



QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
<b>PARACHUTE</b> 1270	Dakota	Park City	McCracken
<b>GARDEN</b> 2670	Burro Canyon	Rico (Goodridge)	Aneth
<b>DOUGLAS</b> 3390	Cedar Mountain	Supai	Simonson Dolomite
<b>CARBONATE</b> 4430	Buckhorn	Wolfcamp	Sevy Dolomite
<b>BLUEMARKER</b> 4752	JURASSIC	CARBON I FEROUS	North Point
Wasatch	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafeal Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

316

FEDERAL EXPRESS

PLEASE COMPLETE ALL INFORMATION IN THE 5 BLOCKS OUTLINED IN ORANGE  
SEE BACK OF FORM SET FOR COMPLETE PREPARATION INSTRUCTIONS

YOUR FEDERAL EXPRESS ACCOUNT NUMBER  
1060 1060-2

DATE  
5-5-83



FROM (Origin Name)  
R. E. Marten

TO (Recipient's Name)  
The Horse Store  
If Hold For Pick-Up or Saturday Delivery, Recipient's Phone Number

COMPANY  
Coors Energy Co.  
DEPARTMENT/FLOOR NO.

COMPANY  
State of Utah, Dept of Billboards  
DEPARTMENT/FLOOR NO.

STREET ADDRESS  
1746 Cole Blvd.

STREET ADDRESS (P.O. BOX NUMBERS ARE NOT DELIVERABLE)  
4241 State Office Bldg.

CITY  
Golden, Colo.  
STATE  
80401

CITY  
Salt Lake City, Utah  
STATE  
84114

AIRBILL NO. 715316486

ZIP ACCURATE ZIP CODE REQUIRED FOR CORRECT POSTAGING  
80401

IN TENDERING THIS SHIPMENT, SHIPPER AGREES THAT F.E.C. SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM

ZIP ACCURATE ZIP CODE REQUIRED FOR OVERNIGHT DELIVERY  
84114

YOUR NOTES/REFERENCE NUMBERS (FIRST 12 CHARACTERS WILL ALSO APPEAR ON INVOICE)  
PAYMENT  Bill Shipper  Bill Recipient's F.E.C. Acct.  Bill 3rd Party F.E.C. Acct.  Bill Credit Card  
 Cash in Advance Account Number/Credit Card Number

CARRIAGE HEREOF, F.E.C. DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THIS SHIPMENT. THIS IS A NON-NEGOTIABLE AIRBILL SUBJECT TO CONDITIONS OF CONTRACT SET FORTH ON REVERSE OF SHIPPER'S COPY, UNLESS YOU DECLARE A HIGHER VALUE. THE LIABILITY OF FEDERAL EXPRESS CORPORATION IS LIMITED TO \$100.00. FEDERAL EXPRESS DOES NOT CARRY CARGO LIABILITY INSURANCE.  
FEDERAL EXPRESS USE  
FREIGHT CHARGES  
DECLARED VALUE CHARGE

SERVICES CHECK ONLY ONE BOX  
PRIORITY 1  
1  OVERNIGHT PACKAGES (Up to 70 LBS.)  
COURIER PAK 7   
2  OVERNIGHT ENVELOPE (Up to 2 LBS.)  
3  OVERNIGHT BOX (Up to 5 LBS.)  
4  OVERNIGHT TUBE (Up to 5 LBS.)  
STANDARD AIR  
5  DELIVERY 2ND BUSINESS DAY FOLLOWING PICK-UP (Up to 70 LBS.)  
"OVERNIGHT" IS NEXT BUSINESS DAY (MONDAY THROUGH FRIDAY); TWO DAYS FROM ALASKA/HAWAII; SATURDAY DELIVERY AVAILABLE IN CONTINENTAL U.S. SEE "SPECIAL HANDLING."

AND SPECIAL HANDLING CHECK SERVICES REQUIRED  
1  HOLD FOR PICK-UP AT FOLLOWING FEDERAL EXPRESS LOCATION SHOWN IN SERVICE GUIDE. RECIPIENT'S PHONE NUMBER REQUIRED.  
2  DELIVER  
3  SATURDAY SERVICE REQUIRED See Reverse (Extra charge applies for delivery.)  
4  RESTRICTED ARTICLES SERVICE (P-1 and Standard Air Packages only, extra charge)  
5  SSS (Signature Security Service required/extra charge applies)  
6  DRY ICE \_\_\_\_\_ LBS.  
7  OTHER SPECIAL SERVICE \_\_\_\_\_  
8  \_\_\_\_\_  
9  \_\_\_\_\_

PACKAGES WEIGHT \*DECLARED VALUE O/S  
1 4oz  
TOTAL TOTAL TOTAL  
1 4oz  
RECEIVED AT SHIPPER'S DOOR  
 REGULAR STOP  
 ON-CALL STOP  
 F.E.C. LOC.  
Federal Express Corporation Employee No. 22714  
DATE/TIME For Federal Express Use 5-5 1555

EMP. NO. DATE  
 CASH RECEIVED  
 RETURN SHIPMENT  
 THIRD PARTY  
 CHG. TO DEL.  CHG. TO HOLD  
AGT/PRO  
AGT/PRO  
STREET ADDRESS  
CITY STATE ZIP  
RECEIVED BY: (Signature) X  
DATE/TIME RECEIVED F.E.C. EMPLOYEE NUMBER

RECIPIENT COPY (AFFIXED TO PACKAGE, GIVEN TO RECIPIENT AT DELIVERY)

RECEIVED  
SUBMIT IN FULL TO STATE  
(Other instructions on reverse side)

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
APR 30 1983

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  OIL, GAS & MINING 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 80401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 754' FNL, 888' FWL, Section 8  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 7.6 miles south of Bridgeland, Utah

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 754'

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. none

19. PROPOSED DEPTH 6052'

20. ROTARY OR CABLE TOOLS rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5830' GL

22. APPROX. DATE WORK WILL START\* March-April, 1983

5. LEASE DESIGNATION AND SERIAL NO.  
 TL 3507 SALT

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Ute Tribal

9. WELL NO.  
 1-8

10. FIELD AND POOL, OR WILDCAT  
 Nutter Canyon

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
 Sec. 8, 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'	400 sks.
7-7/8"	4-1/2"	11.60#	6052'	300 sks.

- This well will be spudded in the Uintah Formation.
- Estimated formation tops: Green River 1327', Wasatch 5950', TD 6052' Wasatch.
- Water zones are possible throughout the Green River formation as well as gas and or oil. No aquifers or other mineral zones are anticipated.
- Attached is a diagram of the pressure control device to be used on this well.
- 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 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: Dual Induction Laterlog, Compensated Neutron Formation Density Log.
- No abnormal temperature, pressures or potential hazards are expected.
- Anticipated starting date: March or April, 1983. Expected duration of drilling 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. Oil/Gas Operations DATE 2-22-83

PERMIT NO. WP Martin APPROVAL DATE E. W. Guynn  
 APPROVED BY WP Martin TITLE District Oil & Gas Supervisor DATE APR 19 1983

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

State 046

\*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

Coors Energy Company  
Well No. 1-8  
Section 8, T. 5 S., R. 3 W.  
Duchesne County, Utah  
Lease 14-20-H62-3507

Supplemental Stipulations:

1. Operator employees, including subcontractors, will not carry fire-arms or other weapons that may be used to kill game animals.
2. 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, 4-wheel drives, etc.
3. Operator employees, including subcontractors, will not gather fire wood along roads constructed by operators. It is the policy of the Ute Indian Tribe and the Bureau of Indian Affairs to require wood permits from the Forestry Section of B.I.A. for both Indians and non-Indians harvesting wood from the Uintah and Ouray Reservation.
4. Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) stockpiling the topsoil, (b) establishing original ground contour, (c) reestablishing irrigation systems where applicable, (d) reestablishing topsoil to the ground surface on disturbed areas, (e) reestablishing soil conditions in irrigated fields in such a way as to insure cultivation and harvesting of crops and (f) insuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the B.I.A. at the time of abandonment.
5. Production water will be disposed of at approved disposal pits or injection wells. The injection well or disposal pit used will be identified by legal description.
6. 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.
7. It is the policy of the B.I.A. and the Ute Indian Tribe to make right-of-ways available, without cost, to operators when both mineral rights and surface rights are owned by the Ute Indian Tribe. If the surface rights are owned by the Ute Indian Tribe and minerals rights are owned by another entity, the right-of-way will be approved and charges will be assessed for damages prior to the time 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, right-of-ways must be cleared with the other entity.

8. If water or fill materials are needed in constructing roads, well sites, or are used in the drilling process, proper permits are needed. 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 used.

9. When soils are disturbed and natural vegetation destroyed, it is a natural process for annual weeds to invade the site. Often noxious weeds will grow, especially along roadways where seeds can be carried from place to place in dust and mud collecting on motorized vehicles. The operator will submit a plan for controlling noxious weeds along right-of-ways for roads, pipelines, well sites or other applicable facilities. A list of noxious weeds can be obtained from the appropriate county.

10. Candy wrappers, beverage cans, construction materials, etc., will not be littered along roadways or other sites. The operator will initiate a procedure to keep the sites free from litter, and keep them groomed in a neat and professional condition.

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

12. Reroute road to west edge of the location and allow access.

13. Production facilities will be painted a color to blend in with the natural surroundings.

14. Production facilities will be placed on the east edge of the location.

15. Water permits will be obtained from the State of Utah or Ute Tribe.

16. Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Mahogany Zone of the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers. (See attached tentative casing and cementing program for the Uinta Basin.)



# United States Department of the Interior

GEOLOGICAL SURVEY  
Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

February 2, 1981

## General Outline for the Protection and Isolation of Ground Water and Oil Shale in the Uinta Basin.

The oil shale occurs with varying thicknesses in most parts of the Uinta Basin and at varying depths. Ground water also occurs at varied depths above and below the Oil Shale. These ground waters have varying degrees of salinity. Nonetheless, drilling for hydrocarbon in the Uinta Basin should provide for the protection of the oil shale and the ground water if either is present.

The protection of the oil shale and the ground water can effectively be carried on through the design of an adequate casing and cementing program for each well drilled in the area.

In the Uinta Basin, water occurs mainly in the Uinta and the Green River formations. As drilling for hydrocarbon gets deeper into the crust of the earth, more ground water might be encountered and will be protected as it is encountered.

This notice's purpose is to attempt to lay the groundwork for a casing program and cementing program that will protect the oil shale and the ground water if present.

These programs are to be considered as guidelines. The specificity of casing depth, amount of cement and the depth of staging collars will be considered on an individual basis after a careful study of the logs of each individual well. Cementing from the bottom up is an economical solution if carefully conducted.

The casing and cementing program presented here as an example, will assume that fresh water was encountered in the upper parts of the Green River, that the oil shale occurs in the middle of the Green River (1000 foot section) and that some ground water is encountered in the lower parts of the Green River.

In this case, three areas will have to be cemented to assure the integrity of the ground water and oil shale. These areas are above the upper fresh water, across the oil shale and below the lower water aquifer. Deep aquifers that do not contain useful water are cemented to prevent water zone influence on production.

The following casing and cementing program will be appropriate for this example:

- A. Surface casing is set at approximately 300 feet and cemented to the surface.

B. The next casing string will be set at approximately 300 feet below the lowest aquifer. Cementing will be done in three stages, using two stage collars and cement baskets or equivalent as described below and on attached sketches:

1. Cement first stage through the casing shoe to fill annulus back to base of lower aquifer.
2. Place 1st stage collar (with cement basket immediately below) at a selected point at the base of the oil shale. Cement will have to reach top of oil shale.
3. Place 2nd stage collar (with cement basket immediately below) 50 feet above the top of the Bird's Nest aquifer and cement to at least 300 feet above the stage collar.

C. The above is an example. Reasonable equivalents that accomplish these same protective measures, (such as cementing the water zones instead of isolating them), depending on the individual cases will be considered for approval.

D. When the above mentioned well is to be abandoned, inner-casing plugs will have to be placed at the same depth as the above mentioned annulus cement jobs.

The use of cement bond logs will verify the authenticity of the cement job performed.

E. The Operator of such well should notify U.S.G.S. 48 hours prior to commencement of casing and cementing activity, so a technician could be dispatched to witness the operations to verify compliance with casing and cementing program.

Attached Sketches:

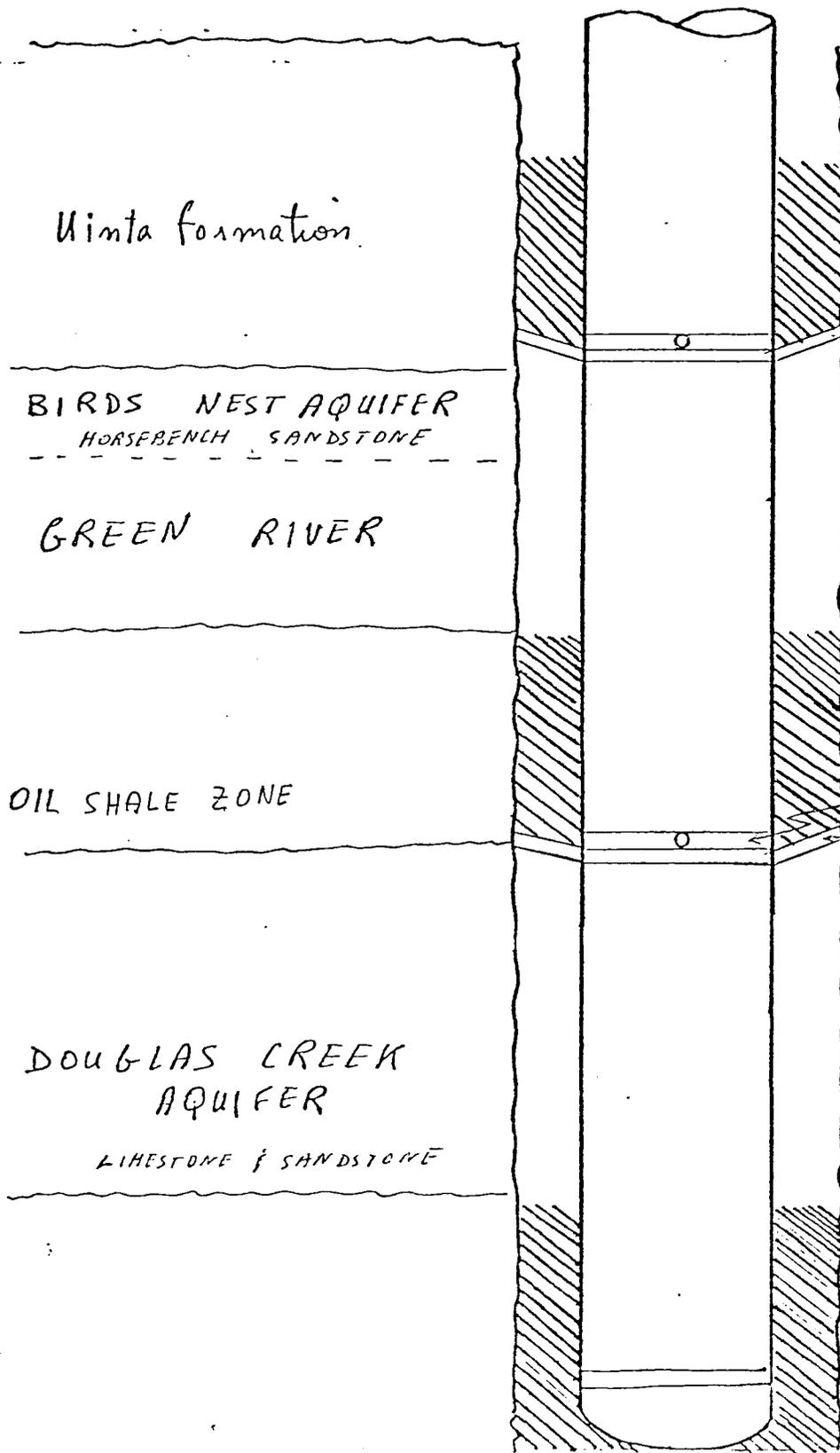
1. Schematic of the required casing and cementing program.
2. Cross section of the Uinta Basin.
3. Schematic of the general ground water protection program.

E. W. Guynn  
District Oil and Gas Supervisor

AMR/kr



PARTIAL CASING & CEMENTING PROGRAM FOR WELLS IN NATURAL BUTTES FIELD. HINTAH COUNTY, UTAH



NO SCALE

CEMENT BASKET IS PLACED 50' ABOVE TOP AQUIFER CEMENT TO RISE AT LEAST 300' IN ANNULUS

STAGE COLLAR  
CEMENT BASKET

CEMENT BASKET IS SET AT CONSOLIDATED SECTION AT THE BASE OF THE OIL SHALE ZONE. CEMENT TO REACH THE TOP OF THE MAHOGANY ZONE

CEMENT WILL REACH BASE OF LOWER AQUIFER



P.O. BOX 467 GOLDEN, COLORADO 80401

Phone: (303) 278-7030

FEDERAL EXPRESS

May 5, 1983

State of Utah  
Division of Oil, Gas and Mines  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

Attn: Mr. Norm Stout

Re: APD for the Ute Tribal 1-8  
Section 8, T5S-R3W  
Duchesne County, Utah

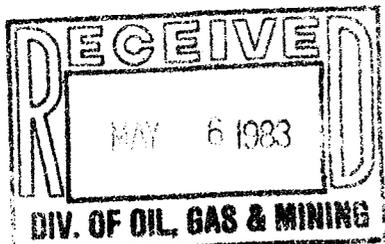
Dear Mr. Stout:

Attached please find three copies of the State APD for the above referenced well.

Included with the State of Utah APD, please find the following:

1. A diagram of the BOP to be used on this well.
2. Multipoint Surface Use Plan
3. Survey plat
4. Topo map showing well location
5. A copy of the approved Federal APD

As we are in a hurry for your approval, would you please phone us with your permission to drill. Thank you very much.



RLM:kr

Attachments

Very truly yours,

*R. L. Martin*

R. L. Martin  
Vice President  
Oil & Gas Operations

*BOW*

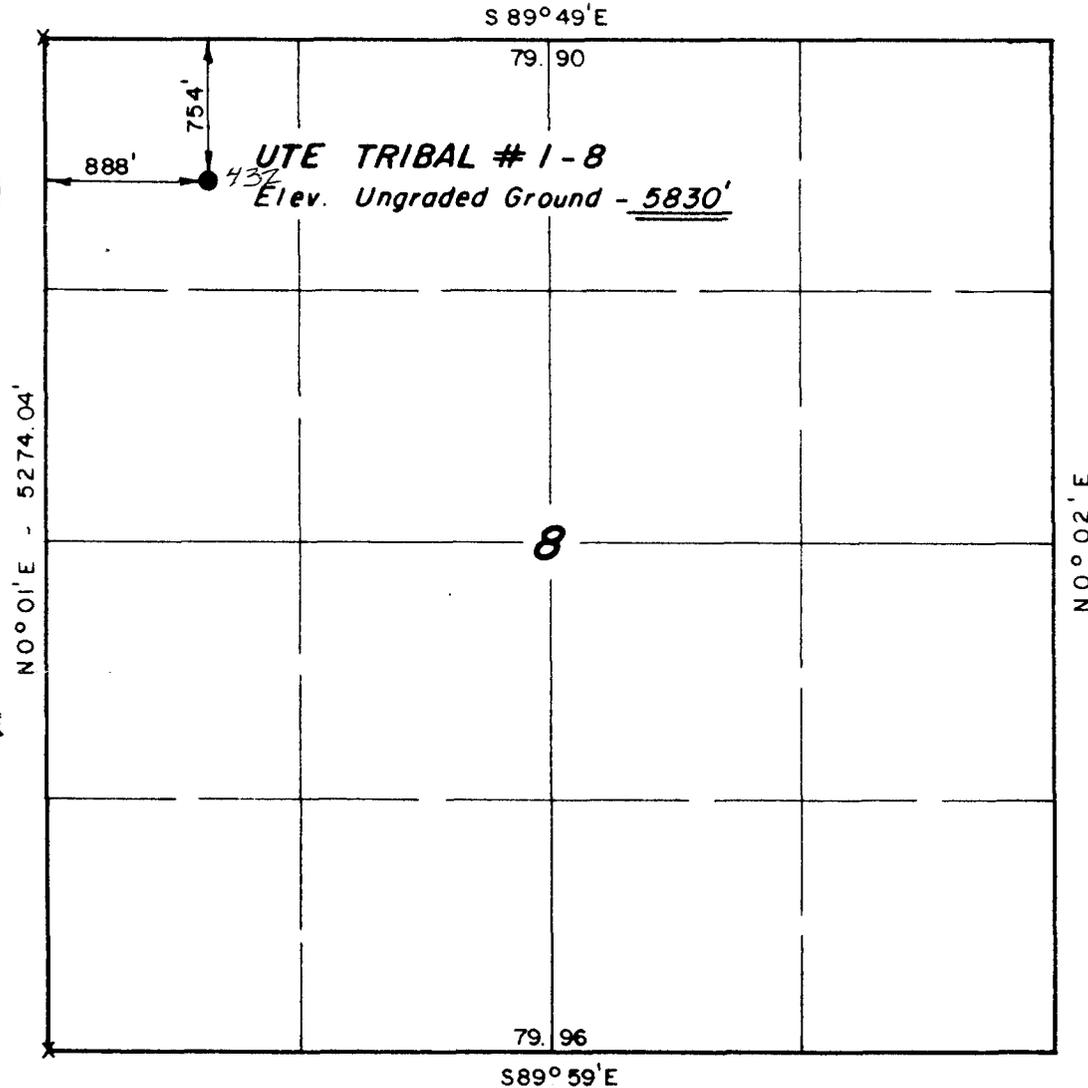


T5S , R3W , U.S.B. & M.

PROJECT

COORS ENERGY CO.

Well location, *UTE TRIBAL #1-8*,  
located as shown in the NW 1/4  
NW 1/4 Section 8, T5S, R3W,  
U.S.B. & M. Duchesne County,  
Utah.



*UTE TRIBAL #1-8*  
Elev. Ungraded Ground - 5830'



EXHIBIT "A"

CERTIFICATE

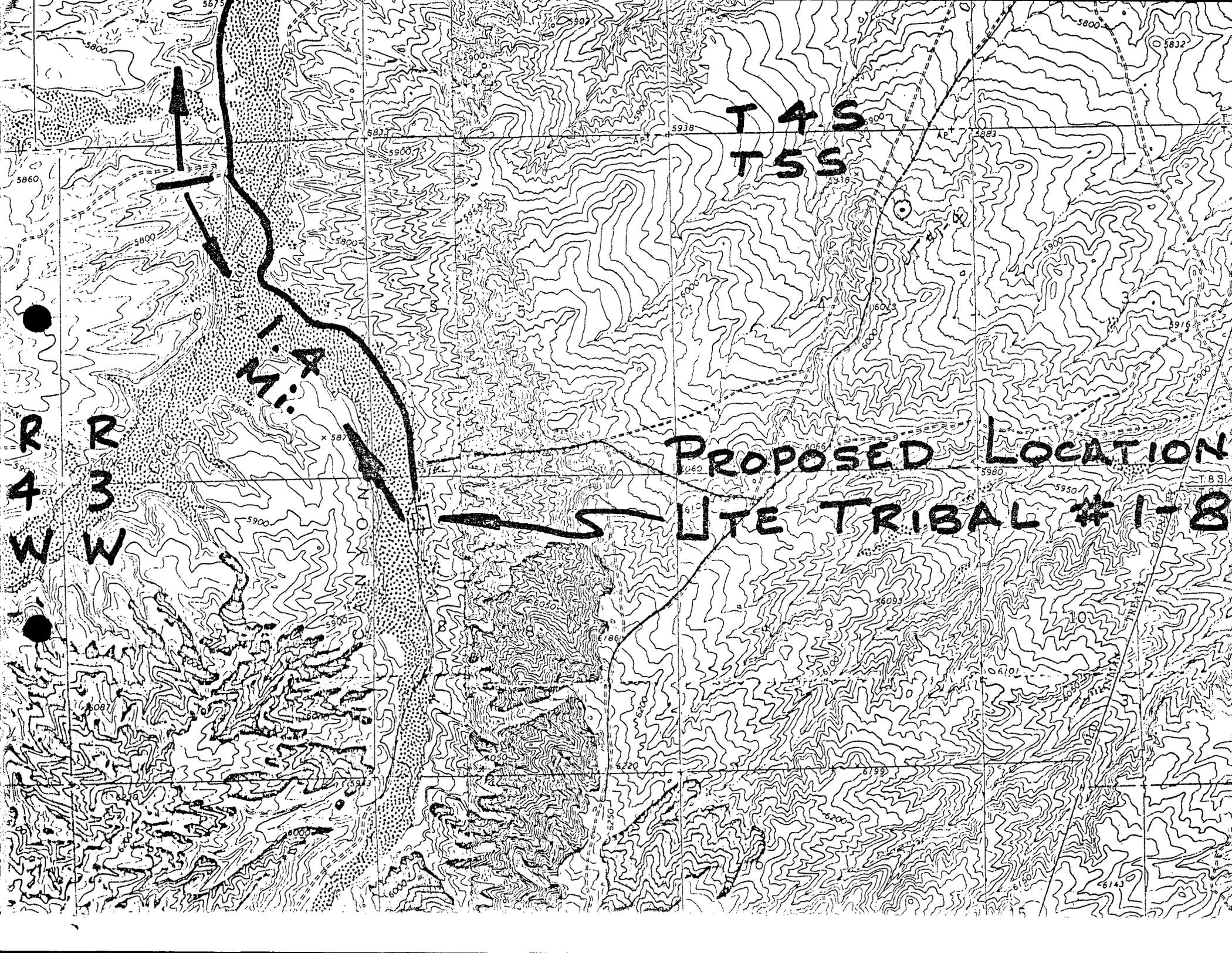
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Lawrence C. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

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

SCALE	1" = 1000'	DATE	2/08/83
PARTY	RK DB JK RP	REFERENCES	GLO Plat
WEATHER	Cold	FILE	COORS

X = Section Corners Located



T4S  
T5S

MIA

PROPOSED LOCATION  
SITE TRIBAL #1-8

R4W  
R3W

(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  
Eeasè No. 14-20-H62  
Tract No. 57  
and hereby designates

NAME: Coors Energy Company  
ADDRESS: P.O. Box 467, Golden, CO 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 8: NW/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.

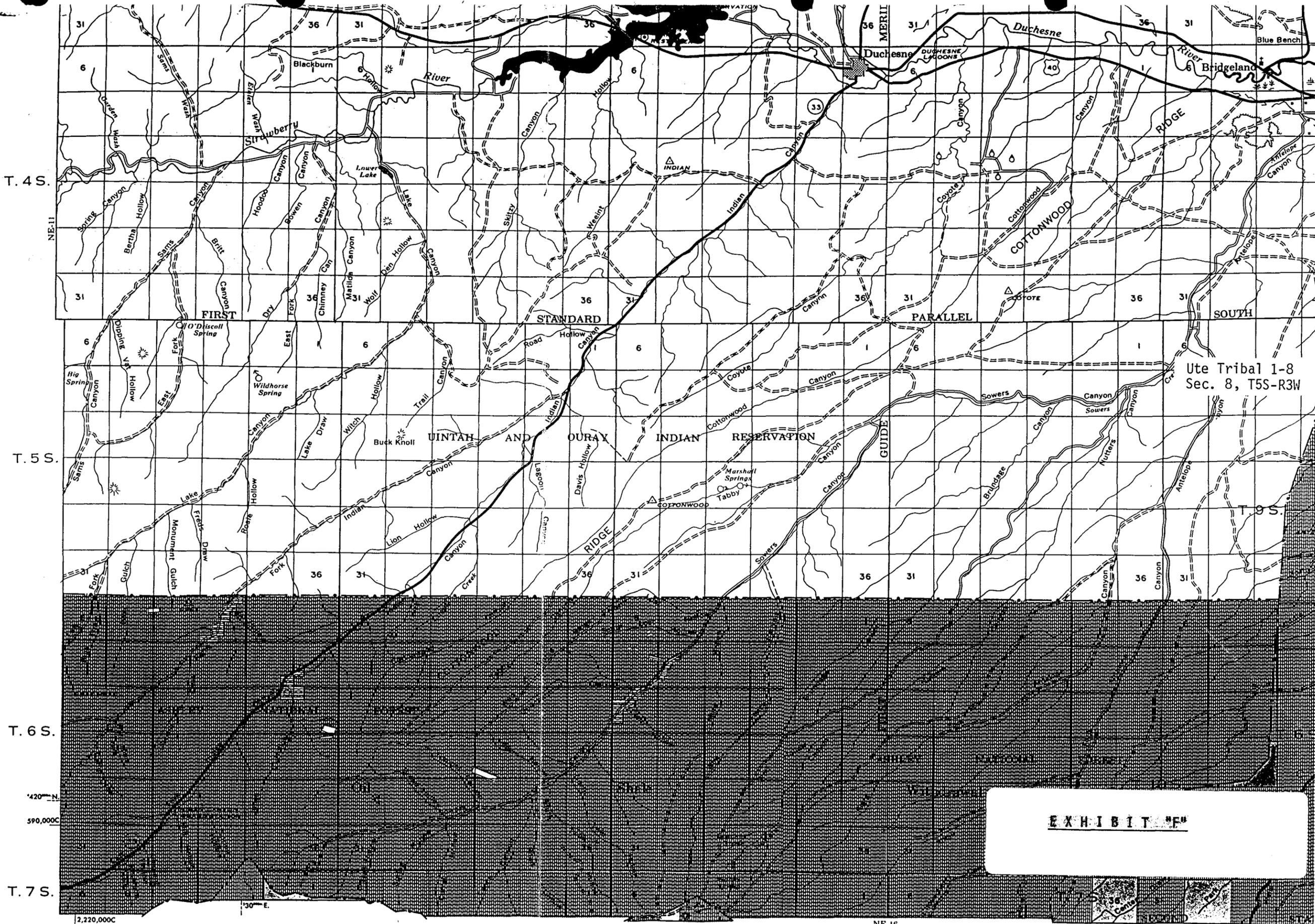
GULF OIL CORPORATION

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

February 7, 1983  
(Date)

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

ownership information shown on the map of a specific tract of land for anything except casual use to give a general land pattern. The official land records in appropriate offices of the Bureau of Land Management should be checked for accurate and up-to-date status on any specific tract of land. BLM would appreciate your submitting information on any errors, corrections or inaccuracies on the map to the respective Bureau of Land Management Office from which the maps were obtained.

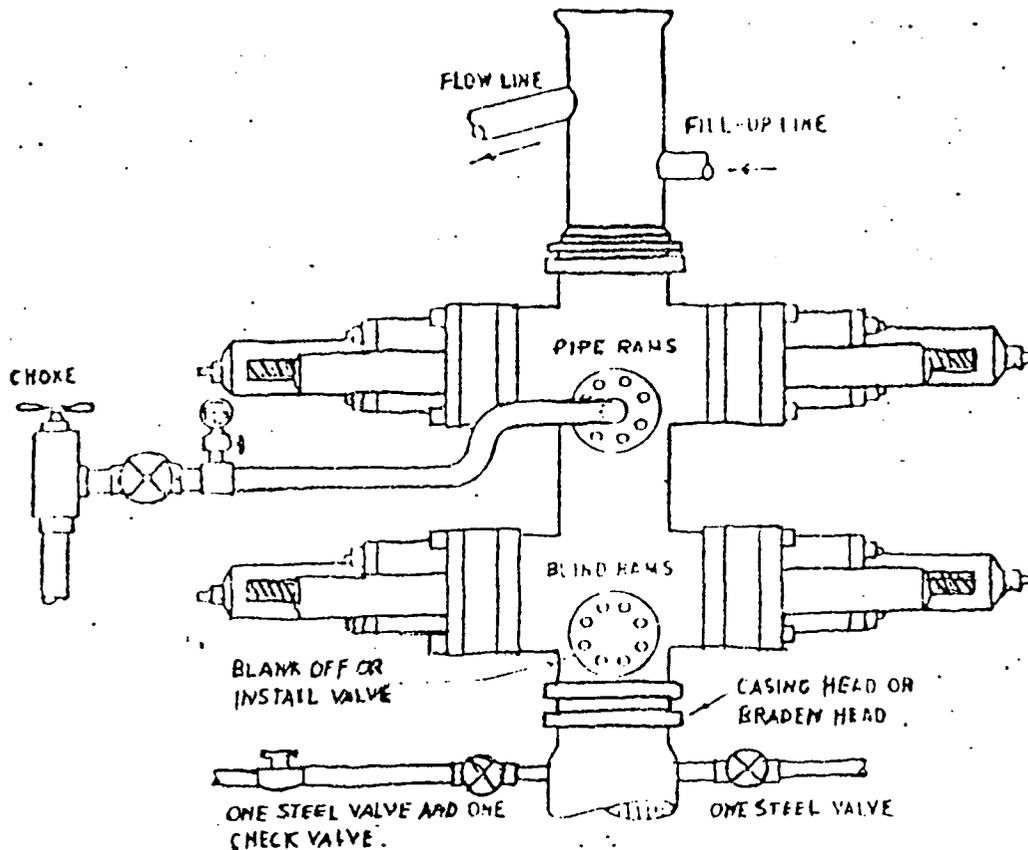


- MINERALS OWNED BY THE FEDERAL GOVERNMENT
- | Symbol | Mineral Rights                           |
|--------|--|
|        | All Minerals                             |
|        | Coal Only                                |
|        | Oil and Gas Only                         |
|        | Oil, Gas, and Coal Only                  |
|        | Other                                    |
|        | No symbol indicates no Federal minerals. |

Note: Acquired and L.U. may include term or fractional interest for mineral shown.

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.

MULTIPOINT SURFACE USE PLAN

COORS ENERGY COMPANY

UTE TRIBAL #1-8

SECTION 8, T5S-R3W

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.

1. EXISTING ROADS - See Exhibits B, C, D, E, F.

Access to Coors-Ute Tribal #1-8 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 this Highway and an existing improved dirt road to the south (County Road); proceed south along said improved County road 6.2 miles down what is known as Antelope Canyon; to the Junction of this road and an existing unimproved dirt road to the southeast; proceed south-easterly along this road 1.4 miles to it's Junction with the proposed location site.

Road maintenance from the Antelope Canyon main road (approx. 1.4 miles) 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. No cattleguards or gates will be installed along the road.

Materials for upgrading the existing road will come from the immediate area of road improvement work.

Upgraded existing roads will be constructed with a 20' road surface with bar ditches and water bars where required. Not over 30' will be cleared except for turning radius turns which will not exceed 40'.

Coors Energy Company plans to build this well pad on the existing road. A new access road bypass will be built around the location as shown on Exhibit B to equivalent specifications of the existing road. Upon abandonment of the well, the bypass access road will be brought back to as original position as possible.

2. PLANNED ACCESS ROAD - See Exhibit B, D, E

Approximately 1.4 miles of existing road from the Antelope Canyon main road to the well is to be improved.

There will be no proposed access road as the existing roads described above go directly to the proposed location site. There will, however, need to be approximately 1200' of road built around the location so as to facilitate a normal traffic flow up and down the Antelope Canyon Road.

New access road will be constructed with a 20' road surface with bar ditches and water bars where required. Not over 30' will be cleared except for turning radius turns which will not exceed 40'.

2. PLANNED ACCESS ROAD, Continued

Any trees cut during construction of the access road or wellpad 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.

3. LOCATION OF EXISTING WELLS - See Exhibit G, H

There is only one dry hole existing within a 2-mile radius:

Ute Tribe B  
Section 9, T5S-R3W  
Amerada Petroleum

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

- a) known water wells
- b) temporarily abandoned wells
- c) disposal wells
- d) drilling wells
- e) injection wells
- f) monitoring or observation wells.
- g) producing 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 Exh. B, C, D

Coors Energy Company has no facilities in this area and production facilities will consist of a pump jack, two 100-bbl. tanks and a separator facility with a waste water disposal pit. Approval of production facilities is desired with APD approval for the Ute Tribal 1-8. All production facilities will be located on the east side on the well pad and will be painted in earth colors such as Bad Lands grey.

For drilling operations, a survey map (Exhibit B) showing rig layout is attached. All necessary surface equipment will be spotted on the 265 x 375' wellsite pad.

All garbage and trash will be placed in a trash cage and hauled to an appropriate disposal site. Any disturbed area not required for producing operations will be restored according to Minerals Management Service 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.

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

The source of the water used to drill this well will be from a private source in the town of Bridgeland, Utah. The water source agreement for the Ute Tribal 1-8 is shown on Exhibit I.

6. SOURCE OF CONSTRUCTION MATERIALS

The top 6" of topsoil will be removed from the wellpad and stored adjacent to the location as shown on Exhibit B. Fill materials needed to construct the location will be derived locally from cuts needed to build the well pad.

7. METHODS FOR HANDLING WASTE DISPOSAL

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 accordance with NTL-2B. Sewage will be contained 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.

The reserve pit will be allowed to dry and then back-filled and the area restored according to MMS requirements upon abandonment.

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 drillsite preparation will be removed and stock-piled prior to topsoil removal. Upon abandonment, this vegetation will be redistributed as a mulching agent over the wellsite. The top 6" of topsoil will be stock-piled on the side of the wellsite as shown on Exhibit B.

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 burned, buried, or removed from the location. Any oil or deleterious liquids will be removed by a pump truck to an approved disposal area.

The topsoil will be tested to determine if fertilizer is needed to re-establish vegetation. After spreading the stock-piled topsoil, the following seed mixture will be used for reseeding:

Smooth brome (Manchar)	5 lbs pure live seed/acre
Orchard grass	5 lbs pure live seed/acre
Timothy	5 lbs pure live seed/acre
Intermediate wheatgrass	5 lbs pure live seed/acre
Alsike clover	1 lb pure live seed/acre

This mixture will be drilled to a depth of one-half inch and planted between September 15 and November 15. This seeding program will be modified as per BLM instruction at the time of site restoration.

11. OTHER INFORMATION

The Ute Tribal 1-8 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 two (2) miles of the wellsite. An archaeological report is attached. Since this well is on the Uintah and Ouray Indian Reservation, Coors will work closely with Ute Tribal representatives to insure all Tribal requirements for drilling and production operations of this well are followed.

It is Coors Energy Company 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.

12. CONTACT

R. L. Martin  
Vice President  
Oil & Gas Operations  
Coors Energy Company  
PO Bob 467  
Golden, Colorado 80401  
Phone: (303) 278-7030

13. CERTIFICATION

See Exhibit K

OPERATOR COORS ENGINEERING CO

DATE 5-9-83

WELL NAME OTC TOWER 1-8

SEC NW1/4 T 5S R 3W COUNTY WYOMING

43-013-30759  
API NUMBER

MINI  
TYPE OF LEASE

POSTING CHECK OFF:

<input checked="" type="checkbox"/> INDEX	<input checked="" type="checkbox"/> HL	<input checked="" type="checkbox"/>
<input type="checkbox"/> NID	<input checked="" type="checkbox"/> PI	<input type="checkbox"/>
<input type="checkbox"/> MAP	<input checked="" type="checkbox"/>	<input type="checkbox"/>

PROCESSING COMMENTS:

no oil or gas within 4960'  
Bob Mantel said Coors had oil & gas  
and would send a 300 request ✓

RJK ✓

APPROVAL LETTER:

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

c-3-b  c-3-c

SPECIAL LANGUAGE:

Approval contingent upon  
receipt and approval of a proper request  
for unit location 5/9/83 ✓

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FCA*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

UNIT NO

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

May 9, 1983

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

RE: Well No. Ute Tribal 1-8  
NWNW Sec. 8, T.5S, R.3W  
754 FNL, 888 FWL,  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil/gas well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. Approval contingent upon receipt and approval of a proper request for unorthodox location.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30759.

Sincerely,



Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Oil & Gas Operations  
Bureau of Indian Affairs  
Enclosure



P.O. BOX 467 GOLDEN, COLORADO 80401

May 9, 1983

U.S. Express Mail

Mr. Norm Stout  
State of Utah  
Division of Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

Re: Ute Tribal 1-8  
Section 8, T5S-R3W  
Duchesne County, Utah  
Request for Exception to Well Spacing

RECEIVED  
MAY 10 1983

DIVISION OF  
OIL, GAS & MINING

Dear Mr. Stout:

The purpose of this letter is to request an exception to the State of Utah Rule C-3, General Well Spacing Requirements. The Ute Tribal 1-8 is located 754' FNL and 888' FWL of Section 8, T5S-R3W. This location is 432' from the east border of the NWNW of Section 8.

Rule C-3(C) (1)

The explanation as to why our well was spotted within the 500' limit is due to topographic limitations. Immediately west of this location is the Antelope Creek stream bed and immediately east is a steeply rising face of a 400' high mesa. Due to the topographic restrictions, the present location was the only feasible location of the Ute Tribal 1-8 well pad within the NWNW. (See attached map).

Rule C-3(C) (2)

Also note that the ownership of all oil and gas leases within a radius of 660' of the location of the Ute Tribal 1-8 is common with the ownership of the oil and gas leases under the Ute Tribal 1-8 location. Please see attached Designation of Operator.

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.)

1. <b>OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. TL3507
2. NAME OF OPERATOR Coors Energy Company (303) 278-7030		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribal
3. ADDRESS OF OPERATOR PO Box 467, Golden, Colorado 80402		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 754' FNL, 888' FWL of Section 8		8. FARM OR LEASE NAME Ute Tribal
14. PERMIT NO. 43-013-30759		9. WELL NO. 1-8
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5830' GL		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T5S-R3W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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) Spud date & progress report <input type="checkbox"/>	
(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.)\*

The Ute Tribal 1-8 was <sup>\*</sup>spudded 5/5/83 at 6:00PM. 10 joints of 8-5/8" 24# casing was run and set at 435' KB. The casing was cemented with 280 sacks of Class H cement with 2% CaCl and 1/4#/sack of celloflake and 60 sacks of Class H cement with 3% CaCl.

The well is presently drilling ahead and on the morning of 5/12/83, we were at 4141'.

On 5/16/83, TD was reached at 6410'. 152 joints of 5 1/2" 15.50# K55 casing was run and set at 6406' KB. Float collar at 6364' KB. Cemented w/1039 sks of cement, lead cement consisted of 279 sks of low density Class G, tail in cement consisted of 760 sks of Class G 50/50 pozmix, 2% gel, 13% salt. Preceded by 500 gals of mud flush, displaced w/151 bbls 2% KCL water. PD at 12:39 PM 5/17/83.

Well is now shut in, WOCT.

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

DATE: 5/18/83

BY: [Signature]

*\*State of Utah approval to drill granted on 5/9/83.*

RECEIVED  
MAY 20 1983  
DIVISION OF OIL, GAS & MINING

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

SIGNED [Signature] TITLE V.P. Oil/Gas Operations DATE 5-18-83

R. L. Martin

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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



May 18, 1983

Mr. Norm Stout  
State of Utah  
Division of Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

Re: Sundry Notice  
Ute 1-8 Tribal Well  
Section 8, T5S-R3W  
Duchesne County, Utah

Dear Mr. Stout:

Attached please find three copies of the Sundry Notice for the above referenced well showing the progress made since the spud date.

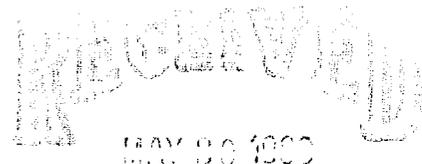
Please let us know if you find that you have any questions regarding this work. Thank you.

Very truly yours,

Karen Rohrer  
Production Secretary

KR

Attachments



DIVISION OF  
OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NO.  
 TL3507

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Ute Tribal

9. WELL NO.  
 1-8

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 8, T5S-R3W

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 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 (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.\* See also space 17 below.)  
 At surface 754' FNL, 888' FWL, Sec. 8, NW/4NW/4

14. PERMIT NO.  
 43-013-30759

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5830' 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>	<input type="checkbox"/>
(Other) <input type="checkbox"/>	<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.)\*

5/25/83 RU Go Wireline, perf'd from 6268-6296' with 4 shots/ft. totaling 112 shots.

5/26/83 RU Halliburton, fraced w/120,000# of 20/40 sand, 49,000 gals of gel wtr. (cross link 40#/1000 gal.)

5/27-6/6 Swabbing.

6/7/83 RU Welex, set Baker RBP at 6210'KB, perf'd from 6027-35, 6060-66', 6073-77' w/ 4 JSPF.

6/8/83 RU Halliburton, fraced from 6027-77' w/26,410 gals of Versagel 1500 & 1400 and 15,000# of 20/40 sand.

6/9-6/17 Swabbing.

6/18-29 WO test.

**RECEIVED**  
 JUL 01 1983

DIVISION OF  
 OIL, GAS & MINING

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

SIGNED R. L. Martin TITLE V.P. Oil/Gas Operations DATE 6-29-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

*a duplicate has been routed to [unclear] 3 M*

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

SUB IN TRIPLICATE\*  
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.	TL3507
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	Ute Tribe
7. UNIT AGREEMENT NAME	----
8. FARM OR LEASE NAME	Ute Tribal
9. WELL NO.	1-8
10. FIELD AND POOL, OR WILDCAT	Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec. 8, T5S-R3W
12. COUNTY OR PARISH	Duchesne
13. STATE	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 (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.\* See also space 17 below.)  
At surface 754' FNL, 888' FWL, Section 8, NW/4NW/4

14. PERMIT NO. 43-013-30759

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
5830' GL

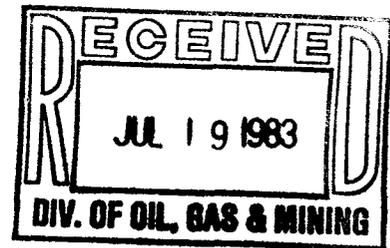
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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) <input type="checkbox"/>	Date of First Sales <input type="checkbox"/>
(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 an 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).\*

The date of first sales for this well was 7/9/83.

The oil transporter is: Getty Oil Company  
PO Box 416  
Roosevelt, Utah 84066



18. I hereby certify that the foregoing is true and correct  
SIGNED R. L. Martin TITLE V.P. Oil/Gas Operations DATE 7-14-83

(This space for Federal or State office use)

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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

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

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 754' FNL, 888' FWL, Sec. 8, NW/4NW/4  
At top prod. interval reported below same  
At total depth same

14. PERMIT NO. 43-013-30759 DATE ISSUED 5/9/83

15. DATE SPUDDED 5/5/83 16. DATE T.D. REACHED 5/16/83 17. DATE COMPL. (Ready to prod.) 7/9/83 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)\* 5830' GL 19. ELEV. CASINGHEAD -----

20. TOTAL DEPTH, MD & TVD 6410' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* ----- 23. INTERVALS DRILLED BY ----- ROTARY TOOLS 0-6410' CABLE TOOLS no

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 6027-6296' Lower Green River 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, FDC-N; CBL 27. WAS WELL CORED no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.00#	435' KB	12 1/4"	280 sks	
5-1/2"	15.50#	6406' KB	7-7/8"	1039 sks	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	6008'	

31. PERFORATION RECORD (Interval, size and number)

Perf'd from 6268-96' w/4 shots/ft. totaling 112 shots

Perf'd from 6027-35', 6060-66' and 6073-77' w/4 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6268-96'	120,000# 20/40 sd, 49,000 gals of gel cross link gel wtr.
6027-77'	26,410 gals of Versagel, 75,000# of 20/40 sand.

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7/9/83	Pumping, Axelson 2 1/2" x 1 1/2" x 16', rod pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/9/83	24		→	134	30.5	----	228

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
	50	→	134	30.5	----	40±

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

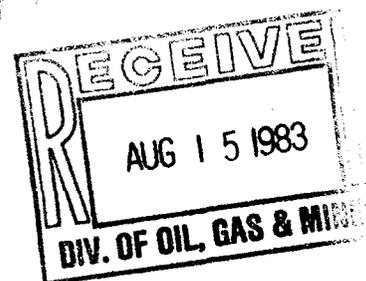
35. LIST OF ATTACHMENTS

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

SIGNED R. L. Martin TITLE V.P. Oil/Gas Operations DATE 8-1-83

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

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 1-8

Operator Coors Energy Company Address P.O. BOX 467, Golden, CO 80402

Contractor Coleman Drilling Co. Address Farmington, N.M.

Location NW 1/4 NW 1/4 Sec. 8 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.	NONE		
2.			
3.			
4.			
5.			

(Continue of reverse side if necessary)

Formation Tops Uintah Surface

Remarks Green River 1330

- 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.

Since Coors Energy Company is the operator of the farmout from Gulf Oil Company of the NW/4 of Section 8, Coors has control of the NW/4 of Section 8, T5S-R3W, Duchesne County, Utah.

Please call us if you find that you have any questions regarding our applications. Thank you.

Sincerely,



Doug S. Sprague  
Manager  
Oil & Gas Operations

DSS/RN:kr

cc: B. Martin  
R. Nelms  
File

Enclosures

NOTICE OF SPUD

M

Company: Coors Energy Co

Caller: Ralph Nelms

Phone: \_\_\_\_\_

Well Number: Ute Tribal #1-8

Location: NW NW 8-55-3W USM

County: Duchesne State: Utah

Lease Number: TL 3507

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): \_\_\_\_\_

Date & Time Spudded: May 5, 1983 6 PM

Dry Hole Spudder/Rotary: Rotary

Details of Spud (Hole, Casing, Cement, etc.) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Rotary Rig Name & Number: \_\_\_\_\_

Approximate Date Rotary Moves In: \_\_\_\_\_

FOLLOW WITH SUNDRY NOTICE

Call Received By: WPM

Date: 5-6-83

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

1. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. REVR.  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  
At top prod. interval reported below  
At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUDDED \_\_\_\_\_ 16. DATE T.D. REACHED \_\_\_\_\_ 17. DATE COMPL. (Ready to prod.) \_\_\_\_\_

18. ELEVATIONS (DV, RER, ST, OR, ETC.)\* \_\_\_\_\_ 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD \_\_\_\_\_ 21. PLUG, BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_

23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* \_\_\_\_\_ 25. WAS DIRECTIONAL SURVEY MADE \_\_\_\_\_

26. TYPES ELECTRIC AND OTHER LOGS RUN \_\_\_\_\_ 27. WAS WELL CORED \_\_\_\_\_

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	MOLE SIZE	CEMENTING RECORD	AMOUNT FULLED

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

5072-88', 5090-96' w/2 shots/ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5072-5096'	1192 Bbbls gel wtr, 130,000# 20/40 sand.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
7/9/83	Pumping, 2½" x 1½" x 16' rod pump	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/29/84	24	---	→	17	8	---	471
FLOW. TUBING PARR.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
--	40	→	17	8	---	40+	

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

35. LIST OF ATTACHMENTS

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

SIGNED R. L. Martin TITLE V.P. O/G Operations DATE 8-22-84

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

RECEIVED

AUG 27 1984

DIVISION OF OIL  
GAS & MINING

3. LEASE DESIGNATION AND SERIAL NO.  
14-20-H62-3507

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribe

7. UNIT AGREEMENT NAME  
---

8. FARM OR LEASE NAME  
Ute Tribal

9. WELL NO.  
1-8

10. FIELD AND POOL, OR WILDCAT  
Antelope Creek

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 8, T5S-R3W

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

18. ELEVATIONS (DV, RER, ST, OR, ETC.)\*

23. INTERVALS DRILLED BY

25. WAS DIRECTIONAL SURVEY MADE

27. WAS WELL CORED

AMOUNT FULLED

SCREEN (MD)

PACKER SET (MD)

AMOUNT AND KIND OF MATERIAL USED

WELL STATUS (Producing or shut-in)

PROD'N. FOR TEST PERIOD

OIL GRAVITY-API (CORR.)

TEST WITNESSED BY  
Jim Simonton

DATE

# 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 35.

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.)

**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, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Green River:	1270'		
Green River (Parachute Creek):	2670'		
Green River (Garden Gulch):	3390'		
Green River (Upper Douglas Creek):	4430'		

**38. GEOLOGIC MARKERS**

NAME	MEAS. DEPTH	TOP	TRUE PART. DEPTH



September 8, 1983

Mr. Norm Stout  
State of Utah  
Division of Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

Dear Mr. Stout:

Attached please find copies of Sundry Notices for the Ute Tribal 1-17  
and Ute Tribal 1-29.

I have also enclosed copies of a revised Well Completion Report for the  
Ute Tribal 1-8. We changed the geology on the back side, there are no  
changes to the front page.

Thank you.

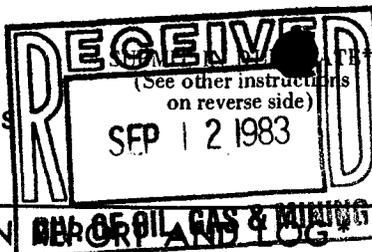
Very truly yours,

Karen Rohrer  
Production Secretary

KR

Attachments

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



JUST FILE 24  
56 64 01

CORRECTED COPY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.  
TL3507  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribe  
7. UNIT AGREEMENT NAME  
-----  
8. FARM OR LEASE NAME  
Ute Tribal  
9. WELL NO.  
1-8  
10. FIELD AND POOL, OR WILDCAT  
Wildcat  
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 8, T5S-R3W

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

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

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 754' FNL, 888' FWL, Sec. 8, NW/4NW/4  
At top prod. interval reported below same  
At total depth same

14. PERMIT NO. 43-013-30759 DATE ISSUED 5/9/83

15. DATE SPUDDED 5/5/83 16. DATE T.D. REACHED 5/16/83 17. DATE COMPL. (Ready to prod.) 7/9/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5830' GL 19. ELEV. CASINGHEAD -----

20. TOTAL DEPTH, MD & TVD 6410' 21. PLUG, BACK T.D., MD & TVD 6302' 22. IF MULTIPLE COMPL., HOW MANY\* ----- 23. INTERVALS DRILLED BY ----- ROTARY TOOLS 0-6410' CABLE TOOLS no

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
6027-6296' Lower Green River 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN GR-DLL, FDC-N, CBL 27. WAS WELL CORRED no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.00#	435' KB	12-1/4"	280 sks.	
5-1/2"	15.50#	6406' KB	7-7/8"	1039 sks.	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	6008'	

31. PERFORATION RECORD (Interval, size and number)

Perf'd from 6268-96' w/4 shots/ft. totaling 112 shots  
Perf'd from 6027-35', 6060-66', 6073-77' w/4 JSPF

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6268-96'	120,000# 20/40 sd, 49,000 gals gel cross-link gel wtr.
6027-77'	26,410 gals of Versagel, 75,000# of 20/40 sand

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7/9/83	Pumping, Axelson 2 1/2" x 1 1/2" x 16' rod pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/9/83	24			134	30.5	-----	228

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
	50		134	30.5	-----	40±

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED R. L. Martin TITLE V.P. Oil/Gas Operations DATE 9-8-83

\*(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 35.

**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.
Green River	1270'		
GR-Parachute Creek	2670'		
GR-Garden Gulch	3390'		
GR-Upper Douglas Creek	4430'		
Carbonate Marker	4782'		
Blue Marker	5868'		

38. GEOLOGIC MARKERS			
NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH

**37. SUMMARY OF POROUS ZONES:**  
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

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.)

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  
754' FNL, 888' FWL, NW/4NW/4

14. PERMIT NO. 43-013-30759

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
6302' GL

RECEIVED

JUN 22 1984

DIVISION OF OIL  
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-H62-3507

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribe

7. UNIT AGREEMENT NAME  
-----

8. FARM OR LEASE NAME  
Ute Tribal

9. WELL NO.  
1-8

10. FIELD AND POOL, OR WILDCAT  
Antelope Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA  
Sec. 8, T5S-R3W

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

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 checked="" 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>Recompletion 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.)

6/12/84 Set RBP at 5270', perf'd 5072-82' and 5090-96', 5078-88' at 2 SPF.

6/13/84 RE-perforated at 5072-78', 5090-96'. Fraced this zone w/1192 bbls gel fluid, 130,000# 20/40 sand.

6/14 to 6/19/84 Flowed and swabbed well.

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

SIGNED R. L. Martin TITLE V.P. O/G Operations DATE 6-19-84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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

5. LEASE DESIGNATION AND SERIAL NO.	14-20-H62-3507
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	Ute Tribe
7. UNIT AGREEMENT NAME	----
8. FARM OR LEASE NAME	Ute Tribal
9. WELL NO.	1-8
10. FIELD AND POOL, OR WILDCAT SURVEY OR AREA	Antelope Creek
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec. 8, T5S-R3W
12. COUNTY OR PARISH	Duchesne
13. STATE	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.)

RECEIVED

JUL 2 1984

DIVISION OF OIL  
GAS & MINING

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
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 754' FNL, 888' FWL, NW/4NW/4
14. PERMIT NO. 43-013-30759
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5830' 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"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Recompletion Report</u> <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.)

6/10/84 MIRU Western Oilwell Service to frac a new zone.  
 6/11 to  
 6/12/84 Set 5½" RBP at 5270', perf'd 5072-78' and 5090-96' w/2 SPF.  
 6/13/84 Fraced w/1192 bbls gel water and 130,000# 20/40 sand.  
 6/14 to  
 6/21/84 Swabbed well, reset pump.  
 6/22/84 Started pumping again this day at 5:00PM 6/22/84.

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

SIGNED B. J. Martin TITLE V.P. O/G Operations DATE 6-27-84

(This space for Federal or State office use)

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

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

SEE INSTRUCTIONS ON  
REVERSE SIDE

3. LEASE DESIGNATION AND SERIAL NO.  
14-20-H62-3507

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribe

7. UNIT AGREEMENT NAME  
----

8. FARM OR LEASE NAME  
Ute Tribal

9. WELL NO.  
1-8

10. FIELD AND POOL, OR WILDCAT  
Antelope Creek

11. SEC., T., S., M., OR BLM. AND SURVEY OR AREA  
Sec. 8, 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.)

RECEIVED

JUL 2 1984

DIVISION OF OIL  
GAS & MINING

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  
754' FNL, 888' FWL, NW/4NW/4

14. PERMIT NO.  
43-013-30759

15. ELEVATIONS (Show whether DF, RT, CR, etc.)  
5830' 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"/>	FULL 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>Recompletion Report</u>	

(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.)

6/10/84 MIRU Western Oilwell Service to frac a new zone.  
 6/11 to  
 6/12/84 Set 5 1/2" RBP at 5270', perf'd 5072-78' and 5090-96' w/2 SPF.  
 6/13/84 Fraced w/1192 bbls gel water and 130,000# 20/40 sand.  
 6/14 to  
 6/21/84 Swabbed well, reset pump.  
 6/22/84 Started pumping again this day at 5:00PM 6/22/84.

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

SIGNED R. J. Martin TITLE V.P. O/G Operations DATE 6-27-84

(This space for Federal or State office use)

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

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

6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

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

2. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [X] DEEP-EN [ ] PLUG BACK [ ] DIFF. REVR. [ ] Other [ ]

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 754' FNL, 888' FWL, NW/4NW/4

At top prod. interval reported below same

At total depth same

RECEIVED

AUG 27 1984

DIVISION OF OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-3507

6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Ute Tribal

9. WELL NO. 1-8

10. FIELD AND POOL, OR WILDCAT Antelope Creek

11. SEC., T., R., M., OR BLOCK AND SURVEY OR ARBA Sec. 8, T5S-R3W

12. COUNTY OR PARISH Duchesne

13. STATE Utah

15. DATE SPUDDED 5/5/83 16. DATE T.D. REACHED 5/16/83 17. DATE COMPL. (Ready to prod.) 7/9/83 18. ELEVATIONS (DF, BBL, BT, GR, ETC.)\* 5830' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6410' 21. PLUG BACK T.D., MD & TVD 6302' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 5072-6296', Lower Green River 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, DIL, CNL 27. WAS WELL CORED no

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 8-5/8" and 5-1/2" casing sizes.

Table with 8 columns: 29. LINER RECORD (SIZE, TOP (MD), BOTTOM (MD), BAGS CEMENT\*, SCREEN (MD)) and 30. TUBING RECORD (SIZE, DEPTH SET (MD), PACKER SET (MD)).

Table with 2 columns: 31. PERFORATION RECORD (Interval, size and number) and 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. (DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED).

Table with 8 columns: 33. PRODUCTION (DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N. FOR TEST PERIOD, OIL—BBL., GAS—MCF., WATER—BBL., GAS-OIL RATIO).

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

35. LIST OF ATTACHMENTS

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

SIGNED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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

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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. TL 3507
2. NAME OF OPERATOR Coors Energy Company 303-278-7030		6. IF INDIAN, ALLOTTED OR TRIBE NAME Ute Tribal
3. ADDRESS OF OPERATOR P.O. Box 467, Golden, Colorado 80402		7. UNIT AGREEMENT NAME -----
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 754' FNL, 888' FWL, Sec. 8, NW/4NW/4		8. FARM OR LEASE NAME Ute Tribal
14. PERMIT NO. 43-013-30759		9. WELL NO. 1-8
15. ELEVATIONS (Show whether DP, RT, GA, etc.) 5830' GL		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T5S-R3W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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.)

8/14/85 Perf intervals 4904-09' & 4911-17' with 4" csg. gun & 4 jets per foot.

8/14/85 Radial fraced perfs 4904-09' & 4911-17'

RECEIVED

AUG 22 1985

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

8/20/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Coors Energy Company

3. ADDRESS OF OPERATOR  
P.O. 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  
754' FNL, 888' FWL, Sec. 8, NW/4NW/4

14. PERMIT NO.  
43-013-30759

15. ELEVATIONS (Show whether OF, RT, OR, etc.)  
5830' GL

RECEIVED

AUG 26 1985

DIVISION OF OIL  
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
TL 3507

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribal

7. UNIT AGREEMENT NAME  
-----

8. FARM OR LEASE NAME  
Ute Tribal

9. WELL NO.  
1-8

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 8, T5S-R3W

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

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"/>	FULL 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 checked="" 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 PLANN <input type="checkbox"/>	(Other) _____	(Other) _____

(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.)

8/19/85 Frac intervals 4904'-09' & 4911'-17' as follows:

Pump 8,000 gal. 35 lb. pad with fluid loss, 2000 gal. at 1 ppg., 2000 gal. at 2 ppg., 3500 gal. at 4 ppg., 3000 gal. at 6 ppg., all sand is 20/40 mesh, all fluid gelled 2% KCL water.

Flushed with 53 lb. water when frac screened out with 13,400 lbs. of 6 lb. in formation for a total of 33,400 lbs. of 20/40 sand in formation, left 4600 lbs. of sand in casing.

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

SIGNED *D.S. Sprague* TITLE Director, O/G Operations DATE 8/22/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other [ ]
b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [X] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other: Additional perms

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 754' FNL, 888' FWL, NW/4NW/4
At top prod. interval reported below same
At total depth same

RECEIVED

SEP 30 1985

14. PERMIT NO. 43-013-30759 DIVISION OF OIL GAS & MINING ISSUED 5/9/83

5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-3507

6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Ute Tribal

9. WELL NO. 1-8

10. FIELD AND POOL, OR WILDCAT Antelope Creek

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 8, T5S-R3W

12. COUNTY OR PARISH Duchesne 13. STATE Utah

Table with 5 columns: 15. DATE SPUDDED (5/5/83), 16. DATE T.D. REACHED (5/16/83), 17. DATE COMPL. (Ready to prod.) (7/9/83), 18. ELEVATIONS (DF. RES. RT. GR. ETC.) (5830' GL), 19. ELEV. CASINGHEAD (----)

Table with 5 columns: 20. TOTAL DEPTH, MD & TVD (6410'), 21. PLUG, BACK T.D., MD & TVD (6302'), 22. IF MULTIPLE COMPL., HOW MANY (----), 23. INTERVALS DRILLED BY (----), 24. ROTARY TOOLS (0-6410'), 25. CABLE TOOLS (no)

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 6296-4904' Green River Formation

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED no

28. CASING RECORD (Report all strings set in well) Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED

29. LINER RECORD Table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD)
30. TUBING RECORD Table with columns: SIZE (2-7/8"), DEPTH SET (MD) (4823'), PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 4904-09' and 4911-17' w/4 SPF
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Table with columns: DEPTH INTERVAL (MD) (4904-4917'), AMOUNT AND KIND OF MATERIAL USED (performed radial frac first followed by 18,500 gals gel water & 33,400# 20/40 sand)

33. PRODUCTION Table with columns: DATE FIRST PRODUCTION (8/31/85 - Resumed), PRODUCTION METHOD (Pumping, 2 1/2" x 1 1/2" x 16' Trico pump), WELL STATUS (Producing or Shut-in) (Producing), DATE OF TEST (9/24/85), HOURS TESTED (24), CHOKED SIZE (----), PROD'N. FOR TEST PERIOD (15), OIL-BBL. (15), GAS-MCF. (70), WATER-BBL. (----), GAS-OIL RATIO (4667), FLOW. TUBING PRESS. (40), CASING PRESSURE (280), CALCULATED 24-HOUR RATE (15), OIL-BBL. (15), GAS-MCF. (70), WATER-BBL. (----), OIL GRAVITY-API (CORR.) (40+)

34. DISPOSITION OF GAS (Bold, used for fuel, vented, etc.) Will be sold TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED: R. L. Martin TITLE: V.P. O/G Operations DATE: 9-26-85

# 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 35.

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.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
Green River:	1270'				
Green River (Parachute Creek):	2670'				
Green River (Garden Gulch):	3390'				
Green River (Upper Doug-Las Creek):	4430'				

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

RECEIVED

(Other instructions on reverse side)

OCT 11 1985

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(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.)</small></p>		<p>3. LEASE DESIGNATION AND SERIAL NO. -----</p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe</p>
<p>2. NAME OF OPERATOR Coors Energy Company</p>		<p>7. UNIT AGREEMENT NAME -----</p>
<p>3. ADDRESS OF OPERATOR PO Box 467, Golden, Colorado 80402</p>		<p>8. FARM OR LEASE NAME Ute Tribal</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface</p>		<p>9. WELL NO. -----</p>
<p>14. PERMIT NO. -----</p>		<p>10. FIELD AND POOL, OR WILDCAT Antelope Creek</p>
<p>15. ELEVATIONS (Show whether of, ft., or, etc.) -----</p>		<p>11. SEC. T., R., M., OR BLK. AND SUBST. OR L&amp;A T5S-R3W, Secs 3-33</p>
<p>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</p>		<p>12. COUNTY OR PARISH 13. STATE Duchesne Utah</p>

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>First day of Gas Production</u>	
(Other) _____			

(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.)

Our wells located in Antelope Creek Field, Duchesne County, Utah in T5S-R3W, Sections 3-33 were turned into the gas pipeline October 3, 1985.

The following is the list of wells which are now producing gas:

Ute Tribal 1-3, Section 3 ✓	Ute Tribal 2-20, Section 20
" 1-4 " 4	" 1-21 " 21
" 1-5 " 5	" 1-28 " 28
" 1-6 " 6	" 1-29 " 29
" 1-7 " 7	" 1-30 " 30
" 1-8 " 8	" 1-31 " 31
" 2-9 " 9	" 1-32 " 32
" 1-10 " 10	" 1-33 " 33
" 2-7 " 7	" 3-4 " 4
" 3-7 " 7	
" 1-18 " 18	
" 1-15 " 15	
" 1-16 " 16	
" 1-17 " 17	
" 1-19 " 19	
" 1-20 " 20	

Gas sales from the above wells are made to:  
Grand Valley Gas Transmission Company  
47 West 200 South, Suite 510  
Salt Lake City, Utah 84101

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

SIGNED [Signature] TITLE Director, O/G Operations DATE 10/9/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

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-H62-3507

6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Ute Tribal

9. WELL NO. 1-8

10. FIELD AND POOL, OR WILDCAT Antelope Creek

11. SEC., T., R., M., OR BLK. AND SUBVY OR ABBA Sec. 8, 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 754' FNL, 888' FWL, NW/4NW/4

14. PERMIT NO. 43-013-30759

15. ELEVATIONS (Show whether OF, RT, OR, etc.) 5830' GL

RECEIVED

OCT 31 1985

DIVISION OF OIL  
GAS & MINING

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 checked="" 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) <input type="checkbox"/>	
(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.)

10/7/85 Perf'd at 4193-4201' and 4114-21' w/1 SPF.

10/8 to 10/9/85 Fraced well w/58,000# 20/40 sand, 18,000# 10/20 sand and 35 bbls 7½% acid, 45,250 gals X-link gel water.

10/10 to 10/14/85 Swabbed well. Perf'd from 3989-96' and 3974-84' w/2 SPF.

10/15/85 Fraced 3974-3996' w/28000 gals X-link gel water, 47,000# 20/40 sand, 12,000# 10/40 sand.

10/16 to 10/28/85 Swabbed well, WO test and presently flow testing.

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

SIGNED R. L. Martin TITLE V.P. O/G Operations DATE 10-29-85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT IN DUPLICATE\*  
(See other instructions  
on reverse side)

4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-H62-3507

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribe

7. UNIT AGREEMENT NAME  
---

8. FARM OR LEASE NAME  
Ute Tribal

9. WELL NO.  
1-8

10. FIELD AND POOL, OR WILDCAT  
Antelope Creek

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA  
Sec. 8, T5S-R3W

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

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 regulations)  
At surface 754' FNL, 888' FWL, NW/4NW/4  
At top prod. interval reported below same  
At total depth same

RECEIVED  
DEC 16 1985

14. PERMIT NO. 43-013-30759  
DATE ISSUED 5/9/83

15. DATE SPUNDED 5/5/83  
16. DATE T.D. REACHED 5/16/83  
17. DATE COMPL. (Ready to prod.) 10/29/85  
18. ELEVATIONS (OF. RES. BY, OR, ETC.)\* 5830' GL  
19. SLEV. CABINHEAD ---

20. TOTAL DEPTH, MD & TVD 6410'  
21. PLUG, BACK T.D., MD & TVD 6302'  
22. IF MULTIPLE COMPL. HOW MANY\* ---  
23. INTERVALS DRILLED BY ---  
ROTARY TOOLS 0-6410'  
CABLE TOOLS ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
6296-3974', Green River  
25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN ---  
27. WAS WELL CORED no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
On original					

29. LINER RECORD

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

30. TUBING RECORD

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

31. PERFORATION RECORD (Interval, size and number)

4193-4201; 4114-21' w/1 SPF	3989-96', 3974-84' w/2 SPF
-----------------------------	----------------------------

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4201-4114'	58000# 20/40, 18000# 10/20 sand, 48250 gals water, 35 bbls 7 1/2% acid
3996-3974'	28000 gals wtr, 47000# 20/40

33. PRODUCTION 12000# 10/20 sand  
DATE FIRST PRODUCTION 10/29/85  
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing  
WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 12/5/85  
HOURS TESTED 24  
CHOKER SIZE 30/64"

PROD'N. FOR TEST PERIOD  
OIL—BSL 39  
GAS—MCF. 110  
WATER—BSL 18  
GAS-OIL RATIO 2820

FLOW. TUBING PRESS. 200  
CASING PRESSURE ---  
CALCULATED 24-HOUR RATE ---  
OIL—BSL 39  
GAS—MCF. 110  
WATER—BSL 18  
OIL GRAVITY-API (CORR.) ---

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

35. LIST OF ATTACHMENTS  
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED R. L. Martin TITLE V.P. O/G Operations DATE 12-11-85

\*(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 36.

**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	TRUE VERT. DEPTH
38. GEOLOGIC MARKERS						

On original



UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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)
4301331187	UTE TRIBAL #2-10	09378 05S 03W 10 ✓	GRRV		14-20-H62-3509		
4301330806	UTE TRIBAL 1-33	09379 05S 03W 33 ✓	GRRV		14-20-H62-3522		
4301330824	UTE TRIBAL 2-5	09380 05S 03W 5 ✓	GRRV		14-20-H62-3504		
4301330825	UTE TRIBAL 2-7	09381 05S 03W 7 ✓	GRRV		14-20-H62-3506		
4301331188	UTE TRIBAL #2-31	09382 05S 03W 31 ✓	GRRV		14-20-H62-3520		
4301330828	UTE TRIBAL 3-7	09383 05S 03W 7 ✓	GRRV		14-20-H62-3506		
4301330823	UTE TRIBAL 1-3	09384 05S 03W 3 ✓	GRRV		14-20-H62-3502		
4301331097	UTE TRIBAL #2-3	09384 05S 03W 3 ✓	GRRV		"		
4301330759	UTE TRIBAL 1-8	09386 05S 03W 8 ✓	GRRV		14-20-H62-3507		
4301330826	UTE TRIBAL 2-8	09386 05S 03W 8 ✓	GRRV		"		
4301331101	UTE TRIBAL #3-8	09386 05S 03W 8 ✓	GRRV		"		
4301331164	UTE TRIBAL #4-8	09386 05S 03W 8 ✓	GRRV		"		
4301331307	UTE TRIBAL 5-8	09386 05S 03W 8 ✓	GRRV		"		
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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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:

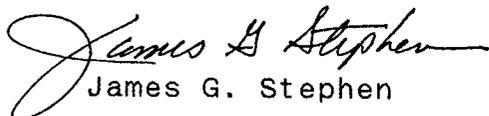
Enclosed please find a listing of wells purchased from Coors Energy Company. These are all the wells on which Evertson Oil Company, Inc. will be taking over operations effective September 1, 1992.

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

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

Routing:

1- LGR/CHE	✓
2- DTS/LS	✓
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. *EH. 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

- 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).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 12-7-92 1992. If yes, division response was made by letter dated 12-7-92 1992.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 12-7-92 1992, 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.
- 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

- 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

921125 Btm/Vernal "Operator still Coors Energy - Waiting on BIA approval."  
 921125 Operator changed per admin.

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 new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT for such proposals.

6. Lease Designation and Serial Number

14-20-H62-3507

7. Indian Allottee or Tribe Name

UTE TRIBE

8. Unit or Communitization Agreement

9. Well Name and Number

UTE TRIBAL #1-8

10. API Well Number

43-013-30759

11. Field and Pool, or Wildcat

ANTELOPE CREEK FIELD

Type of Well  
 Oil Well     Gas Well     Other (specify)

Name of Operator  
EVERTSON OIL COMPANY INC.

Address of Operator  
P.O. BOX 397 KIMBALL, NE 69145

4. Telephone Number  
(308) 235-4871

Location of Well  
Footage : 754' FNL 888' FWL  
QQ, Sec, T., R., M. : NW4 NW4 SEC 8 T5S R3W

County : DUCHESNE  
State : UTAH

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
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

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

Approximate Date Work Will Start AUGUST 16, 1993

Date of Work Completion \_\_\_\_\_

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.

3. 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.)

PERFORATE, 4 SHOTS PER FOOT (40 TOTAL SHOTS), FROM 2736' - 2746'. BREAK PERFORATIONS WITH 2500 GALLONS OF 2% KCL WATER. TREAT GREEN RIVER FORMATION FROM 2736' - 2746' WITH 34,000 GALLONS OF 2% KCL GELLED WATER AND 50,000 POUNDS OF 16/30 SAND, AND 21,000 POUNDS OF 12/20 SAND.

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

RECEIVED

AUG 12 1993

DATE: 8-12-93  
BY: J. Matthews

DIVISION OF  
OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name & Signature David J. Kouch

Title PRODUCTION ACCOUNTING Date AUGUST 9, 1993

(Date Use Only)

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

6. Lease Designation and Serial Number

14-20-H62-3507

7. Indian Allottee or Tribe Name

UTE TRIBE

8. Unit or Communitization Agreement

9. Well Name and Number

UTE TRIBAL #1-8

10. API Well Number

43-013-30759

11. Field and Pool, or Wildcat

ANTELOPE CREEK FIELD

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 for such proposals.

Type of Well

Oil Well     Gas Well     Other (specify)

Name of Operator

EVERTSON OIL COMPANY

Address of Operator

P.O. BOX 397 KIMBALL, NE 69145

4. Telephone Number

(308) 235-4871

Location of Well

Footage : 754' FNL 888' Fw1  
QQ, Sec, T., R., M. : NW4 NW4 SEC 8 T5S R3W

County : DUCHESNE

State : UTAH

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
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandonment \*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other DID NOT FRAC
- 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 LOG form.

\* Must be accompanied by a cement verification report.

3. 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.)

DID NOT PERFORM WORK SUBMITTED ON FORM 9, DATED AUGUST 9, 1993

RECEIVED

AUG 27 1993

DIVISION OF  
OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name & Signature

*David J. Kowach*

Title PRODUCTION ACCOUNTING Date 8/24/93

(Date Use Only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	5. Lease Designation and Serial No. <b>14-20-H62-3507</b>
2. Name of Operator <b>Petroglyph Operating Company, Inc.</b>	6. If Indian, Allottee or Tribe Name <b>Ute Indian Tribe</b>
3. Address and Telephone No. <b>6209 N. Highway 61 Hutchinson, KS 67502   (316) 665-8500</b>	7. If Unit or CA, Agreement Designation <b>14-20-H62-4650</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>NWNW 754 FNL &amp; 888 FWL 8-5S-3W</b>	8. Well Name and No. <b>Ute Tribal 1-8</b>
	9. API Well No. <b>43-013-30759</b>
	10. Field and Pool, or Exploratory Area <b>Antelope Creek</b>
	11. County or Parish, State <b>Duchesne County, UT</b>

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

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

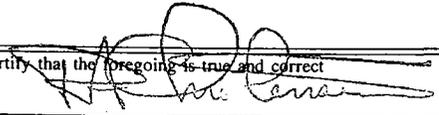
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

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 08-04**. 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:

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

\*See Instruction on Reverse Side

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

AgrmtNbt	LeaseNbr	LeaseName	Old	New	API	Footage	Field	Town	Range	Sec	Qtr
14-20-H62-4650	14-20-H62-3509	Ute Tribal	1-10	10-12	43-013-30805	2001 FSL & 600 FWL	Antelope Creek	5S	3W	10	NWSW
14-20-H62-4650	14-20-H62-3510	Ute Tribal	1-15	15-04	43-013-30880	907 FNL & 515 FWL	Antelope Creek	5S	3W	15	NWNW
14-20-H62-4650	14-20-H62-3511	Ute Tribal	1-16	16-16	43-013-30804	505 FSL & 600 FEL	Antelope Creek	5S	3W	16	SESE
14-20-H62-4650	14-20-H62-4633	Ute Tribal	1-17	17-01	43-013-30790	638 FNL & 610 FEL	Antelope Creek	5S	3W	17	NENE
14-20-H62-4650	14-20-H62-3513	Ute Tribal	1-18	18-01	43-013-30761	550 FNL & 521 FEL	Antelope Creek	5S	3W	18	NENE
14-20-H62-4650	14-20-H62-3514	Ute Tribal	1-19	19-16	43-013-30803	556 FSL & 603 FEL	Antelope Creek	5S	3W	19	SESE
14-20-H62-4650	14-20-H62-3515	Ute Tribal	1-20	20-02	43-013-30764	404 FNL & 1539 FEL	Antelope Creek	5S	3W	20	NWNE
14-20-H62-4650	14-20-H62-3516	Ute Tribal	1-21	21-13	43-013-30883	611 FSL & 786 FWL	Antelope Creek	5S	3W	21	SWSW
14-20-H62-4650	14-20-H62-3517	Ute Tribal	1-28	28-05	43-013-30802	2583 FNL & 712 FWL	Antelope Creek	5S	3W	28	SWNW
14-20-H62-4650	14-20-H62-3518	Ute Tribal	1-29 inj	29-09 inj	43-013-30763	1324 FSL & 1160 FEL	Antelope Creek	5S	3W	29	NESE
14-20-H62-4650	14-20-H62-3502	Ute Tribal	1-3	03-13	43-013-30823	659 FSL & 659 FWL	Antelope Creek	5S	3W	3	SWSW
14-20-H62-4650	14-20-H62-3519	Ute Tribal	1-30	30-07	43-013-30852	1980 FNL & 1980 FEL	Antelope Creek	5S	3W	30	SWNE
14-20-H62-4650	14-20-H62-3520	Ute Tribal	1-31	31-02	43-013-30827	519 FNL & 1942 FEL	Antelope Creek	5S	3W	31	NWNE
14-20-H62-4650	14-20-H62-3521	Ute Tribal	1-32	32-08	43-013-30853	2100 FNL & 660 FEL	Antelope Creek	5S	3W	32	SENE
14-20-H62-4650	14-20-H62-3522	Ute Tribal	1-33	33-04	43-013-30806	723 FNL & 802 FWL	Antelope Creek	5S	3W	33	NWNW
14-20-H62-4650	14-20-H62-3503	Ute Tribal	1-4	04-01	43-013-30762	1331 FNL & 1277 FEL	Antelope Creek	5S	3W	4	NENE
14-20-H62-4650	14-20-H62-3504	Ute Tribal	1-5	05-07	43-013-30785	2430 FNL & 1777 FEL	Antelope Creek	5S	3W	5	SWNE
14-20-H62-4650	14-20-H62-3505	Ute Tribal	1-6	06-16	43-013-30793	833 FSL & 902 FEL	Antelope Creek	5S	3W	6	SESE
14-20-H62-4650	14-20-H62-3506	Ute Tribal	1-7	07-14	43-013-30788	559 FSL & 1957 FWL	Antelope Creek	5S	3W	7	SESW
14-20-H62-4650	14-20-H62-3507	Ute Tribal	1-8 inj	08-04 inj	43-013-30759	754 FNL & 888 FWL	Antelope Creek	5S	3W	8	NWNW
14-20-H62-4650	14-20-H62-3504	Ute Tribal	11-5	05-09	43-013-31468	2150 FSL & 639 FEL	Antelope Creek	5S	3W	5	NESE
14-20-H62-4650	14-20-H62-3517	Ute Tribal	12-28	28-12	43-013-31629	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-H62-3504	Ute Tribal	16-5	05-16	43-013-31527	708 FSL & 523 FEL	Antelope Creek	5S	3W	5	SESE
14-20-H62-4650	14-20-H62-3506	Ute Tribal	16-7	07-16	43-013-31463	440 FSL & 410 FEL	Antelope Creek	5S	3W	7	SESE
14-20-H62-4650	14-20-H62-3507	Ute Tribal	1A-8	08-01	43-013-31568	660 FSL & 660 FEL	Antelope Creek	5S	3W	8	NENE
14-20-H62-4650	14-20-H62-3509	Ute Tribal	2-10	10-03	43-013-31187	600 FNL & 1650 FWL	Antelope Creek	5S	3W	10	NENW
14-20-H62-4650	14-20-H62-3511	Ute Tribal	2-16	16-13	43-013-31166	750 FSL & 500 FWL	Antelope Creek	5S	3W	16	SWSW
14-20-H62-4650	14-20-H62-3513	Ute Tribal	2-18	18-08	43-013-30861	1929 FNL & 612 FEL	Antelope Creek	5S	3W	18	SENE
14-20-H62-4650	14-20-H62-3515	Ute Tribal	2-20	20-07	43-013-30882	1980 FNL & 1980 FEL	Antelope Creek	5S	3W	20	SWNE
14-20-H62-4650	14-20-H62-3518	Ute Tribal	2-29	29-16	43-013-30849	500 FSL & 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 & 688 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-H62-3503	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	43-013-31594		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

# **PETROGLYPH** Operating Company, Inc.

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

January 26, 1996

JAN 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:

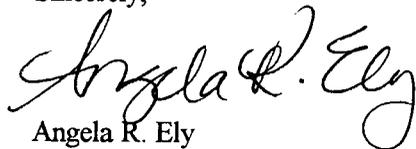
In an effort to bring all of the existing wells and wells to be drilled into a uniform numbering system, based on 40 acre locations and 16 wells per section, each well name will be changed to consist of its section location followed by the correct number of its well spot.

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

# 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 (DEL?)
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

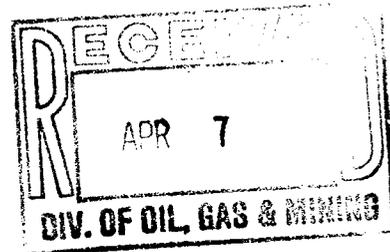
ROBERT B. MORTON  
EVA POWERS\*  
OF COUNSEL

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

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,

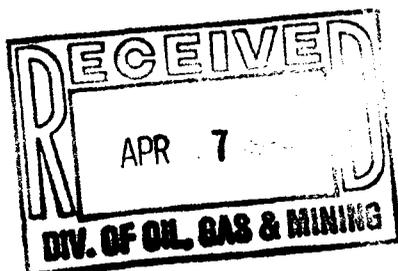


Roger L. Theis  
For the Firm

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

*[Signature]* )  
 475 17th Street, Suite 1500 )  
 P. O. Denver, CO 80202 )

*Janet K. Specht* )  
 475 17th Street, Suite 1500 )  
 P. O. Denver, CO 80202 )

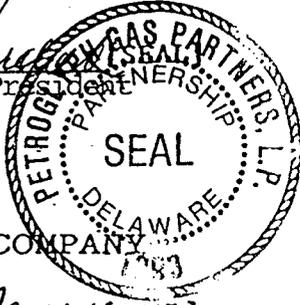
\* Two witnesses to all signatures

APPROVED:

PETROGLYPH GAS PARTNERS, L. P.

BY: PETROGLYPH ENERGY, INC.,  
 General Partner

as to *Robert C. Murdock*  
 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 *Kyle B. Miller* [SEAL]  
 KYLE B. MILLER, President

DEPARTMENT OF THE INTERIOR  
 Bureau of Indian Affairs

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.



Margo 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



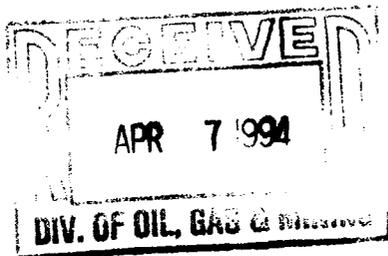
Greg E. Chilson

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 Street, #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 Operating Company, 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 G. Thode* )

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

By: *A. K. [Signature]* )

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

By: *Nancy Cruz* )

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

By: *Sue [Signature]* )

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

*[Signature]* )

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

*James K. [Signature]* )

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

\* Two witnesses to all signatures

APPROVED:

PETROGLYPH OPERATING COMPANY, INC.

as to *R. A. Christensen* )  
R. A. CHRISTENSEN, President )  


PLANET INDEMNITY COMPANY

as to *Mildred L. Massey* ) [SEAL]

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

as to *[Signature]* ) [SEAL]

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 of E.H. Frank, III]

E.H. Frank, III

President

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 of Nancy J. Brenowitz]

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 of Greg E. Chilson]

Greg E. Chilson

Assistant Secretary

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

5. Lease Designation and Serial Number:  
14-20-H62- 3507

SUNDRY NOTICES AND REPORTS ON WELLS

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

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.

7. Unit Agreement Name:  
N/A

1. Type of Well: OIL  GAS  OTHER:

8. Well Name and Number:  
Ute Tribal 1-8

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

9. API Well Number:  
43-013- 30759

3. Address and Telephone Number:  
P. O. BOX 1807, Hutchinson, KS 67504-1807 316-665-8500

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

4. Location of Well  
Footages: 754'FNL & 888'FWL

County: DUCHESNE

CO. Sec., T., R., M.: NW NW 8- T5S-R3W, U.S.M.

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 of 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 LOG 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: [Signature]

Title: President

Date: 2-25-94

R. A. CHRISTENSEN

(This space for State use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:  
14-20-H62- 3507

SUNDRY NOTICES AND REPORTS ON WELLS

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

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.

7. Unit Agreement Name:  
N/A

1. Type of Well: OIL  GAS  OTHER:

8. Well Name and Number:  
Ute Tribal 1-8

2. Name of Operator:  
EVERTSON OIL COMPANY, INC.

9. API Well Number:  
43-013- 30759

3. Address and Telephone Number:  
P.O. Box 397, Kimball, NE 69145 308-235-4871

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

4. Location of Well  
Footage: 754' ENL & 888' FWL  
CO. Sec., T., R., M.: NW NW 8- 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)

- |   |   |
|---|---|
| <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> |   |

Approximate date of change of work 3-1-94

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |  |   |
|--|---|
| <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 _____             |   |

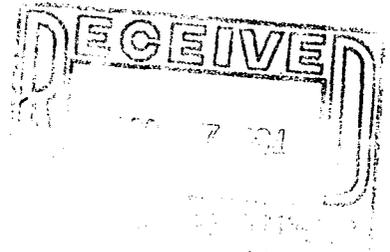
Date of work completion \_\_\_\_\_

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.

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: Bruce F. Evertson

Title: V. President

Date: 2-25-94

(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-H62-3507

and hereby designates

NAME: PETROGLYPH OPERATING COMPANY, INC.

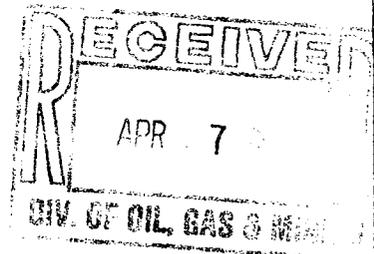
ADDRESS: P.O.Box 1807, Hutchinson, KS 67504-1807

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 SEC. 8

UTE 1-8, 43-013-30759; UTE 2-8, 43-013-30826; UTE 3-8, 43-013-3 1101; UTE 4-8, 43-013-31164; UTE 5-8, 43-013-31307



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

PETROGLYPH GAS PARTNERS, L.P.

OF: (Company) BY PETROGLYPH ENERGY, INC.,

(Signature) *Robert C. Murdock*

GENERAL PARTNER

(Address) P. O. BOX 1807

(Title) PRESIDENT OF PETROGLYPH ENERGY, INC.

Hutchinson, KS 67504-1807

(Phone) 316-665-8500

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-H62-3507

and hereby designates

NAME: PETROGLYPH OPERATING COMPANY, INC.

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

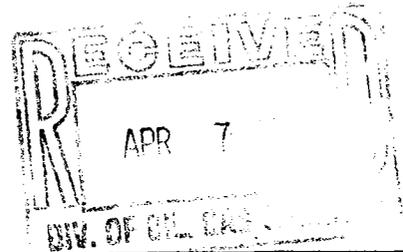
as his agent  operator  with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules 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 SEC. 8

UTE 1-8, 43-013-30759; UTE 2-8, 43-013-30826; UTE 3-8, 43-013-3 1101; UTE 4-8, 43-013-31164; UTE 5-8, 43-013-31307

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.

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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) *Kyle R. Miller*

(Title) President

(Phone) 303-292-0900

OF: (Company) INLAND RESOURCES INC.

(Address) 475 Seventeenth St., Suite 1500

Denver, CO 80202

*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

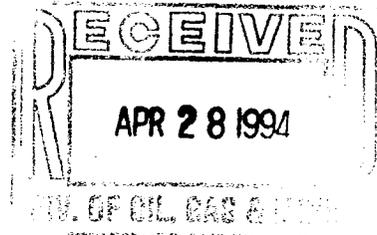
ROBERT B. MORTON  
EVA POWERS\*  
OF COUNSEL

VERNE M. LAING  
RETIRED

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

April 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 at the end.

Roger L. Theis  
For the Firm

RLT:mk

Enclosures

cc: Robert A. Christensen



# 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 9 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

Metroglyph - 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>
14-20-H62-3502	3	✓ Ute Tribal 1-3 ✓ Ute Tribal 2-3	SWSW SESW
14-20-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
14-20-H62-3504	5	✓ Ute Tribal 1-5 ✓ Ute Tribal 2-5 ✓ Ute Tribal 3-5 E3 ✓ Ute Tribal 4-5	SWNE SWSW NWSE SENE
14-20-H62-3505	6	✓ Ute Tribal 1-6* ✓ Ute Tribal 3-6	SESE SENE
14-20-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 NWNE 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**

Routing:

1-	LEC	7	GIL
2-	LWP	7-PL	✓
3-	DTB	8-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>N3800</u>		account no. <u>N6350</u>

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

Name: <b>**SEE ATTACHED**</b>	API: <u>013-30759</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: _____

**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: #C0180242. *(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

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

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      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.
- OTS  
7/21/94
- 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 Btm/Vernal 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 1992

## 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

81 55

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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**

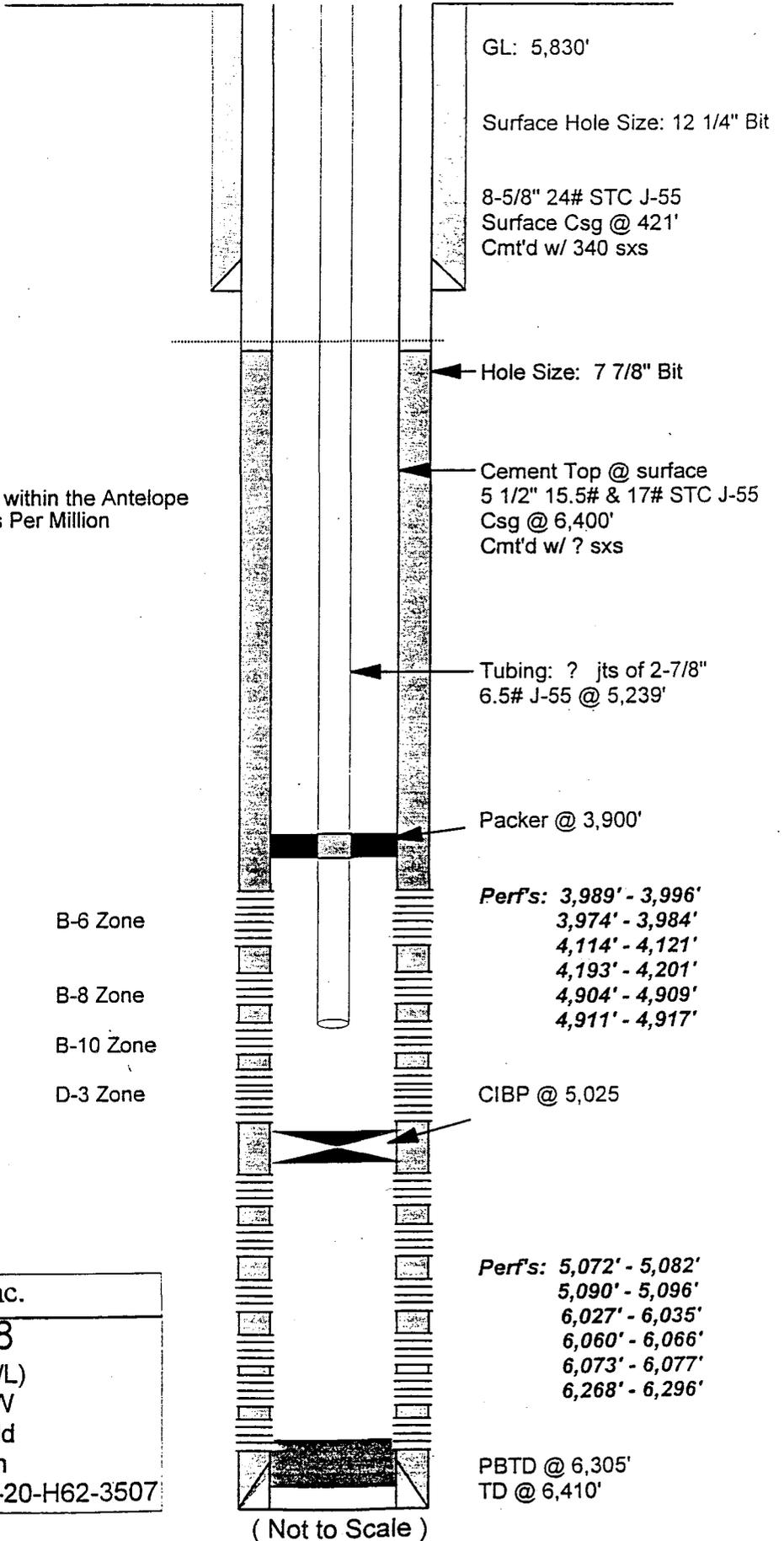
Water Samples and Locations

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



B-6 Zone

B-8 Zone

B-10 Zone

D-3 Zone

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**

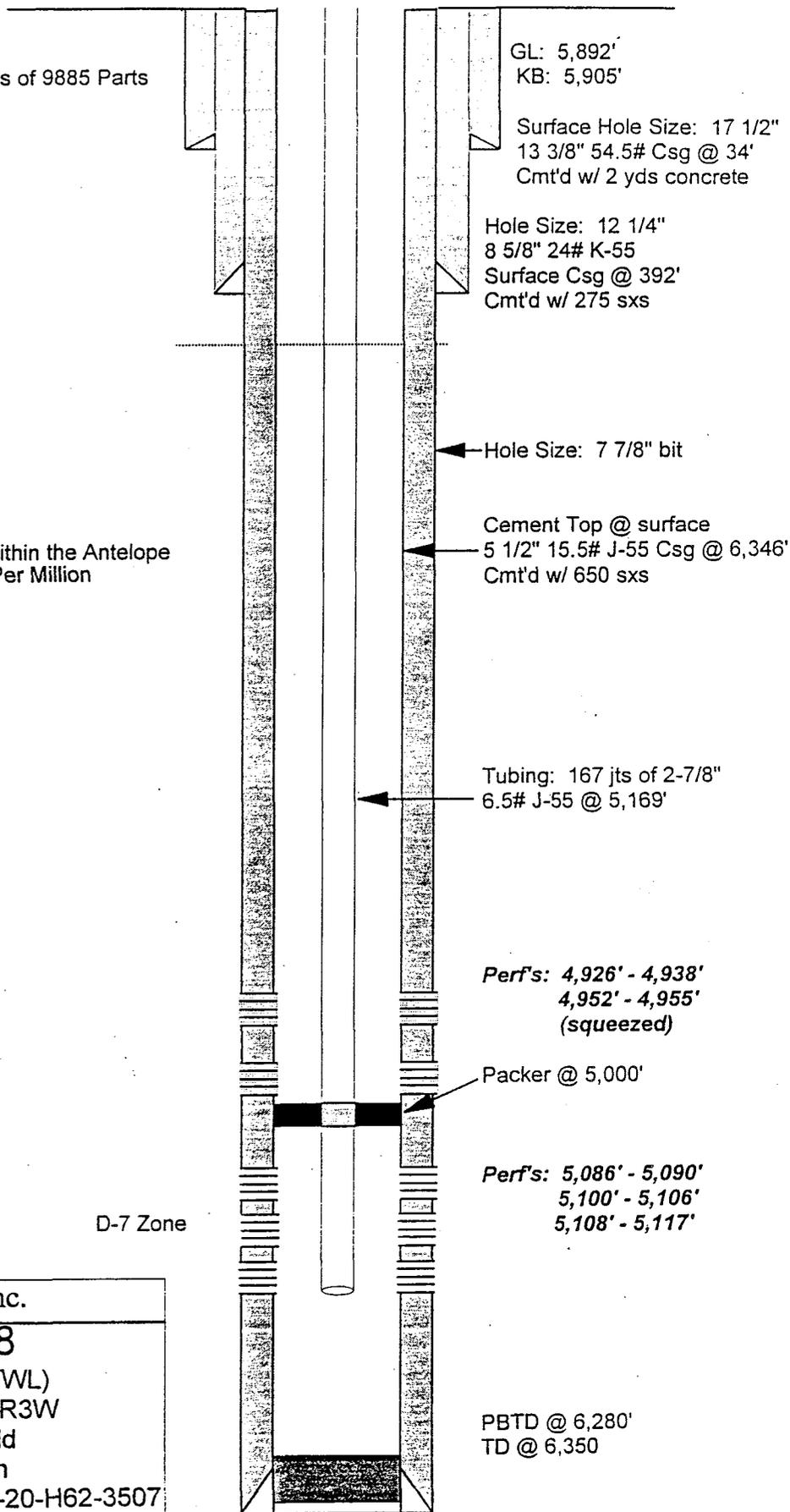
Water Samples and Locations

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

( Not to Scale )

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

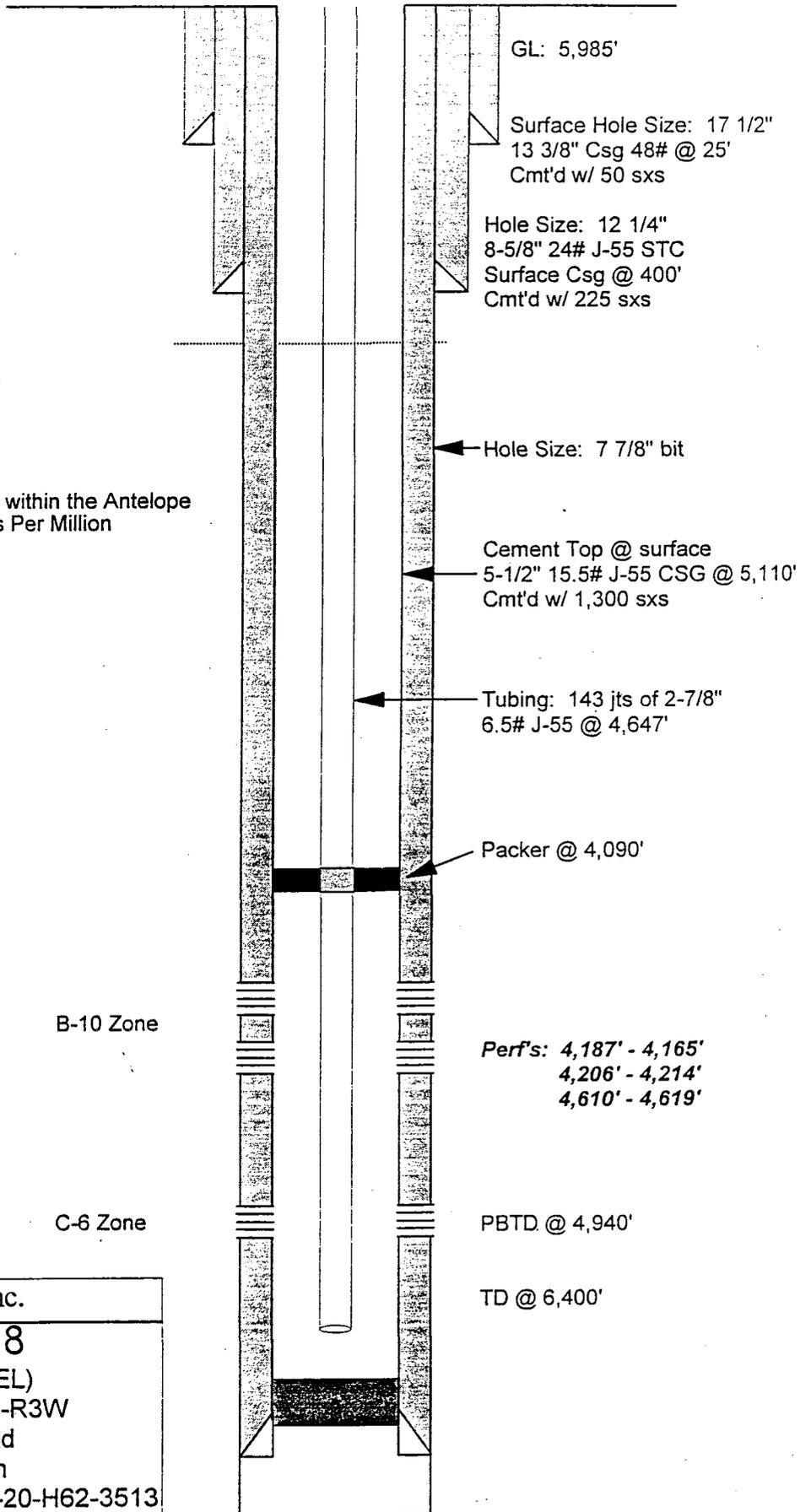
Water Samples and Locations

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)



<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-H62-3513</p>
---

( Not to Scale )

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

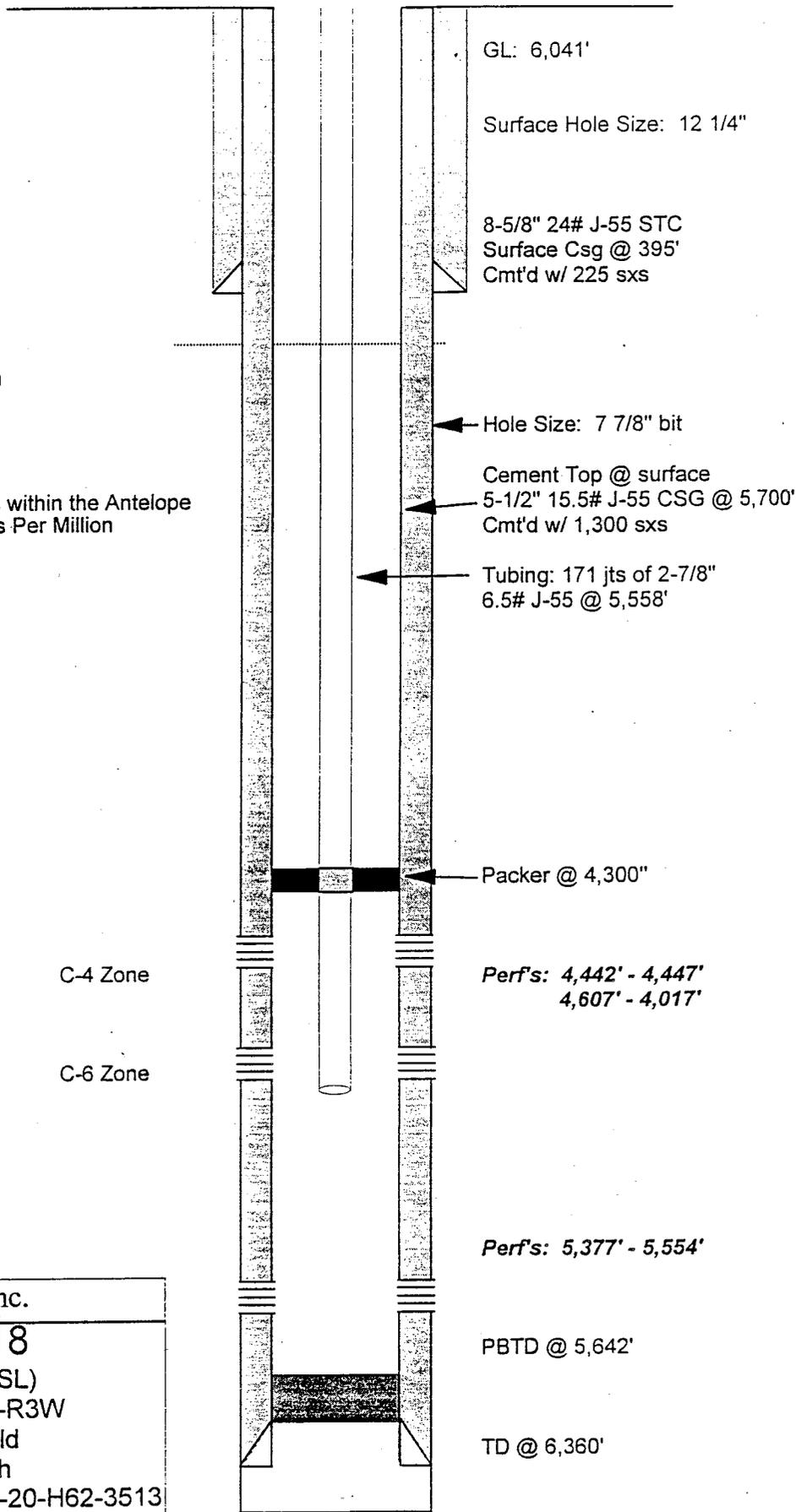
Water Samples and Locations

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 align="center"><b>Inland Resources Inc.</b> <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 )

## 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 <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage <input type="checkbox"/> Class III <input type="checkbox"/> Other		WELL STATUS <input type="checkbox"/> Operating <input type="checkbox"/> Modification/Conversion <input type="checkbox"/> Proposed		
		TYPE OF PERMIT <input type="checkbox"/> Individual <input type="checkbox"/> 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

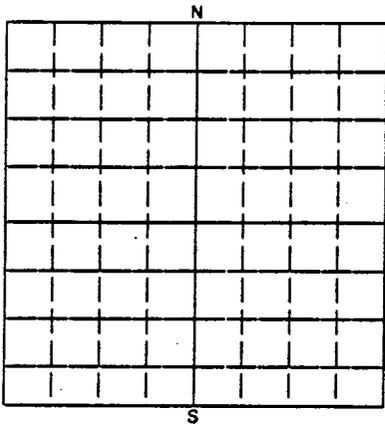
**COMPLETION REPORT FOR BRINE DISPOSAL,  
HYDROCARBON STORAGE, OR ENHANCED RECOVERY WELL**

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

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

TYPE OF PERMIT

- Brine Disposal       Individual  
 Enhanced Recovery       Area  
 Hydrocarbon Storage      Number of Wells \_\_\_\_

Estimated Fracture Pressure  
of Injection Zone

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))

- Salt Water       Brackish Water       Fresh Water  
 Liquid Hydrocarbon       Other

Lease Name

Well Number

Name of Injection Zone

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> </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 _____ Total Depth After Rework _____ Date Rework Commenced _____ Date Rework Completed _____	TYPE OF PERMIT <input type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells _____  Well Number _____																																																																

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

WELL CASING RECORD — AFTER REWORK (Indicate Additions and Changes Only)						
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 (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

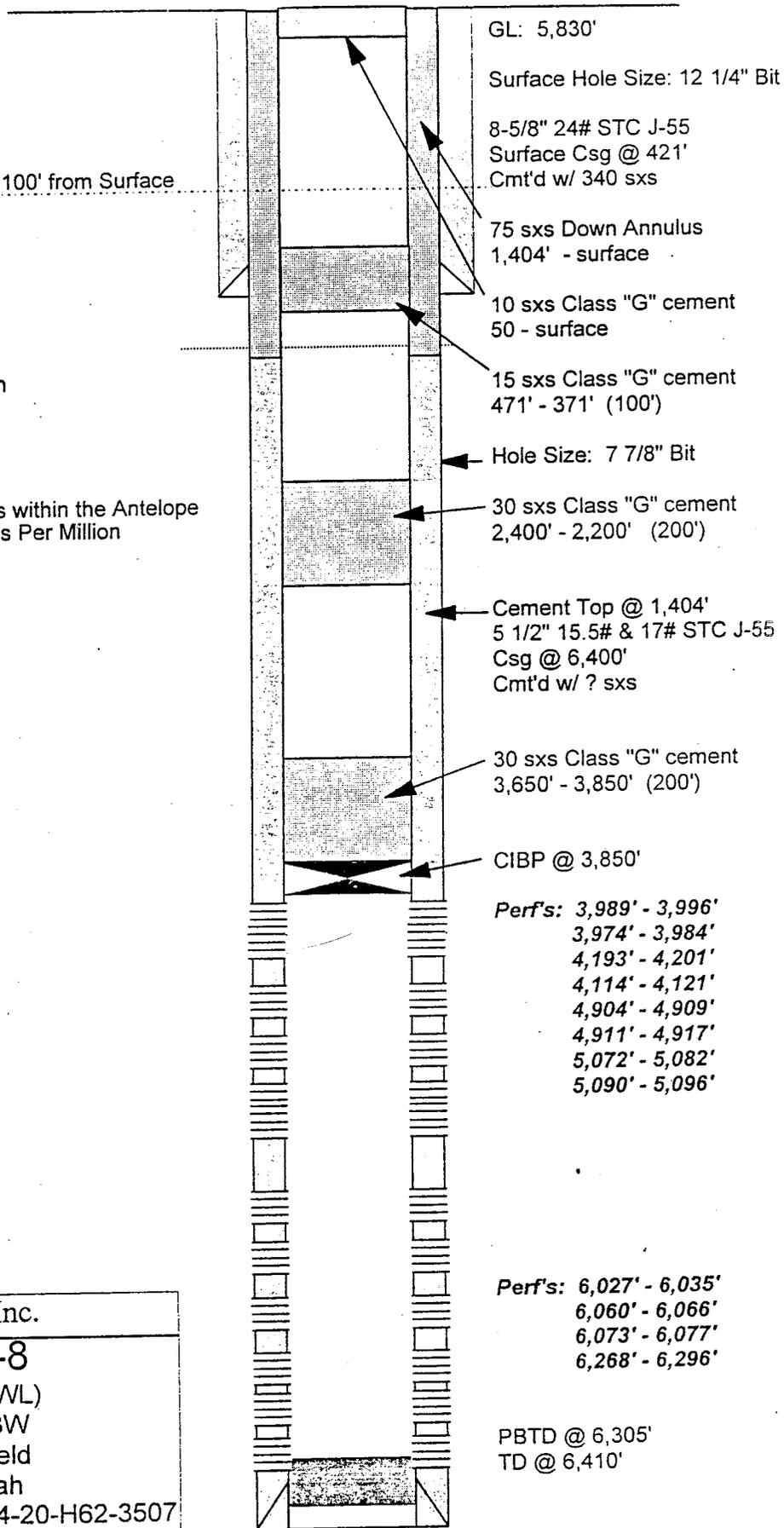
No USDW found in Uinta Formation

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



<p>Inland Resources Inc.</p> <p><b>Ute Tribal 1-8</b></p> <p>(754' FNL &amp; 888' FWL)</p> <p>NW NW 8-T5S-R3W</p> <p>Antelope Creek Field</p> <p>Duchesne Co, Utah</p> <p>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

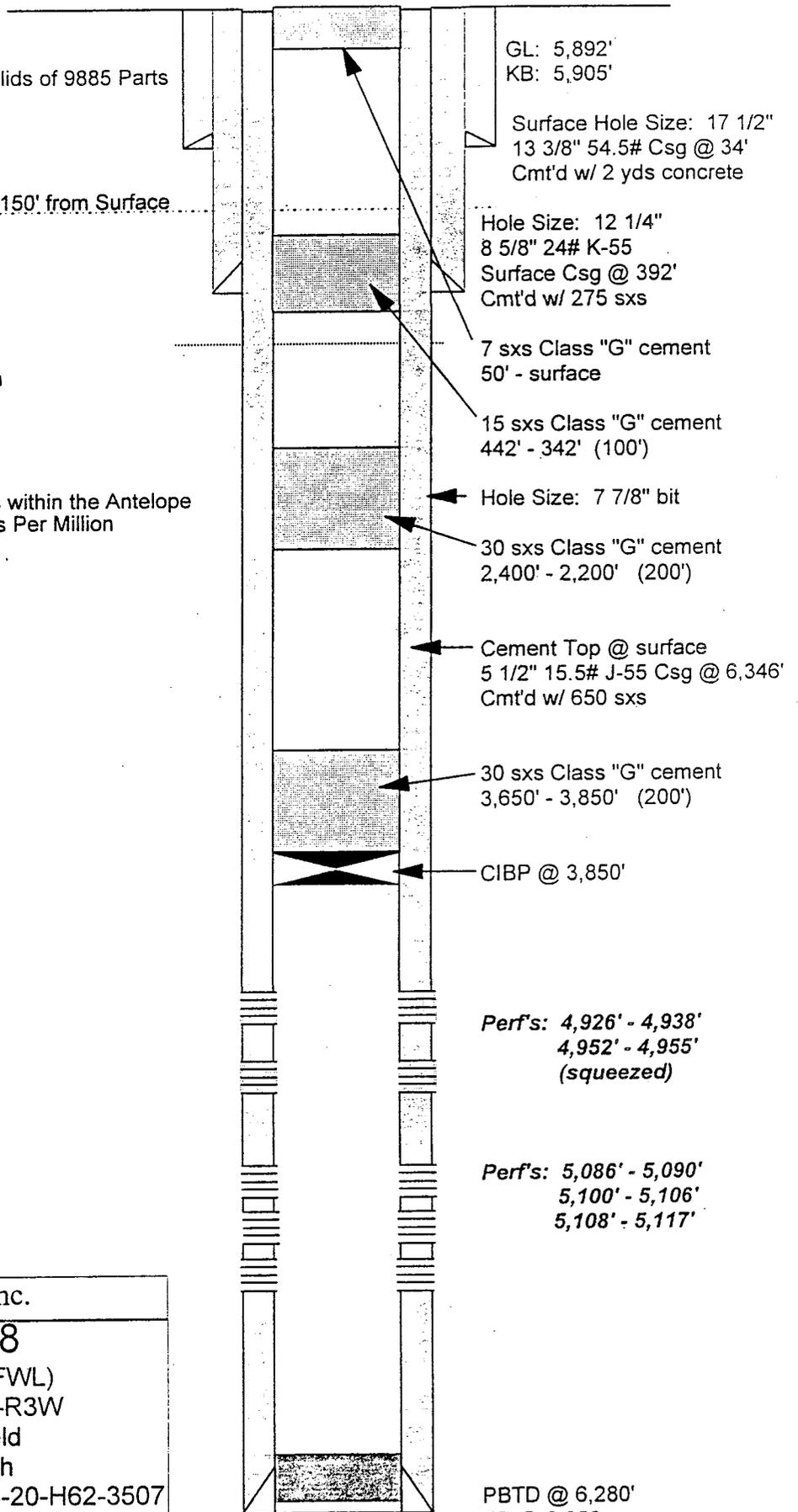
USDW found in Uinta Formation  
Water found at 200' with total dissolved solids of 9885 Parts Per Million

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

( Not to Scale )

# 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

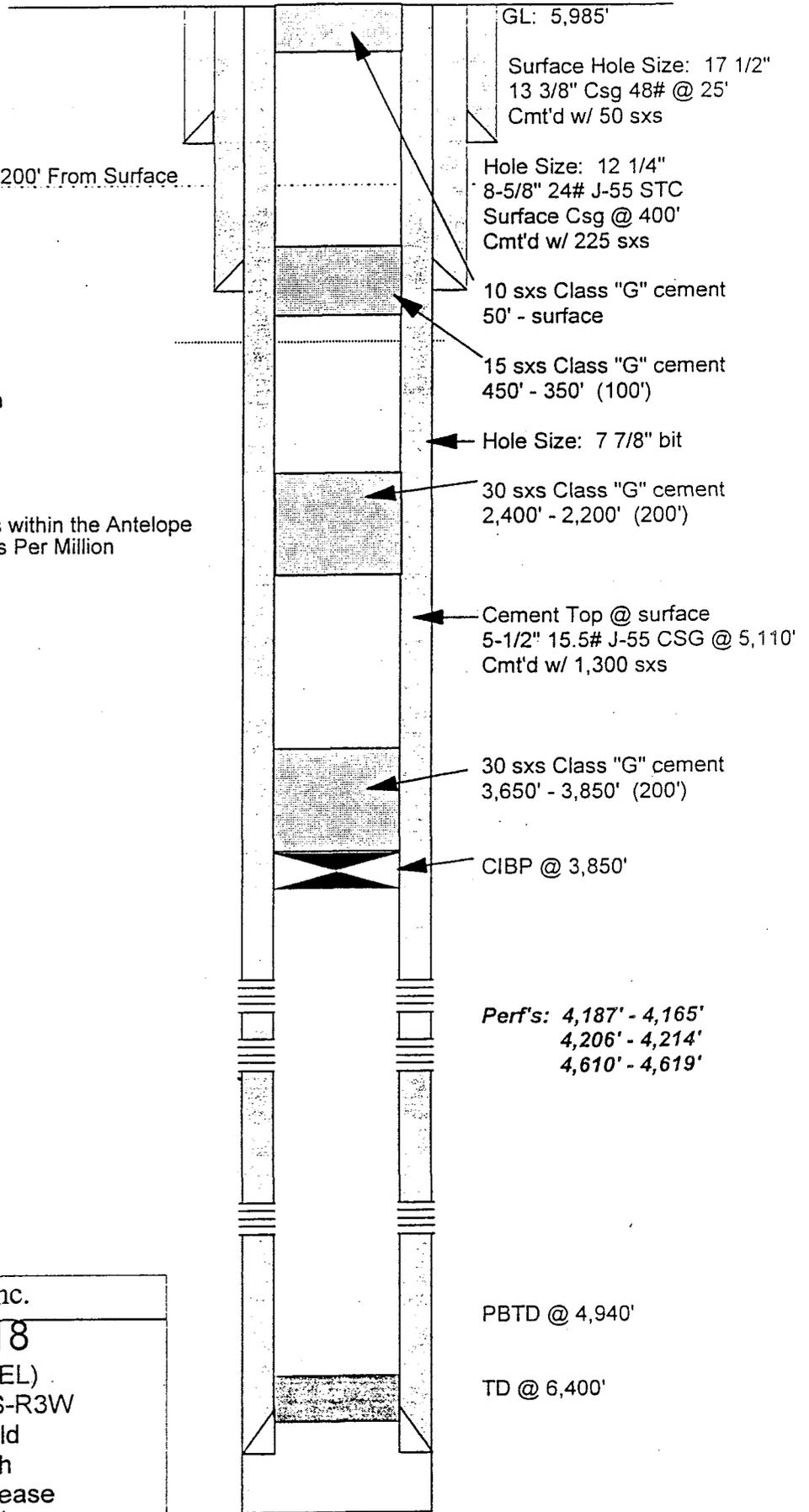
No USDW found in Uinta Formation

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)



GL: 5,985'

Surface Hole Size: 17 1/2"  
13 3/8" Csg 48# @ 25'  
Cmt'd w/ 50 sxs

Hole Size: 12 1/4"  
8-5/8" 24# J-55 STC  
Surface Csg @ 400'  
Cmt'd w/ 225 sxs

10 sxs Class "G" cement  
50' - surface

15 sxs Class "G" cement  
450' - 350' (100')

Hole Size: 7 7/8" bit

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

Cement Top @ surface  
5-1/2" 15.5# J-55 CSG @ 5,110'  
Cmt'd w/ 1,300 sxs

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

CIBP @ 3,850'

Perf's: 4,187' - 4,165'  
4,206' - 4,214'  
4,610' - 4,619'

PBD @ 4,940'

TD @ 6,400'

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

( 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

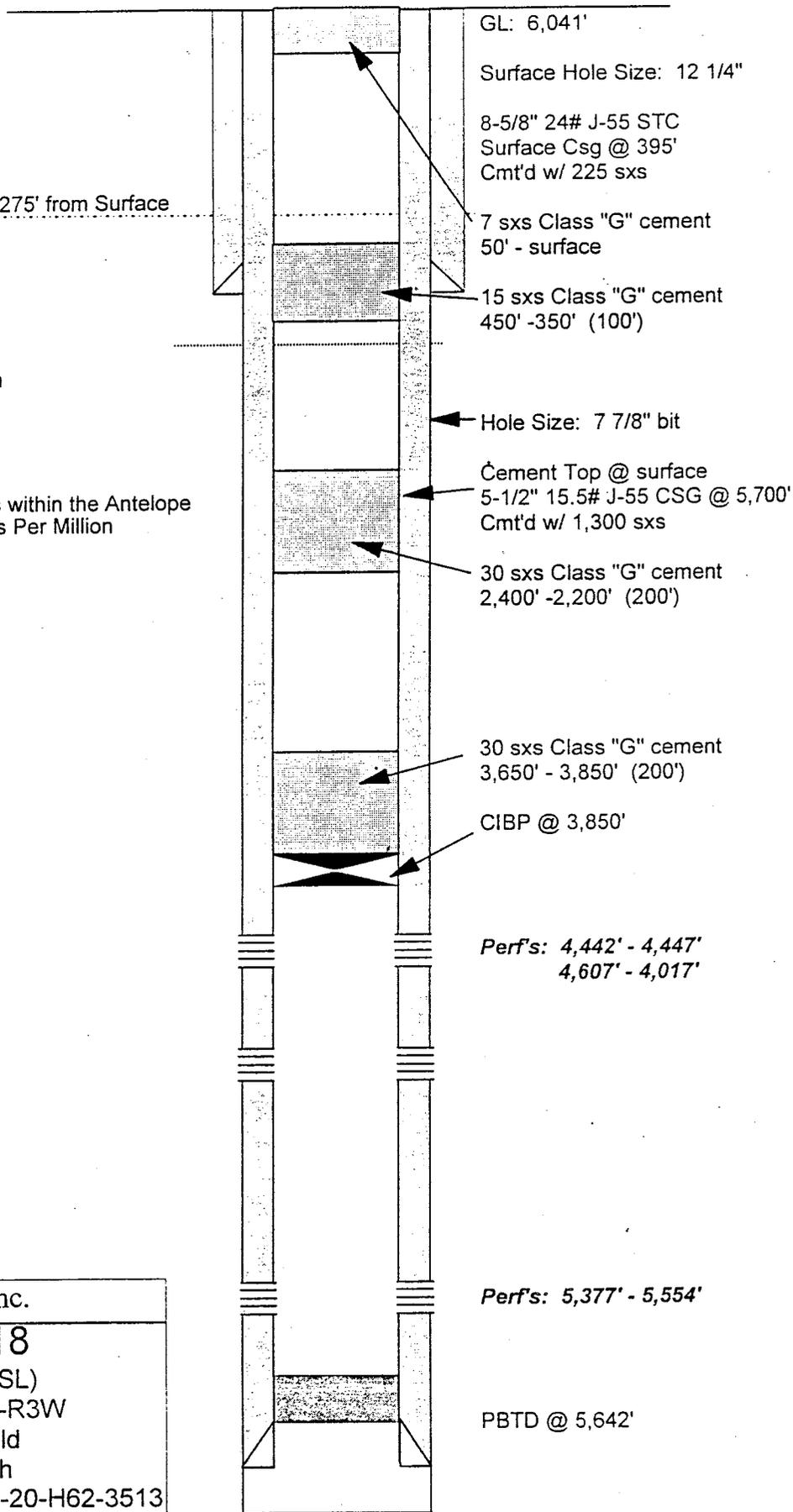
No USDW found in Uinta Formation

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'

PBTB @ 5,642'

Inland Resources Inc.
<b>Ute Tribal 5-18</b>
(667' FEL & 2,151' FSL)
NE SE Section 18-5TS-R3W
Antelope Creek Field
Duchesne Co, Utah
API #43-013-31180; Lease #14-20-H62-3513

( Not to Scale )



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

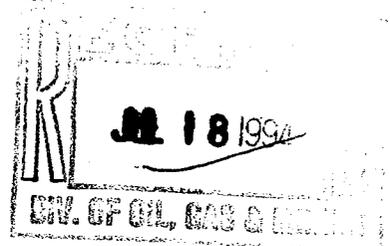
REGION VIII

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  
Natural 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

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 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

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

5. Lease Designation and Serial No. 14-20-H62-3507

6. If Indian, Allottee or Tribe Name Ute Tribal

7. If Unit or CA, Agreement Designation

8. Well Name and No. Ute Tribal 10

9. API Well No. 43-013-30759

10. Field and Pool, or Exploratory Area Antelope Creek

11. County or Parish, State Duchesne County, UT

SUBMIT IN TRIPLICATE

COPY

Type of Well Oil Well Gas Well Other

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)

NW4 NW4 Sec. 8-T5S-R3W 754' FNL & 888' DWL

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

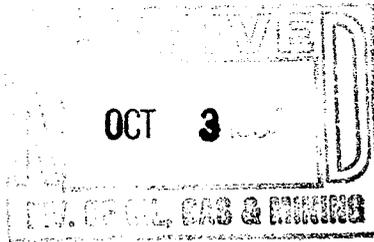
- Abandonment
Recompletion
Plugging Back
Casing Repair
Altering Casing
Other begin injection

- 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 9, 1994 for the above referenced well. Injection commencing on 8-17-94 per EPA approval.



I hereby certify that the foregoing is true and correct

Signed by [Signature] Title President

Date 8-16-94

This notice for Federal, State, or Local Use NOTED

Approved by [Signature] Title

Date AUG 19 1994

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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-H62-3507
6. If Indian, Allottee or Tribe Name Ute Tribe
7. If Unit or CA, Agreement Designation
8. Well Name and No. Ute Tribal 1-8
9. API Well No. 43-013-30759
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): NW4 NW4 Sec. 8-T5S-R3W 754' FNL & 888' FWL

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

Table with columns TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing Repair, Altering Casing, Other, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-Off, Conversion to Injection, and 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 BLM and EPA approval (Permit #UT2736-00000), this well has been converted to injection. A completed well diagram and job summary are enclosed.

001 3

Signature line with signature of R. A. Christensen, Title: President, Date: 8-5-94. Includes a large 'NOTED' stamp and another date stamp: AUG 19 1994.

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



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

Type of Well: Oil Well, Gas Well, Other

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)

NW4 NW4 Sec. 8-T5S-R3W 754' FNL & 888' DWL

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No. 14-20-H62-3507 6. If Indian, Allottee or Tribe Name Ute Tribal 7. If Unit or CA, Agreement Designation 8. Well Name and No. 9. API Well No. 43-013-30759 10. Field and Pool, or Exploratory Area Antelope Creek 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 9, 1994 for the above referenced well. Injection commencing on 8-17-94 per EPA approval.

OCT 3

I hereby certify that the foregoing is true and correct

Signature: [Signature] Title: President

Date: 8-16-94

This notice for Federal State of Colorado

Approved by: [Signature] Title: [Blank]

Date: AUG 19 1994

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.

\*See Instruction on Reverse Side

RECEIVED AUG 22 1994

# Mechanical Integrity Test Casing/Annulus Pressure Test

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

EPA Witness: NONE Date 8/9/94 Time 8:00 am pm  
Test conducted by: JAY O'DRISCOLL, D+M OILFIELD SERVICE  
Others present: GARY WORKMAN, OTHER OIL TOOLS

Well name UTE TRIBAL 1-8 EPA Number \_\_\_\_\_  
Field name ANTELOPE CREEK  
Location NW/NW qtr qtr: 8 Section: 55 Township: 3W Range  
Owner/Operator PETROGLYPH

Time	Test #1	Test #2	Test #3
0 min	<u>550</u> psig	_____ psig	_____ psig
5	<u>550</u>	_____	_____
10	<u>550</u>	_____	_____
15	<u>550</u>	_____	_____
20	<u>550</u>	_____	_____
25	<u>550</u>	_____	_____
30 min	<u>550</u>	_____	_____
35	<u>550</u>	_____	_____
40	<u>525</u>	_____	_____
45	<u>525</u>	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____

Initialing press 0 psig \_\_\_\_\_ psig \_\_\_\_\_ psig

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of Witness: Don Lindsey / POCI

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>1420H623507</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 INDIAN TRIBE</b>
2. Name of Operator <b>PETROGLYPH OPERATING COMPANY, CONTACT: MICHEAL SAFFORD COORDINATOR EMAIL: mikes@petroglyph.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 08-04</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Sec 8 T05S R03W NWNW 754FNL 888FWL</b>		9. API Well No. <b>4301330759</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 recomplete 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 recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**A workover on the Ute Tribal 08-04 was started on 10/2/00 and completed on 10/06/00. A MIT (Mechanical integrity Test) was run on 10/10/00 and passed. The well then lost MI and a rig was moved back to well to put sealer in all pipe connections and restore MI. a new MIT was run on 11/30/00 and passed.**

**Well was put back to injection on 11/30/00.**

**A copy of the EPA Workover report is attached to this report.**

**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 #2358 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR PETROGLYPH OPERATING COMPANY, SENT TO THE VERNAL FIELD OFFICE**

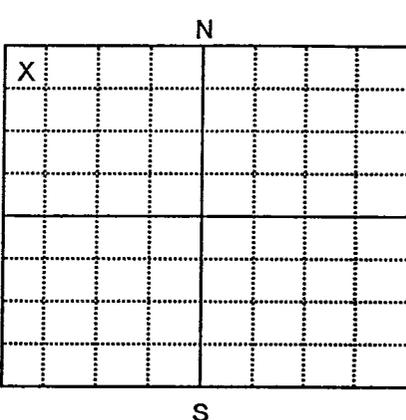
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, DC 20460

**EPA**

**WELL REWORK RECORD**

NAME AND ADDRESS OF PERMITTEE Petroglyph Operating Company, Inc. P.O. Box 1839 Hutchinson, KS 67504-1839	NAME AND ADDRESS OF CONTRACTOR Ute Indian Tribe
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LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT -- 640 ACRES  	STATE UT	COUNTY Duchesne	PERMIT NUMBER UT2736-04201
	SURFACE LOCATION DESCRIPTION NW 1/4 OF NW 1/4 SECTION 08 TOWNSHIP 5S RANGE 3W		
	LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT  Surface Location 754 ft. from North Line of quarter section and 888 ft. from West Line of quarter section		
	WELL ACTIVITY <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage  Lease Name Ute Tribal	Total Depth Before Rework 5016  Total Depth After Rework 5016  Date Rework Commenced 10/2/2000  Date Rework Completed 10/27/2000	TYPE OF PERMIT <input type="checkbox"/> Individual <input checked="" type="checkbox"/> Area  Number of Wells 1  Well Number Ute Tribal 08-04

**WELL CASING RECORD - BEFORE REWORK**

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8-5/8" 24#	435	280	Class "H"	4909	4911	frac'ed w/ 33400# 20/40 mesh & 2% KCL
5-1/2" 15.5#	6406	1039	279 low den.	4114	4201	Frac'ed w/ 58000# 20/40 & 18000# 10/20
			760 sxs 50/50 poz	3974	3996	Frac'ed w/ 47000# 20/40 & 12000# 10/20

**WELL CASING RECORD - AFTER REWORK** (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
Same as above						See attached page

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY  Workover starting 10/2/00, perform MIT 10/10/00. Lose MI on 10/23/00 Move back and reseat the 2 3/8" tubing and set 2-3/8" @ 3814'. Set pkr, test annulus. Performed M.I.T. test.	WIRE LINE LOGS, LIST EACH TYPE <table border="1" style="width:100%"> <tr> <th>Log Types</th> <th>Logged Intervals</th> </tr> <tr> <td>CNL, AIT, CBL</td> <td></td> </tr> </table>	Log Types	Logged Intervals	CNL, AIT, CBL	
Log Types	Logged Intervals				
CNL, AIT, CBL					

**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)  Micheal Safford Operations Coordinator	SIGNATURE 	DATE SIGNED 1-15-01
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# 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: 10/10/00  
 Test conducted by: CLIFF ATWOOD  
 Others present: CHAD STEVENSON

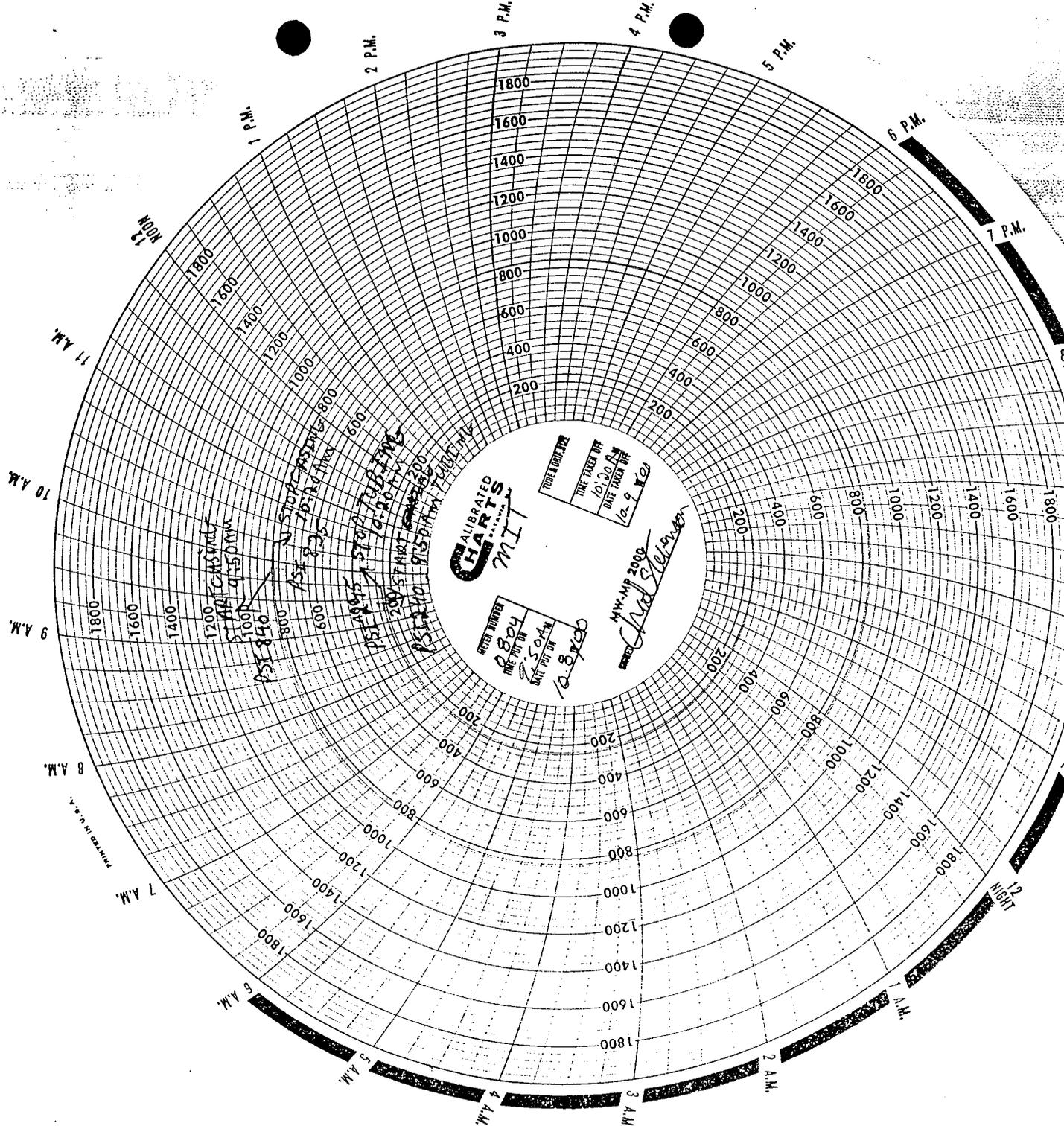
Well Name: <u>UTE TRIBAL 08-04</u>	Type: ER SWD	Status: AC TA UC
Field: <u>ANTELOPE CREEK</u>		
Location: <u>08-04</u> Sec: <u>8</u> T <u>5</u> N <u>15</u> R <u>3</u> E/W County: <u>DUCHESSNE</u> State: <u>UTAH</u>		
Operator: <u>PETROGLYPH OPERATING COMPANY</u>		
Last MIT: <u>1</u> / <u>1</u>		Maximum 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 If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 840/240 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>240</u> psig	psig	psig
End of test pressure	<u>245</u> psig	psig	psig
<b>CASING/TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>840</u> psig	psig	psig
5 minutes	<u>840</u> psig	psig	psig
10 minutes	<u>840</u> psig	psig	psig
15 minutes	<u>840</u> psig	psig	psig
20 minutes	<u>840</u> psig	psig	psig
25 minutes	<u>840</u> psig	psig	psig
30 minutes	<u>840</u> psig	psig	psig
<u>24 Hours</u> minutes	<u>835</u> psig	psig	psig
minutes	psig	psig	psig
<b>RESULT</b>	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?  Yes  No



# 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: 11 130 100  
 Test conducted by: CHAD STEVENSON  
 Others present: \_\_\_\_\_

Well Name: <u>UTETRIBE 08-04</u>	Type: ER SWD	Status: AC TA UC
Field: <u>ANTELOPECREEK</u>		
Location: <u>08-04</u> Sec: _____ T _____ N/S R _____ E/W	County: <u>DUCHESNIE</u> State: <u>UT</u>	
Operator: <u>PETROGLYPH OPERATING</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 If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 1480 / 850 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	850 psig	psig	psig
End of test pressure	845 psig	psig	psig
<b>CASING/TUBING ANNULUS PRESSURE</b>			
0 minutes	1480 psig	psig	psig
5 minutes	1480 psig	psig	psig
10 minutes	1480 psig	psig	psig
15 minutes	1480 psig	psig	psig
20 minutes	1480 psig	psig	psig
25 minutes	1480 psig	psig	psig
30 minutes	1480 psig	psig	psig
<del>24 Hours</del> minutes	1450 psig	psig	psig
minutes	psig	psig	psig
<b>RESULT</b>	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?  Yes  No

