defined as follows:

Township 5 South, Range 3 West, Duchesne County, Utah

Sections 2, 3, 4, 5, 6 (SE/4 of SE/4), 7, 8, 9, 10, 15, 16, 17, 18, 19, 20, 21, 28, 29, 30, 31, 32, and 33.

The Area of Review (AOR) is defined as that area subtended by a line drawn one-quarter (1/4) mile beyond and around the boundaries described above. All of The Sections in T5S-R3W listed above are within the boundaries of the Uintah-Ouray Indian Reservation.

Injection will be for the purpose of enhanced recovery of oil so that Petroglyph Operating Company, Inc. may economically produce oil from the Antelope Creek Field, in accordance with conditions set forth herein, and initially utilizing the following currently existing production wells located in T5S-R3W:

<u>WELL NAME</u>	<u>LOCATION</u>	<u>EPA PERMIT NO.</u>
Ute Tribal #1-8	NW/4 of NW/4 Section 8	UT2736-04201
Ute Tribal #5-8	SE/4 of NW/4 Section 8	UT2736-04203
Ute Tribal #4-18	NW/4 of NE/4 Section 18	UT2736-04202
Ute Tribal #5-18	NE/4 of SE/4 Section 18	UT2736-04204

Injection activities shall not commence until the operator has fulfilled all applicable conditions of this permit and has received written authorization from the Director. "Prior to Commencing Injection" requirements are set forth in Part II, Section C. 1. & 2. of this permit.

All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect on the date that this permit becomes effective.

This permit consists of a total of 46 pages and includes all items listed in the Table of Contents. Further, it is based upon representations made by the permittee and on other information contained in the administrative record. **It is the responsibility of the permittee to read and understand all provisions of this permit.**

This area permit and the authorization to inject are issued for the operating lives of the wells, unless terminated (Part III, Section B); **authorization to inject shall automatically expire due to prolonged postponement of conversion [Part II, Section A. 1. (b)].** The area permit will be reviewed by EPA at least every five (5) years to determine whether action under 40 CFR §144.36(a) is warranted.

The Northern Ute Indian Tribe of the Uintah-Ouray Reservation may apply for primary enforcement responsibility of the UIC program, thereby assuming primary responsibility for regulating this permittee. Notwithstanding approval of the Tribal UIC primacy application, EPA retains responsibility for directly administering and enforcing this federal permit, unless otherwise specifically addressed in the EPA/Tribe MOA (40 CFR §145.25). If EPA determines that the Tribe has issued an equivalent permit under an EPA approved UIC program, EPA and the permittee may agree to terminate this federal permit.

Issued this 12th day of July, 1994.

This permit shall become effective July 12, 1994.



\* Max H. Dodson  
Director  
Water Management Division

NOTE: The person holding this title is referred to as the "Director" throughout this permit.

## PART II. SPECIFIC PERMIT CONDITIONS

### A. WELL CONVERSION/CONSTRUCTION REQUIREMENTS

#### 1. Casing and Cementing.

- (a) The proposed conversion details submitted with the application are hereby incorporated into this permit as Appendix A, which graphically displays the present casing and cementing details. These plans have been reviewed by the EPA and are consistent with underground injection control (UIC) requirements and shall be binding on the permittee.
- (b) Postponement of conversion. If at least one of the wells under consideration is not converted to injection status within one (1) year from the effective date of this permit, the permit shall automatically expire. The permittee may request an extension for the conversion of the first well. This request shall be in writing to the Director, and shall state the reasons for the delay in conversion, and confirm the protection of all underground sources of drinking water (USDWs). The extension under this section may not exceed one (1) year.

Financial responsibility shall be maintained during the period of inactivity in accordance with Part II, Section F. Once a permit expires under this part, the full permitting process, including opportunity for public comment, must be repeated before authorization to inject will be reissued.

#### 2. Requirements for Additional Wells. The permittee may convert and/or construct and operate additional wells within the permitted area, provided that all additional wells meet all conditions as set forth in the permit. All sections of this permit apply to any additional well(s) approved for injection.

##### (a) Casing and Cementing.

- (i) For any newly drilled injection well(s) constructed under this provision, the long string and surface casing shall be secured to the wellbore, with cement, through any subsurface intervals associated with USDWs.

- (ii) For any converted well(s), the long string and surface casing shall be secured to the wellbore in a manner similar to construction standards required of the proposed injection well(s) listed in this permit.
- (b) Conversion/Construction Notification Requirement. The permittee shall give the Director thirty (30) days notice before proceeding with any activity with an additional well(s). Also the permittee shall submit a plan consisting of a well schematic and construction details, or modifications, for any such proposed enhanced recovery injection well(s). The plan must first be approved by the Director, and the permittee shall not begin implementation of the plan until after receiving written authorization from the Director.
- (c) Formation Logging and Testing. All required testing and logging has been performed in accordance with Part II, Section 6. (a) & (b). For wells being converted (from production to injection), only those logs or tests which can physically be performed are required.
- (d) Area of Review (AOR) Requirements. In conjunction with (b) above, the permittee shall submit information on any well, within a 1/4-mile of the Area Permit boundary, which was not included in the original application. This information shall include the well location, casing and cementing details, top of cement (calculated or logged), depths to tops and bottom of any USDWs, formation depths, and P&A plan(s).
- (e) Corrective Action. For any wells, that penetrate the injection zone within the AOR, which are improperly sealed, completed, or abandoned, the Director may require such corrective action as is necessary to prevent movement of fluid out of the injection zone and into USDWs. Requirements may include such actions as remedial well construction or injection pressure limitations.
3. Tubing and Packer Specifications. The injection wells will be equipped with 2-7/8 inch tubing, with a packer set above the injection zone. The permittee is required to set the packer at a distance of no more than 100 feet above the uppermost perforations.

4. Monitoring Devices. The operator shall provide and maintain in good operating condition:

- (a) a tap on the suction line for the purpose of obtaining representative samples of the injection fluids;
- (b) two (2), one-half (1/2) inch Female Iron Pipe (FIP) fittings, isolated by plug or globe valves, and located: 1) at the wellhead on the tubing; and 2) on the tubing/casing annulus, and positioned to allow attachment of 1/2 inch Male Iron Pipe (MIP) gauges or the attachments for equivalent "quick-disconnect" gauges.

The operator shall always have in his possession calibrated gauges for the use of their field personnel to monitor tubing injection pressure and tubing/casing annulus pressure. The calibrated gauges shall be certified for at least ninety-five (95) percent accuracy throughout the range of anticipated injection pressures; and

- (c) a non-resettable flow meter with cumulative volume recorder that is certified for at least ninety-five (95) percent accuracy, throughout the range of injection rates allowed by the permit.

5. Proposed Changes and Workovers. The permittee shall give advance notice to the Director, as soon as possible, of any planned physical alterations or additions to the permitted well. Major alterations or workovers of the permitted well shall meet all conditions as set forth in this permit. A major alteration or workover shall be considered any work performed, which affects casing, packer(s), or tubing. For the conversion or construction of any additional well(s), the permittee shall give the Director thirty (30) days notice of the proposed activity as per Part II, Section A. 2.(b). A demonstration of mechanical integrity shall be performed within thirty (30) days of completion of any workover and/or alterations, and prior to resuming injection activities in accordance with Part II, Section C. 3. (a).

The permittee shall provide all records of well workovers, logging, or other test data to EPA within sixty (60) days of completion of the activity. Appendix B contains samples of the appropriate reporting forms.

6. Formation Testing and Logging.

- (a) Testing. Upon conversion and/or construction of each well, the permittee is required to determine the injection zone fluid pore pressure (static bottom hole pressure) prior to commencement of disposal operations.
- (b) Step-Rate Test. A step-rate injectivity test shall be performed on at least one (1) of the proposed injection wells to determine the formation parting pressure and the results submitted to the EPA. This testing may be performed prior to full operation, or within three (3) months after injection operations are initiated.
- (c) Logging. The permittee shall conduct appropriate down-hole logging prior to the setting of production casing on all newly constructed wells. The following suite of logs are required; Dual Induction (DIL) and Compensated Density/Neutron (CNL-FDC). A Cement Bond/Gamma Ray log shall be run after casing is set. All logging results shall be accompanied by a brief written narrative (prepared by a knowledgeable log analyst) identifying the USDWs, formation tops, confining layers, injection zones and top of cement.

## B. CORRECTIVE ACTION

The operator is not required to take any corrective action on any of the forty-nine (49) production wells or the five (5) plugged and abandoned wells within the area of review (AOR), before the effective date of the permit. The manner in which the wells are cased and cemented will prevent any migration of fluids from the injection zones into underground sources of drinking water (USDWs) in the Uinta Formation.

## C. WELL OPERATION

- 1. Prior to Commencing Injection (Initial Wells). Individual enhanced recovery injection operations for the four (4) existing production wells (Ute Tribal #1-8, #5-8, #4-18 and #5-18) may not commence until the permittee has complied with both (a) and (b), as follows:

(a) All construction for each respective well is complete and the logging and/or testing requirements have been fulfilled, and the permittee has submitted a Well Rework Record (EPA Form 7520-12). Appendix B contains samples of the appropriate reporting forms.

(i) The Director has inspected or otherwise reviewed the newly converted injection well(s) and he has notified the operator that the well(s) is in compliance with the conditions of the permit; or

(ii) The Permittee has not received notice from the Director of his or her intent to inspect or otherwise review the new injection well(s) within thirteen (13) days of the date the Director has received the Well Rework Record, paragraph (a) above, in which case prior inspection or review is waived and the permittee may commence injection. However, in all circumstances, item (b) below must be satisfied.

(b) The permittee demonstrates that a given well(s) has mechanical integrity in accordance with 40 CFR § 146.8 and Part II, Section C. 3. (a), below, and has received notice from the Director that such a demonstration is satisfactory. The permittee shall notify EPA two (2) weeks prior to conducting this test so that an authorized representative of the EPA may be present to observe the test. Results of the test shall be submitted to the Director as soon as possible, but no later than thirty (30) days after the demonstration.

2. Prior to Commencing Injection (Additional wells). Injection operations for additional wells may not commence until the permittee has complied with both (a) and (b) below:

(a) All required formation testing and logging has been performed in accordance with Part II, Section A. 2. (c), conversion and/or construction is complete, and the permittee has submitted the pertinent Well Completion Reports (EPA Form No. 7520-10) or Well Rework Record (EPA Form No. 7520-12) in Appendix B; and

- (i) the Director has inspected or otherwise reviewed any new injection wells and finds them in compliance with the conditions of the permit; or
  - (ii) the permittee has not received notice from the Director of his, or her, intent to inspect, or otherwise review, any of the new injection wells within thirteen (13) days of the date or receipt of the notice in paragraph (i) of this permit, in which case prior inspection or review is waived and the permittee may commence injection. (Note: In all circumstances item (b), below, must also be satisfied.)
- (b) The permittee demonstrates that a given well(s) has mechanical integrity in accordance with 40 CFR § 146.8 and Part II, Section C. 3. (a), and the permittee has received notice from the Director that such a demonstration is satisfactory. The permittee shall notify EPA two (2) weeks prior to conducting this test so that an authorized representative may be present to observe the test. Results of the test shall be submitted to the Director as soon as possible but no later than thirty (30) days after the demonstration.

3. Mechanical Integrity.

- (a) Method of Demonstrating Mechanical Integrity.  
A demonstration of the absence of significant leaks in the casing, tubing, and/or packer must be made by performing a tubing/casing annulus pressure test. This test shall be for a minimum of forty-five (45) minutes at: (1) a pressure of 300 pounds per square inch gauge (psig) measured at the surface, if the well is shut-in; or (2) a pressure differential of 200 psig between the tubing and the tubing/casing annulus, if injection activities are continued during the test. The tubing/casing annulus shall be filled with a non-corrosive fluid (either a non-toxic liquid or the injection liquid) at least twenty-four (24) hours in advance of the test. Pressure values shall be recorded at five-minute intervals. A well passes the mechanical integrity test if there is less than a ten (10) percent decrease or increase in pressure over the forty-five (45) minute period.

(b) Schedule for Demonstration of Mechanical Integrity. A demonstration of mechanical integrity shall be made at regular intervals, no less frequently than once every five (5) years, in accordance with 40 CFR § 146.8, and paragraph (a), above, unless otherwise modified. Initiation of mechanical integrity demonstrations will be according to the following provisions:

(i) It shall be the permittee's responsibility to arrange and conduct the routine five-year tubing/casing annulus pressure test demonstration. The permittee shall notify the Director of his intent to demonstrate mechanical integrity at least two (2) weeks days prior to such demonstration. Results of the test shall be submitted to the Director as soon as possible, but no later than sixty (60) days after the demonstration.

(ii) In addition to any demonstration made under paragraph (i) above, the Director may require a demonstration of mechanical integrity at any time during the permitted life of a well.

(c) Loss of Mechanical Integrity. If the well(s) fail to demonstrate mechanical integrity during a test, or a loss of mechanical integrity as defined by 40 CFR § 146.8 becomes evident during operation, the permittee shall notify the Director in accordance with Part III, Section E. 10. of this permit. Furthermore, **injection activities shall be terminated immediately;** and operation shall not be resumed until the permittee has taken necessary actions to restore integrity to the well and EPA gives approval to recommence injection.

4. Injection Interval. Fluid injection shall be limited to the gross interval within the Green River Formation between the approximate depths of 3,750 and 5,850 feet. The Green River Formation, from its average top at ±1,410 feet to ±3,974 feet (upper confining zone), is composed of impermeable calcareous shales and continuous beds of microcrystalline dolomite. Petroglyph proposes to inject water into multiple lenticular sands which are distributed throughout a 2,100-foot section of the Green River Formation. These sands are individually separated by shale which act as isolation barriers (confining zones) for the waterflood.

5. Injection Pressure Limitation.

- (a) Injection pressure, measured at the surface, shall not exceed an amount that the Director determines is appropriate to ensure that injection does not initiate new fractures or propagate existing fractures in the confining zone adjacent to USDWs.
- (b) The exact pressure limit may be increased or decreased by the Director to ensure that the requirements in paragraph (a) are fulfilled. In order to determine an exact pressure limit, the permittee shall conduct a step-rate injection test or other authorized well test(s) that will serve to determine the fracture pressure of the injection zone. Test procedures shall be pre-approved by the Director. The Director will specify in writing, to the permittee, any increase or decrease to the injection pressure based upon the test results and/or other parameters reflecting actual injection operations. Until such time that this demonstration is made, the initial injection pressure, measured at the surface, shall not exceed 1,900 psig.

6. Injection Volume Limitation. There is no limitation on the number of barrels of water per day (BWPD) that shall be injected into the Green River sand perforations, provided further that in no case shall injection pressure exceed that limit shown in Part II, Section C. 5. (b) of this permit.

7. Injection Fluid Limitation. Injection fluids are limited to those which are identified in 40 CFR § 144.6. (b) (2) as fluids used for enhanced recovery of oil or natural gas. The permittee shall provide a listing of the sources of the injected fluids in accordance with the reporting requirements in Part II, Section D. 4. of this permit.

8. Annular Fluid. The annulus between the tubing and the casing shall be filled with fresh water and/or brines treated with a corrosion inhibitor, a scale inhibitor, and an oxygen scavenger, or other fluid as approved, in writing, by the Director.

9. Operation of Additional Wells. The permittee may operate additional wells within the permit area, provided that the additional wells meet all conditions as set forth in the permit.

## D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS

1. Injection Well Monitoring Program. Samples and measurements shall be representative of the monitored activity. The permittee shall utilize the applicable analytical methods described in Table 1 of 40 CFR § 136.3, or in Appendix III of 40 CFR Part 261, or in certain circumstances, by other methods that have been approved by the EPA Administrator. Monitoring shall consist of:
  - (a) Analysis of the disposed fluids, performed:
    - (i) annually for Total Dissolved Solids, Ph, Specific Conductivity, and Specific Gravity from the common facility; however, if injection is maintained from more than one well from each common facility, then only one annual analysis is required for that facility.
    - (ii) whenever there is a change in the source of disposed fluids. A comprehensive water analysis shall be submitted to the Director within thirty (30) days of any change in injection fluids.
  - (b) Observations of flow rate, injection pressure, annulus pressure, and cumulative volume shall be conducted weekly. All observations shall be observed and/or measured at approximately the same time. Observations of each shall be recorded monthly.
- 2) Monitoring Information. Records of any monitoring activity required under this permit shall include:
  - (a) The date, exact place, the time of sampling or field measurements;
  - (b) The name of the individual(s) who performed the sampling or measurements;
  - (c) The exact sampling method(s) used to take samples;
  - (d) The date(s) laboratory analyses were performed;

- (e) The name of the individual(s) who performed the analyses;
- (f) The analytical techniques or methods used by laboratory personnel; and
- (g) The results of such analyses.

3. Recordkeeping.

- (a) The permittee shall retain records concerning:
  - (i) the nature and composition of all injected fluids until three (3) years after the completion of plugging and abandonment which has been carried out in accordance with the Plugging and Abandonment Plan shown in Appendix C, and is consistent with 40 CFR § 146.10.
  - (ii) all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and copies of all reports required by this permit for a period of at least five (5) years from the date of the sample, measurement or report throughout the operating life of the well.
- (b) The permittee shall continue to retain such records after the retention period specified in paragraphs (a) (i) and (a) (ii) unless he delivers the records to the Director or obtains written approval from the Director to discard the records.
- (c) The Permittee shall maintain copies (or originals) of all pertinent records at the office of Petroglyph Operating Company, Inc., 6209 North Highway 61, Hutchinson, Kansas 67502.

4. Annual Reporting. The permittee shall submit an Annual Report, whether injecting or not, to the Director summarizing the results of the monitoring required by Part II, Section D. 1. (a) and (b) of this permit. The permittee shall also include a listing of all sources of the fluids injected during the year identifying the source by either the well name(s), the field name(s), or the facility name(s).

The first Annual Report shall cover the period from the effective date of the permit through December 31 of that year. Subsequent Annual Reports shall cover the period from January 1 through December 31. **Annual Reports shall be submitted by February 15 of the following year following data collection.** Appendix B contains Form 7520-11 which may be copied and used to submit the Annual Report.

## E. PLUGGING AND ABANDONMENT

1. Notice of Plugging and Abandonment. The permittee shall notify the Director forty-five (45) days before abandonment of the well.
2. Plugging and Abandonment Plan. The plugging and abandonment plans submitted by the permittee, are incorporated into the permit, (Appendix C of the Permit) and shall be binding on the permittee. These plans have been reviewed and approved by the EPA. The EPA reserves the right to change the manner in which the well will be plugged if the well is modified during its permitted life or if the well is not made consistent with EPA requirements for construction and mechanical integrity. The Director may require the permittee to update the estimated plugging cost periodically. Such estimates shall be based upon costs which a third party would incur to plug the well according to the plan.
3. Cessation of Injection Activities. After a cessation of operations of two (2) years, the permittee shall plug and abandon the well in accordance with the Plugging and Abandonment Plan, unless the permittee:
  - (a) has provided notice to the Director; and
  - (b) has demonstrated that the well will be used in the future; and
  - (c) has described actions or procedures, satisfactory to the Director, that will be taken to ensure that the well will not endanger underground sources of drinking water during the period of temporary abandonment.

4. Plugging and Abandonment Report(s). Within sixty (60) days after plugging the well, the permittee shall submit a report on Form 7520-13 to the Director. The report shall be certified as accurate by the person who performed the plugging operation, and the report shall consist of either: (1) a statement that the well was plugged in accordance with the plan; or (2) where actual plugging differed from the plan, a statement that specifies the different procedures followed.
5. Plugging of Additional Wells. The permittee may plug and abandon any future additional enhanced recovery injection wells within the permit area that were converted or constructed under Part II, Section A., provided that the plugging and abandonment meets all conditions as set forth in this permit.

## F. FINANCIAL RESPONSIBILITY

1. Demonstration of Financial Responsibility. The permittee is required to maintain continuous financial responsibility and resources to close, plug, and abandon the injection wells as provided in the plugging and abandonment plan.
  - (a) The permittee may submit a written request to EPA to change the type of financial mechanism or instrument utilized. A change in demonstration of financial responsibility must be approved in writing by the Director.
2. Insolvency of Financial Institution. In the event that an alternate demonstration of financial responsibility has been approved under (a), above, the permittee must submit an alternate demonstration of financial responsibility acceptable to the Director within sixty (60) days after either of the following events occur:
  - (a) The institution issuing the trust or financial instrument files for bankruptcy; or
  - (b) The authority of the trustee institution to act as trustee, or the authority of the institution issuing the financial instrument, is suspended or revoked.

3. Cancellation of Demonstration by Financial Institution.  
The permittee must submit an alternative demonstration of financial responsibility acceptable to the Director, within sixty (60) days after the institution issuing the trust or financial instrument serves 120-day notice to the EPA of their intent to cancel the trust or financial instrument.

## PART III. GENERAL PERMIT CONDITIONS

### A. EFFECT OF PERMIT

The permittee is allowed to engage in underground disposal in accordance with the conditions of this permit. The permittee, as authorized by this permit, shall not construct, operate, maintain, convert, plug, abandon, or conduct any other disposal activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 CFR Part 142 or otherwise adversely affect the health of persons. Any underground disposal activity not authorized in this permit or otherwise authorized by permit or rule is prohibited. Issuance of this permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local law or regulations. Compliance with the terms of this permit does not constitute a defense to any enforcement action brought under the provisions of Section 1431 of the Safe Drinking Water Act (SDWA), 42 USC §300i, or any other law governing protection of public health or the environment for any imminent and substantial endangerment to human health, or the environment, nor does it serve as a shield to the permittee's independent obligation to comply with all UIC regulations.

### B. PERMIT ACTIONS

1. Modification, Reissuance, or Termination. The Director may, for cause or upon a request from the permittee, modify, revoke and reissue, or terminate this permit in accordance with 40 CFR §§ 124.5, 144.12, 144.39, and 144.40. Also, the permit is subject to minor modifications for cause as specified in 40 CFR § 144.41. The filing of a request for a permit modification, revocation and reissuance, or termination or the notification of planned changes or anticipated noncompliance on the part of the permittee does not stay the applicability or enforceability of any permit condition.
2. Conversions. The Director may, for cause or upon a request from the permittee, allow conversion of the well from a Class II salt water disposal well to a non-Class II well. Requests to convert the disposal well from its Class II status to a non-Class II well,

such as, a production well, must be made in writing to the Director. Conversion may not proceed until a permit modification indicating the conditions of the proposed conversion is received by the permittee. Conditions of the modification may include such items as, but is not limited to, approval of the proposed well rework, follow up demonstration of mechanical integrity, and well specific monitoring and reporting following the conversion.

3. Transfers. This permit is not transferrable to any person except after notice is provided to the Director and the requirements of 40 CFR § 144.38 are complied with. The Director may require modification, or revocation and reissuance, of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the SDWA.
4. Operator Change of Address. Upon the operator's change of address, notice must be given to the appropriate EPA office at least fifteen (15) days prior to the effective date.

### C. SEVERABILITY

If any provision of this permit or the application of any provision of this permit to any circumstance is stayed or held invalid, all remaining provisions of this permit shall remain fully effective and enforceable, except for those provisions which are not severable from the stayed or invalid provision.

### D. CONFIDENTIALITY

In accordance with 40 CFR Part 2 and 40 CFR §144.5, any information submitted to EPA pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, EPA may make the information available to the public without further notice. If a claim is asserted, the validity of the claim will be assessed in accordance with the procedures in 40 CFR Part 2 (Public Information). EPA will deny claims of confidentiality including but not limited to the following information:

- The name and address of the permittee; and
- Information which deals with the existence, absence or level of contaminants in drinking water.

## E. GENERAL DUTIES AND REQUIREMENTS

1. Duty to Comply. The permittee shall comply with all conditions of this permit, except to the extent and for the duration such noncompliance is authorized by an emergency permit. Any permit noncompliance constitutes a violation of the SDWA and is grounds for enforcement action, permit termination, revocation and reissuance, or modification. Such noncompliance may also be grounds for enforcement action under the Resource Conservation and Recovery Act (RCRA).
2. Penalties for Violations of Permit Conditions. Any person who violates a permit requirement is subject to civil penalties, fines, and other enforcement action under the SDWA and may be subject to such actions pursuant to the RCRA. Any person who willfully violates permit conditions may be subject to criminal prosecution.
3. Need to Halt or Reduce Activity not a Defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
4. Duty to Mitigate. The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit.
5. Proper Operation and Maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit.
6. Duty to Provide Information. The permittee shall furnish the Director, within a time specified, any information which the Director may request to determine whether cause exists for modifying, revoking and

reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

7. Inspection and Entry. The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:
  - (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
  - (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
  - (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
  - (d) Sample or monitor, at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the SDWA any substances or parameters at any location.
8. Records of Permit Application. The permittee shall maintain records of all data required to complete the permit application and any supplemental information submitted for a period of five (5) years from the effective date of this permit. This period may be extended by request of the Director at any time.
9. Signatory Requirements. All reports or other information requested by the Director shall be signed and certified according to 40 CFR § 144.32.
10. Reporting of Noncompliance.
  - (a) Anticipated Noncompliance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Twenty-four Hour Reporting.
- (i) The permittee shall report to the Director any noncompliance which may endanger health or the environment. Information shall be provided orally within twenty-four (24) hours from the time the permittee becomes aware of the circumstances by telephoning EPA at (303) 293-1550 (during normal business hours) or at (303) 293-1788 (for reporting at all other times). The following information shall be included in the verbal report:
- (A) Any monitoring or other information which indicates that any contaminant may cause endangerment to an underground source of drinking water (USDW).
- (B) Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between USDWs.
- (ii) A written submission shall also be provided to the Director within five (5) days of the time the permittee becomes aware of the potential for endangerment to health or the environment. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- (d) Other Noncompliance. The permittee shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted. The reports shall contain the information listed in Part III, Section E. 10. (c) (ii) of this permit.

- (e) Other Information. Where the permittee becomes aware that any relevant facts were not submitted in the permit application, or incorrect information was submitted in a permit application or in any report to the Director, the permittee shall submit such correct facts or information within two (2) weeks of the time such information becomes known.

## APPENDIX A

### (CONVERSION/CONSTRUCTION DETAILS)

Ute Tribal #1-8  
Ute Tribal #5-8  
Ute Tribal #4-18  
Ute Tribal #5-18

UPON REENTRY OF THESE OIL WELLS, THE CONVERSION TO AN  
ENHANCED RECOVERY WELL WILL BE AS FOLLOWS:

- (1) Move in and rig up service unit (MIRUSU), trip out of hole (TOH) with rods and tubing.
- (2) Trip in hole (TIH) w/ bit and casing scraper to total depth (TD) to ensure that the casing is clean. Any fill encountered will be circulated out of the well.
- (3) Cement squeeze and/or isolate by CIBP selected perforations as required. The proposed downhole injection equipment will then be run on tubing and set at the appropriate depth.
- (4) The casing annulus will be filled with the recommended packer fluid.
- (5) Notify EPA of Mechanical Integrity Testing, with EPA authorized representative present, run MIT, if passed, place well on injection status upon approval from the Director.

**Ute Tribal #1-8  
Wellbore Diagram  
After Conversion**

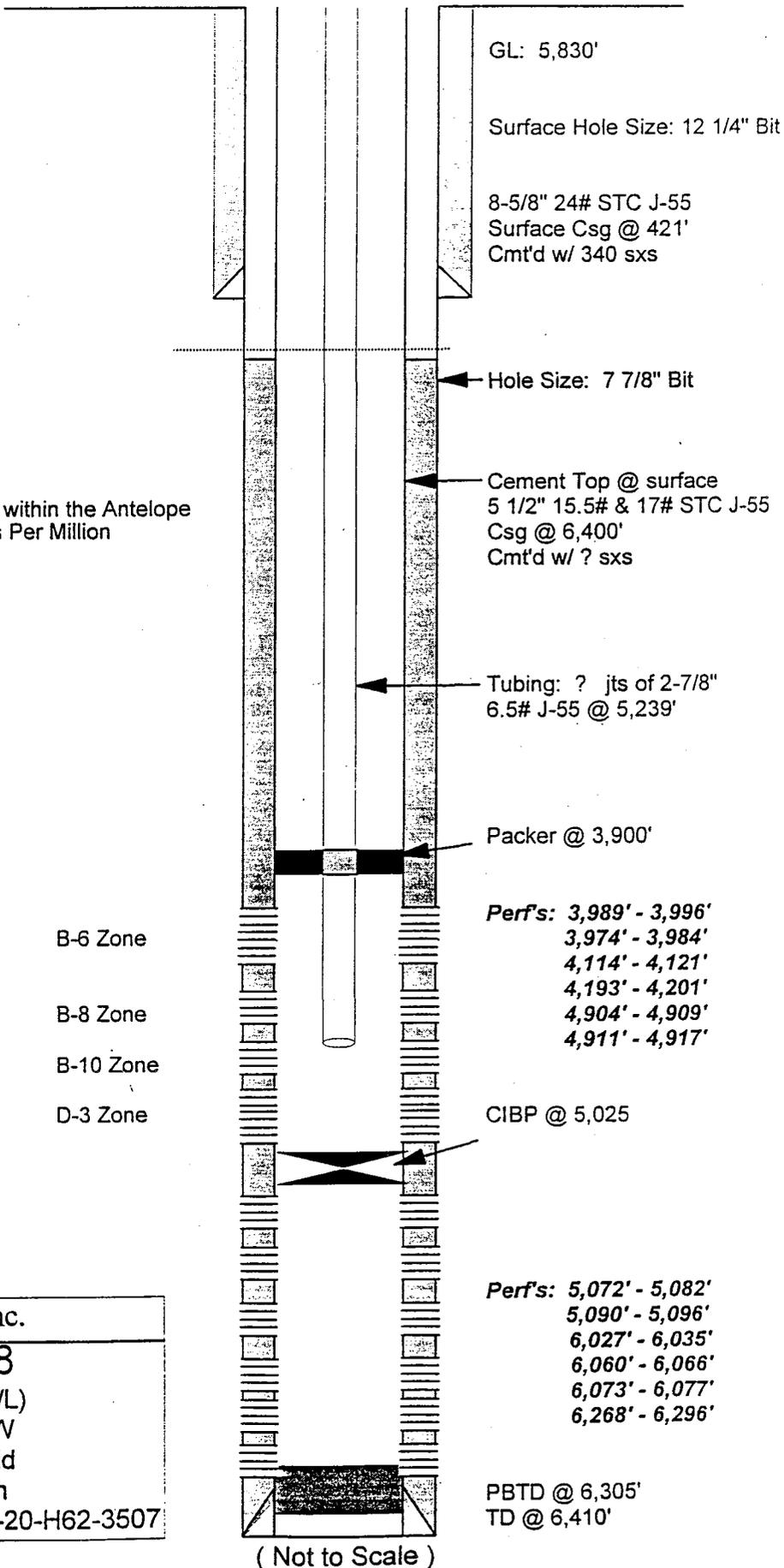
Water Samples and Locations

No USDW found in Uinta Formation

Top of Green River Formation at 1,270'

No USDW found in Green River Formation

Average Total Dissolved Solids in 21 wells within the Antelope Creek Project Area equals 16,722.55 Parts Per Million



Inland Resources Inc.
<b>Ute Tribal 1-8</b>
(754' FNL & 888' FWL)
NW NW 8-T5S-R3W
Antelope Creek Field
Duchesne Co, Utah
API #43-013-30759; Lease #14-20-H62-3507

( Not to Scale )

**Ute Tribal #5-8  
Wellbore Diagram  
After Conversion**

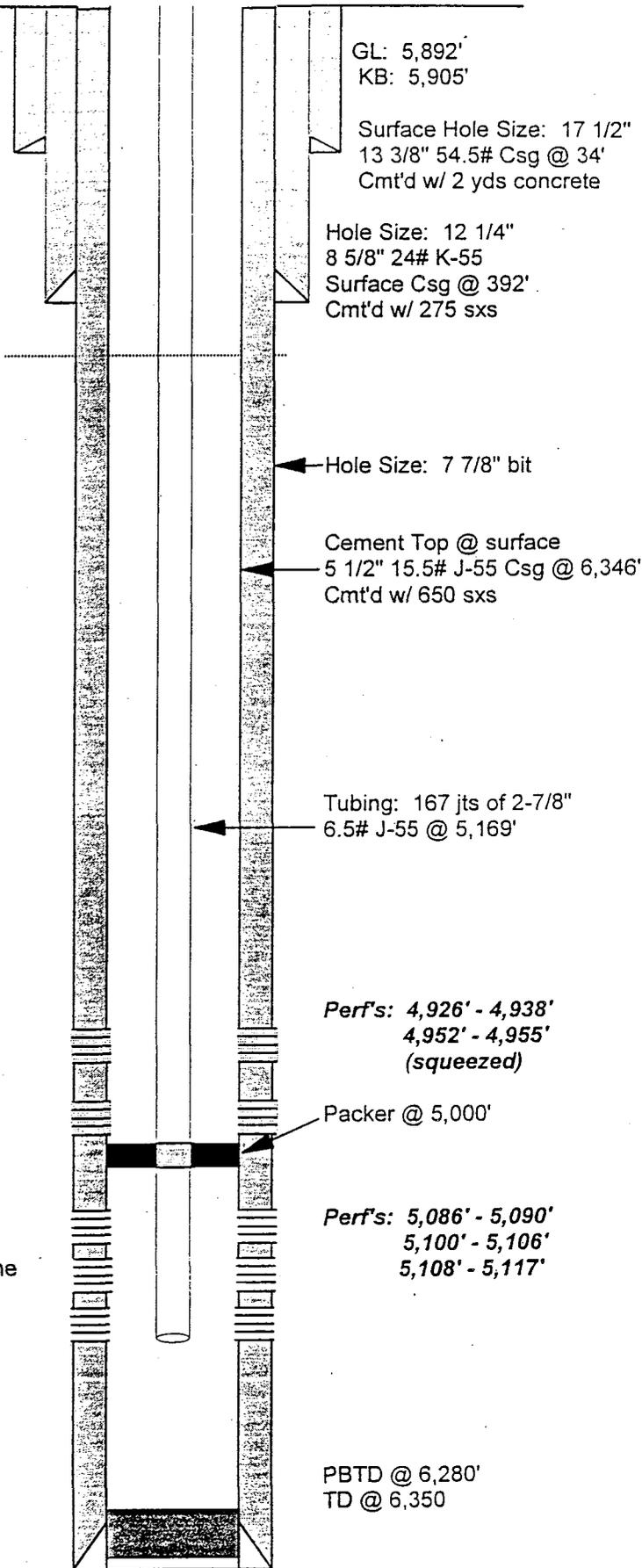
Water Samples and Locations

USDW found in Uinta Formation  
Water found at 200' with total dissolved solids of 9885 Parts Per Million

Top of Green River Formation at 1,360'

No USDW found in Green River Formation

Average Total Dissolved Solids in 21 wells within the Antelope Creek Project Area equals 16,722.55 Parts Per Million



<p><b>Inland Resources Inc.</b>  <b>Ute Tribal 5-8</b>          (1,550' FNL &amp; 1,550' FWL)          SE NW Section 8-T5S-R3W          Antelope Creek Field          Duchesne Co, Utah          API #43-013-31307; Lease #14-20-H62-3507</p>
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( Not to Scale )

**Ute Tribal #4-18  
Wellbore Diagram  
After Conversion**

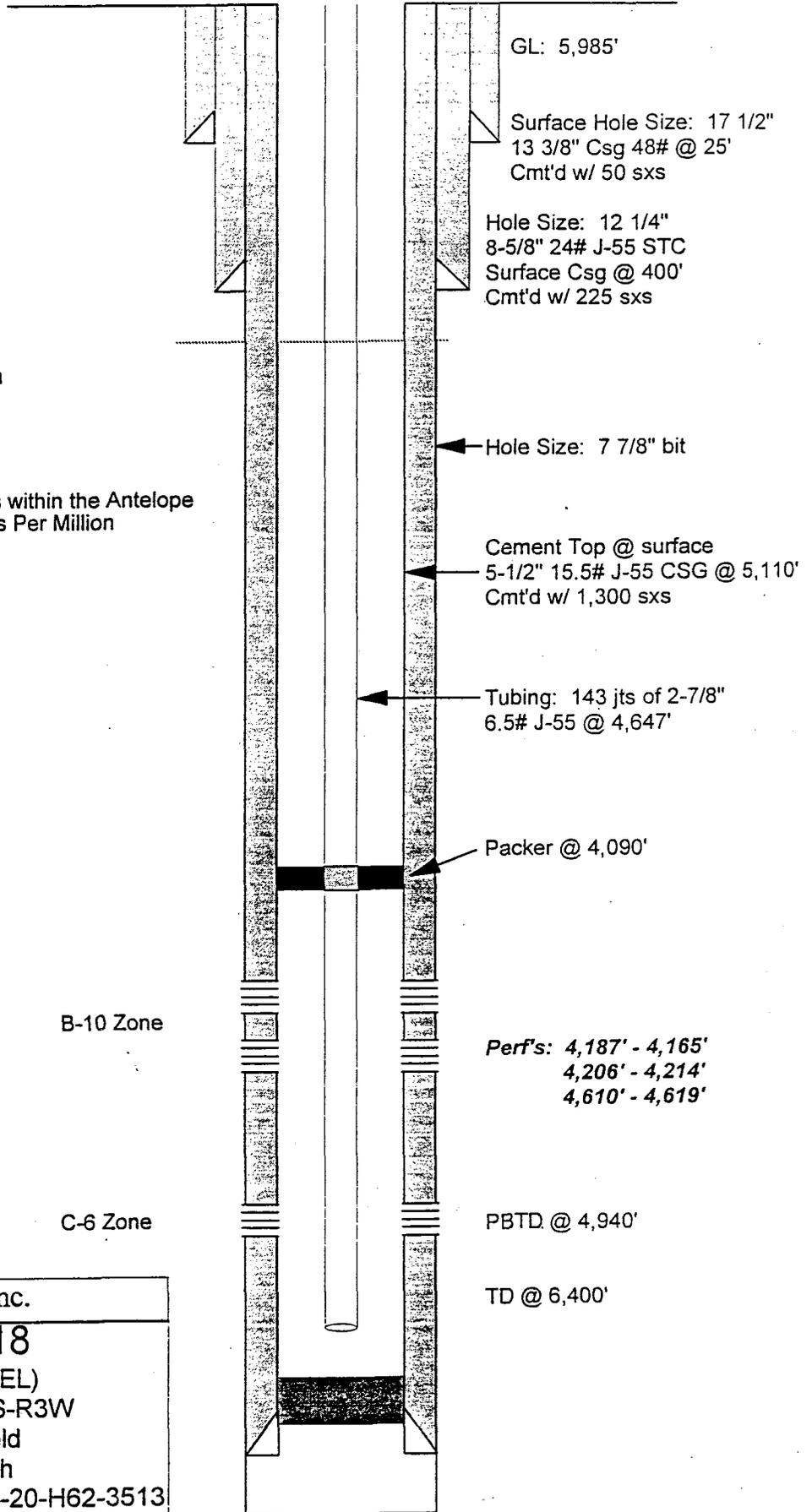
Water Samples and Locations

No USDW found in Uinta Formation

Top of Green River Formation at 1,510'

No USDW found in Green River Formation

Average Total Dissolved Solids in 21 wells within the Antelope Creek Project Area equals 16,722.55 Parts Per Million (See Exhibit 2 this section)



Inland Resources Inc.
<b>Ute Tribal 4-18</b>
(812' FNL & 1,768' FEL)
NW NW Section 18-T5S-R3W
Antelope Creek Field
Duchesne Co, Utah
API #43-013-31091; Lease #14-20-H62-3513

( Not to Scale )

**Ute Tribal #5-18  
Wellbore Diagram  
After Conversion**

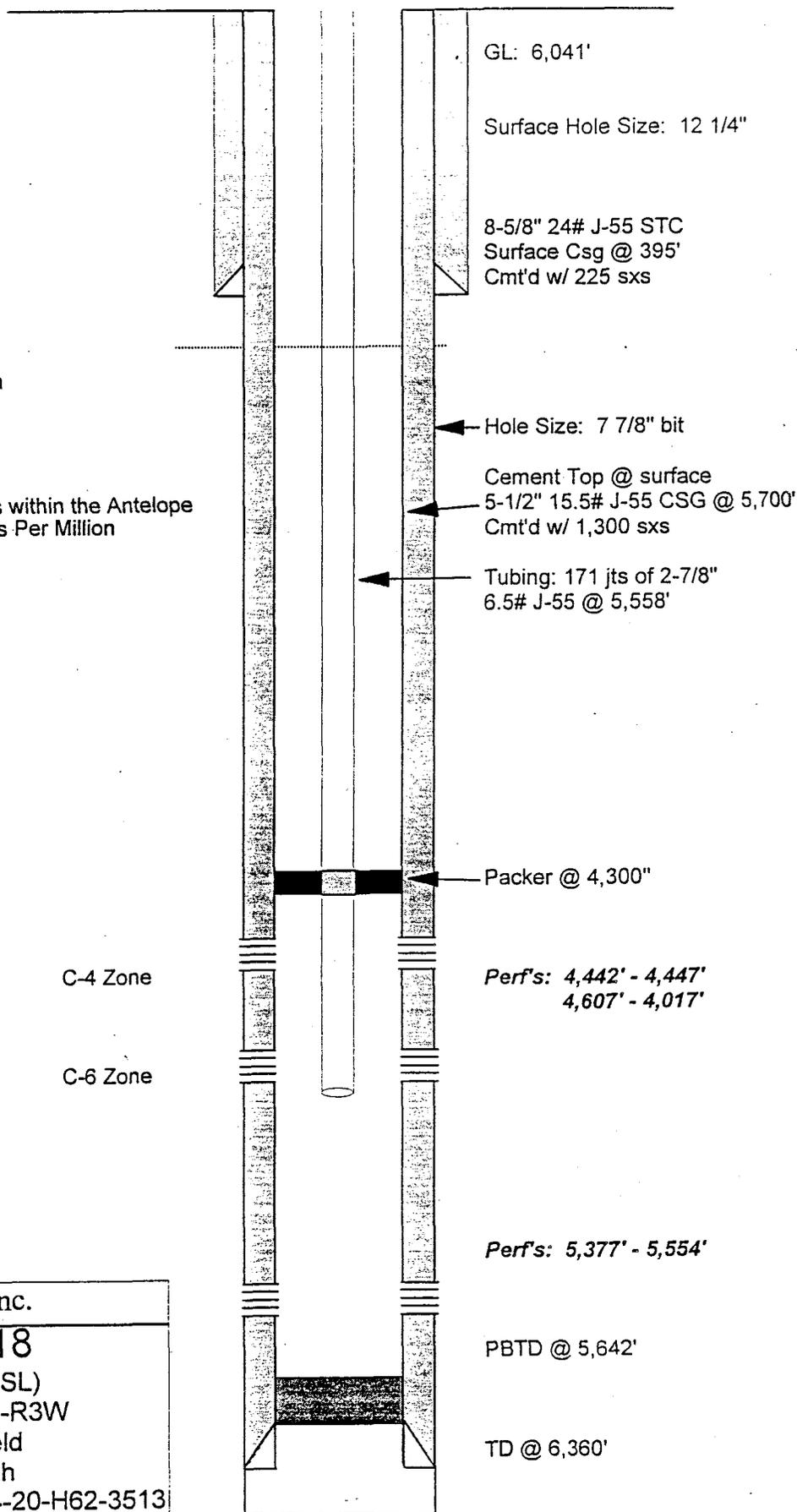
Water Samples and Locations

No USDW found in Uinta Formation

Top Green River Formation @ 1,502'

No USDW found in Green River Formation

Average Total Dissolved Solids in 21 wells within the Antelope Creek Project Area equals 16,722.55 Parts Per Million (See Exhibit 2 this section)



<p><b>Inland Resources Inc.</b></p> <p><b>Ute Tribal 5-18</b> (667' FEL &amp; 2,151' FSL) NE SE Section 18-5TS-R3W Antelope Creek Field Duchesne Co, Utah API #43-013-31180; Lease #14-20-H62-3513</p>
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( Not to Scale )

## APPENDIX B

### REPORTING FORMS

1. EPA Form 7520- 7: APPLICATION TO TRANSFER PERMIT
2. EPA Form 7520-10: COMPLETION REPORT FOR BRINE DISPOSAL WELL
3. EPA Form 7520-11: ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT
4. EPA Form 7520-12: WELL REWORK RECORD
5. EPA Form 7520-13: PLUGGING RECORD
6. EPA Form R8: MECHANICAL INTEGRITY PRESSURE TEST

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



# APPLICATION TO TRANSFER PERMIT

NAME AND ADDRESS OF EXISTING PERMITTEE

NAME AND ADDRESS OF SURFACE OWNER

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES

STATE

COUNTY

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

¼ OF

¼ OF

¼ SECTION

TOWNSHIP

RANGE

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface

Location \_\_\_\_\_ ft. from (N/S) \_\_\_\_\_ Line of quarter section

and \_\_\_\_\_ ft. from (E/W) \_\_\_\_\_ Line of quarter section

WELL ACTIVITY

WELL STATUS

TYPE OF PERMIT

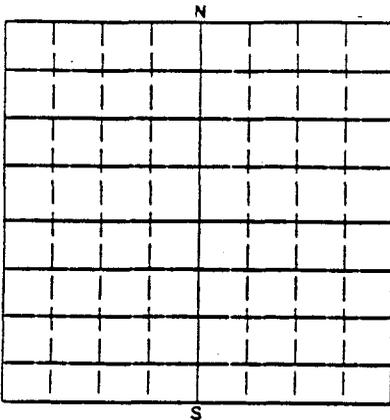
- Class I
- Class II
  - Brine Disposal
  - Enhanced Recovery
  - Hydrocarbon Storage
- Class III
- Other

- Operating
- Modification/Conversion
- Proposed

- Individual
  - Area
- Number of Wells \_\_\_\_\_

Lease Name

Well Number



NAME(S) AND ADDRESS(ES) OF NEW OWNER(S)

NAME AND ADDRESS OF NEW OPERATOR

Attach to this application a written agreement between the existing and new permittee containing a specific date for transfer of permit responsibility, coverage, and liability between them.

The new permittee must show evidence of financial responsibility by the submission of surety bond, or other adequate assurance, such as financial statements or other materials acceptable to the director.

## CERTIFICATION

*I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)*

NAME AND OFFICIAL TITLE (Please type or print)

SIGNATURE

DATE SIGNED



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

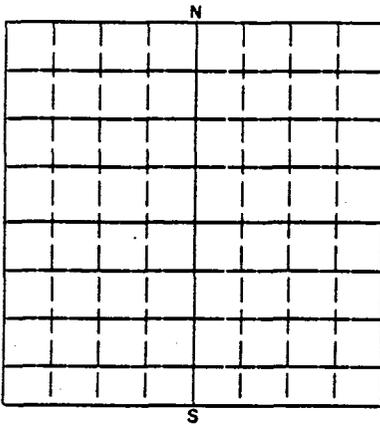
Form Approved  
OMB No. 2040-0042  
Approval expires 9-30-96

**COMPLETION REPORT FOR BRINE DISPOSAL,  
HYDROCARBON STORAGE, OR ENHANCED RECOVERY WELL**

NAME AND ADDRESS OF EXISTING PERMITTEE

NAME AND ADDRESS OF SURFACE OWNER

LOCATE WELL AND OUTLINE UNIT ON  
SECTION PLAT — 640 ACRES



STATE	COUNTY	PERMIT NUMBER
SURFACE LOCATION DESCRIPTION		
1/4 OF	1/4 OF	1/4 SECTION TOWNSHIP RANGE
LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT		
Surface Location ____ ft. from (N/S) ____ Line of quarter section		
and ____ ft. from (E/W) ____ Line of quarter section		
WELL ACTIVITY		TYPE OF PERMIT
<input type="checkbox"/> Brine Disposal	<input type="checkbox"/> Individual	Estimated Fracture Pressure of Injection Zone
<input type="checkbox"/> Enhanced Recovery	<input type="checkbox"/> Area	
<input type="checkbox"/> Hydrocarbon Storage	Number of Wells ____	
Anticipated Daily Injection Volume (Bbls)		Injection Interval
Average	Maximum	Feet to Feet
Anticipated Daily Injection Pressure (PSI)		Depth to Bottom of Lowermost Freshwater Formation (Feet)
Average	Maximum	

Type of Injection Fluid (Check the appropriate block(s))	Lease Name	Well Number
<input type="checkbox"/> Salt Water	Name of Injection Zone	
<input type="checkbox"/> Brackish Water		
<input type="checkbox"/> Fresh Water		
<input type="checkbox"/> Liquid Hydrocarbon		
<input type="checkbox"/> Other		

Date Drilling Began	Date Well Completed	Permeability of Injection Zone
---------------------	---------------------	--------------------------------

Date Drilling Completed	Porosity of Injection Zone
-------------------------	----------------------------

CASING AND TUBING			CEMENT		HOLE	
OD Size	Wt/Ft — Grade — New or Used	Depth	Sacks	Class	Depth	Bit Diameter

INJECTION ZONE STIMULATION		WIRE LINE LOGS, LIST EACH TYPE	
Interval Treated	Materials and Amount Used	Log Types	Logged Intervals

Complete Attachments A — E listed on the reverse.

**CERTIFICATION**

*I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).*

NAME AND OFFICIAL TITLE (Please type or print)	DATE SIGNED
--	-------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



**WELL REWORK RECORD**

NAME AND ADDRESS OF PERMITTEE	NAME AND ADDRESS OF CONTRACTOR
-------------------------------	--------------------------------

<p>LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES</p> <div style="text-align: center;">N</div> <table border="1" style="width:100%; height: 150px; border-collapse: collapse;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> <div style="text-align: center;">S</div> <div style="display: flex; justify-content: space-between; width: 100%;"> <span>W</span> <span>E</span> </div>																																																																																	STATE	COUNTY	PERMIT NUMBER
SURFACE LOCATION DESCRIPTION																																																																																			
¼ OF                  ¼ OF                  ¼ SECTION                  TOWNSHIP                  RANGE																																																																																			
LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT																																																																																			
Surface Location _____ ft. from (N/S) _____ Line of quarter section																																																																																			
and _____ ft. from (E/W) _____ Line of quarter section																																																																																			
WELL ACTIVITY <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage  Lease Name _____	Total Depth Before Rework	TYPE OF PERMIT																																																																																	
	Total Depth After Rework	<input type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells _____  Well Number _____																																																																																	
	Date Rework Commenced																																																																																		
	Date Rework Completed																																																																																		

WELL CASING RECORD — BEFORE REWORK						
Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

WELL CASING RECORD — AFTER REWORK <i>(Indicate Additions and Changes Only)</i>						
Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY	WIRE LINE LOGS, LIST EACH TYPE	
	Log Types	Logged Intervals

**CERTIFICATION**

*I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).*

NAME AND OFFICIAL TITLE <i>(Please type or print)</i>	SIGNATURE	DATE SIGNED
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# PLUGGING RECORD

NAME AND ADDRESS OF PERMITTEE

NAME AND ADDRESS OF CEMENTING COMPANY

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES

N							
S							

STATE

COUNTY

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

1/4 OF

1/4 OF

1/4 SECTION

TOWNSHIP

RANGE

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface

Location \_\_\_\_\_ ft. from (N/S) \_\_\_\_\_ Line of quarter section

and \_\_\_\_\_ ft. from (E/W) \_\_\_\_\_ Line of quarter section

TYPE OF PERMIT

- Individual
- Area

Number of Wells

Describe in detail the manner in which the fluid was placed and the method used in introducing it into the hole

CASING AND TUBING RECORD AFTER PLUGGING

WELL ACTIVITY

METHOD OF EMPLACEMENT OF CEMENT PLUGS

SIZE	WT(LB/FT)	PUT IN WELL (FT)	LEFT IN WELL (FT)	HOLE SIZE

- Brine Disposal
- Enhanced Recovery
- Hydrocarbon Storage

- The Balance Method
- The Dump Bailer Method
- The Two-Plug Method

Lease Name

Well Number

CEMENTING TO PLUG AND ABANDON DATA:

PLUG #1

PLUG #2

PLUG #3

PLUG #4

PLUG #5

PLUG #6

PLUG #7

Cementing Date

Size of Hole or Pipe in which Plug Placed (inches)

Depth to Bottom of Tubing or Drill Pipe (ft.)

Sacks of Cement Used (each plug)

Slurry Volume Pumped (cu. ft.)

Calculated Top of Plug (ft.)

Measured Top of Plug (if tagged ft.)

Slurry Wt. (Lb./Gal.)

Type Cement

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS

From

To

From

To

Signature of Cementer or Authorized Representative

Signature of EPA Representative

### CERTIFICATION.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

NAME AND OFFICIAL TITLE (Please type or print)

SIGNATURE

DATE SIGNED

# Mechanical Integrity Test Casing/Annulus Pressure Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Implementation Section, 8WM-DW  
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date \_\_\_/\_\_\_/9 Time \_\_\_\_\_ am/pm

Test conducted by: \_\_\_\_\_

Others present: \_\_\_\_\_

Well name \_\_\_\_\_ EPA Number \_\_\_\_\_  
 Field name \_\_\_\_\_  
 Location \_\_\_\_\_ qtr qtr; \_\_\_\_\_ Section; \_\_\_\_\_ Township; \_\_\_\_\_ Range  
 Owner/Operator \_\_\_\_\_

Time	Test #1	Test #2	Test #3
0 min	_____ psig	_____ psig	_____ psig
5	_____	_____	_____
10	_____	_____	_____
15	_____	_____	_____
20	_____	_____	_____
25	_____	_____	_____
30 min	_____	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____

Tubing press \_\_\_\_\_ psig      \_\_\_\_\_ psig      \_\_\_\_\_ psig

Result (circle) Pass    Fail                  Pass    Fail                  Pass    Fail

Signature of Witness: \_\_\_\_\_

## APPENDIX C (PLUGGING & ABANDONMENT PLANS)

Ute Tribal #1-8  
Ute Tribal #5-8  
Ute Tribal #4-18  
Ute Tribal #5-18

# Petroglyph Operating Company

Ute Tribal #1-8  
T5S, R3W, Section 8

## Plugging and Abandonment Plan

### Primary Plan

1. POOH w/ tubulars.
2. RIH Set CIBP @ 3850'.
3. Set 200' cement plug (30 sxs class G cement) above CIBP.
4. Set 200' cement plug (30 sxs class G cement) @ 2400'.
5. Set 100' cement plug (15 sxs class G cement) across base of surface (471'-371').
6. Set 50' cement plug (8 sxs class G cement) from 50' to surface.
7. Pump 75 sxs down annulus or until full returns
8. Set P&A marker.

**Ute Tribal #1-8  
Wellbore Diagram  
Plugged**

Water Samples and Locations

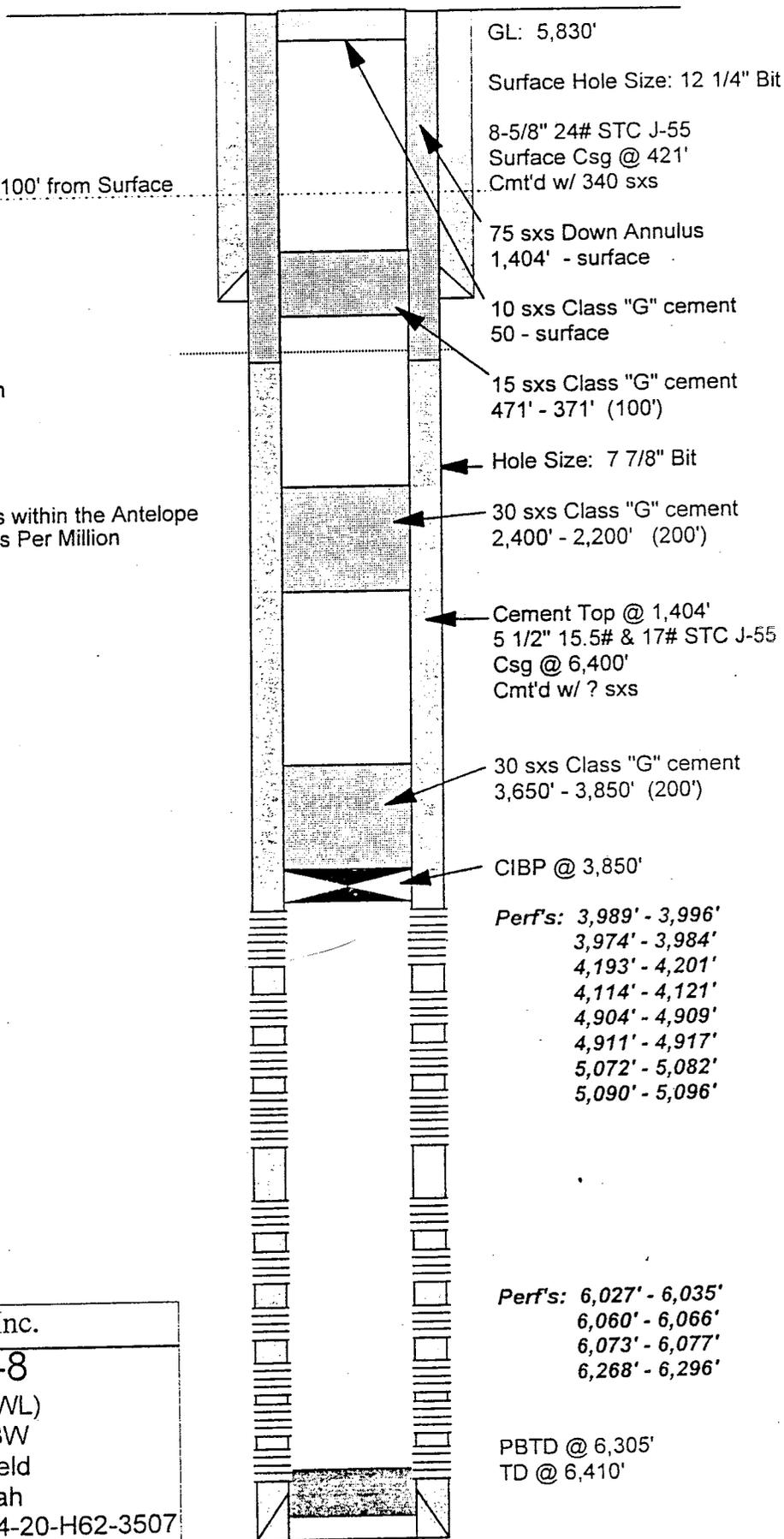
No USDW found in Uinta Formation

Estimated Base USDW 100' from Surface  
See Map Section E.

Top of Green River Formation at 1,270'

No USDW found in Green River Formation

Average Total Dissolved Solids in 21 wells within the Antelope  
Creek Project Area equals 16,722.55 Parts Per Million



GL: 5,830'

Surface Hole Size: 12 1/4" Bit

8-5/8" 24# STC J-55  
Surface Csg @ 421'  
Cmt'd w/ 340 sxs

75 sxs Down Annulus  
1,404' - surface

10 sxs Class "G" cement  
50 - surface

15 sxs Class "G" cement  
471' - 371' (100')

Hole Size: 7 7/8" Bit

30 sxs Class "G" cement  
2,400' - 2,200' (200')

Cement Top @ 1,404'  
5 1/2" 15.5# & 17# STC J-55  
Csg @ 6,400'  
Cmt'd w/ ? sxs

30 sxs Class "G" cement  
3,650' - 3,850' (200')

CIBP @ 3,850'

*Perf's:* 3,989' - 3,996'  
3,974' - 3,984'  
4,193' - 4,201'  
4,114' - 4,121'  
4,904' - 4,909'  
4,911' - 4,917'  
5,072' - 5,082'  
5,090' - 5,096'

*Perf's:* 6,027' - 6,035'  
6,060' - 6,066'  
6,073' - 6,077'  
6,268' - 6,296'

PBD @ 6,305'  
TD @ 6,410'

<p>Inland Resources Inc.</p> <p><b>Ute Tribal 1-8</b> (754' FNL &amp; 888' FWL) NW NW 8-T5S-R3W Antelope Creek Field Duchesne Co, Utah API #43-013-30759; Lease #14-20-H62-3507</p>
---

( Not to Scale )

# Petroglyph Operating Company

Ute Tribal #5-8  
T5S, R3W, Section 8

## Plugging and Abandonment Plan

### Primary Plan

1. POOH w/ tubulars.
2. RIH Set CIBP @ 4900'.
3. Set 200' cement plug (30 sxs class G cement) above CIBP.
4. Set 200' cement plug (30 sxs class G cement) @ 2400'.
5. Set 100' cement plug (15 sxs class G cement) across base of surface (442'-342').
6. Set 50' cement plug (8 sxs class G cement) from 50' to surface.
7. Set P&A marker.

**Ute Tribal #5-8  
Wellbore Diagram  
Plugged**

Water Samples and Locations

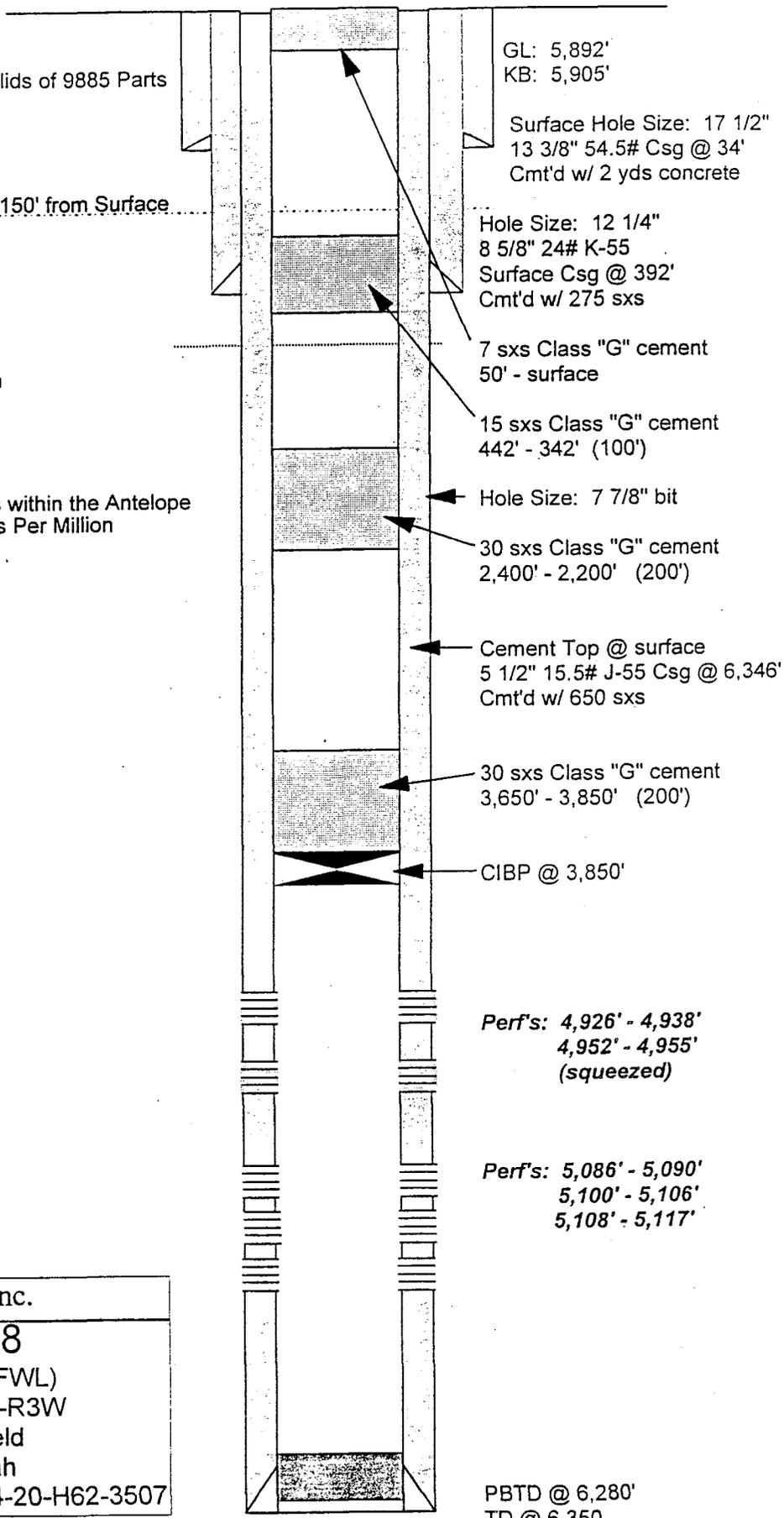
USDW found in Uinta Formation  
Water found at 200' with total dissolved solids of 9885 Parts Per Million

Estimated Base USDW 150' from Surface  
See Map Section E.

Top of Green River Formation at 1,360'

No USDW found in Green River Formation

Average Total Dissolved Solids in 21 wells within the Antelope Creek Project Area equals 16,722.55 Parts Per Million



<p><b>Inland Resources Inc.</b></p> <p><b>Ute Tribal 5-8</b>          (1,550' FNL &amp; 1,550' FWL)          SE NW Section 8-T5S-R3W          Antelope Creek Field          Duchesne Co, Utah          API #43-013-31307; Lease #14-20-H62-3507</p>
---

( Not to Scale )

PBTD @ 6,280'  
TD @ 6,350'

# Petroglyph Operating Company

Ute Tribal #4-18  
T5S, R3W, Section 18

## Plugging and Abandonment Plan

### Primary Plan

1. POOH w/ tubulars.
2. RIH Set CIBP @ 4050'.
3. Set 200' cement plug (30 sxs class G cement) above CIBP.
4. Set 200' cement plug (30 sxs class G cement) @ 2400'.
5. Set 100' cement plug (15 sxs class G cement) across base of surface (450'-350').
6. Set 50' cement plug (8 sxs class G cement) from 50' to surface.
7. Set P&A marker.

**Ute Tribal #4-18  
Wellbore Diagram  
Plugged**

Water Samples and Locations

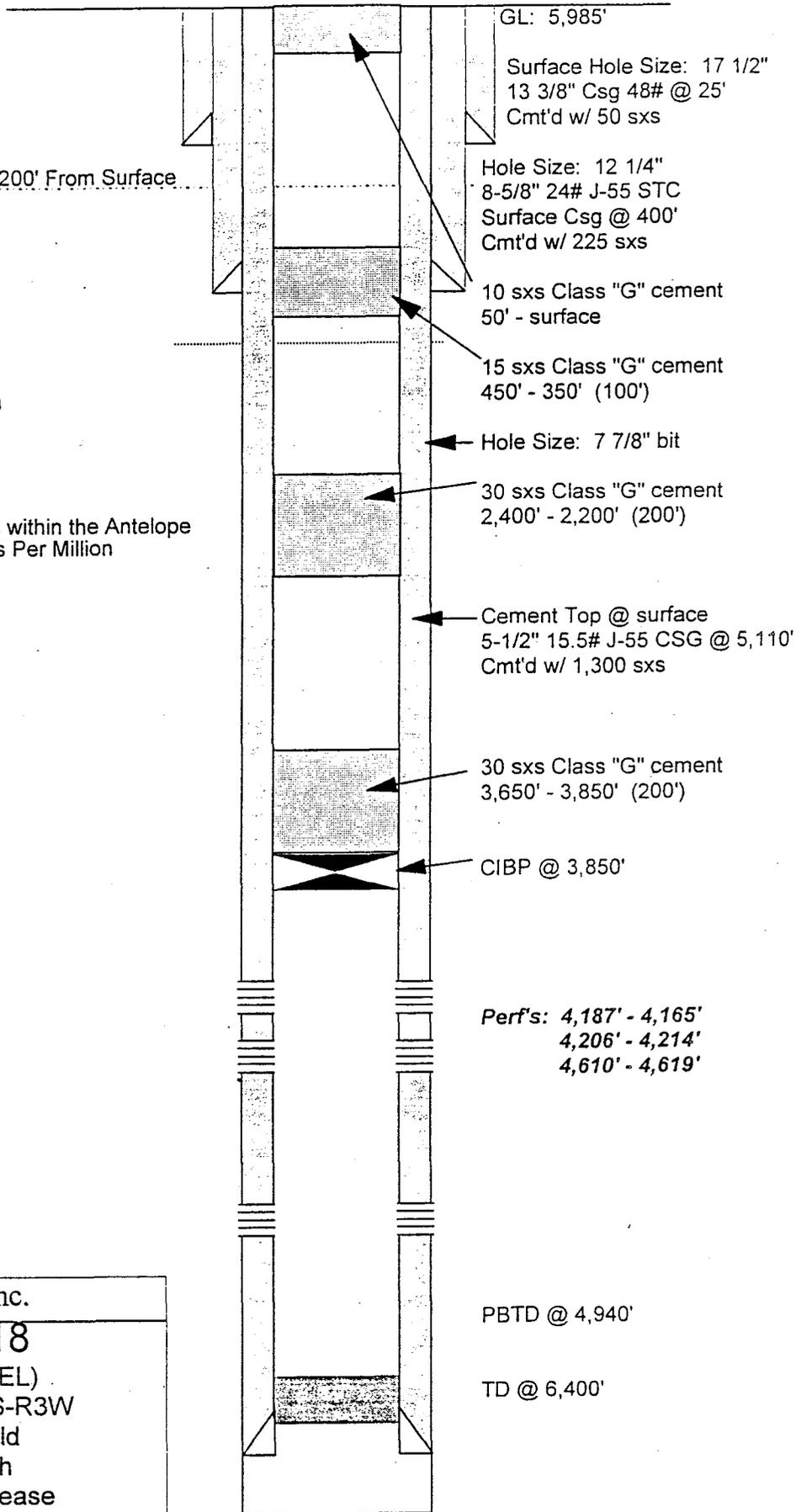
No USDW found in Uinta Formation

Estimated Base USDW 200' From Surface  
See Map Section E.

Top of Green River Formation at 1,510'

No USDW found in Green River Formation

Average Total Dissolved Solids in 21 wells within the Antelope  
Creek Project Area equals 16,722.55 Parts Per Million  
(See Exhibit 2 this section)



<p><b>Inland Resources Inc.</b></p> <p><b>Ute Tribal 4-18</b> (812' FNL &amp; 1,768' FEL) NW NW Section 18-T5S-R3W Antelope Creek Field Duchesne Co, Utah API #43-013-31091; Lease #14-20-H62-35134</p>
---

( Not to Scale )

# Petroglyph Operating Company

Ute Tribal #5-18  
T5S, R3W, Section 18

## Plugging and Abandonment Plan

### Primary Plan

1. POOH w/ tubulars.
2. RIH Set CIBP @ 4350'.
3. Set 200' cement plug (30 sxs class G cement) above CIBP.
4. Set 200' cement plug (30 sxs class G cement) @ 2400'.
5. Set 100' cement plug (15 sxs class G cement) across base of surface (445'-355').
6. Set 50' cement plug (8 sxs class G cement) from 50' to surface.
7. Set P&A marker.

**Ute Tribal #5-18  
Wellbore Diagram  
Plugged**

Water Samples and Locations

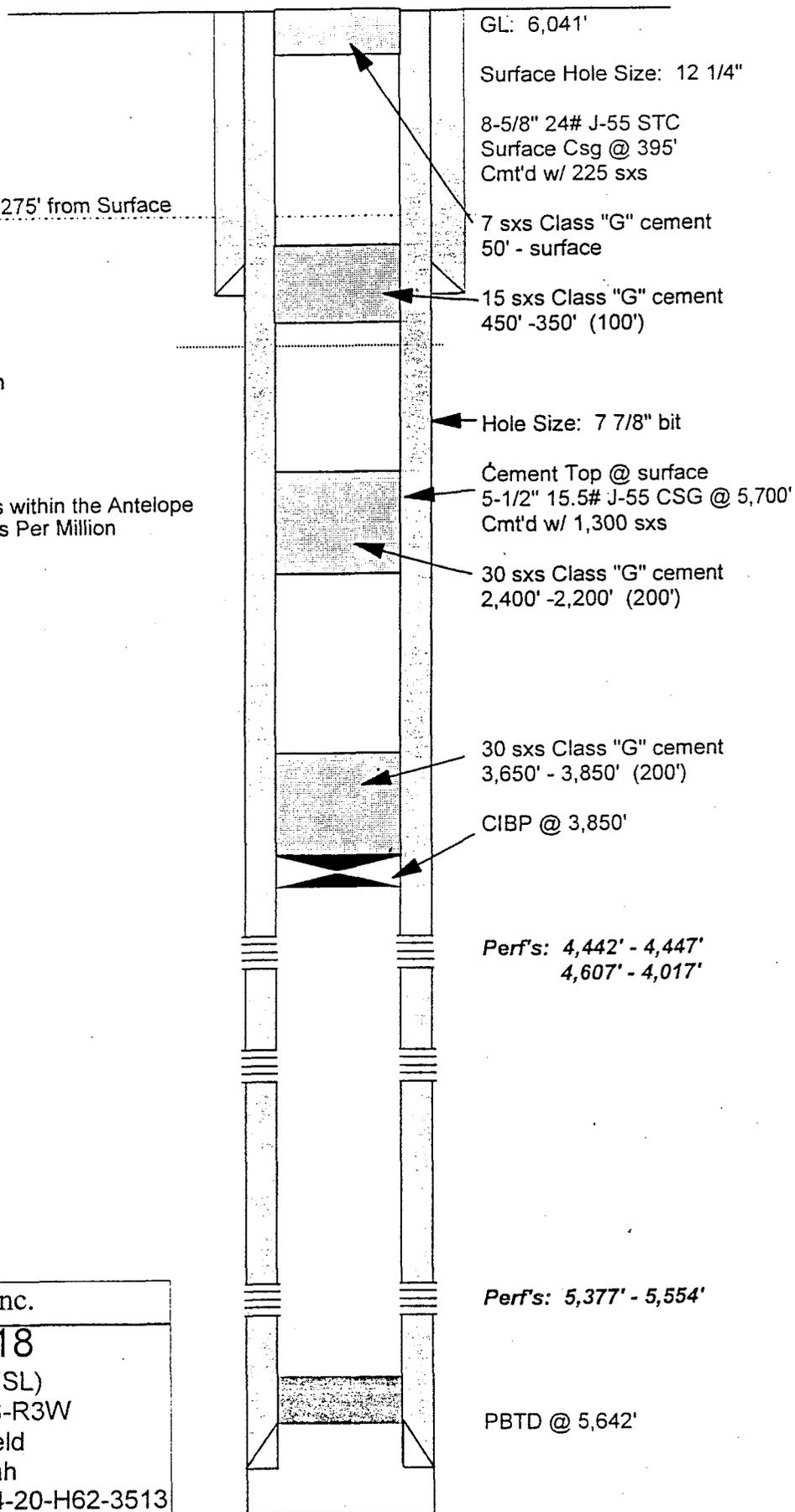
No USDW found in Uinta Formation

Estimated Base USDW 275' from Surface  
See Map Section E.

Top Green River Formation @ 1,502'

No USDW found in Green River Formation

Average Total Dissolved Solids in 21 wells within the Antelope  
Creek Project Area equals 16,722.55 Parts Per Million  
(See Exhibit 2 this section)



GL: 6,041'

Surface Hole Size: 12 1/4"

8-5/8" 24# J-55 STC  
Surface Csg @ 395'  
Cmt'd w/ 225 sxs

7 sxs Class "G" cement  
50' - surface

15 sxs Class "G" cement  
450' -350' (100')

Hole Size: 7 7/8" bit

Cement Top @ surface  
5-1/2" 15.5# J-55 CSG @ 5,700'  
Cmt'd w/ 1,300 sxs

30 sxs Class "G" cement  
2,400' -2,200' (200')

30 sxs Class "G" cement  
3,650' - 3,850' (200')

CIBP @ 3,850'

Perf's: 4,442' - 4,447'  
4,607' - 4,017'

Perf's: 5,377' - 5,554'

PBSD @ 5,642'

<p>Inland Resources Inc.</p> <p><b>Ute Tribal 5-18</b> (667' FEL &amp; 2,151' FSL) NE SE Section 18-5TS-R3W Antelope Creek Field Duchesne Co, Utah API #43-013-31180; Lease #14-20-H62-3513</p>
---

( Not to Scale )

JUL 18 1994

# FINAL STATEMENT OF BASIS

PETROGLYPH OPERATING COMPANY, INC.

ANTELOPE CREEK WATERFLOOD

DUCHESNE COUNTY, UTAH

EPA AREA PERMIT NO. UT2736-00000

CONTACT: John Carson  
U. S. Environmental Protection Agency  
UIC Implementation Section, 8WM-DW  
999 18th Street, Suite 500  
Denver, Colorado 80202-2466  
Telephone: (303) 293-1435

## DESCRIPTION OF FACILITY AND BACKGROUND INFORMATION:

On March 1, 1994, Petroglyph Operating Company, Inc., made application for an area underground injection control (UIC) permit for the injection of water supplied by shallow water supply wells into multiple sands within the Green River Formation. This permit application is for the conversion of four (4) existing oil/gas wells to enhanced oil recovery wells so that Petroglyph may economically produce oil from the Antelope Creek Field. The total dissolved solids (TDS) content of the injection water from a current water supply well is 9,885 milligrams per liter (mg/l); additional water supply wells will be drilled as needed. Water analyses of produced water from twenty-one wells within the proposed waterflood area indicate the multiple sands of the Green River Formation to have TDS contents ranging from 10,106 to 25,708 mg/l, with an average TDS of 16,722 mg/l.

**THIS AREA PERMIT ALSO PROVIDES FOR THE CONVERSION OF ADDITIONAL HYDROCARBON PRODUCING WELLS AND THE CONSTRUCTION OF NEW ENHANCED RECOVERY INJECTION WELLS.**

The area covered by the application is the Antelope Creek Field with the boundaries defined as follows:

Township 5 South, Range 3 West, Duchesne County, Utah

Sections 2, 3, 4, 5, 6 (SE/4 of SE/4), 7, 8, 9, 10, 15, 16, 17, 18, 19, 20, 21, 28, 29, 30, 31, 32, and 33.

The Area of Review (AOR) is defined as that area subtended by a line drawn one-quarter (1/4) mile beyond and around the boundaries described above. The Sections in T5S-R3W listed above are within the boundaries of the Uintah-Ouray Indian Reservation.

The first wells to be converted from production wells to enhanced recovery injection wells in the Green River Formation are listed below:

<u>NAME</u>	<u>LOCATION</u>	<u>EPA PERMIT NO.</u>
Ute Tribal #1-8	NW NW Section 8	UT2736-04201
Ute Tribal #5-8	SE NW Section 8	UT2736-04203
Ute Tribal #4-18	NW NE Section 18	UT2736-04202
Ute Tribal #5-18	NE SE Section 18	UT2736-04204

Petroglyph Operating has submitted all required information and data necessary for permit issuance in accordance with 40 CFR Parts 144, 146 and 147, and a draft permit has been prepared. The permit will be issued for the operating life of the waterflood, unless the permit is terminated for reasonable cause (40 CFR §144.39, §144.40 and §144.41). However, the permit will be reviewed every five years.

This Statement of Basis gives the derivation of the site-specific permit conditions and reasons for them. The referenced sections and conditions correspond to the sections and conditions in Area Permit UT2736-00000. The general permit conditions for which the content is mandatory and not subject to site-specific differences (based on 40 CFR Parts 144, 146 and 147), are not included in the discussion.

## PART II, Section A WELL CONSTRUCTION REQUIREMENTS

### Casing and Cementing

(Condition 1)

Casing and cementing details for the four initial wells to be converted to injection for the Antelope Creek Waterflood Project were submitted with the permit application. Well construction is as follows:

#### Ute Tribal #1-8

- (1) Surface casing (8-5/8 inch) is set in a 12-1/4 inch diameter hole to a depth of 421 feet Kelly Bushing (KB). The cement used to secure the casing was circulated to the surface, isolating the casing from the wellbore.

- (2) Long string casing (5-1/2 inch) is set in a 7-7/8 inch diameter hole to a depth of 6,400 feet KB. The cement used to secure this casing extends from the casing shoe, up to a depth of 1,404 feet.

Ute Tribal #5-8

- (1) Surface casing (13-3/8 inch) is set in a 17-1/2 inch diameter hole to a depth of 34 feet KB. The cement used to secure the casing was circulated to surface, isolating the casing from the wellbore.
- (2) Intermediate casing (8-5/8 inch) is set in a 12-1/4 inch diameter hole to a depth of 392 feet KB. The cement used to secure this casing extends from the casing shoe to the surface.
- (3) Long string casing (5-1/2 inch) is set in a 7-7/8 inch diameter hole to a depth of 6,346 feet KB. The cement used to secure this casing extends from the casing shoe to the surface.

Ute Tribal #4-18

- (1) Surface casing (13-3/8 inch) is set in a 17-1/2 inch diameter hole to a depth of 25 feet KB. The cement used to secure the casing was circulated to surface, isolating the casing from the wellbore.
- (2) Intermediate casing (8-5/8 inch) is set in a 12-1/4 inch diameter hole to a depth of 400 feet KB. The cement used to secure this casing extends from the casing shoe to the surface.
- (3) Long string casing (5-1/2 inch) is set in a 7-7/8 inch diameter hole to a depth of 5,110 feet KB. The cement used to secure this casing extends from the casing shoe to the surface.

Ute Tribal #5-18

- (1) Surface casing (8-5/8 inch) is set in a 12-1/4 inch diameter hole to a depth of 395 feet KB. The cement used to secure the casing was circulated to the surface, isolating the casing from the wellbore.
- (2) Long string casing (5-1/2 inch) is set in a 7-7/8 inch diameter hole to a depth of 5,700 feet KB. The cement used to secure this casing extends from the casing shoe to the surface.

The Uinta Formation extends from the surface to an average depth of 1,410 feet. The base of the lowermost possible underground source of drinking water (USDW) containing total dissolved solids of less than 10,000 mg/l occurs in the Uinta Formation and is near ground surface in the northern part of the waterflood area, but descends to a depth of approximately 1,200 feet in the southern part of the area. The four wells initially to be converted are cemented to sufficient height behind surface and long string production casings to preclude any migration of injected fluids up hole into any USDW within the Uinta Formation. The source for this USDW information is formation water analyses submitted by the operator for twenty-two wells within the AOR, and information from Technical Publication No. 92 (1987), prepared jointly by the USGS and the Utah Division of Oil, Gas, and Mining.

The injection intervals in the initial four wells are between the depths of 3,974 and 5,554 feet, some 2,500 feet below the top of the Green River Formation which is at an average depth of 1,410 feet. The injection zones are composed of lenticular calcareous sandstones interbedded with low permeable carbonates and calcareous shales. The lenticular sandstones vary in thickness from 1 to 30 feet. The overall confining strata above the injection zones consist of impermeable Green River calcareous shales and continuous beds of microcrystalline dolomite. All injection zones in these four wells as well as in future conversion wells will be confined within a 2,100 foot section between the Green River "A" Lime marker bed and the top of the Basal Carbonate in the lower part of the formation.

#### Requirements for Additional Wells

(Condition 2)

The permittee may convert and/or construct other wells to enhanced recovery injection wells within the Area Permit boundary, provided that additional wells meet all conditions as set forth in this permit. Additional wells must have surface casing cemented to the surface; and cement behind the long string casing, below the injection zone and up to 300 feet above the uppermost perforations. The permittee shall also conduct appropriate downhole logging, and other tests, during the conversion and/or construction of any new enhanced recovery injection wells. For newly constructed wells, the permittee shall run a cement bond log (CBL)-variable density log (VDL)-gamma ray log (GR) from total depth (TD) to the base of the surface casing shoe. Additional logs to be run are a Dual Induction log, Density-Neutron and/or Sonic log. Along with this suite of logs, or any other pertinent logs, the permittee shall include appropriate narrative interpretations by a log analyst.

The permittee will determine the injection zone fluid pore pressure (static bottom-hole pressure) and will obtain an accurate injection zone fracture pressure, breakdown pressure,

and instantaneous shut-in pressure (ISIP) through injectivity testing of the injection zones. This testing may be performed prior to full operation, or within three months after injection operations are initiated. Also, an estimate of injection zone permeability and water quality of the formation fluid will be determined.

Any proposal for additional well conversions or new well construction must first be approved by the Director, and no action may be taken by the permittee until written authorization is received from the Director.

Tubing and Packer Specifications

(Condition 3)

The injection wells will be equipped with 2-7/8 inch tubing and packers set above the injection zones. The permittee is required to set packers at a distance of no more than 100 feet above the uppermost perforations in each well. This information (Appendix A) submitted by the applicant is incorporated into the permit and shall be binding on the permittee.

Monitoring Devices

(Condition 4)

For the purpose of taking tubing and tubing/long string casing annulus pressure measurements, the EPA is requiring that the permittee install 1/2-inch fittings (for stab type pressure receptacle) with cut-off valves at the wellhead on the tubing, and on the tubing/casing annulus.

EPA is further requiring the permittee to install a sampling tap on the line to each injection well and a flow meter that will be used to measure rate and cumulative volume of injected fluid.

Formation Testing and Logging

(Condition 6)

- a. Testing. Upon conversion and/or construction of each well, the permittee is required to determine the injection zone fluid pore pressure (static bottom hole pressure) prior to commencement of disposal operations.
- b. Step-Rate Test. A step-rate injectivity test shall be performed on at least one (1) of the initial proposed injection wells to determine the formation parting pressure and the results submitted to the EPA. This testing may be performed prior to full operation, or within three (3) months after injection operations are initiated.
- c. Logging. The permittee shall conduct appropriate down-hole logging prior to the setting of production casing on all newly constructed wells. The following suite of logs are required; Dual Induction (DIL) and

Compensated Density/Neutron (CNL-FDC). A Cement Bond/Gamma Ray log shall be run after casing is set. All logging results shall be accompanied by a brief written narrative (prepared by a knowledgeable log analyst) identifying the USDWs, formation tops, confining layers, injection zones and top of cement.

## PART II, Section B CORRECTIVE ACTION

The applicant submitted the required 1/4-mile area of review (AOR) information with the permit application. Within the AOR there are forty-nine (49) production wells, five (5) plugged and abandoned wells, and one (1) permitted injection well (EPA Permit UT2497-03100). The long string casing/wellbore annulus in 23 of the production wells, and in the permitted injection well, is cemented from the casing shoe to ground surface; the remaining 26 production wells are cemented a minimum of 500 feet above the top of the Green River perforated intervals. The casing and cement in all of the production wells and the currently permitted well will prevent the migration of injected fluids up hole into any of the shallower Uinta Formation USDWs. The five plugged and abandoned wells within the AOR were plugged in such a manner that will also prevent any endangerment to USDWs. Therefore, the permittee is not required to take any corrective action prior to the issuance of this permit.

## PART II, Section C WELL OPERATION

### Prior to Commencing Injection (Initial Wells) Condition 1)

Injection operations shall not commence until the permittee has complied with the following:

- a. Conversion is complete and permittee has submitted a Well Rework Record (EPA Form 7520-12).
- b. Determined the injection zone fluid pore pressure.
- c. The well successfully passes a mechanical integrity pressure test (MIT) according to the guidelines discussed in the permit, and is witnessed by a representative of the EPA.

### Prior to Commencing Injection (Additional Wells) (Condition 2)

Enhanced recovery injection through any additional wells (converted and/or newly constructed) may not commence until the permittee has complied with both (a) and (b) below:

- a. All required formation testing and logging has been performed in accordance with Part II, A. 6., conversion

and/or construction is complete and the permittee has submitted the appropriate forms. These forms are EPA Form 7520-12 for conversion wells and EPA Form 7520-10 for newly constructed wells.

- b. The permittee demonstrates that a given well(s) has mechanical integrity in accordance with 40 CFR §146.8 and Part II, C. 3.(a), and the permittee has received notice from the Director that such a demonstration is satisfactory. The permittee shall notify EPA two weeks prior to conducting this test so that an authorized representative may be present to witness the test.

Mechanical Integrity (Subsequent to Initial Demonstration) (Condition 3)

A tubing/casing annulus pressure test must be repeated at least once every five (5) years to demonstrate continued tubing, packer, and casing integrity.

Injection Interval (Condition 4)

Fluid injection shall be limited to the gross interval within the Green River Formation between the approximate depths of 3,750 feet to 5,850 feet.

Injection Pressure Limitation (Condition 5)

The permittee shall limit the maximum surface injection pressure to 1900 psig. Permit provisions have been made that allow the Director to **increase or decrease** the injection pressure, based on the results of a step-rate test (SRT) showing that the new requested pressure will not exceed the formation breakdown pressure. The Director will specify in writing, to the permittee, any increase or decrease to the injection pressure based upon the test results and/or other parameters reflecting actual injection operations.

The permittee submitted fracture treatment data from the four initial wells to be converted. An average fracture gradient of 0.97 psig/ft for Green River sands was obtained from these treatments; however, a more conservative gradient of 0.88 psig/ft will be used to determine a maximum injection pressure. This latter gradient was obtained from a step-rate test of the Green River in the Ute Tribal #2-4 permitted well. The well depth (d) used in the calculation is the average depth of the shallowest injection intervals in the initial four wells. The Maximum surface injection pressure (Pm) was calculated as follows:

$$P_m = [0.88 - 0.433 (S_g)] d$$

Where: Pm = Maximum surface injection pressure  
at wellhead  
d = 4310 feet (average depth, top  
perforations in four initial wells)  
0.433 = hydrostatic gradient of water  
Sg = Specific gravity of injected fluid

$$P_m = [0.88 - 0.433(1.00)] 4310$$

$$P_m = 1926 \text{ psig}$$

#### Injection Volume Limitation

(Condition 6)

The daily injection rate will not be limited, but in no case shall the injection pressure exceed that listed in Part II, Section C, (Condition 5), above. There shall be no limit on the cumulative number of barrels of water that may be injected into the Green River Formation.

#### Injection Fluid Limitation

(Condition 7)

Injection fluids are limited to those which are identified in 40 CFR §144.6(b)(2), as fluids used for enhanced recovery of oil and/or natural gas. The permittee shall provide a listing of the sources of injected fluids on an annual basis as required by the permit.

## PART II, Section D MONITORING, RECORD KEEPING, AND REPORTING OF RESULTS

#### Injection Well Monitoring Program

(Condition 1)

The permittee is required to monitor water quality of the injected fluids on an annual basis. A water sample of injected fluids shall be analyzed for total dissolved solids, pH, specific conductivity, and specific gravity. Any time there is a change in the source of injection fluid, a new water quality analysis is also required. This analysis is required to be reported to EPA annually. In addition, weekly observations of flow rate, cumulative volume, injection pressure, and annulus pressure will be made. At least one observation each for flow rate, injection pressure, annulus pressure, and cumulative volume will be recorded on a monthly basis. This record is required to be reported to EPA annually.

The permittee shall maintain copies (or originals) of all pertinent records at the office of Petroglyph Operating Company, Inc., 6209 North Highway 61, Hutchinson, Kansas 67502.

## PART II, Section E PLUGGING AND ABANDONMENT

### Plugging and Abandonment Plan

(Condition 2)

The plugging and abandonment plans submitted by the applicant, are incorporated into the permit, (Appendix C of the Permit) and shall be binding on the permittee. These plans have been reviewed and are consistent with UIC requirements.

### Plugging of Additional Wells

(Condition 5)

The permittee may plug any additional injection wells within the permitted area, converted or constructed under Part II Section A, provided that the respective plugging and abandonment plans meet all conditions as set forth in the permit. Plugging and abandonment shall not occur until the EPA has reviewed and approved the plan(s).

## PART II, Section F FINANCIAL RESPONSIBILITY

### Demonstration of Financial Responsibility

(Condition 1)

Petroglyph Operating Company, Inc. has chosen to demonstrate financial responsibility by a Surety Bond and Standby Trust Agreement, both of which have been evaluated and approved.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

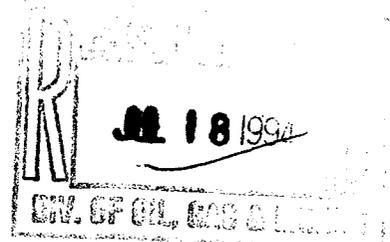
REGION VIII

999 18th STREET - SUITE 500  
DENVER, COLORADO 80202-2466

JUL 14 1994

Ref: 8WM-DW

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**



R. A. Christensen  
President  
Petroglyph Operating Company, Inc.  
6209 North Highway 61  
Hutchinson, Kansas 67502

RE: UNDERGROUND INJECTION CONTROL (UIC)  
Final Area Permit for the  
Antelope Creek Field Waterflood  
EPA Area Permit No. UT2736-00000  
Duchesne County, Utah

Dear Mr. Christensen:

Enclosed is the Final Underground Injection Control Area Permit for the Antelope Creek Field Waterflood. The first four wells included in the permit to be utilized as injection wells for the purpose of enhanced recovery are the Ute Tribal #1-8, #5-8, #4-18, and #5-18. A Final Statement of Basis, which discusses development of the Permit is also included.

The public comment period for the proposed permit action ended July 8, 1994. There were no comments from the public, surface landowner, or from your office; therefore, the final permit action is to become effective upon the date of issuance.

Following completion of the well conversions, but prior to commencement of injection operations, each well must undergo and pass a mechanical integrity pressure test. A two (2) week notice of each scheduled test is required so that we can arrange to witness it. Please contact John Carson, telephone (303) 293-1435, in this regard. Also, please direct all correspondence to the attention of John Carson at Mail Code 8WM-DW.

Sincerely,

Max H. Dodson  
Director  
Water Management Division

Enclosures: Final Area Permit  
Final Statement of Basis



cc: John E. Dyer w/enclosures  
Land Resources, Inc.

Luke Duncan w/enclosures  
Northern Ute Tribe

Ferron Secakuku w/enclosures  
Northern Ute Tribe

Norman Cambridge w/enclosures  
Bureau of Indian Affairs

Charles H. Cameron w/enclosures  
Bureau of Indian Affairs

Jerry Kenczka w/enclosures  
Bureau of Land Management

Gilbert Hunt w/enclosures  
State of Utah Natural Resources  
Division of Oil, Gas and Mining

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

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

5. Lease Designation and Serial No. 14-20-H62-3513
6. If Indian, Allottee or Tribe Name Ute Indian Tribe
7. If Unit or CA, Agreement Designation
8. Well Name and No. Ute Tribal 4-18
9. API Well No. 43-013-31099
10. Field and Pool, or Exploratory Area Antelope Creek
11. County or Parish, State Duchesne County, UT

Type of Well: Oil Well, Gas Well, Other
Name of Operator: Petroglyph Operating Company, Inc.
Address and Telephone No.: 6209 N. Highway 61 Hutchinson, KS 67502 (316) 665-8500
Location of Well (Footage, Sec., T., R., M., or Survey Description): 812' FNL & 1768' FEL NW NE Sec. 18-T5S-R3W

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

TYPE OF SUBMISSION: Notice of Intent, Subsequent Report, Final Abandonment Notice
TYPE OF ACTION: Abandonment, Recompletion, Plugging Back, Casing Repair, Altering Casing, Other, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-Off, Conversion to Injection, Dispose Water

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

Further to BIM and EPA approval (Permit # UT2736-00000), this well has been converted to injection. A completed well diagram and job summary are enclosed.

OCT 3

I hereby certify that the foregoing is true and correct
Signed: [Signature] Title: President Date: 8-5-94
This is for Federal or State or Indian Use
Approved by: [Signature] Title: Date: AUG 19 1994
Conditions of approval, if any:

NOTED

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



m 3160-5  
ne 19'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

- 5. Lease Designation and Serial No.  
14-20-H62-3513
- 6. If Indian, Allottee or Tribe Name  
Ute Indian Tribe
- 7. If Unit or CA, Agreement Designation
- 8. Well Name and No.  
Ute Tribal 4-18
- 9. API Well No.  
43-013-31099
- 10. Field and Pool, or Exploratory Area  
Antelope Creek
- 11. County or Parish, State  
Duchesne County, UT

SUBMIT IN TRIPLICATE

Type of Well  
 Oil Well     Gas Well     Other

Name of Operator  
 Petroglyph Operating Company, Inc.

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

Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 812' FNL & 1768' FEL  
 NW NE Sec. 18-T5S-R3W

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>begin injection</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

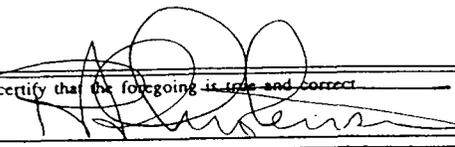
Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this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

Enclosed please find an MIT performed on August 19, 1994 for the above referenced well. Injection commencing on 8-24-94 per EPA approval.

OCT 3

SEP 09 1994

I hereby certify that the foregoing is true and correct

Signature:  Title: President Date: 8-23-94

(Title for Federal State or Local) **NOTED** Date: SEP 09 1994

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Conditions of approval, if any:

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

# Mechanical Integrity Test Casing/Annulus Pressure Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Implementation Section, OWM-DW  
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: NONE Date 8/19/94 Time 11:55 any

Test conducted by: LOYD BAUM

Others present: \_\_\_\_\_

Well name	<u>UTE TRIBAL 4-18</u>	EPA Number	<u>UT-2736-04202</u>
Field name	<u>ANTELOPE CREEK</u>		
Location	qtr qtr: _____	Section; _____	Township; _____ Range _____
Owner/Operator	<u>P.O.C.I.</u>		

Time	Test #1		Test #2		Test #3
0 min	<u>500</u>	psig	_____	psig	_____ psig
5	<u>500</u>		_____		_____
10	<u>500</u>		_____		_____
15	<u>500</u>		_____		_____
20	<u>500</u>		_____		_____
25	<u>500</u>		_____		_____
30 min	<u>500</u>		_____		_____
35	<u>500</u>		_____		_____
40	<u>500</u>		_____		_____
45	<u>495</u>		_____		_____
50	<u>495</u>		_____		_____
55	<u>495</u>		_____		_____
60 min	_____		_____		_____

Tubing press 0 psig \_\_\_\_\_ psig \_\_\_\_\_ psig

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of Witness: Don Lindsay

App. Cont.

rm 3160-5  
inc

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.  
14-20-H62-3513

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

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
Ute Tribal 4-18

Name of Operator  
Petroglyph Operating Company, Inc.

9. API Well No.  
43-013-31099

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

10. Field and Pool, or Exploratory Area  
Antelope Creek

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

812' FNL & 1768' FEL  
NW NE Sec. 18-T5S-R3W

11. County or Parish, State  
Duchesne County, UT

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other begin injection

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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

Enclosed please find an MIT performed on August 19, 1994 for the above referenced well. Injection commencing on 8-24-94 per EPA approval.

RECEIVED  
SEP 02 1994

OCT 3

I hereby certify that the foregoing is true and correct

Signed [Signature] Title President

Date 8-23-94

(This is for Federal or State office use)

Approved by [Signature] Title \_\_\_\_\_

Date SEP 09 1994

Comments of approval, if any:

**NOTED**

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

\*See instruction on Reverse Side

# Mechanical Integrity Test Casing/Annulus Pressure Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Implementation Section, OWM-DW  
999 18th Street, Suite 500, Denver, CO 80202-2456

EPA Witness: NONE Date 8/19/94 Time 11:55 am

Test conducted by: LOYD BAUM

Others present: \_\_\_\_\_

Well name	<u>UTE TRIBAL 4-18</u>	EPA Number	<u>UT-2736-04202</u>
Field name	<u>ANTELOPE CREEK</u>		
Location	qtr: qtr: _____	Section: _____	Township: _____ Range _____
Owner/Operator	<u>POCI</u>		

Time	Test #1	Test #2	Test #3
0 min	<u>500</u> psig	_____ psig	_____ psig
5	<u>500</u>	_____	_____
10	<u>500</u>	_____	_____
15	<u>500</u>	_____	_____
20	<u>500</u>	_____	_____
25	<u>500</u>	_____	_____
30 min	<u>500</u>	_____	_____
35	<u>500</u>	_____	_____
40	<u>500</u>	_____	_____
45	<u>495</u>	_____	_____
50	<u>495</u>	_____	_____
55	<u>495</u>	_____	_____
60 min	_____	_____	_____

Tubing press 0 psig \_\_\_\_\_ psig \_\_\_\_\_ psig

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of Witness: Don Lindsay

January 26, 1996

John Carson  
United States EPA  
U.I.C. Program  
999 18th Street, Ste. 500  
Denver, CO 80202-2466

RE: Well Name Change for Wells in the Antelope Creek Field, Duchesne County, UT  
EPA Area Permit # UT2736-00000

Mr. Carson:

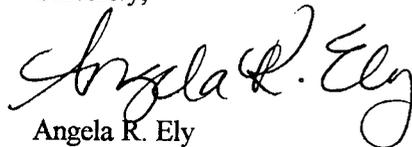
In an effort to bring all of the existing wells and wells to be drilled into a uniform numbering system, based on 40 acre locations and 16 wells per section, each well name will be changed to consist of its section location followed by the correct number of its well spot.

We are making this change effective January 1, 1996. Following is a list consisting of the "old" well names and the "new" well names of SWD, enhanced recovery and injection wells.

<u>NEW WELL NAME</u>	<u>OLD</u>	<u>LOCATION</u>	<u>PERMIT #</u>
Ute Tribal 04-07	2-4	SW NE Sec. 4-T5S-R3W	UT2497-03100
Ute Tribal 08-04	1-8	NW NW Sec. 8-T5S-R3W	UT2736-04201
Ute Tribal 08-06	5-8	SE NW Sec. 8-T5S-R3W	UT2736-04203
Ute Tribal 18-02	4-18	NW NE Sec. 18-T5S-R3W	UT2736-04202
Ute Tribal 18-09	5-18	NE SE Sec. 18-T5S-R3W	UT2736-04204
Ute Tribal 29-09	1-29	SE/4 Sec. 29-T5S-R3W	UT2736-04233
Ute Tribal 05-10	3-5 E3	SE/4 Sec. 5-T5S-R3W	UT2736-04234

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

Sincerely,



Angela R. Ely  
Administrative Operations Manager

ARE/ms

Enclosure

pc: Mr. Gil Hunt  
State of Utah Natural Resources  
Division of Oil, Gas & Mining

January 26, 1996

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

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

Mr. Firth:

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

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

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

Sincerely,



Angela R. Ely  
Administrative Operations Manager

ARE/ms

Enclosures

pc: Dennis Ingram  
Lisha Cordova

## 96WELLÇ.XLS

AgrmtNbr	LeaseNbr	LeaseName	Old	New	API	Footage	Field	Town	Range	Sec	Qtr
14-20-H62-4650	14-20-H62-3509	Ute Tribal	1-10	10-12	43-013-30805	2001 FSL & 600 FWL	Antelope Creek	5S	3W	10	NWSW
14-20-H62-4650	14-20-H62-3510	Ute Tribal	1-15	15-04	43-013-30880	907 FNL & 615 FWL	Antelope Creek	5S	3W	15	NWNW
14-20-H62-4650	14-20-H62-3511	Ute Tribal	1-16	16-16	43-013-30804	505 FSL & 600 FEL	Antelope Creek	5S	3W	16	SESE
14-20-H62-4650	14-20-H62-4639	Ute Tribal	1-17	17-01	43-013-30790	638 FNL & 610 FEL	Antelope Creek	5S	3W	17	NENE
14-20-H62-4650	14-20-H62-3513	Ute Tribal	1-18	18-01	43-013-30761	550 FNL & 521 FEL	Antelope Creek	5S	3W	18	NENE
14-20-H62-4650	14-20-H62-3514	Ute Tribal	1-19	19-16	43-013-30803	556 FSL & 603 FEL	Antelope Creek	5S	3W	19	SESE
14-20-H62-4650	14-20-H62-3515	Ute Tribal	1-20	20-02	43-013-30764	404 FNL & 1539 FEL	Antelope Creek	5S	3W	20	NWNE
14-20-H62-4650	14-20-H62-3516	Ute Tribal	1-21	21-13	43-013-30883	611 FSL & 786 FWL	Antelope Creek	5S	3W	21	SWSW
14-20-H62-4650	14-20-H62-3517	Ute Tribal	1-28	28-05	43-013-30802	2583 FNL & 712 FWL	Antelope Creek	5S	3W	28	SWNW
14-20-H62-4650	14-20-H62-3518	Ute Tribal	1-29 inj	29-09 inj	43-013-30763	1324 FSL & 1160 FEL	Antelope Creek	5S	3W	29	NESE
14-20-H62-4650	14-20-H62-3502	Ute Tribal	1-3	03-13	43-013-30823	659 FSL & 659 FWL	Antelope Creek	5S	3W	3	SWSW
14-20-H62-4650	14-20-H62-3519	Ute Tribal	1-30	30-07	43-013-30852	1980 FNL & 1980 FEL	Antelope Creek	5S	3W	30	SWNE
14-20-H62-4650	14-20-H62-3520	Ute Tribal	1-31	31-02	43-013-30827	519 FNL & 1942 FEL	Antelope Creek	5S	3W	31	NWNE
14-20-H62-4650	14-20-H62-3521	Ute Tribal	1-32	32-08	43-013-30853	2100 FNL & 660 FEL	Antelope Creek	5S	3W	32	SENE
14-20-H62-4650	14-20-H62-3522	Ute Tribal	1-33	33-04	43-013-30806	723 FNL & 802 FWL	Antelope Creek	5S	3W	33	NWNW
14-20-H62-4650	14-20-H62-3503	Ute Tribal	1-4	04-01	43-013-30762	1331 FNL & 1277 FEL	Antelope Creek	5S	3W	4	NENE
14-20-H62-4650	14-20-H62-3504	Ute Tribal	1-5	05-07	43-013-30785	2430 FNL & 1777 FEL	Antelope Creek	5S	3W	5	SWNE
14-20-H62-4650	14-20-H62-3505	Ute Tribal	1-6	06-16	43-013-30793	833 FSL & 902 FEL	Antelope Creek	5S	3W	6	SESE
14-20-H62-4650	14-20-H62-3506	Ute Tribal	1-7	07-14	43-013-30788	559 FSL & 1957 FWL	Antelope Creek	5S	3W	7	SESW
14-20-H62-4650	14-20-H62-3507	Ute Tribal	1-8 inj	08-04 inj	43-013-30759	754 FNL & 888 FWL	Antelope Creek	5S	3W	8	NWNW
14-20-H62-4650	14-20-H62-3504	Ute Tribal	11-5	05-09	43-013-31468	2150 FSL & 639 FEL	Antelope Creek	5S	3W	5	NESE
14-20-H62-4650	14-20-H62-3517	Ute Tribal	12-28	28-12	43-013-31629	1861 FSL & 496 FWL	Antelope Creek	5S	3W	28	NWSW
14-20-H62-4650	14-20-H62-3503	Ute Tribal	12-4	04-12	43-013-31470	2000 FSL & 600 FWL	Antelope Creek	5S	3W	4	NWSW
14-20-H62-4650	14-20-H62-3504	Ute Tribal	12-5	05-11	43-013-31454	1856 FSL & 1457 FWL	Antelope Creek	5S	3W	5	NESW
14-20-H62-4650	14-20-H62-3507	Ute Tribal	13-8	08-13	43-013-31468	660 FSL & 660 FWL	Antelope Creek	5S	3W	8	SWSW
14-20-H62-4650	14-20-H62-3518	Ute Tribal	14-29	29-10	43-013-31475	1955 FSL & 2125 FEL	Antelope Creek	5S	3W	29	NWSE
14-20-H62-4650	14-20-H62-3504	Ute Tribal	14-5	05-14	43-013-31455	590 FSL & 1984 FWL	Antelope Creek	5S	3W	5	SESW
14-20-H62-4650	14-20-H62-3518	Ute Tribal	15-29	29-15	43-013-31530	649 FSL & 1831 FEL	Antelope Creek	5S	3W	29	SWSE
14-20-H62-4650	14-20-H62-3504	Ute Tribal	15-5	05-15	43-013-31461	990 FSL & 1900 FEL	Antelope Creek	5S	3W	5	SWSE
14-20-H62-4650	14-20-H62-3506	Ute Tribal	16-5	05-16	43-013-31627	708 FSL & 523 FEL	Antelope Creek	5S	3W	5	SESE
14-20-H62-4650	14-20-H62-3507	Ute Tribal	16-7	07-16	43-013-31463	440 FSL & 410 FEL	Antelope Creek	5S	3W	7	SESE
14-20-H62-4650	14-20-H62-3509	Ute Tribal	1A-8	08-01	43-013-31568	660 FSL & 660 FEL	Antelope Creek	5S	3W	8	NENE
14-20-H62-4650	14-20-H62-3511	Ute Tribal	2-10	10-03	43-013-31187	600 FNL & 1650 FWL	Antelope Creek	5S	3W	10	NENW
14-20-H62-4650	14-20-H62-3513	Ute Tribal	2-16	16-13	43-013-31166	750 FSL & 500 FWL	Antelope Creek	5S	3W	16	SWSW
14-20-H62-4650	14-20-H62-3515	Ute Tribal	2-18	18-08	43-013-30881	1929 FNL & 612 FEL	Antelope Creek	5S	3W	18	SENE
14-20-H62-4650	14-20-H62-3518	Ute Tribal	2-20	20-07	43-013-30882	1980 FNL & 1980 FEL	Antelope Creek	5S	3W	20	SWNE
14-20-H62-4650	14-20-H62-3518	Ute Tribal	2-29	29-16	43-013-30849	500 FSL & 500 FEL	Antelope Creek	5S	3W	29	SESE
14-20-H62-4650	14-20-H62-3502	Ute Tribal	2-3	03-14	43-013-31097	1050 FSL & 1980 FWL	Antelope Creek	5S	3W	3	SESW
14-20-H62-4650	14-20-H62-3520	Ute Tribal	2-31	31-03	43-013-31188	442 FNL & 2338 FWL	Antelope Creek	5S	3W	31	NENW
14-20-H62-4650	14-20-H62-3503	Ute Tribal	2-4 inj	04-07 inj	43-013-30879	2551 FNL & 1900 FEL	Antelope Creek	5S	3W	4	SWNE
14-20-H62-4650	14-20-H62-3504	Ute Tribal	2-5	05-13	43-013-30824	723 FSL & 588 FWL	Antelope Creek	5S	3W	5	SWSW
14-20-H62-4650		State	2-6	06-10	43-013-30891	2525 FSL & 1836 FEL	Antelope Creek	5S	3W	6	NW SE
14-20-H62-4650	14-20-H62-3506	Ute Tribal	2-7	07-01	43-013-30825	567 FNL & 706 FEL	Antelope Creek	5S	3W	7	NENE
14-20-H62-4650	14-20-H62-3507	Ute Tribal	2-8	08-05	43-013-30826	1980 FNL & 500 FWL	Antelope Creek	5S	3W	8	SWNW
14-20-H62-4650	14-20-H62-3508	Ute Tribal	2-9	09-01	430-13-30789	770 FNL & 1059 FEL	Antelope Creek	5S	3W	9	NENE
14-20-H62-4650	14-20-H62-3507	Ute Tribal	2A-8	08-02	43-013-31569	506 FNL & 1956 FEL	Antelope Creek	5S	3W	8	NWNE
14-20-H62-4650	14-20-H62-3513	Ute Tribal	3-18	18-03	43-013-31528	614 FNL & 1983 FWL	Antelope Creek	5S	3W	18	NENW

## 96WELLÇ.XLS

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**14-20-H62-3513**

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

**SUBMIT IN TRIPLICATE**

7. If Unit or CA, Agreement Designation

**14-20-H62-4650**

8. Well Name and No.  
**Ute Tribal 4-18**

9. API Well No.  
**43-013-31099**

10. Field and Pool, or Exploratory Area  
**Antelope Creek**

11. County or Parish, State  
**Duchesne County, UT**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**Petroglyph Operating Company, Inc.**

3. Address and Telephone No.

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

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

**NWNE 812 FNL & 1768 FEL  
18-5S-3W**

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

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

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

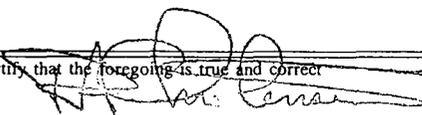
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

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

Petroglyph Operating Company, Inc. would like to notify by subsequent report that the above referenced well name has been changed to Ute Tribal 18-02. This will be effective January 1, 1996.

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

Signed



Title

**President**

Date

**1/25/96**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals

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

<b>SUBMIT IN TRIPLICATE- Other Instructions on reverse side</b>		5. Lease Serial No. <b>1420H623513</b>
1. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <b>INJECTION</b>		6. If Indian, Allottee or Tribe Name <b>UTE TRIBAL</b>
2. Name of Operator <b>PETROGLYPH OPERATING COMPANY, CONTACT: MICHEAL SAFFORD COORDINATOR EMAIL: mikes@petrogllyph.net</b>		7. If Unit or CA Agreement, Name and No. <b>1420H624650</b>
3a. Address <b>P.O. BOX 607 ROOSEVELT, UT 84066</b>	3b. Phone No. (include area code) <b>TEL: 435.722.2531 EXT: FAX: 435.722.9145</b>	8. Lease Name and Well No. <b>UTE TRIBAL 18-02</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>18 Sec 8 T05S R03W NWNE 812FNL 1768FEL</b>		9. API Well No. <b>4301331099</b>
		10. Field and Pool, or Exploratory <b>ANTELOPE CREEK</b>
		11. County or Parish, State <b>DUCHESNE, UT</b>

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

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

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

perforate well with 120 degree phasing and 4 spf at 3792-80'; 4156-68'; 4205-14'; 4442-48'; 4609-21'; and 4708-12';

treat perfs 4609-21 with 538 gallons 15% hcl with additives.  
treat perfs 4205-15 and 4156-68'with 1125 gallons 15% HCL and additives.  
Perform MIT test on 8/18/00 and return well to injection

return to well on 8/23/00 the well had pressure on the casing and tubing the same. set packer at 3410' w/ 10000# compression.  
wait for MIT test (failed)

return to well on 9/1/00 remed packer and run in hole with new arrow set 1 packer. set at 3575' run MIT 9/8/00 passed return well to production.

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

Name (Printed/Typed)	Title
Signature	Date

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

**ELECTRONIC SUBMISSION #2014 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR PETROGLYPH OPERATING COMPANY, SENT TO THE VERNAL FIELD OFFICE**

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: \_\_\_\_\_ Date: 11-14-05

Test conducted by: CHAD STEVENSON

Others present: 43-013-31099 55 310 18

Well Name: <u>18-02</u>	Type: ER SWD	Status: AC TA UC
Field: <u>ANTELOPE CREEK</u>		
Location: <u>18-02</u> Sec: _____ T _____ N/S R _____ E/W County: <u>DUCHESNE</u> State: <u>UT</u>		
Operator: <u>PETROGLYPH OPERATION</u>		
Last MIT: <u>1</u> / <u>1</u>		Maximum Allowable Pressure: _____ PSIG

- Is this a regularly scheduled test?  Yes [ ] No
- Initial test for permit? [ ] Yes [ ] No
- Test after well rework? [ ] Yes [ ] No
- Well injecting during test?  Yes [ ] No

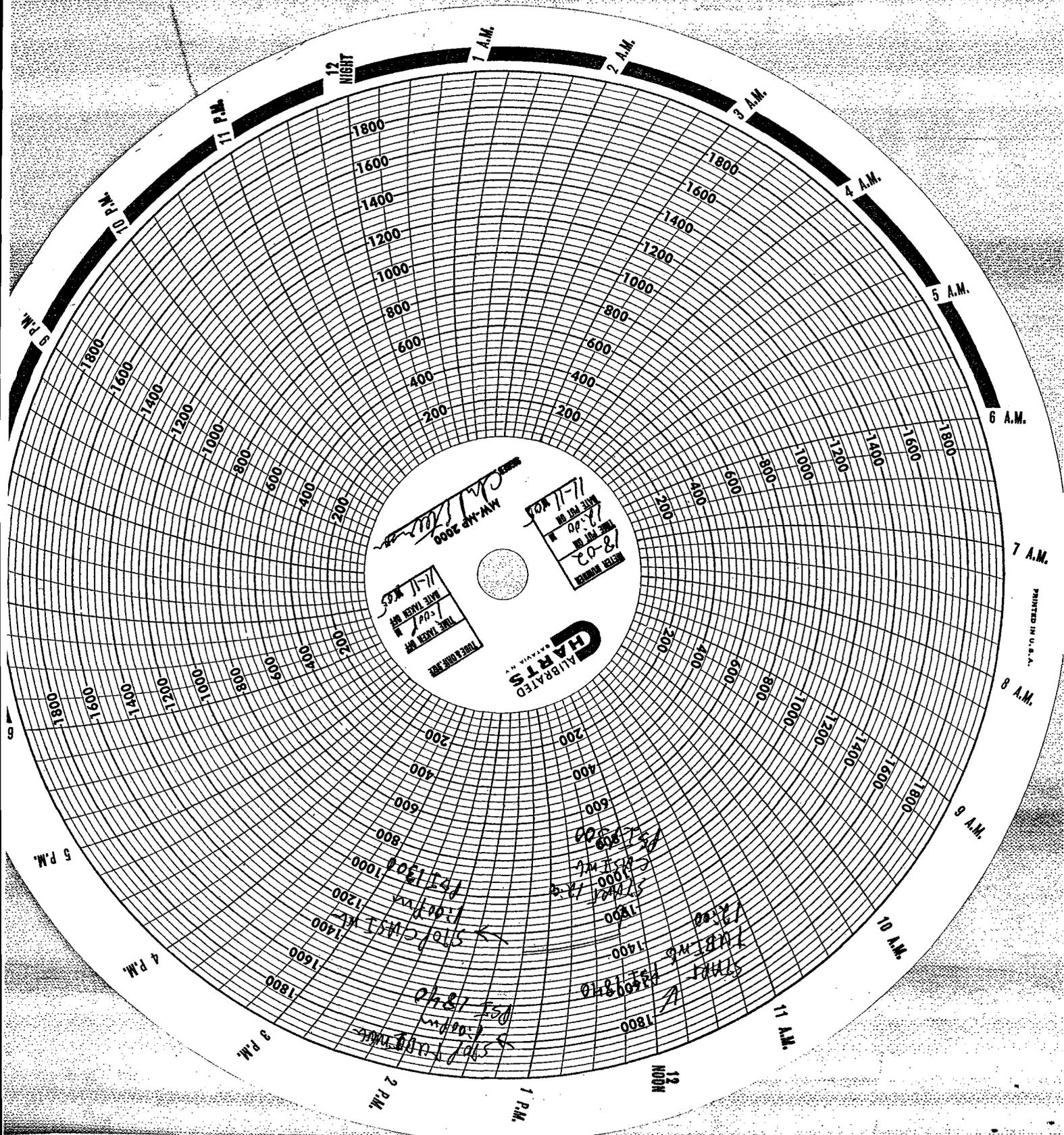
Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

If Yes, rate: 32 bpd

Pre-test casing/tubing annulus pressure: \_\_\_\_\_ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1840</u> psig	psig	psig
End of test pressure	<u>1840</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1300</u> psig	psig	psig
5 minutes	<u>1300</u> psig	psig	psig
10 minutes	<u>1300</u> psig	psig	psig
15 minutes	<u>1300</u> psig	psig	psig
20 minutes	<u>1300</u> psig	psig	psig
25 minutes	<u>1300</u> psig	psig	psig
30 minutes	<u>1300</u> psig	psig	psig
<u>1 Hour</u> minutes	<u>1300</u> psig	psig	psig
minutes	psig	psig	psig
<b>RESULT</b>	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test? [ ] Yes [ ] No



11 P.M.

12 NIGHT

1 A.M.

2 A.M.

3 A.M.

4 A.M.

5 A.M.

6 A.M.

7 A.M.

8 A.M.

9 A.M.

10 A.M.

11 A.M.

12 NOON

1 P.M.

2 P.M.

3 P.M.

4 P.M.

5 P.M.

6 P.M.

7 P.M.

**CHARTS**  
CALIBRATED  
IN CANADA

DATE TAKEN BY  
1-11-71  
MVA-HP 2000

NO. OF STATION  
1-8-02  
STATION NAME  
MVA-HP 2000

STATION NAME  
MVA-HP 2000  
1-11-71  
1200  
1400  
1600  
1800

1800  
1400  
1000  
600  
200  
1-11-71  
MVA-HP 2000

PRINTED IN U.S.A.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3513	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
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.	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK	
<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 18-02	
<b>9. API NUMBER:</b> 43013310990000	
<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK	
<b>9. COUNTY:</b> DUCHESNE	
<b>STATE:</b> UTAH	
<b>1. TYPE OF WELL</b> Water Injection Well	
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO	
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Ave, Ste 500, Bosie, ID, 83703	
<b>PHONE NUMBER:</b> 208 685-7674 Ext	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0812 FNL 1768 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 18 Township: 05.0S Range: 03.0W Meridian: U	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 2/8/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

We are requesting to have the status of this injection well changed to SI for drilling puposes on the pad. The plan of action for this injection well is to bleed down the well, lay down the injection tubing, run in hole with wire line, set an 8K composite plug, spot 10 feet of cement on top, tear well head down and cap. There will be a relief valve on the cap. This action is being taken as a teparory safety measure.

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

**Date:** February 06, 2012

**By:**

<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/1/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3513
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<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 18-02
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<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Ave, Ste 500, Bosie, ID, 83703	<b>PHONE NUMBER:</b> 208 685-7674 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK
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		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/9/2012  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>Please change this well's status to SI due to drilling purposes on the pad. On 2/9/2012 Petroglyph Operating bled down the well, laid down the injection tubing, ran in hole with wire line, set an 8K composite plug at 3,720' and spotted 10 feet of cement on top, tore well head down and capped. There is a relief valve on the cap. This action was taken as a temporary safety measure.</p>		<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 15, 2012</b></p>
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A		<b>DATE</b> 2/14/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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		<b>STATE:</b> UTAH
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<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/20/2012	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>On 6/11/2012 Petroglyph Operating ran in hole and drilled out cement cap and composite plug (previously placed as a temporary safety measure), ran a bit and scraper past all perforations and circulated and cleaned the well. We perforated formation D3: 4883-4897 and acidized all perforations as follows: Zone 1: 4883-47 w/ 250 gal 15% Hcl, Zone 2: 4708-4712 w/ 250 gal 15% Hcl, Zone 3: 4442-4448 w/ 700 gal 15% Hcl, Zone 4: 4205-4214 w/ 700 gal 15% Hcl, and Zone 5: 3972-4214 w/ 250 gal 15% Hcl. All acid followed by 10 Bbl fresh water over flush.</p> <p>We then ran in hole with new Arrowset 1 Packer and pressure tested tubing to 3500psi BHP with no problems, performed MIT on casing to 1900psi with no loss. This work was done to improve this well's performance. Please change this well's status back to active, we will resume injection after receiving appropriate approval.</p>		<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 25, 2012</b></p>
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A		<b>DATE</b> 7/25/2012



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

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

AUG 13 2012

RECEIVED

AUG 16 2012

DIV. OF OIL, GAS & MINING

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2598-1586  
RETURN RECEIPT REQUESTED

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

55 3W 18

Re: Underground Injection Control (UIC)  
Permission to Resume Injection  
Tribal 18-10 and 18-02 Wells  
EPA ID# UT20736-06679 and UT20736-04202  
API # 43-013-31595 and 43-013-31099  
Antelope Creek Field  
Duchesne County, UT

Accepted by the  
Utah Division of  
Oil, Gas and Mining

FOR RECORD ONLY

Dear Mr. Farnsworth:

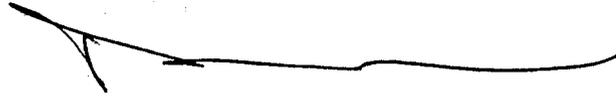
On July 30, 2012, the Environmental Protection Agency (EPA) received information from Petroglyph Operating Company, Inc. on the above referenced wells concerning the workover and followup mechanical integrity tests (MIT) conducted on July 15 and 16, 2012. The data submitted shows that the wells passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before July 15, 2017 for the 18-10 well and July 16, 2017 for the 18-02 well.

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

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

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

Sincerely,



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

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

Reannin Tapoof, Assistant  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Richard Jenks, Councilman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Mike Natchees, Environmental  
Coordinator  
Ute Indian Tribe  
P.O. Box 190  
Fort Duchesne, Utah 84026

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

Stewart Pike, Councilman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Frances Poowegup, Councilwoman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,  
Minerals and Air Programs  
Ute Indian Tribe  
P.O. Box 190  
Fort Duchesne, Utah 84026

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



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-3513
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		<b>STATE:</b> UTAH
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<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/6/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
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	<input type="checkbox"/> OPERATOR CHANGE	
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	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
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	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. We resumed injection on this well on 9/6/2012.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          November 09, 2012</b>		
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A		<b>DATE</b> 11/8/2012