

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS WATER SANDS LOCATION INSPECTED SUB REPORT abd
 10-11-88 Change of Leaseholder approved. 921203 Coors to Eventson eff. 9-1-92.
 10-20-88 Change of Leaseholder from 2950' FWD per title approved.
 7-13-94 fr EVENTSON to PETROGLYPH eff 2-1-94
 941101 COMMENCED INJECTION 6-20-94

DATE FILED 9-22-88
 LAND: FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO INDIAN I-109-IND-5351
 DRILLING APPROVED: 9-27-88 (EXCEPTION LOCATION)
 SPUDDED IN: 10-00-88
 COMPLETED: 01-18-89 SOW PUT TO PRODUCING: 10-11-88
 INITIAL PRODUCTION: 01 BOPD, 700 MCF
 GRAVITY A.P.I. 33409/1
 GOR. 39
 PRODUCING ZONES: 6046-6060 GRRV
 TOTAL DEPTH: 6770
 WELL ELEVATION: 5746 KB
 DATE ABANDONED:
 FIELD: DUCHESNE
 UNIT:
 COUNTY: DUCHESNE
 WELL NO. 324' UTE TRIBAL 3-10D 2450 2590' API NO. 43-013-31217
 LOCATION 385' FSL FT. FROM (N) (S) LINE. 2197' FWL FT. FROM (E) (W) LINE SESW 1 4 - 1 4 SEC 10

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				4S	4W	10	PETROGLYPH Oper

Alluvium	Star Point	Chinle	Molas
Lake beds	Wahweap	Shinarump	Manning Canyon
Pleistocene	Masuk	Moenkopi	Mississippian
Lake beds	Colorado	Sinbad	Humbug
TERTIARY	Sego	PERMIAN	Brazer
Pliocene	Buck Tongue	Kaibab	Pilot Shale
Salt Lake	Castlegate	Coconino	Madison
Oligocene	Mancos	Cutler	Leadville
Norwood	Upper	Hoskinnini	Redwall
Eocene	Middle	DeChelly	DEVONIAN
Duchesne River	Lower	White Rim	Upper
Uinta	Emery	Organ Rock	Middle
Bridger	Blue Gate	Cedar Mesa	Lower
Green River	Ferron	Halgate Tongue	Ouray
	Frontier	Phosphoria	Elbert
	Dakota	Park City	McCracken
BASE B LIME 60516	Burro Canyon	Rico (Goodridge)	Aneth
CASTLE PEAK 6585	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBONIFEROUS	North Point
Wasatch	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		



September 12, 1988

RECEIVED
SEP 14 1988

State of Utah
Oil and Gas Conservation Commission
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

Attn: Mr. Ron Firth

Dear Mr. Firth:

Attached for your approval is one copy of the Application for Permit to Drill the following well:

Ute Tribal 3-10D
Section 10, T4S-R4W
Duchesne County, Utah

The Threatened and Endangered Species Survey, known as Exhibit "O" in this Application, will be forth coming.

Please let us know if you find you will be in need of any further information or have any questions regarding this Application.

Thank you for your consideration.

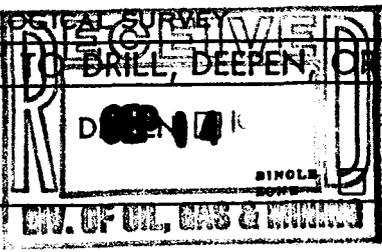
Very truly yours,

R. L. Martin
Vice President
Oil & Gas Operations

RLM:jf
Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

NAME OF OPERATOR
Coors Energy Company

ADDRESS OF OPERATOR
PO Box 467, Golden, Colorado 80402

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 750'FSL, 1675'FWL, SE/SW

At proposed prod. zone same

DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
approximatley 4 miles southeast of Duchesne

DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 3605'

18. NO. OF ACRES IN LEASE 4150.06'

17. NO. OF ACRES ASSIGNED TO THIS WELL

DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1321.6'

19. PROPOSED DEPTH 6900' *Green River*

20. ROTARY OR CABLE TOOLS rotary

ELEVATIONS (Show whether DF, RT, GR, etc.) 5743' GL

22. APPROX. DATE WORK WILL START* October 1988

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casine	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8"	24#	400'	250 sx
7-7/8"	5-1/2"	15.50#	6900'	1600 sx

1. This well will be spudded in the Uintah Formation.
2. Estimated Top Green River Upper Douglas Creek 5735'.
3. Oil and gas is expected in the Green River. No aquifers or other mineral zones are anticipated. Maximum expected BHP is 2800 psi.
4. The proposed circulating medium will be 3% KCL water or brine water with additives as needed to control mud properties.
5. Auxiliary equipment: float will be run in the drill string, a full opening valve to fit the drill string will be on the rig floor at all times. Kelly cock valves will be used.
6. Sidewall coring and drill stem tests may be run in potential pay zones.
7. No abnormal temperatures or potential hazards are expected. See a copy of the BOP diagram to be used on this well. Exhibit I.
8. Duration of operations will be approximately 10 days.

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.

SIGNED R.L. Martin TITLE VP O/G Operations DATE 9/09/88

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

MULTIPOINT SURFACE USE PLAN
COORS ENERGY COMPANY
UTE TRIBAL 3-10D
SECTION 10, T4S-R4W, SE/SW
DUCHESNE COUNTY, UTAH

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

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

Access to the Coors Ute Tribal 3-10D begins at the City of Duchesne, Utah, and proceeds along the following roads with approximate mileages as follows:

Proceed easterly on Highway 40 for approximately 3.2 miles to a dirt road to the right, proceed southerly along this road for approximately 2.7 miles to an intersection, turn left (east) and proceed easterly approximately 1.9 miles to the entrance of the access road of the Ute Tribal 3-10D. Turn left (north) on to the access road and drive 341 feet to the well pad location.

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

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

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

2. PLANNED ACCESS ROAD - See Exhibits B, C, D, E

The access road will be approximately 341' in length, 30' ROW with an 18' running surface maximum. The maximum grade will be 3-4%, no turnouts are required, the road will be ditched on both sides with barrow ditches. No culverts or bridges are required nor are gates, turnouts, cattle guards or fence cuts. Source of surfacing material will be from the access road soils and subsoils. All travel will be confined to existing access road rights-of-ways. The access road surface owner is Arnold Moon.

2. PLANNED ACCESS ROADS, cont.

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

The road will be upgraded to meet standards of the anticipated traffic flow, including ditching on both sides with cutouts on downhill side, draining, crowning and capping for all weather conditions. Prior to upgrading, any snow will be removed and the ground allowed to dry. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals with cutouts. Upgrading will not be done during muddy conditions and mud holes will be filled in.

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

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

The operator shall be responsible for all maintenance on cattle guards or gates associated with this oil and/or gas operation.

3. LOCATION OF EXISTING WELLS - See Exhibit G

Within a 1-mile radius of this proposed well, there are three (3) producing wells:

Coors Ute Tribal 2-15D, Friar Oil Company's Tribal #3, and the Lomax 10-85.

There are 2 (two) completing wells: Coors Ute Tribal 1-10D, and Coors Ute Tribal 6-16D.

There is one (1) SI oil well: Coors Ute Tribal 1-15D.

There is one (1) well planned for drilling: Coors Ute Tribal 3-15D.

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

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

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

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES - See Exhibits B, F

A sign will be posted at the wellsite indicating operator, lease number, well name and survey description.

4. LOCATION OF EXISTING WELLS, cont.

Coors Energy Company's facilities in this area will consist of a pump jack, two 440-bbl. tanks, a glycol boiler, and a 3-phase separator facility with a waste water disposal pit. At the time of well completion, a Sundry Notice along with a drawing of the production facilities will be submitted to the BLM by our Vernal office for approval. A copy of the proposed production facilities is attached. See Exhibit F. All production facilities will be located on the southwest side on the well pad and will be painted in earth colors such as Dessert Brown unless specified different by surface owner, within one month of when they are put in place.

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

For drilling operations, a survey map showing rig layout is attached. All necessary surface equipment will be spotted on the 305' x 325' wellsite pad.

When the well has been TD'd, Coors Energy Company will run a suite of logs: DIL, FDC-CNL, CBL. Side wall cores may be taken.

A flare pit will be located west of and separate from the reserve pit a minimum of 30' from pit and 100' from rig substructure.

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

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

Access to the wellpad will be on the southeast side of the location. Diversion ditches will be constructed on the SW and SE sides of location below the fill slope, draining to the north. A berm will be built around the tank battery high enough to contain 1-1/2 times the storage capacity of the battery.

Tank batteries will be placed on the per Sundry Notice if a producer.

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

The source of the water used to drill this well will be from Curry Leasing. Water will be taken from the Duchesne River on the east end of Duchesne. Approximately 6000 bbls of water will be required to drill and complete this well.

6. SOURCE OF CONSTRUCTION MATERIALS - See Exhibit B

The top 6" of topsoil will be removed from the well pad and stored on the southeast end of 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 or from the access road. Any artifacts found on Tribal lands will be left in place and the BIA promptly notified.

Coors will notify the BLM and BIA 24-48 hours prior to construction activities, specifically Mr. Timothy O'Brian or Mr. Ralph Brown.

If fill materials are needed to construct roads or well sites, proper permits must be obtained from the Surface Management Agency, unless materials are obtained from a private source.

7. METHODS FOR HANDLING WASTE DISPOSAL

A mud reserve pit will be located on the southwest side of the location and will be constructed for containment of drill cuttings as well as all drilling fluids and produced fluids. The reserve pit shall be lined with a minimum of 10 mill plastic & sufficient bedding material. The pit will be fenced as per statements in Section 4. A chemical toilet will be installed during drilling operations.

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

Produced waste water will be confined to a lined pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

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

Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

8. ANCILLARY FACILITIES

Camp facilities or airstrips will not be required.

9. WELL SITE LAYOUT - See Exhibit B

Attached is a diagram showing the proposed wellsite layout.

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

The reserve pit will be located on the SE side of location. The stockpiled topsoil will be stored between points 2 & 3. Access to the well pad will be made from the East between points 3 & 4.

The reserve pit shall be reduced 10' on south side & lengthened 10' on the west side from dimensions shown on cut sheet.10.

10. PLANS FOR RESTORATION OF SURFACE - See Exhibit B

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

The reserve pit and that part of the location not needed for production operations will be reclaimed within 90 days after completion of the well.

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

Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all trash will be removed. The access road will also be blocked during restoration. The reserve pit and that part of the location not needed for production will be reclaimed in the same manner outlined in this section within 90 days from date of sell completion.

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

10. PLANS FOR RESTORATION OF SURFACE, cont.

All disturbed areas will be recontoured to the approximate natural contours. The stockpiled topsoil will be evenly distributed over the disturbed areas.

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 wheat grass	5 lbs. pure live seed/acre
Alsike clover	1 lb. pure live seed/acre

All seeding will be done from September 15th until the ground freezes.

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.

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

Coors will notify the Arnold Moon 48 hours prior to starting rehabilitation procedures.

11. OTHER INFORMATION - See Exhibits H, J, K, L, N, O

The Ute Tribal 3-10D is located approximately 4 miles southeast of Duchesne, Utah on the Uintah and Ouray Indian Reservation. The area is covered with native sagebrush. No wildlife was observed on the location. A Threatened and Endangered Species Study of this area is attached, (See Exhibit "O")

The operator or his contractor shall contact the BLM and the BIA offices at (801) 789-1362 (BLM) and (801) 722-2406 (BIA) between 24 and 48 hours prior to construction activities. Contact Ralph Brown or Tim O'Brian.

The BLM & BIA Offices shall be notified upon site completion prior to moving on the drilling rig.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the BIA & BLM.

Since this well is on the Uintah and Ouray Indian Reservation, Coors will work closely with Ute Tribal representatives to ensure all Tribal requirements for drilling and production operations of this well are followed.

11. OTHER INFORMATION, cont.

Flare Pit will be located West of reserve pit fence a minimum of 30' & 100' minimum from rig substructure.

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

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

The BOP Instructions are included with this Application, (See Exhibit "J") and a copy of the BLM Stipulations is attached, (See Exhibit "H").

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

12. CONTACT

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

13. CERTIFICATION

See Exhibit "N"

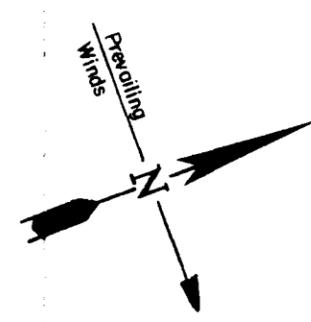
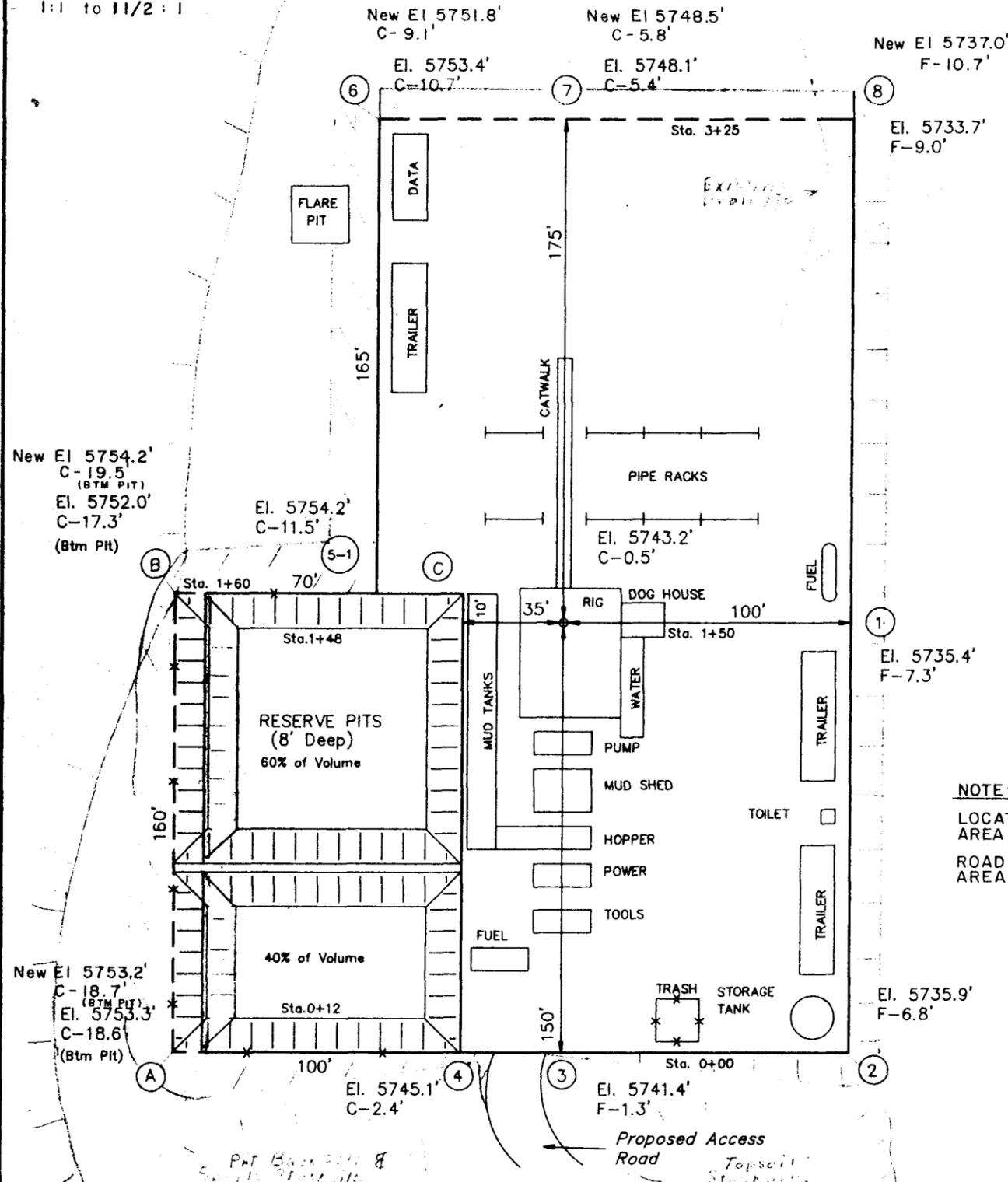
EDGE OF RIDGE
Slope Varies from Approx.
1:1 to 1 1/2:1

COORS ENERGY CO.

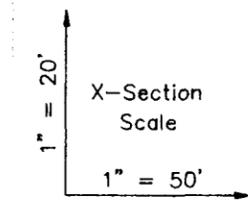
LOCATION LAYOUT FOR

UTE TRIBAL #3-10D
SECTION 10, T4S, R4W, U.S.B. &M.

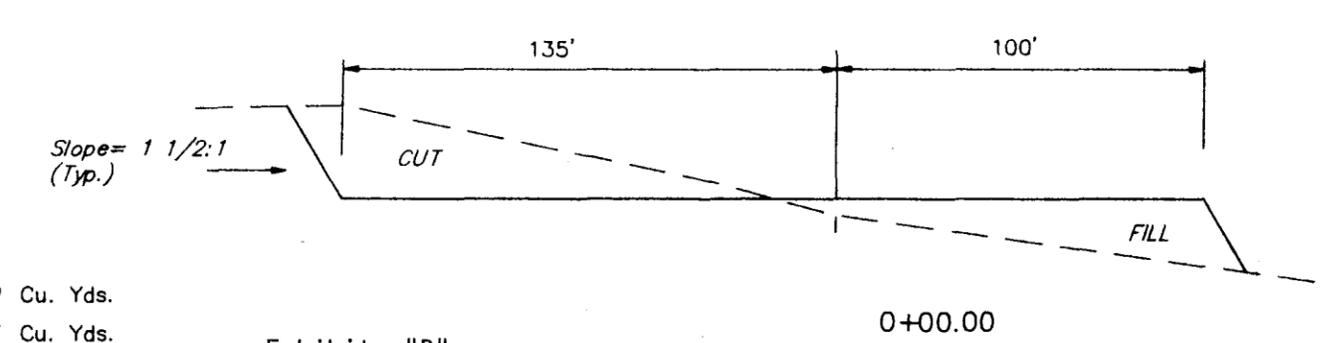
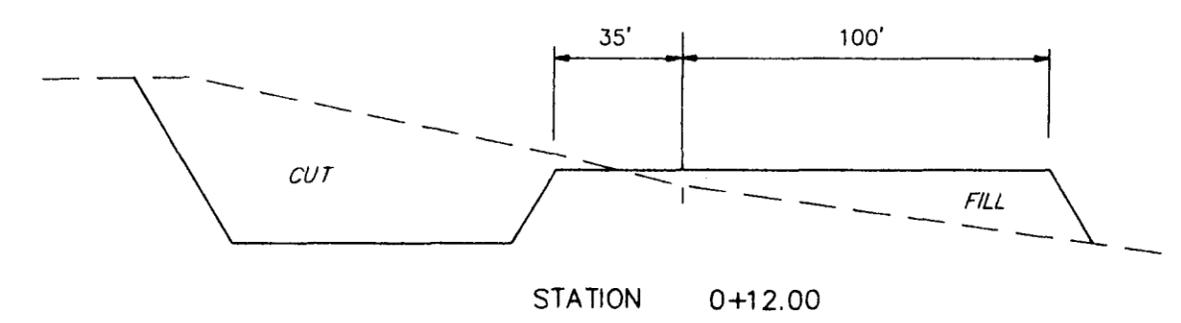
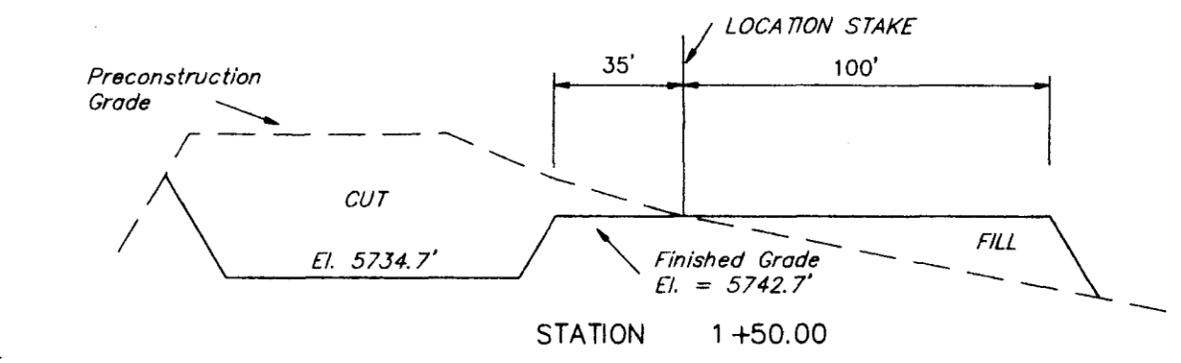
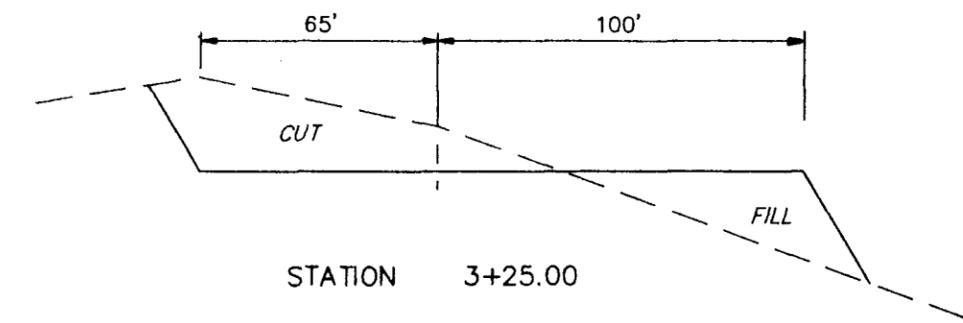
Corners # 6, 7 & 8 Were Extended
10' at the Onsite.
Reserve Pit Corners A & B Were
Moved in 10'.



SCALE: 1" = 50'
DATE: 8-19-88



NOTE:
LOCATION DAMAGE
AREA = 1.49 ACRES ±
ROAD DAMAGE
AREA = 0.23 ACRES ±



APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	=	1,200 Cu. Yds.
Pit Volume (Below Grade)	=	3,468 Cu. Yds.
Remaining Location	=	9,017 Cu. Yds.
TOTAL CUT	=	13,685 CU.YDS.
FILL	=	5,428 CU.YDS.

EXCESS MATERIAL AFTER 20% COMPACTION	=	6,900 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,934 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	3,966 Cu. Yds.

Exhibit "B"

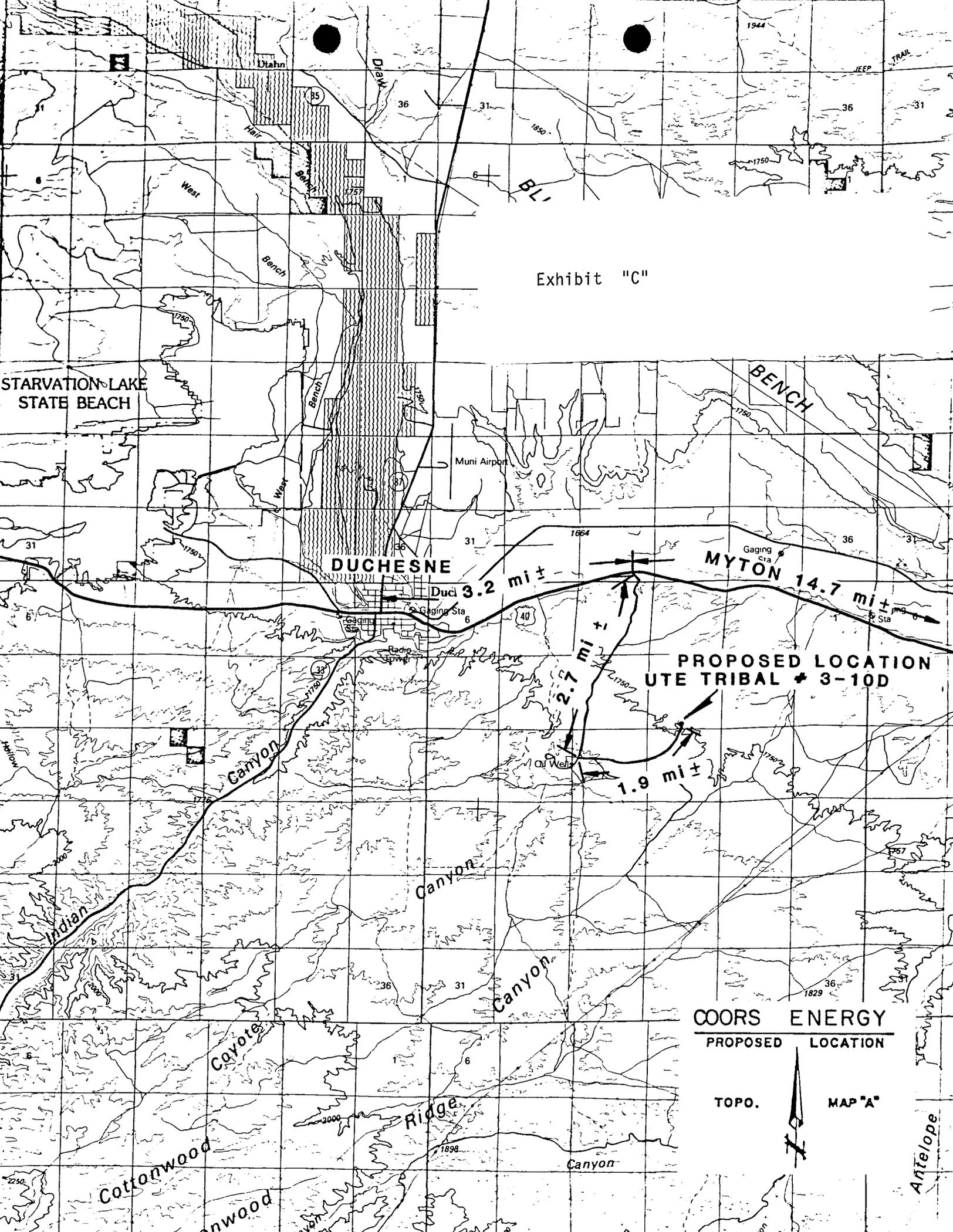


Exhibit "C"

STARVATION LAKE STATE BEACH

DUCHESNE

MYTON

PROPOSED LOCATION UTE TRIBAL # 3-10D

COORS ENERGY
PROPOSED LOCATION

TOPO.

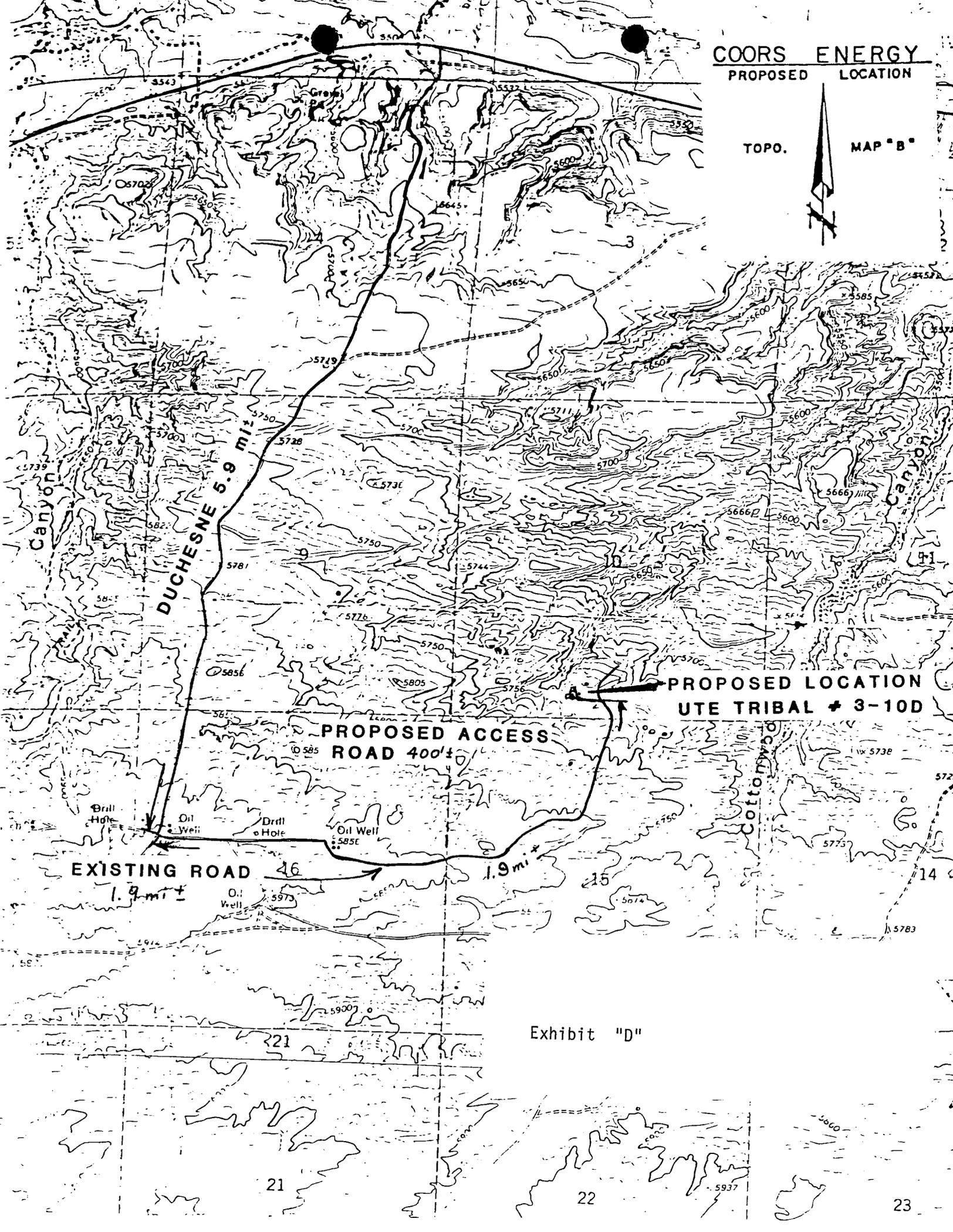
MAP "A"



Antelope

TOPO.

MAP "B"



PROPOSED ACCESS
ROAD 400±

PROPOSED LOCATION
UTE TRIBAL # 3-10D

EXISTING ROAD 46

DUCHESNE 5.9 mi²

Exhibit "D"

21

21

22

23

SEC. 10

DESCRIPTIONS

ROAD RIGHT-OF-WAY SECTION 10

A 30' WIDE RIGHT-OF-WAY (15' PERPENDICULAR ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE).

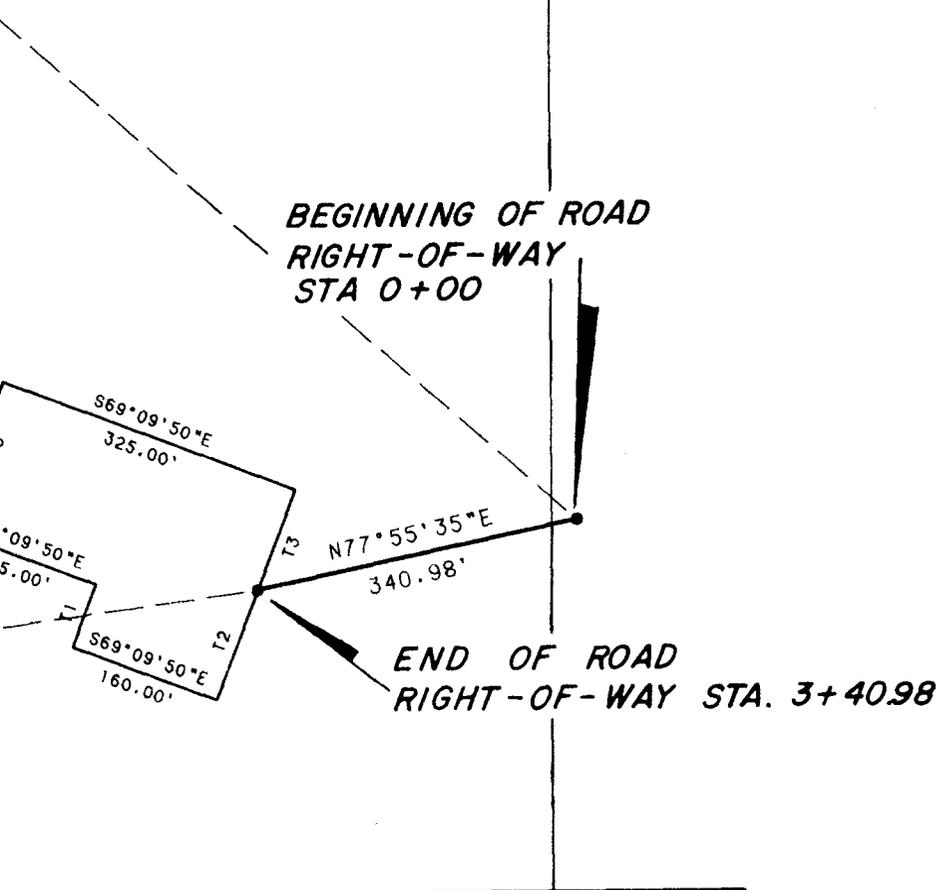
BEGINNING AT A POINT IN THE SE1/4 OF SECTION 10, T4S, R4W, U.S.B.&M. WHICH BEARS S48°30' 41" E 3559.76' FROM THE EAST 1/4 CORNER OF SAID SECTION; THENCE; S77°55' 35" E 340.98'; TO A POINT WHICH BEARS N28°11' 28" E FROM THE SOUTHWEST CORNER OF SAID SECTION 10. BASIS OF BEARINGS IS THE WEST LINE OF THE SOUTHWEST 1/4 OF SECTION 10 WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH. CONTAINS 0.23 ACRES MORE OR LESS.

Exhibit "E"



T1	N20°50'10"E	70.00'
T2	N20°50'10"E	123.03'
T3	S20°50'10"W	111.97'

BEGINNING AT A POINT IN THE SW1/4 OF SECTION 10, T4S, R4W, U.S.B.&M. WHICH BEARS N82°11'28"W 2354.98' FROM THE SOUTHWEST CORNER OF SAID SECTION; THENCE S20°50'10"W 123.03'; THENCE N69°09'50"W 160.00'; THENCE N20°50'10"E 70.00'; THENCE N69°09'50"W 165.0'; THENCE N20°50'10"E 165.00'; THENCE S69°09'50"E 325.0'; THENCE S20°50'10"W 111.97' TO THE POINT OF BEGINNING.
 BASIS OF BEARINGS IS THE WEST LINE OF THE SW1/4 OF SAID SECTION 10 WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH. CONTAINS 1.49 ACRES MORE OR LESS.



SURVEYORS 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.

Nelson Marshall
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 2454
 STATE OF UTAH

SIONS

**COORS ENERGY CO.
 ROAD RIGHT-OF-WAY
 & DAMAGE AREA**
 (FOR UTE TRIBAL #3-10D)
 LOCATED IN
 SECTION 10, T4S, R4W, U.S.B.&M.
 DUCHESNE COUNTY, UTAH

Uintah Engineering & Land Surveying
 DRAWER Q PHONE 789-1017
 110 EAST 1000 SOUTH
 VERNAL UTAH 84078



SCALE 1" = 200'
 DATE 8-21-88

DRAWN J.T.K
 APPROVED J.R.S.

T4S, R4W, U.S.B.&M.

Pile of Stones
5/8" Rebar

(G.L.O.)

3559.76'
S48°30'41"E

SW1/4

T

2749.53 (Measured)
NORTH - BASIS OF BEARINGS

E



Duchesne County
Alum. Cap



= SECTION CORNERS LOCATED

S82°11'28"W
2354.98'

UTE TRIBAL #3-10D DAMAGE AREA
Contains 1.49 Acres

N20°50'10"E
56.165'

REV

UTE TRIBAL 3-10D SURFACE PRODUCTION FACILITIES

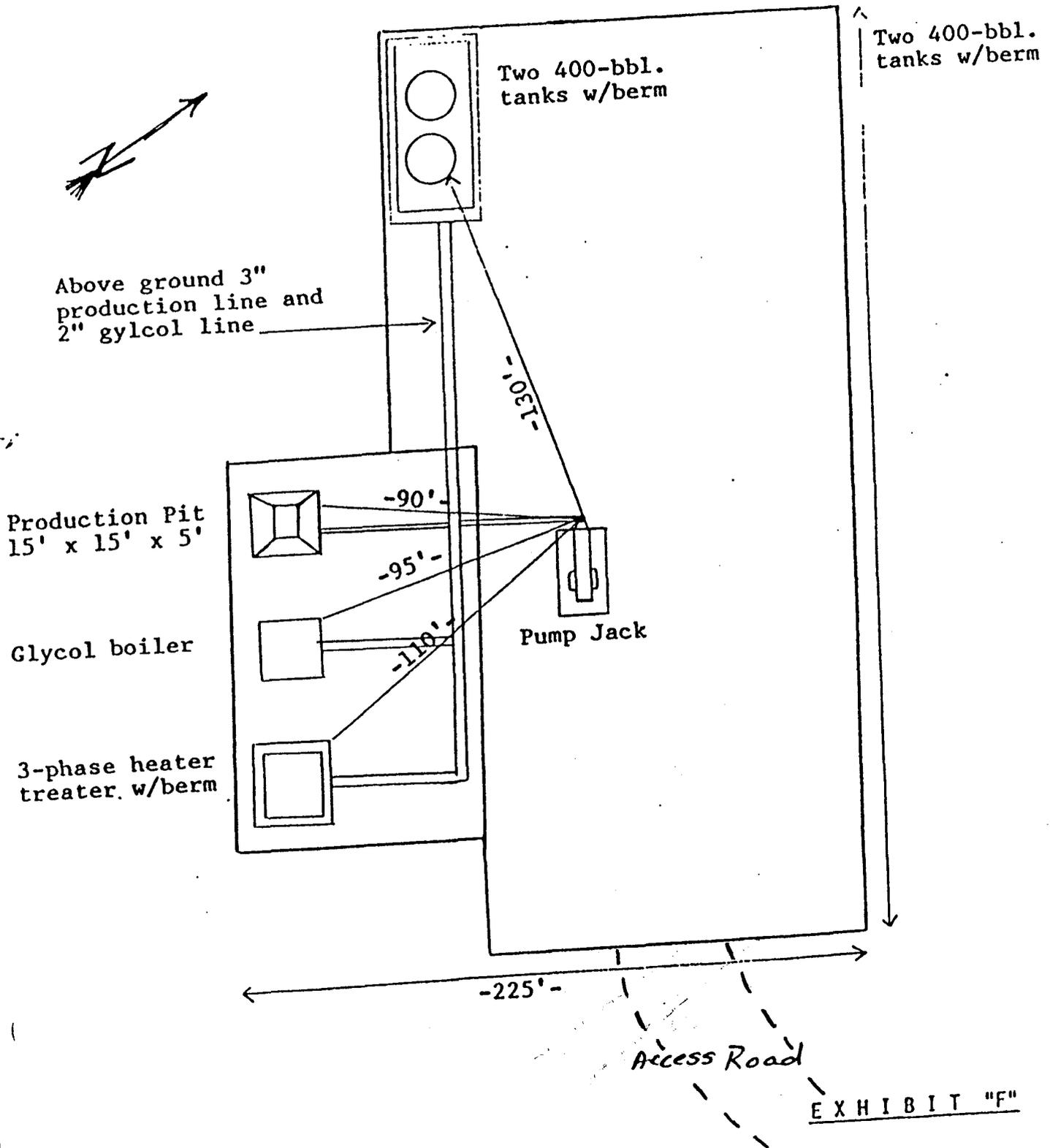
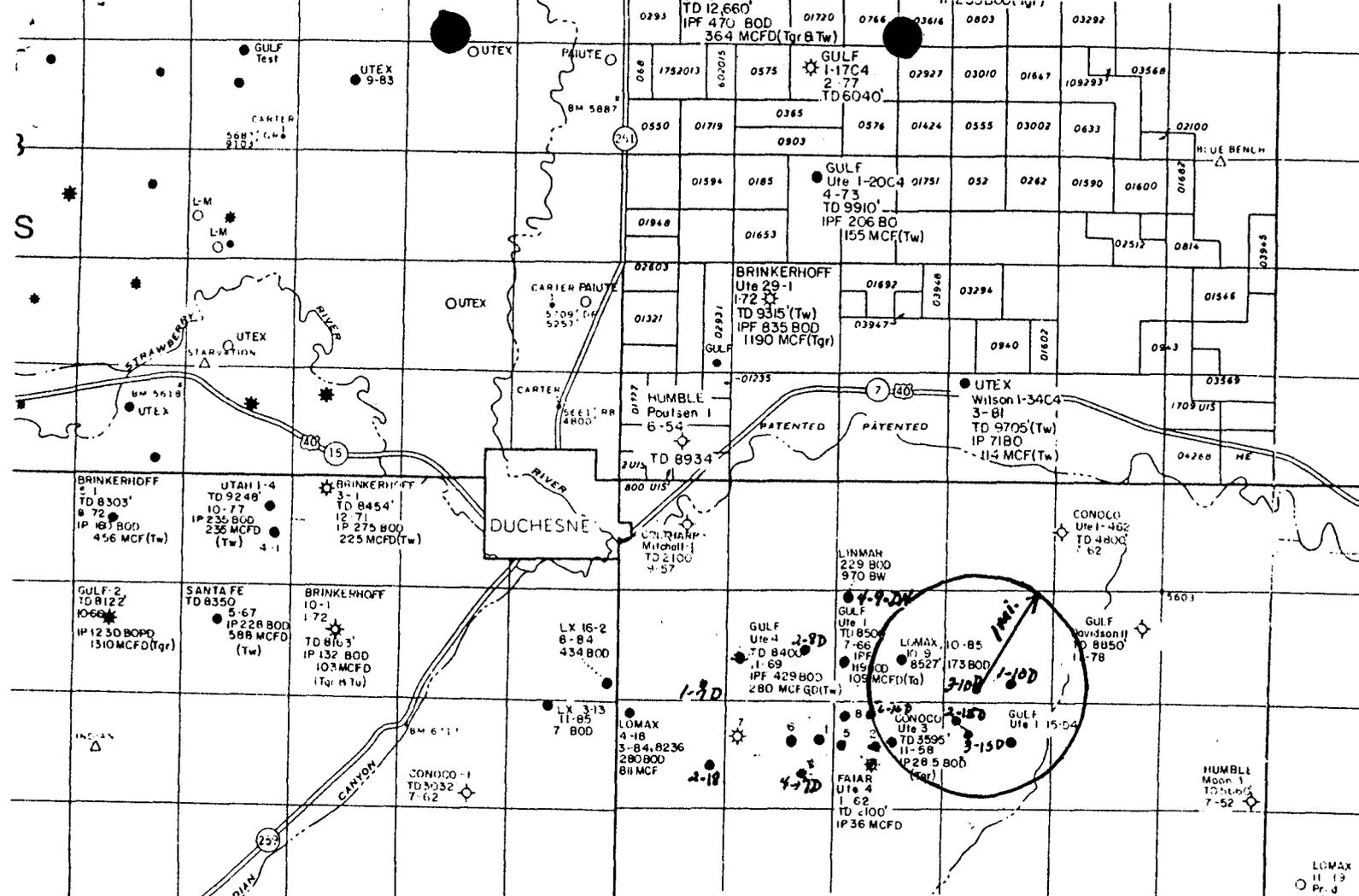


EXHIBIT "F"



The Ute Tribal 1-10D is 1321.6' from the Ute Tribal 3-10D

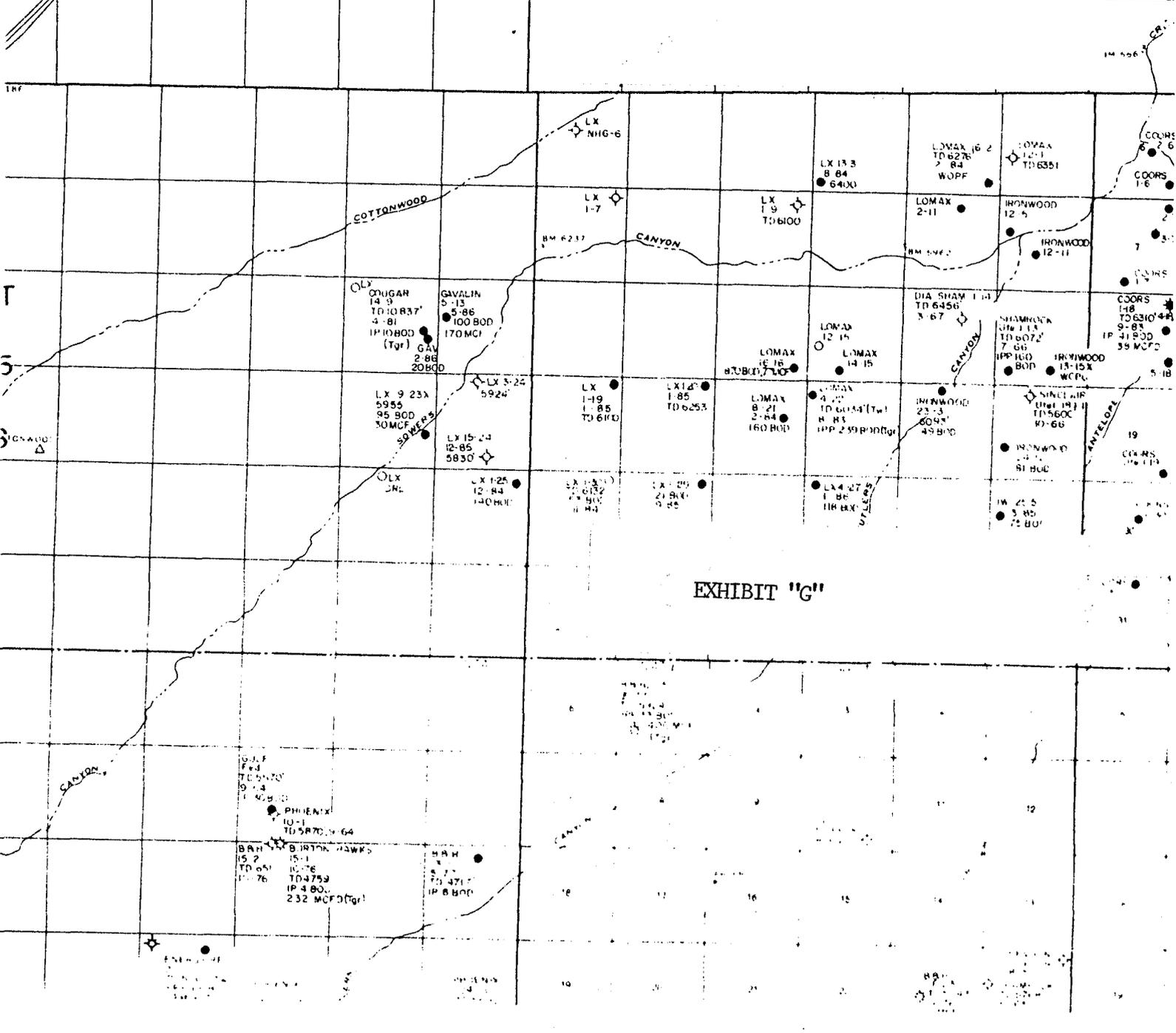


EXHIBIT "G"

Revised October 1, 1985

Date NOS Received 8/4/88

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

Company/Operator Boors Energy Co.
Well Name & Number UETRI BAL # 3-10D
Lease Number I-109-IND-5351
Location SE 1/4 SW 1/4 Sec. 10 T. 48 R. 4W
Surface Ownership Arnold Moon

EXHIBIT "H"

THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

- ✓ 1. Existing Roads--describe the following and provide a legible map, labeled and showing:
- A. Proposed wellsite as staked and access route to location, including distances from point where access route exits establish roads. (Actual staking should include two directional reference stakes.)
 - B. Route and distance from nearest town or locatable reference point, such as a highway or county road, to where well access route leaves main road.
 - C. Access road(s) to location color-coded or labeled.
 - D. Plans for improvement and/or maintenance of existing roads. (Appropriate rights-of-way for off lease roads should be attached.)
2. Planned Access Roads--describe the following and provide a map of suitable scale indicating all necessary access roads (permanent and temporary) to be constructed or reconstructed, showing:

- A. Length - 341' ✓
- B. Width - 30 foot right-of-way with 18 foot running surface maximum.
- C. Maximum grades - 3% - 4% max. ✓
- D. Turnouts - None
- E. Drainage design - Barrow Ditches ✓
- F. Location and size of culverts and/or bridges, and brief description of any major cuts and fills - None ✓
- G. Surfacing material (source) - R/W ✓
- H. Necessary gates, cattleguards, or fence cuts and/or modification to existing facilities - None
- I. Access road surface ownership - Arnold Moon

(New or reconstructed roads are to be centerline-flagged at time of location staking.)

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

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

~~Right-of-Way Application needed. If a ROW is necessary for the access road, a copy of the ROW grant shall be with the dirt contractor during the construction and thereafter kept on location with the complete copy of the approved APD.~~

~~Operators shall notify the following ROW grantees of their intent to use the existing roads and, if necessary, enter into a cooperative maintenance agreement.~~

~~_____

_____~~

~~The proposed access road shall utilize the upgraded 2-track trail approximately _____ (ft. or mile) as agreed upon during the onsite inspection. Remainder of planned access road will follow flagged route for _____.~~

~~X The operator/lessee or his successor shall be responsible for all maintenance on cattleguards or gates associated with this oil and/or gas operation.~~

3. Location of Existing Wells--describe the following and provide a map or plat of all wells within a 1 mile radius of the proposed well location showing and identifying existing:

- A. Water wells
- B. Abandoned wells
- C. Temporarily abandoned wells
- D. Disposal wells
- E. Drilling wells
- F. Producing wells
- G. Shut-in wells
- H. Injection wells

*(Make sure to show 2-100 well as far as footages, etc)
(1148')*

4. Location of Existing and/or Proposed Facilities

A. On well pad: Show the following existing area facilities and dimensions to be utilized if the well is successfully completed for production (detail painting plans and color if applicable):

- (1) Tank batteries
- (2) Production facilities
- (3) Oil gathering lines
- (4) Gas gathering lines
- (5) Injection lines
- (6) Disposal lines
- (7) Surface pits (separate application per NTL-2B requirements)*

(Indicate if any of the above lines are buried.)

B. Off well pad: Same as above. Off lease flowlines may require rights-of-way or special use permits, check with the Area Office Realty Specialist. (Include a diagram of the proposed attendant lines, i.e., flowlines, powerlines, etc., if off well pad location.)

- (1) Proposed location and attendant lines shall be flagged off of well pad prior to archaeological clearance.
- (2) Dimensions of facilities
- (3) Construction methods and materials
- (4) Protective measures and devices to protect livestock and wild-life

Note: Operator has option of submitting information under 4A and B., after well is completed for production, by applying for approval of subsequent operations.

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain $1\frac{1}{2}$ times the storage capacity of the battery. The integrity of the dike must be maintained.

Tank batteries will be placed on the PER Summary
NOTICE IF A PRODUCER

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

The required paint color is Desert Brown 10 yr 6/3 or
unless specified different by surface owner.

5. Location and Type of Water Supply

- A. Show location and type of water supply, either by $\frac{1}{4}$, $\frac{1}{2}$ section on a map or by written description _____.
- B. State method of transporting water, and show any roads or pipelines needed.
- C. If water well is to be drilled on lease, so state. _____

*The operator will be responsible for acquiring the necessary permit to obtain water to be used for drilling activities.

6. Source of Construction Materials

- A. Show information either on map or by written description -
From loc. & ACCESS ROAD
- B. Identify if from Federal or Indian (tribal or allotted) land.
- C. Describe where materials such as sand, gravel, stone, and soil material are to be obtained and used.

*If fill materials are needed to construct roads or well sites, proper permits must be obtained from the Surface Management Agency, unless materials are obtained from a private source.

*A minerals material application (is/is not) required.

7. Methods for Handling Waste Disposal

- A. Describe methods and location of proposed safe containment and disposal of each type of waste material, including:
- (1) Cuttings
 - (2) Sewage
 - (3) Garbage (trash) and other waste material
 - (4) Salts
 - (5) Chemicals
- B. Provide a plan for eventual disposal of drilling fluids and any produced oil or water recovered during testing operations. _____

*Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

*Pits are not to be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls, unless otherwise herein provided.

BIA

On ~~BLM~~ administered lands:

The reserve pit ~~(shall)~~ shall not be lined. 4 min. of 10 mill plastic & sufficient bending to prevent leakage

*If the pit is lined, it shall be constructed so as not to leak, break, or allow discharge.

~~The bottom of the reserve pit shall not be in fill material.~~

For the following reasons the reserve pit will be lined:

~~To conserve water (because of operator's request).~~
*If a plastic nylon reinforced liner is used it shall be torn and perforated before backfilling of the reserve pit. ^{OK}

~~To protect the environment.~~

~~If the reserve pit is lined the operator will provide the BLM a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements prescribed by Part II, Standards of Quality for Waters of the State, Wastewater Disposal Regulations, State of Utah Division of Health, the contents and liner will be removed and disposed of at an authorized disposal site.~~

~~To protect the environment (without a chemical analysis).~~

Produced waste water will be confined to a (lined/unlined) pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90-day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

On BIA administered lands:

All reserve pits will be lined with either native clay, commercial bentonite or plastic sufficient to prevent seepage. (If a plastic nylon reinforced liner is used, it shall be torn and perforated after the pit dries and before backfilling of the reserve pit.)

~~To protect the environment.~~

~~If the reserve pit is lined the operator will provide the BLM a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements prescribed by Part II, Standards of Quality for Waters of the~~

State, Wastewater Disposal Regulations, State of Utah Division of Health, the contents and liner will be removed and disposed of at an authorized disposal site.

— To protect the environment (without a chemical analysis).

Pits will be constructed so as not to leak, break, or allow discharge of liquids.

— Storage tanks will be used if drill sites are located on tribal irrigable land, flood plains, or on lands under crop production.

Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. Ancillary Facilities

A. Identify all proposed camps and airstrips on a map as to their location, and area required, and construction methods. (Camp center and airstrip centerlines to be staked on the ground.)

X Camp facilities or airstrips will not be required.

9. Well Site Layout--provide a plat (not less than 1" = 50') showing:

A. Cross-sections of proposed drill pad with approximate cuts and fills and the relation to topography.

B. Location of mud tanks, reserve, blooie, and emergency pits, pipe racks, living facilities, and soil material stockpiles, etc. (Approval as used in this section means field approval of location.)

C. Rig orientation, parking areas, and access roads, etc.

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

Well Site Layout: The reserve pit will be located on the: SE
side of loc.

The stockpiled topsoil will be stored on the: Between pts. 2 & 3

Access to the well pad will be from the: E between pts. 3 & 4

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

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

~~The drainage(s) shall be diverted around the _____ side(s) of the well pad location.~~

~~The reserve pit and/or pad location shall be constructed long and narrow for topographic reasons~~ shall be reduced 10' on Southside & lengthened 10' on the West side from dimensions shown on cut sheet

~~The _____ corner of the well pad will be rounded off to avoid the _____~~

10. Plans for Restoration of Surface

A. Provide a restoration program upon completion of operations, including:

- (1) Backfilling, leveling, recontouring, and waste disposal; segregation of topsoil from cut materials as needed
- (2) Revegetation and rehabilitation--including abandoned access roads or portions of well pads no longer needed (normally per BLM recommendations)
- (3) Proposed timetable for commencement and completion of rehabilitation operations

B. The following are provisions to be addressed in the restoration plan:

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

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within 90 days from the date of well completion.

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

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

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

Seed will be broadcast or drilled at a time specified by the ~~BLM~~ / ~~SG~~ / Private Surface Owner. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the ~~BLM~~ / ~~SG~~ / ~~PC~~ / Private Surface Owner, either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin.

All seeding will be done from September 15th until the ground freezes.

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

On BIA administered lands:

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

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

The BLM recommends the following procedure for reclamation:

Compacted areas of the well pad should be plowed or ripped to a depth of 12" before reseeding. Seeding should be done with a disc-type drill to ten inches apart. The seed should be planted between one-half inch deep and three quarter inch deep. A drag, packer or roller may be used to insure uniform coverage of the seed, and adequate compaction. Drilling of the seed should be done on the contour where possible. Where slopes are too steep for contour drilling a "cyclone" hand-seeder or similar broadcast seeder should be used, using twice the recommended seed per acre. Seed should then be covered to a depth described above by what-ever means is practical.

11. Surface Ownership: Arnold Moon - Location & Access Rd.

Provide the surface ownership (Federal, Indian, State or private) at the well location, and for all lands crossed by roads which are to be constructed or upgraded.

Where the surface of the well site is privately owned, the operator shall provide the name, address, and, if known, telephone number of the surface owner.

12. Other Additional Information

The BLM recommends a general description of:

- A. Topography, soil characteristics, geologic features, flora and fauna
- B. Other surface-use activities and surface ownership of all involved lands
- C. Proximity of water, occupied dwellings, archaeological, historical or cultural sites

A cultural resource clearance will be required before any construction begins on Federal and Indian lands. However, historic and cultural resource work shall be undertaken only with the written consent of a private surface owner. If the private surface owner refuses entry for that purpose, the lessee or operator shall use its best efforts to conduct its approved operations in a manner that avoids adverse effects on any properties which are listed, or may be eligible for listing, in the NRHP.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

On BIA administered land:

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

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

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

All well site locations on the Uintah and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, the section, township, and range).

Additional Surface Stipulations for BLM, BIA, FS, DWR, or Private Surface Lands:

The operator or his contractor shall contact the BLM ~~and BIA~~ Offices at (801) 789-1362 (BLM) and (801) 722-2406 (BIA) between 24 and 48 hours prior to construction activities. Contact Ralph Brown or

* The BLM and ~~FEA~~ Offices shall be notified upon site completion prior to moving on the drilling rig.

~~___ No construction or drilling activities shall be conducted between November 1 thru March 1 because of bald and golden eagle winter habitat areas.~~

~~___ No construction or drilling activities shall be conducted between _____ and _____ because of big game habitat areas.~~

~~___ No construction or exploration activity will be permitted _____ through _____ due to the presence of an active raptor nest or eyrie.~~

~~___ No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground.~~

~~___ No construction or exploration activities are permitted within 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.~~

~~___ There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).~~

~~___ No cottonwood trees will be removed or damaged.~~

~~___ A _____ ft. tree screen or vegetative buffer shall be left on the _____ side(s) of the well location, to minimize visual impacts and for watershed protection.~~

~~___ All rock art sites will be avoided by construction/drilling/ maintenance activities by a minimum of 500 feet.~~

~~___ No construction or drilling activities shall be conducted between _____ and _____ because of the possible presence of Threatened and Endangered plant species.~~

~~___ Overhead flagging will be installed on pits to protect waterfowl and birds.~~

* Flare Pit will be located West of Reserve pit fence
a min. of 30' ± 100' min. from rig substructure

Fence Stipulation:

Each existing fence to be crossed by the right-of-way shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly travelled. If the well is a producer, the cattleguard (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on federal land, or any fence between federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/ her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

Grazing Permittee _____

Address _____ Phone No. _____

Note: If the land is privately owned, these surface stipulations may be varied to comply with the operator - land owner agreement.

13. Lessee's or Operators Representative and Certification

Representative

Name: _____

Address: _____

Phone No. _____

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his sub-contractors. A copy of these conditions will be furnished the field representative to insure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

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

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by _____

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

8/23/88 _____
Date Name and Title

Onsite Date: _____

Participants on Joint Inspection

<u>James A. Smith</u>	<u>Coors Energy Co.</u>
<u>Timothy P. O'Brien</u>	<u>BLM</u>
_____	_____
_____	_____

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

Company Coors Energy Co Well No. 3-1011
 Location Sec. D T. 4S R. 4W Lease No. F-109-IND-5351
 Onsite Inspection Date _____

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

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:

Surface formation - (T_u)
T_{grdc} - 5735'
B line 6050'

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

	<u>Formation</u>	<u>Zone</u>
Expected oil zones:	<u>T_{gr}</u>	<u>T_{grdc}</u>
Expected gas zones:	<u>"</u>	<u>"</u>
Expected water zones:	<u>_____</u>	<u>_____</u>
Expected mineral zones:	<u>_____</u>	<u>_____</u>

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

3. Pressure Control Equipment:

Attached please find a copy of the pressure control device to plan to use on this well, Exhibit "J"

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

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

4. Casing Program and Auxiliary Equipment: 8-5/8" 24# casing
will be run from surface to approx. 400'. 5-1/2" intermediate
15.50# casing will be run to approx 6900'.

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

5. Mud Program and Circulating Medium: The proposed circulating
medium will be 3% KCL water or brine water with additives needed
to control mud properties.

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

6. Coring, Logging and Testing Program: _____
Sidewall coring and drill stem tests may be run in potential
pay zones.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description,

and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:

No abnormal temperatures or potential hazards are expected.

8. Anticipated Starting Dates and Notifications of Operations:

Location construction: October 1988

Spud date: October 1988

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

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

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

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

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

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

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

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

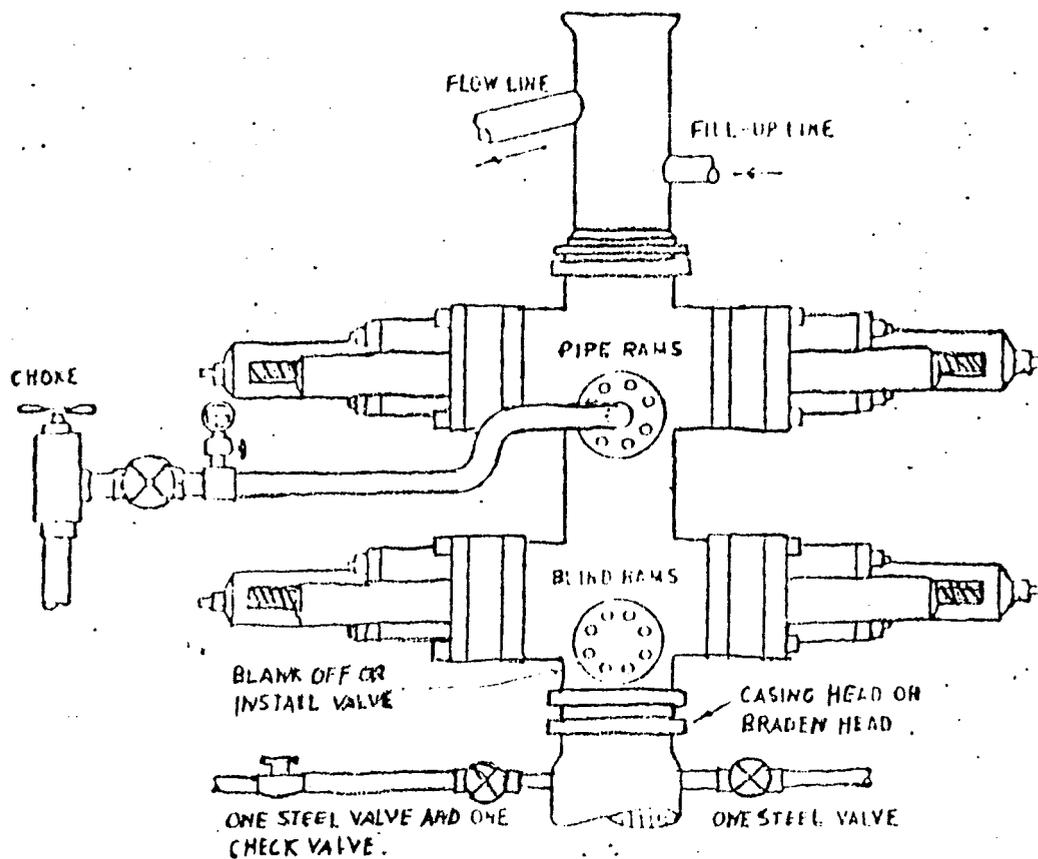
A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

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

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

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

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 Braddenhead 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.



NOTICE

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

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

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

(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 of the Uintah and Ouray Indian Reservation
SERIAL No.: I-109-Ind-5351

and hereby designates

NAME: Coors Energy Company
ADDRESS: 14062 Denver West Parkway, Bldg 52, Suite 300, Golden, Colorado 80401

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

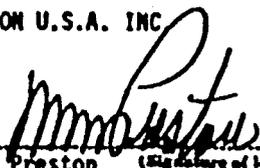
See Exhibit "A" attached hereto and made a part hereof.

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.

CHEVRON U.S.A. INC

By: 

J. B. Preston (Signature of lessee) Assistant Secretary

August 25, 1987

(Date)

P. O. Box 599, Denver, Colorado 80201

(Address)

EXHIBIT "L"

APPLICATION FOR TEMPORARY CHANGE OF WATER

STATE OF UTAH

Rec. by _____
 Fee Paid \$ _____
 Receipt # _____
 Microfilmed _____
 Roll # _____

For the purpose of obtaining permission to make a temporary change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

TEMPORARY CHANGE APPLICATION NO. 187-43-9

Proposed changes: point of diversion (X), place of use (X), nature of use ().

1. NAME: Curry Leasing
 ADDRESS: P.O. Box #227 Altamont, UT 84001
2. FILING DATE: September 25, 1987
3. RIGHT EVIDENCED BY: Application A60177

HERETOFORE referenced from Water Right: 43-9594

4. FLOW: 0.05 cfs OR 36.5 acre-feet
5. SOURCE: Duchesne River
6. COUNTY: Duchesne
7. POINT(S) OF DIVERSION:
 (1) 1/4 mi. E 950 ft. from SW corner, Section 27, T2S, R5W, USBM
 Diverting Works: Pump trucks and hauled
8. NATURE OF USE:
 OIL EXPLORATION: Oil well drilling, completion and service work
 PERIOD OF USE: August 3 to August 3

9. PLACE OF USE:

Sec 27, T2S, R5W, USBM

NORTH-EAST 1/4				NORTH-WEST 1/4				SOUTH-WEST 1/4				SOUTH-EAST 1/4			
NE	NW	SW	SE												
:	:	:	:	:	:	:	:	:	:	X:	:	:	:	:	:

THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

0. FLOW: 0.05 cfs OR 12.0 acre-feet REMAINING WATER: Same as HERETOFORE
1. SOURCE: Duchesne River

Continued on Next Page

EXHIBIT "M"



CERTIFICATION BY OPERATOR'S FIELD REPRESENTATIVE

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

9-12-88

Date

R. L. Martin
Vice President
Oil & Gas Production

RLM:kr

EXHIBIT "N"



RECEIVED
SEP 22 1988

DIVISION OF
OIL, GAS & MINING

September 20, 1988

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

Attn: Ron Firth

RE: Ute Tribe 3-10D
Section 10, T4S-R4W
Duchesne County, Utah

Dear Mr. Firth:

We request an exception to the spacing for the above referenced well because of topography.

In addition, we own the oil and gas lease on the offsetting lease to the south. The royalties on both tracts are owned by the Ute Tribe.

Very truly yours,

R. L. Martin
Vice President
Oil & Gas Operations

RLM/jf

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CORRECTED COPY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

TYPE OF WORK
DRILL DEEPEN PLUG BACK
TYPE OF WELL
OIL WELL GAS WELL OTHER CORRECTED COPY SINGLE ZONE MULTIPLE ZONE

NAME OF OPERATOR
Coors Energy Company

ADDRESS OF OPERATOR
PO Box 467, Golden, Colorado 80402

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
2197' FWL, 385' FSL SE/SW
At proposed prod. zone
same

DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
approximatley 4 miles southeast of Duchesne

DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any) 3605'

16. NO. OF ACRES IN LEASE
4150.06

17. NO. OF ACRES ASSIGNED
TO THIS WELL

DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1321.6'

19. PROPOSED DEPTH
6900' Green River

20. ROTARY OR CABLE TOOLS
rotary

ELEVATIONS (Show whether DFL, RT, GR, etc.)
5743' GL

22. APPROX. DATE WORK WILL START*
October 1988

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#	400'	250 sx
7-7/8"	5-1/2"	15.50#	6900'	1600 sx

1. This well will be spudded in the Uintah Formation.
2. Estimated Top Green River Upper Douglas Creek 5735'.
3. Oil and gas is expected in the Green River. No aquifers or other mineral zones are anticipated. Maximum expected BHP is 2800 psi.
4. The proposed circulating medium will be 3% KCL water or brine water with additives as needed to control mud properties.
5. Auxiliary equipment: float will be run in the drill string, a full opening valve to fit the drill string will be on the rig floor at all times. Kelly cock valves will be used.
6. Sidewall coring and drill stem tests may be run in potential pay zones.
7. No abnormal temperatures or potential hazards are expected. See a copy of the BOP diagram to be used on this well. Exhibit I.
8. Duration of operations will be approximately 10 days.

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.

SIGNED R.L. Martin (303) 778-7030
TITLE VP O/G Operations DATE 9/09/88

PERMIT NO. 43-013-31217 APPROVAL DATE _____

APPROVED BY _____ TITLE _____
OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 9-21-88
BY: [Signature]
WELL SPACING: R615-3-3

*See Instructions On Reverse Side

T4S, R4W, U.S.B.&M.

PROJECT
COORS ENERGY CO.

Well location, UTE TRIBAL #3-10D, located as shown in the SE1/4 SW1/4 of Section 10, T4S, R4W, U.S.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION IN THE SW1/4 SE1/4 OF SECTION 10, T4S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE NE QUADRANGEL, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5750 FEET



CERTIFICATE

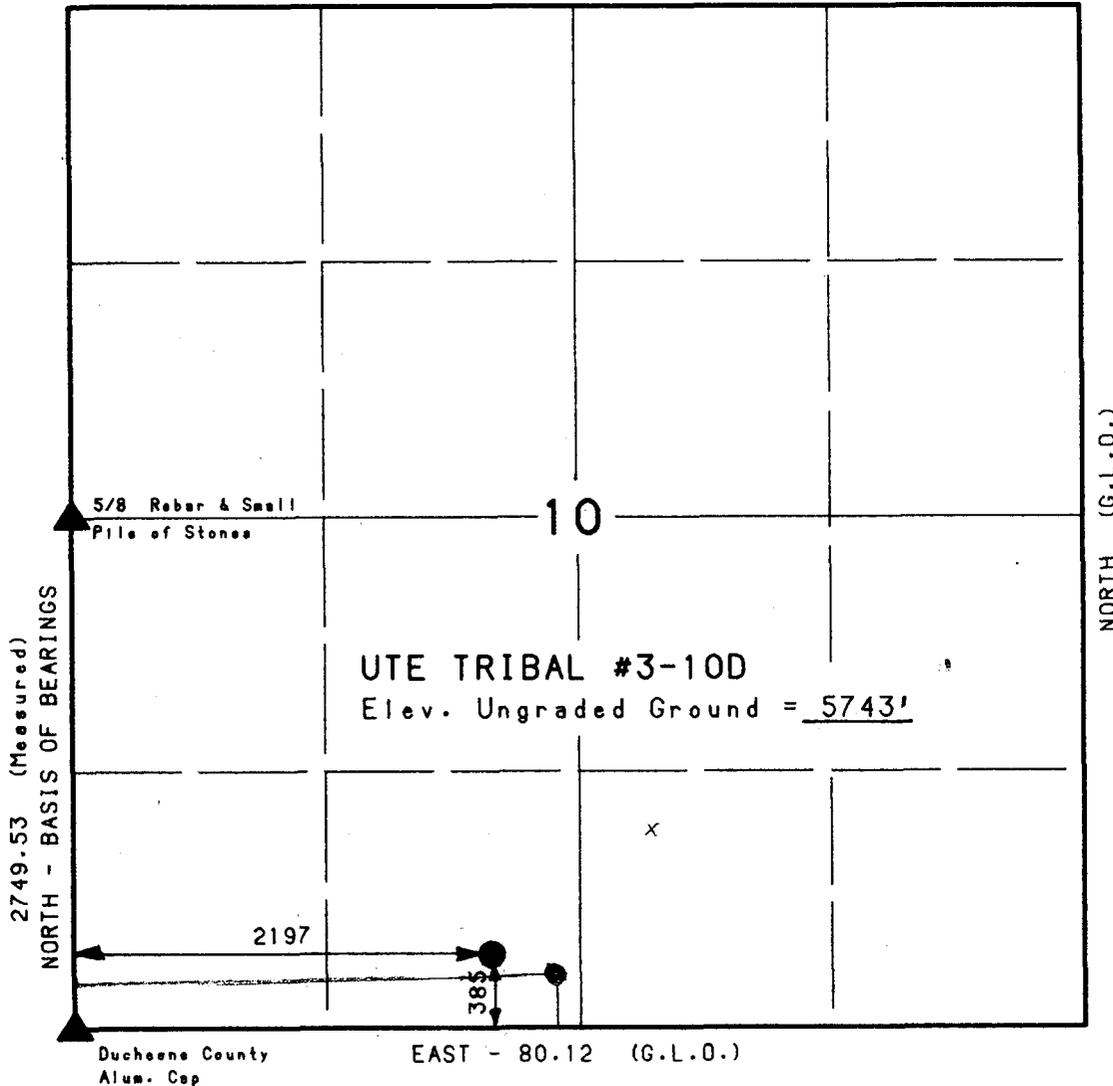
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Nelson J. ...
REGISTERED LAND SURVEYOR
REGISTRATION NO. 2454
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 8-13-88
PARTY D.A. J.K. J.T.K.	REFERENCES GLD
WEATHER HOT	FILE COORS ENERGY CO.

80.08



= SECTION CORNERS I

Exhibit "A"

OPERATOR Coors Energy Company DATE 9-14-88

WELL NAME Ute Tribal 3-10D

SEC SESW 10 T 4S R 4W COUNTY Duchesne

43-013-31217
API NUMBER

Indian
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920' in sec. 10 and sec. 15
Need water permit
Need Exception location request. Received 9-22-88.

APPROVAL LETTER:

SPACING: R615-2-3 _____ UNIT _____ R615-3-2

_____ CAUSE NO. & DATE _____ R615-3-3

STIPULATIONS:

1- water permit



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

September 27, 1988

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

Gentlemen:

Re: Ute Tribal 3-10D - SE SW Sec. 10, T. 4S, R. 4W - Duchesne County, Utah
385' FSL, 2197' FWL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-3, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

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

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form OGC-8-X.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2
Coors Energy Company
Ute Tribal 3-10D
September 27, 1988

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31217.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

lr
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T



P.O. BOX 467 GOLDEN, COLORADO 80402

September 26, 1988

RECEIVED
SEP 29 1988

Bureau of Land Management
Attn: Mr. Don Elvord
Vernal District Office
170 South 500 East
Vernal, Utah 84078

DIVISION OF
OIL, GAS & MINING

RE: Ute Tribal 3-10D
Section 10, T4S-R4W
Duchesne County, Utah

Ute Tribal 3-15D
Section 15, T4S-R4W
Duchesne County, Utah

43-013-31217

Dear Mr. Elvord:

Please find enclosed a copy for each APD for the above referenced wells of a THREATENED AND ENDANGERED SPECIES SURVEY. This survey is to be included with the other material previously submitted with our APD.

If you should have a need for additional copies of this study or are in need of any further information, please feel free to call me at (303) 278-7030.

Very truly yours,

D. S. Sprague
Manager, Engineering Services

DSS/jf
Enclosures

cc: With Enclosures:
Utah Oil & Gas Commission
BIA, Duchesne, Utah
Ute Tribal Headquarters, Duchesne, Utah
file

THREATENED AND ENDANGERED SPECIES SURVEY
OF FIVE PROPOSED WELL SITES

This Report Covers Wells:

Ute Tribal 2-10 D
Ute Tribal 3-10 D
Ute Tribal 3-15 D
Ute Tribal 4-15 D
Ute Tribal 5-15 D

Prepared for

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

Prepared by

Peter E. Kung
Biological Consulting
346 North 400 West
Logan, Utah 84321

September 13, 1988

THREATENED AND ENDANGERED SPECIES SURVEY
OF FIVE PROPOSED WELL SITES

On September 6, 1988, five proposed well sites and access corridors leading to these well sites were surveyed for listed and candidate Threatened and Endangered species. The survey was conducted for Coors Energy Company.

The five proposed well sites and access corridors were inspected for presence of Threatened and Endangered (T&E) species and habitat components suggesting potential value of the site for T&E species. The six T&E species searched for during the survey are peregrine falcon, bald eagle, whooping crane, black-footed ferret, Colorado River squawfish, and the Uinta Basin hookless cactus. In addition, eight species that are currently candidates for addition to the T&E species list were searched for: ferruginous hawk, Swainson's hawk, white-faced ibis, long-billed curlew, mountain plover, snowy plover, razorback sucker, and Barneby peppergrass.

The surveyed area at each well site was about 2 acres, large enough to include an undisturbed buffer zone around the proposed drill pad. The access corridor was surveyed for 25 feet either side of the proposed road centerline. The survey was conducted by walking back-and-forth over the proposed well site and access corridor such that all areas to be disturbed could be inspected. In addition, a search for raptor nests was conducted in all appropriate habitat within 0.25 miles from the proposed well site and within 0.10 miles of the proposed access corridor. Special attention was given to cliffs, large trees, and other sites frequently used for nesting. During the survey, physical,

floral, and faunal characteristics of each site were assessed.

No T&E species were observed, however a small stick nest in good repair, (probably used during the 1988 breeding season) was found in Sec 10 near the location of Ute Tribal 3-10D. The nest's size, construction and location are similar to that utilized by ferruginous hawks, a hawk of special interest in this area. Data on the physical and floristic characteristics of the sites indicate that some appropriate habitat may exist in this area for the 14 species considered. Below, the potential for each species to occur on the sites is discussed.

Colorado River Squawfish. Not a possible inhabitant. This fish inhabits large rivers in the Uinta Basin such as the Green River and lower portion of the Duchesne River. It has never been recorded in small perennial streams such as those found near Duchesne, Utah. No appropriate habitat exists for this species in the areas surveyed.

Razor-backed Sucker. Not a possible inhabitant. This fish inhabits large rivers in the Uinta Basin such as the Green River and lower portion of the Duchesne River. It has never been recorded in small perennial streams such as those found near Duchesne, Utah. No appropriate habitat exists for this species in the areas surveyed.

Whooping Crane. This species is a rare migrant over the Uinta Basin, stopping rarely to forage in plowed fields, wet meadows, and marshland (e.g., Duray Wildlife Refuge in 1976 and 1977, Pelican Lake, and Stewart Lake). Appropriate habitat exists for this species near the areas surveyed, specifically along the Duchesne River. However, this bird's migration route

takes it across a more eastern section of the Uinta Basin, almost eliminating its occurrence in this region. No appropriate habitat exists for this species in the areas surveyed.

White-faced Ibis. This species is an uncommon to fairly common summer resident in the Uinta Basin, frequenting irrigated cropland, pastures, and marshes along flood plains of major rivers. White-faced ibis have been recorded from the Green River, Ashley Creek marsh, Pariette Wetlands and Pelican Lake. Appropriate habitat exists for this species near the areas surveyed, specifically along the Duchesne River. Nevertheless, development and production will not interfere with this bird's productivity. No appropriate habitat exists for this species in the areas surveyed.

Long-billed Curlew. This curlew is an uncommon to fairly common migrant in the Uinta Basin; no documented breeding records exist. On migration, it visits pastures, arid grassland, and shorelines. Most records are from the Pariette Wetlands, Jensen, Vernal, and Pelican Lake area. Appropriate habitat exists for this species near the areas surveyed, specifically along the Duchesne River. Nevertheless, development and production of the wells will not interfere with this bird's migration. No appropriate habitat exists for this species in the areas surveyed.

Mountain Plover. There are no documented records for this species in the western part of the Uinta Basin. Where it does occur, it nests in open plains at moderate elevations. The shadscale-sagebrush habitat, which is an important vegetation

type in the region, is at best marginal habitat for mountain plovers. None are expected at these well sites.

Snowy Plover. There are no documented records for snowy plovers in the western part of the Uinta Basin. These small plovers inhabit mudflats and alkali flats during both migration and the breeding season. No appropriate habitat exists for this species in the areas surveyed.

Swainson's Hawk. This hawk is a fairly common summer resident in the Uinta Basin. It nests in deciduous trees in riparian woodlands, shelterbelts, and occasionally in scattered junipers. The most important breeding habitat in the region is the Duchesne River floodplain. Some of the study sites may be used occasionally for foraging and the nearby riparian woodland along the Duchesne River for nesting. Well development and production will not interfere with this hawk's productivity.

Ferruginous Hawk. The ferruginous hawk is an uncommon to fairly common permanent resident in the Uinta Basin. It is usually found in open country (shrubland, grassland) but may be found in pinyon-juniper habitat as well. It usually nests on the ground or atop isolated pinyons or junipers and has been recorded nearby Myton, Pleasant Valley, and Roosevelt. This species could forage and nest in open, shrub-dominated vegetation types. Although it is not yet confirmed in this area as a nester, a nest found during the current survey should be considered as a possible ferruginous hawk nest site. Well development and production should be undertaken so as to minimize potential impact to ferruginous reproductive efforts, typically March 1 to June 30.

Bald Eagle. Bald eagles are fairly common to common winter visitors in the Uinta Basin, wintering primarily in deciduous riparian habitat in this part of Utah and foraging widely during the day. Numerous individuals winter along the Duchesne River. Occasional sightings of bald eagles foraging near the proposed well sites should be expected in winter. Well development and production will not interfere with this eagle's survival.

Peregrine Falcon. Peregrine falcons are rare breeding residents in the Uinta Basin (e.g., Split Mountain at Dinosaur National Monument). They prefer deep canyons where they nest in the high, inaccessible cliffs. They forage widely. No good breeding sites exist for this species in the area surveyed. However, this species should be looked for as a rare migrant in the region.

Black-footed Ferret. There are no published records of this ferret in the Uinta Basin although several unconfirmed sightings have been made east of Vernal and in the Pelican Lake area. Black-footed ferrets are thought to occur only in large prairie dog towns where they feed almost exclusively on prairie dogs. Although prairie dogs or sign were encountered at two survey sites, the current population densities could not support a ferret. Care was taken however, to examine all potentially affected burrows within the access corridor and drill pad areas for any ferret sign. None was expected or encountered.

Uinta Basin Hookless Cactus. This cactus occurs in arid shrubland, usually in the Green River geologic formation. Some specimens have been found in the Uinta Formation (e.g., the

Synfuels Shale Oil Development site), however, no specimens have been recorded in pinyon-juniper woodland.

Barneby Peppergrass. Barneby peppergrass (which is not a grass but a low-growing perennial mustard) occurs on barren ridges in pinyon-juniper woodland. The only known population is 3.5 miles southwest of Duchesne, north of Indian Canyon. A superficially similar mustard, Lesquerella subumbellata, which is not threatened or endangered, also occurs in the region. No appropriate habitat exists near any well site.

In summary, only a few of the 14 T&E species listed are likely to occur at the areas surveyed, but none of these were actually encountered. The nest found in Sec 10, however, should be considered a potential future nest site for ferruginous hawks, and treated accordingly. It is recommended that all human activity in the area should be restricted during the traditional ferruginous courtship, nest building and egg laying period (March 1-April 10) or until it is determined whether the nest is active or not for the year. Furthermore, extreme care should be taken not to disturb or otherwise affect the existing nest structure and its immediate surroundings (approximately 200 ft. buffer zone). Activity restrictions would also apply to any areas within 1/4 mile of the possible ferruginous nest site. This would affect proposed Well 3-10D (150 ft. from the nest site) and Wells 2-10D and 5-15D (within 1/4 mile). Consultations with the Vernal Offices of BLM and UDWR are currently underway to determine the status of this raptor in the area, and to further define possible environmental requirements prior to proposed well development and production.

Descriptions of the five proposed Well Sites and Access
Corridors follow.

SITE DESCRIPTION

SITE NAME: Ute-tribal #2-10D Access Road

SITE LOCATION: Sec 10 T4S R4W SW1/4 Sw1/4

PHYSICAL CHARACTERISTICS

Elevation: Approx. 5780 ft.

Topography: Rolling drainage NNE aspect

Substrate: Clay loam; shaly and sandy areas, some desert pavement

Length: Approx. 1200 ft.

FLORAL CHARACTERISTICS

Habitat Type: Pinyon juniper/Desert shrub

Percent Ground Cover: 15% trees; 5% shrubs; less than 5% grass/forb

Canopy Height: 7 ft. trees; 10 in. shrubs

Dominant Shrubs and Trees (in order of abundance):

Juniperus osteosperma, Artemisia nova, Atriplex confertifolia, Artemisia pygmaea, Ephedra spp., Gutierrezia sarothrae, Chrysothamnus nauseosus, Artemisia spinescens

Common Forbs and Grasses;

Hilaria jamesii, Erigeronum microthecum, Erigeronum spp., Bouteloua gracilis, Dryzopsis hymenoides, Crypthantha spp., Astragalus spp.

Miscellaneous: Opuntia polyacantha, Euphorbia fendleri

FAUNAL CHARACTERISTICS:

Vertebrates Observed On and Near Site: Mourning dove, sagebrush lizard

Wildlife Sign: Heard Pinyon jay

Permanent Water: None

Observed Threatened and Endangered Species: None

Raptor Nests: Small stick nest/bluff 1/4 mile away (see 3-10D information)

Potential Threatened and Endangered Species: Passage of Swainson's and Ferruginous hawks, Bald eagle and Prairie falcon

Potential Ecological Sensitivity: Medium. Within 1/4 mile of possible ferruginous hawk nest. Restrict human activity during breeding season until nesting confirmed or denied.

OBSERVER: Peter E. Kung, B.S., Wildlife Biologist
9/6/88 Clear skies smoky/hazy
5 MPH wind 90°F
S:14:20 E:15:40

SITE DESCRIPTION

SITE NAME: Ute-tribal #2-10D Well Site

SITE LOCATION: Sec 10 T4S R4W SW1/4 Sw1/4

PHYSICAL CHARACTERISTICS

Elevation: Approx. 5780 ft.

Topography: Rolling drainage NNE aspect

Substrate: Clay loam; shaly and sandy areas

FLORAL CHARACTERISTICS

Habitat Type: Pinyon juniper

Percent Ground Cover: 15% trees; 5% shrubs; less than 5%
grass/forb

Canopy Height: 7 ft. trees; 10 in. shrubs

Dominant Shrubs and Trees (in order of abundance):

Juniperus osteosperma, Artemisia nova, Atriplex
confertifolia, Artemisia pygmaea, Ephedra spp.,
Gutierrezia sarothrae, Chrysothamnus nauseosus, Artemisia
spinescens

Common Forbs and Grasses;

Hilaria jamesii, Eriogonum microthecum, Eriogonum spp.,
Bouteloua gracilis, Dryzopsis hymenoides, Cryptantha
spp., Astragalus spp.

Miscellaneous: Opuntia polyacantha, Euphorbia fendleri

FAUNAL CHARACTERISTICS:

Vertebrates Observed On and Near Site: Mourning dove, Pinyon
jay, Black-tailed jackrabbit

Wildlife Sign: Heard Clark's nutcracker

Permanent Water: None

Observed Threatened and Endangered Species: None

Raptor Nests: Small stick nest/bluff 1/4 mile away (see 3-10D
information)

Potential Threatened and Endangered Species: Passage of
Swainson's and Ferruginous hawks, Bald eagle and Prairie
falcon

Potential Ecological Sensitivity: Medium. Within 1/4 mile of
possible ferruginous hawk nest. Restrict human activity
during breeding season until nesting confirmed or denied.

OBSERVER: Peter E. Kung, B.S., Wildlife Biologist
9/6/88 Clear skies smoky/hazy
5 MPH wind 90°F
S:14:20 E:15:40

SITE DESCRIPTION

SITE NAME: Ute-tribal #3-10D Access Road

SITE LOCATION: Sec 10 T4S R4W SE1/4 SW1/4

PHYSICAL CHARACTERISTICS

Elevation: Approx. 5750 ft.
Topography: Small ridge, rolling
Substrate: Clay loam, shaly
Length: Approx. 400 ft.

FLORAL CHARACTERISTICS

Habitat Type: Desert shrub/ Pinyon-juniper
Percent Ground Cover: Less than 5% trees; 5% shrubs; 5%
grass/forb
Canopy Height: 6 ft. trees; 10 in. shrubs
Dominant Shrubs and Trees (in order of abundance):
Juniperus osteosperma, Artemisia nova, Atriplex
confertifolia

Common Forbs and Grasses:

Gutierrezia sarothrae Dryzopsis hymenoides, Hilaria
jamesii, Bouteloua gracilis

Miscellaneous: Opuntia polyacantha

FAUNAL CHARACTERISTICS:

Vertebrates Observed On and Near Site: Pinyon jay, Horned
lark, Sagebrush lizard
Wildlife Sign: Heard Least chipmunk
Permanent Water: None
Observed Threatened and Endangered Species: None
Raptor Nests: Small stick nest/bluff nearby (see Well Site
3-10D information)
Potential Threatened and Endangered Species: Passage of
Swainson's and Ferruginous hawks, Bald eagle and
Prairie falcon. Possible Ferruginous hawk breeding
range.
Potential Ecological Sensitivity: High. Possible Ferruginous
hawk nest site nearby. Development and production could
affect reproductive effort. Restrict human activity
during breeding season, until ferruginous nesting
confirmed or denied.

OBSERVER: Peter E. Kung, B.S., Wildlife Biologist
9/6/88 Clear skies hazy/smoky
5 MPH wind 84°F
S:12:35 E:14:10

SITE DESCRIPTION

SITE NAME: Ute-tribal #3-10D Well Site

SITE LOCATION: Sec 10 T4S R4W SE1/4 SW1/4

PHYSICAL CHARACTERISTICS

Elevation: Approx. 5750 ft.

Topography: Mesa edge 5% slope NE aspect

Substrate: Clay loam, shaly

FLORAL CHARACTERISTICS

Habitat Type: Desert shrub/Pinyon juniper

Percent Ground Cover: Less than 1% trees; 10% shrubs; less than 5% grass/forb

Canopy Height: 10 in. shrubs

Dominant Shrubs and Trees (in order of abundance):

Artemisia nova, Atriplex confertifolia, Sarcobatus vermiculatus

Common Forbs and Grasses:

Gutierrezia sarothrae, Oryzopsis hymenoides, Hilaria jamesii, Bouteloua gracilis, Ceratoides lanata, Eriogonum duchesnesne

Miscellaneous: Opuntia polyacantha, Ephedra spp.

FAUNAL CHARACTERISTICS:

Vertebrates Observed On and Near Site: Desert cottontail, Chipping sparrow, Violet green swallow

Wildlife Sign: None

Permanent Water: None

Observed Threatened and Endangered Species: None

Raptor Nests: 150 ft. from proposed well small stick nest/bluff; in good repair - used in 1988. Possible Ferruginous hawk nest

Potential Threatened and Endangered Species: Passage of Swainson's and Ferruginous hawks, Bald eagle and Prairie falcon. Possible Ferruginous hawk nest site.

Potential Ecological Sensitivity: High. Possible Ferruginous hawk nest site. Development and production could affect reproductive effort. Restrict human activity during breeding season, until ferruginous nesting confirmed or denied.

OBSERVER: Peter E. Kung, B.S., Wildlife Biologist
9/6/88 Clear skies smoky/hazy
5 MPH wind 84°F
S:12:35 E:14:10

SITE DESCRIPTION

SITE NAME: Ute-tribal #3-15D Access Road

SITE LOCATION: Sec 15 T4S R4W SW1/4 NW1/4

PHYSICAL CHARACTERISTICS

Elevation: Approx. 5825 ft.

Topography: Rolling ridge; SE aspect 5% slopes

Substrate: Clay loam; sandy

Length: Approx. 400 ft.

FLORAL CHARACTERISTICS

Habitat Type: Pinyon-Juniper

Percent Ground Cover: 5% trees; 5% shrubs; less than 5% grass/forb

Canopy Height: 6 ft. trees; 10 in. shrubs

Dominant Shrubs and Trees (in order of abundance):

Juniperus osteosperma, Pinus edulis, Atriplex confertifolia, Artemisia tridentata, Chrysothamnus nauseosus, Sarcobatus vermiculatus

Common Forbs and Grasses:

Oryzopsis hymenoides, Bromus tectorum, Bouteloua gracilis, Hilaria jamesii

Miscellaneous: Opuntia polyacantha

FAUNAL CHARACTERISTICS:

Vertebrates Observed On and Near Site: Desert cottontail

Wildlife Sign: Heard pinyon jays; antelope tracks

Permanent Water: None

Observed Threatened and Endangered Species: None

Raptor Nests: None

Potential Threatened and Endangered Species: Passage of Swainson's and Ferruginous hawks, Bald eagle, and Prairie falcon

Potential Ecological Sensitivity: Low

OBSERVER: Peter E. Kung, B.S., Wildlife Biologist
9/6/88 0-5 MPH wind 68°F Clear skies, hazy/smoky
S:8:15 E:10:00

SITE DESCRIPTION

SITE NAME: Ute-tribal #3-15D Well Site

SITE LOCATION: Sec 15 T4S R4W SW1/4 NW1/4

PHYSICAL CHARACTERISTICS

Elevation: Approx. 5850 ft.

Topography: Rolling ridge

Substrate: Clay loam; sandy

FLORAL CHARACTERISTICS

Habitat Type: Pinyon-Juniper

Percent Ground Cover: 5% trees; 5% shrubs; less than 5% grass/forb

Canopy Height: 6 ft. trees; 10 in. shrubs

Dominant Shrubs and Trees (in order of abundance):

Juniperus osteosperma, Pinus edulis, Atriplex confertifolia, Artemisia tridentata, Chrysothamnus nauseosus, Sarcobatus vermiculatus, Artemisia nova, Tetradymia spinosa

Common Forbs and Grasses:

Oryzopsis hymenoides, Bromus tectorum, Routeloua gracilis, Hilaria jamesii, Gutierrezia sarothrae, Eriogonum microthecum, Sitanion hystrix

Miscellaneous: Opuntia polyacantha, Yucca harrimaniae

FAUNAL CHARACTERISTICS:

Vertebrates Observed On and Near Site: Clark's nutcracker, Pinyon jays, Pronghorn antelope, Sagebrush lizard

Wildlife Sign: Heard pinyon jays, Rock wren, and Horned larks

Permanent Water: None

Observed Threatened and Endangered Species: None

Raptor Nests: None

Potential Threatened and Endangered Species: Passage of Swainson's and Ferruginous hawks, Bald eagle, and Prairie falcon

Potential Ecological Sensitivity: Low

OBSERVER: Peter E. Kung, B.S., Wildlife Biologist
9/6/88 0-5 MPH wind 68°F Clear skies, hazy/smoky
S:8:15 E:10:00

SITE DESCRIPTION

SITE NAME: Ute-tribal #4-15D Well Site

SITE LOCATION: Sec 15 T4S R4W SW1/4 NW1/4

PHYSICAL CHARACTERISTICS

Elevation: Approx. 5825 ft.

Topography: Ridge top; slight NE aspect (less than 5%)

Substrate: Clay loam; shaly, with some desert pavement

Length: No access road; location on existing road

FLORAL CHARACTERISTICS

Habitat Type: Desert shrub; Pinyon-Juniper

Percent Ground Cover: less than 5% trees; 5% shrubs; 20%
grass/forb

Canopy Height: 5 ft. trees; 8 in. shrubs

Dominant Shrubs and Trees (in order of abundance):

Juniperus osteosperma, Pinus edulis, Artemisia nova,
Atriplex confertifolia, Tetradymia spinosa,
Chrysothamnus nauseosus

Common Forbs and Grasses:

Oryzopsis hymenoides, Bouteloua gracilis, Hilaria
jamesii, Eriogonum microthecum, Gutierrezia sarothrae,
Chrysothamnus viscidiflorus, Eriogonum spp., Ceratoides
lanta

Miscellaneous: Ephedra spp., Opuntia polyacantha, Yucca
harrimaniae

FAUNAL CHARACTERISTICS:

Vertebrates Observed On and Near Site: Pronghorn antelope (4),
Black-tailed jackrabbit, Desert cottontail, White-tailed
prairie dog, Least chipmunk, Horned lark, Pinyon jays

Wildlife Sign: Active Neotoma spp. nest (woodrat)

Permanent Water: None

Observed Threatened and Endangered Species: None

Raptor Nests: None

Potential Threatened and Endangered Species: Passage of
Swainson's and Ferruginous hawks, Bald eagle, and Prairie
falcons

Potential Ecological Sensitivity: Low

OBSERVER: Peter E. Kung, B.S., Wildlife Biologist
9/6/88 5 MPH wind 72°F Clear skies, hazy/smoky
S:10:15 E:11:25

SITE DESCRIPTION

SITE NAME: Ute-tribal #5-15D Access Road

SITE LOCATION: Sec 15 T4S R4W NE1/4 NW1/4

PHYSICAL CHARACTERISTICS

Elevation: Approx. 5770 ft.

Topography: Sidehill 5% slope N aspect

Substrate: Clay loam; shaly

Length: Approx. 400 ft.

FLORAL CHARACTERISTICS

Habitat Type: Desert shrub/ Pinyon-juniper adjacent

Percent Ground Cover: Less than 1% trees; 10% shrubs, 5%
grass/forb

Canopy Height: 5 ft. trees; 10 in. shrubs

Dominant Shrubs and Trees (in order of abundance):

Artemisia nova, Atriplex confertifolia, Tetradymia
spinosa, Juniperus osteosperma

Common Forbs and Grasses:

Hilaria jamesii, Routeloua gracilis, Oryzopsis hymenoides

Miscellaneous: Opuntia polyacantha, Ephedra spp.

FAUNAL CHARACTERISTICS:

Vertebrates Observed On and Near Site: None

Wildlife Sign: Heard Pinyon jays

Permanent Water: None

Observed Threatened and Endangered Species: None

Raptor Nests: Small stick nest/bluff 1/4 mile away (see 3-10D
information)

Potential Threatened and Endangered Species: Passage of
Swainson's and Ferruginous hawks, Bald eagle, and Prairie
falcon

Potential Ecological Sensitivity: Medium. Within 1/4 mile of
possible Ferruginous hawk nest. Restrict human activity
during breeding season until nesting confirmed or denied.

OBSERVER: Peter E. Kung, B.S., Wildlife Biologist
9/6/88 Clear skies smoky/hazy
5 MPH wind 78°F
S:11:30 E:12:30

SITE DESCRIPTION

SITE NAME: Ute-tribal #5-15D Well Site

SITE LOCATION: Sec 15 T4S R4W NE1/4 NW1/4

PHYSICAL CHARACTERISTICS

Elevation: Approx. 5770 ft.

Topography: Sidehill 5% slope N aspect

Substrate: Clay loam; shaly

FLORAL CHARACTERISTICS

Habitat Type: Desert shrub

Percent Ground Cover: 0% trees; 5% shrubs; 15% grass/forb

Canopy Height: 12 in. shrubs

Dominant Shrubs and Trees (in order of abundance):

Artemisia nova, Atriplex confertifolia, Tetradymia spinosa, Chrysothamnus nauseosus, Artemisia spinosa, Artemisia pycnantha, Chrysothamnus spp.

Common Forbs and Grasses:

Hilaria jamesii, Bouteloua gracilis, Oryzopsis hymenoides, Gutierrezia sarothrae, Eriogonum microthecum, Ceratoides lanata, Lepodactylon pungens

Miscellaneous: Opuntia polyacantha, Ephedra spp.

FAUNAL CHARACTERISTICS:

Vertebrates Observed On and Near Site: Pinyon jay, Desert cottontail

Wildlife Sign: Heard Prairie dog, old Prairie dog activity, Antelope sign

Permanent Water: None

Observed Threatened and Endangered Species: None

Raptor Nests: Small stick nest/bluff 1/4 mile away (see 3-10 information)

Potential Threatened and Endangered Species: Passage of Swainson's and Ferruginous hawks, Bald eagle, and Prairie falcon

Potential Ecological Sensitivity: Medium. Within 1/4 mile of possible Ferruginous hawk nest. Restrict human activity during breeding season until nesting confirmed or denied

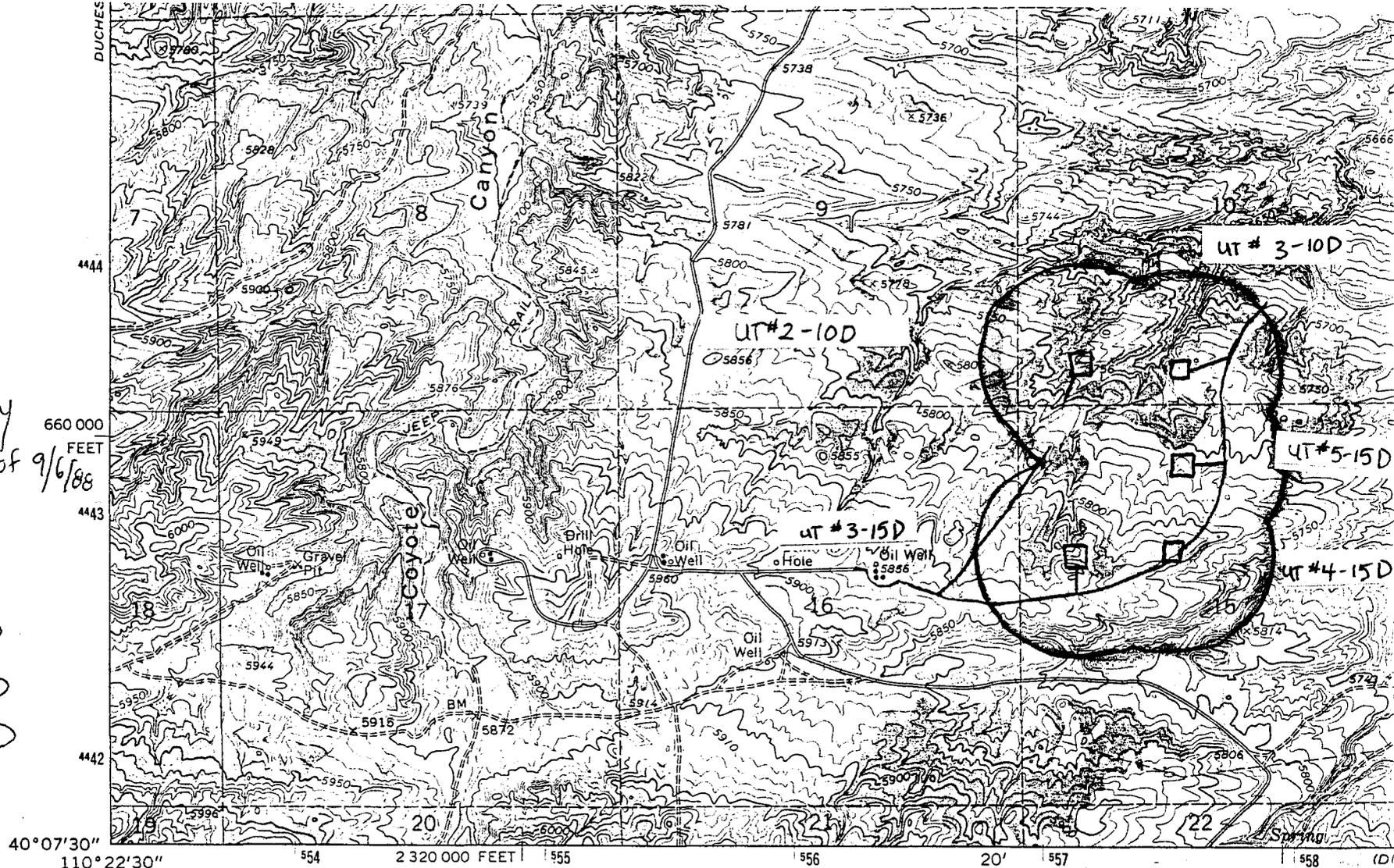
OBSERVER: Peter E. Kung, B.S., Wildlife Biologist

9/6/88 Clear skies smoky/hazy

5 MPH wind 78°F

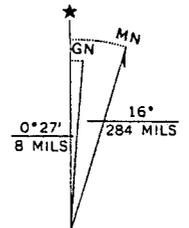
S:11:30 E:12:30

COVS Energy
 T&E Survey of 9/6/88
 UT # 2-10D
 # 3-10D
 # 3-15D
 # 4-15D
 # 5-15D

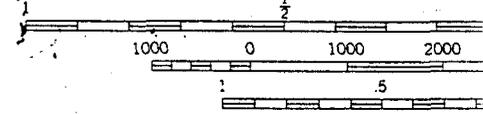


(DUCHEсне SW)
 3964 III SW

Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography by photogrammetric methods from aerial
 photographs taken 1962. Field checked 1964
 Polyconic projection. 1927 North American datum
 10,000-foot grid based on Utah coordinate system, central zone
 1000-meter Universal Transverse Mercator grid ticks,
 zone 12, shown in blue
 Fine red dashed lines indicate selected fence lines



UTM GRID AND 1964 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET



CONTOUR
 DOTTED LINES RE
 DATUM I

THIS MAP COMPLIES WITH
 FOR SALE BY U.S. GEOLOGICAL SURVEY, DE
 A FOLDER DESCRIBING TOPOGRAPHIC

Duchesne NE quad

RECEIVED
SEP 30 1988

DIVISION OF
OIL, GAS & MINING



September 27, 1988

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

Attn: Mr. Ron Firth

RE: Ute Tribal 3-10D
Section 10, T4S-R4W
Duchesne County, Utah

Dear Mr. Firth:

By our letter of September 10, 1988, an exception to the location for the referenced well was requested. Please disregard that request. The location has again been changed. The latest change was made by the BLM to comply with findings by the Threatened and Endangered Species Study. The revised location is 324' FSL and 2590' FWL.

Coors owns all the oil and gas leases in the S/2 Section 10 and the N/2 Section 15, T4S-R4W. The royalties in both sections 10 and 15 are owned by the Ute Tribe.

Please find attached a new Application for Permit to Drill reflecting the above mentioned changes.

Very truly yours,

D. S. Sprague
Manager, Engineering Services

DSS/jf

cc: w/attachments
BLM- Vernal
BIA- Duchesne
Ute Tribal Headquarters
Jim Simonton, Cindy O, Bob B., file



October 5, 1988

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

RECEIVED
OCT 07 1988

Attn: Mr. Craig M. Hansen

RE: Application for Permit to Drill
Ute Tribal 3-10D
Section 10, T4S-R4W
Lease No. I-109-IND-5351, Duchesne County, Utah

DIVISION OF
OIL, GAS & MINING

Dear Mr. Hansen:

In reference to your letter dated 9/26/88, we are enclosing a new surface plan and a revised Application for Permit to Drill for the above referenced well. As you recall, the original location had to be moved and re-onsited because of a suspected Ferruginous Hawk nest.

Please include these enclosures with the other material previously submitted with our APD.

If you should have a need for additional copies of these attachments or are in need of any further information, please feel free to call me at (303) 278-7030.

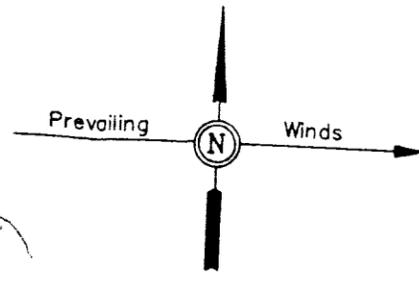
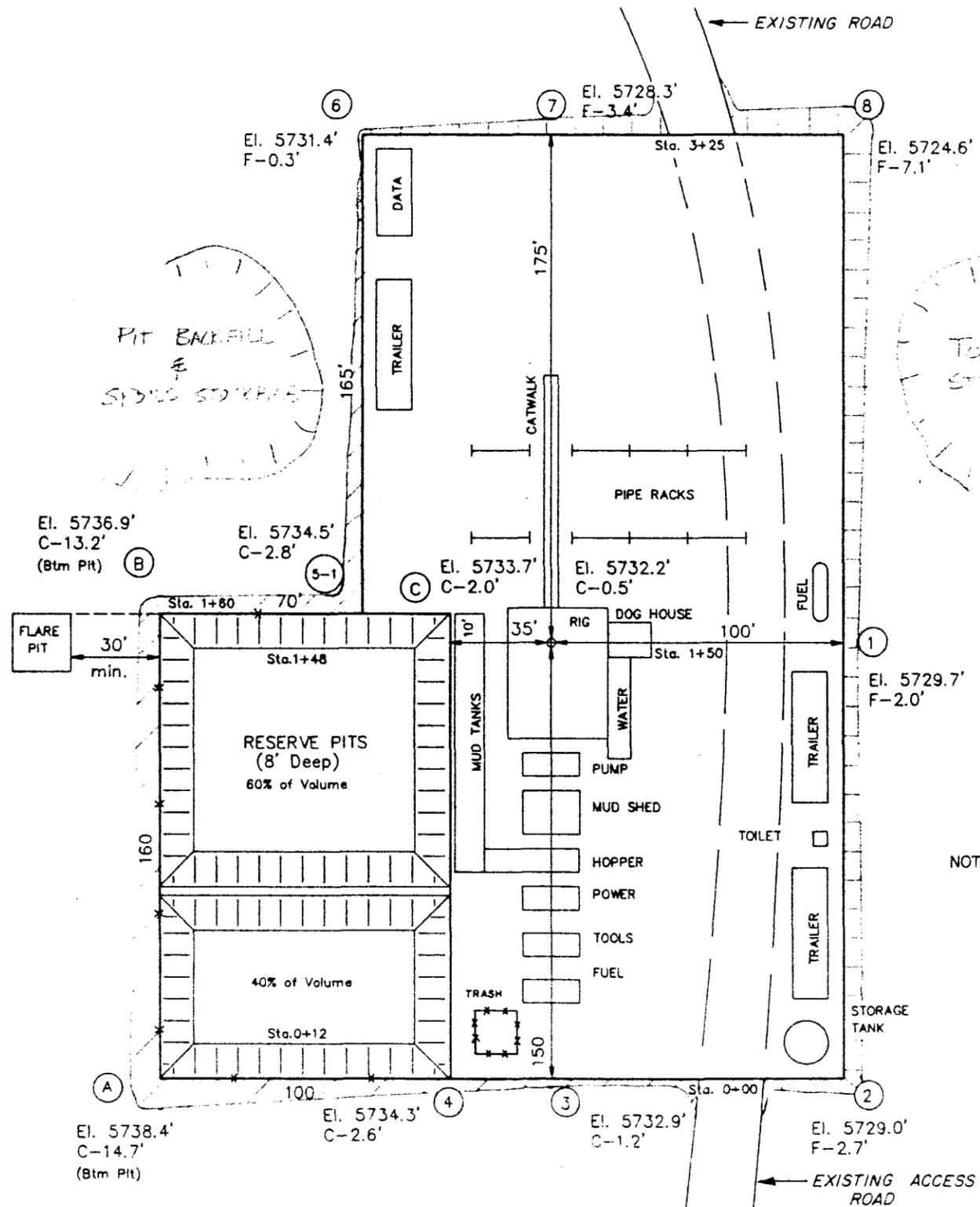
Very truly yours,

D. S. Sprague
Manager, Engineering Services

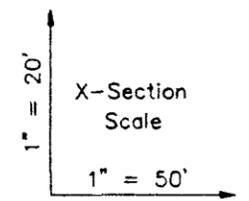
DSS/jf

cc: (w/enclosures)
Utah Oil & Gas Commission, Attn: Lisha Romero
BIA, Duchesne, Utah, Attn: Roland McCook
Utah Tribal Headquarters, Attn: Jason Cuch
file

COORS ENERGY CO.
 LOCATION LAYOUT FOR
 UTE TRIBAL 3-100
 SECTION 10, T4S, R4W, U.S.B.&M.



SCALE: 1" = 50'
 DATE: 9-24-88



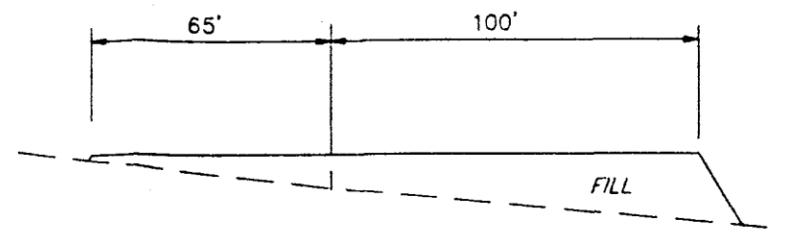
NOTE:
 NESTING SITE BEARS
 S 88° 52' 03" W - 595.50'
 FROM LOCATION

LOCATION DAMAGE
 AREA: 1.49 ACRES

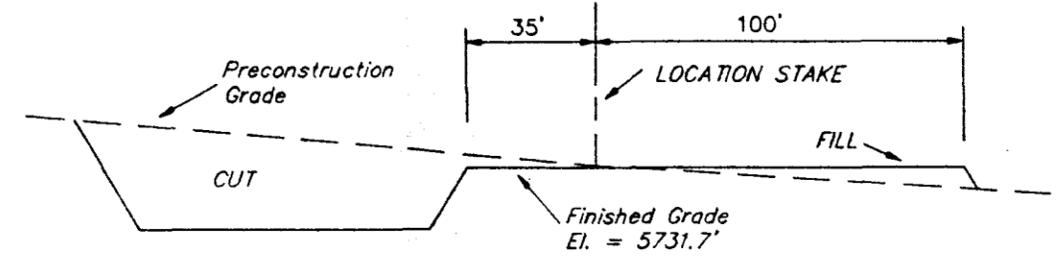
ROAD DAMAGE
 AREA: 0.00

APPROXIMATE YARDAGES

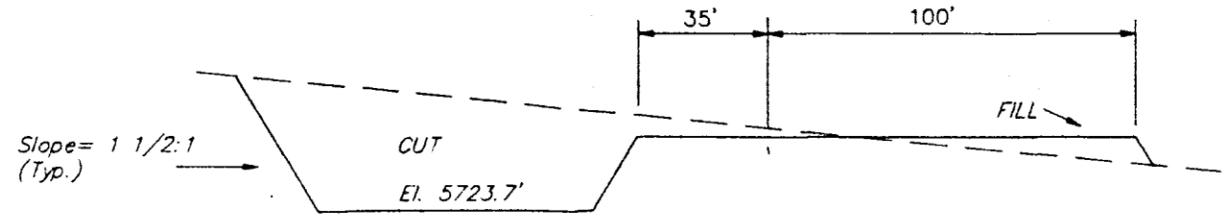
CUT		EXCESS MATERIAL AFTER	
(6") Topsoil Stripping	= 1,200 Cu. Yds.	20% COMPACTION	= 3,472 Cu. Yds.
Pit Volume (Below Grade)	= 3,468 Cu. Yds.	Topsoil & Pit Backfill	= 2,934 Cu. Yds.
Remaining Location	= 3,258 Cu. Yds.	(1/2 Pit Vol.)	
TOTAL CUT	= 7,926 CU.YDS.	EXCESS UNBALANCE	= 538 Cu. Yds.
FILL	= 3,563 CU.YDS.	(After Rehabilitation)	



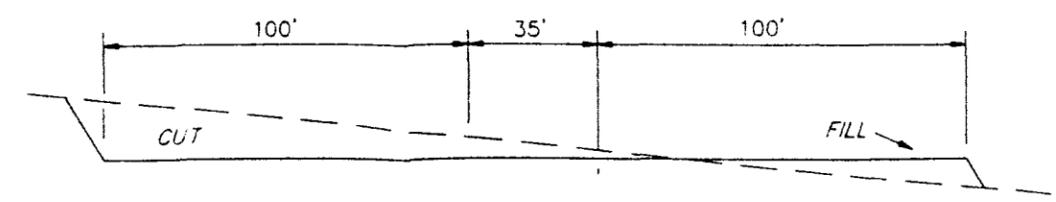
STATION 3+25.00



STATION 1+50.00



STATION 0+12.00



STATION 0+00.00

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER CORRECTED COPY SINGLE MULTIPLE

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 324' FSL, 2950' FWL, SE/SW
At proposed prod. zone same
DIVISION OF OIL, GAS & MINING

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
approximately 4 miles southeast of Duchesne

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
2316'

16. NO. OF ACRES IN LEASE
4150.06

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.
1000'

19. PROPOSED DEPTH
6900' Douglas Creek

20. ROTARY OR CABLE TOOLS
rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5732' GL

22. APPROX. DATE WORK WILL START
October 1988

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'	250 sxs
7-7/8"	5-1/2"	15.50#	6900'	1600 sxs

- This well will be spudded in the Uintah Formation.
- Estimated Top Green River Upper Douglas Creek 5735'.
- Oil and gas is expected in the Green River. No aquifers or other mineral zones are anticipated. Maximum expected BHP is 2800 psi.
- The proposed circulating medium will be 3% KCL water or brine water with additives as needed to control mud properties.
- Auxiliary equipment: float will be run in the drill string, a full opening valve to fit the drill string will be on the rig floor at all times. Kelly cock valves will be used.
- Sidewall coring and drill stem tests may be run in potential pay zones.
- No abnormal temperatures or potential hazards are expected. See a copy of the BOP diagram to be used on this well. Exhibit I.
- Duration of operations will be approximately 10 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 D.S. Sprague TITLE Manager, Engineering Services DATE 10/5/88

(This space for Federal or State/office use)

PERMIT NO. 43-013-31217

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

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL DATE _____
DATE 10-11-88
BY John R. Bays
WELL SPACING: RL 5-3-3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
I-109-IND-5351

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute Tribal
WELL NO.
3-10D

9. FIELD AND POOL, OR WILD CAT
Duchesne

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec 10, T4S-R4W

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

16. NO. OF ACRES IN LEASE
4150.06

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)
2316'

19. PROPOSED DEPTH
6900'

20. ROTARY OR CABLE TOOLS
rotary

22. APPROX. DATE WORK WILL START*
October 1988

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

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 324' FSL, -2950' FWL, SE/SW
At proposed prod. zone 2590 same
SIGN OF OIL, GAS & MINING

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
approximately 4 miles southeast of Duchesne

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)
2316'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.
1000'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5732' GL

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'	250 sxs
7-7/8"	5-1/2"	15.50#	6900'	1600 sxs

- This well will be spudded in the Uintah Formation.
- Estimated Top Green River Upper Douglas Creek 5735'.
- Oil and gas is expected in the Green River. No aquifers or other mineral zones are anticipated. Maximum expected BHP is 2800 psi.
- The proposed circulating medium will be 3% KCL water or brine water with additives as needed to control mud properties.
- Auxiliary equipment: float will be run in the drill string, a full opening valve to fit the drill string will be on the rig floor at all times. Kelly cock valves will be used.
- Sidewall coring and drill stem tests may be run in potential pay zones.
- No abnormal temperatures or potential hazards are expected. See a copy of the BOP diagram to be used on this well. Exhibit I.
- Duration of operations will be approximately 10 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 D.S. Sprague TITLE Manager, Engineering Services DATE 10/5/88
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL Assistant District Manager Minerals
APPROVED BY David E. Sprague TITLE acting DATE Oct. 18, 1988
CONDITIONS OF APPROVAL, IF ANY.

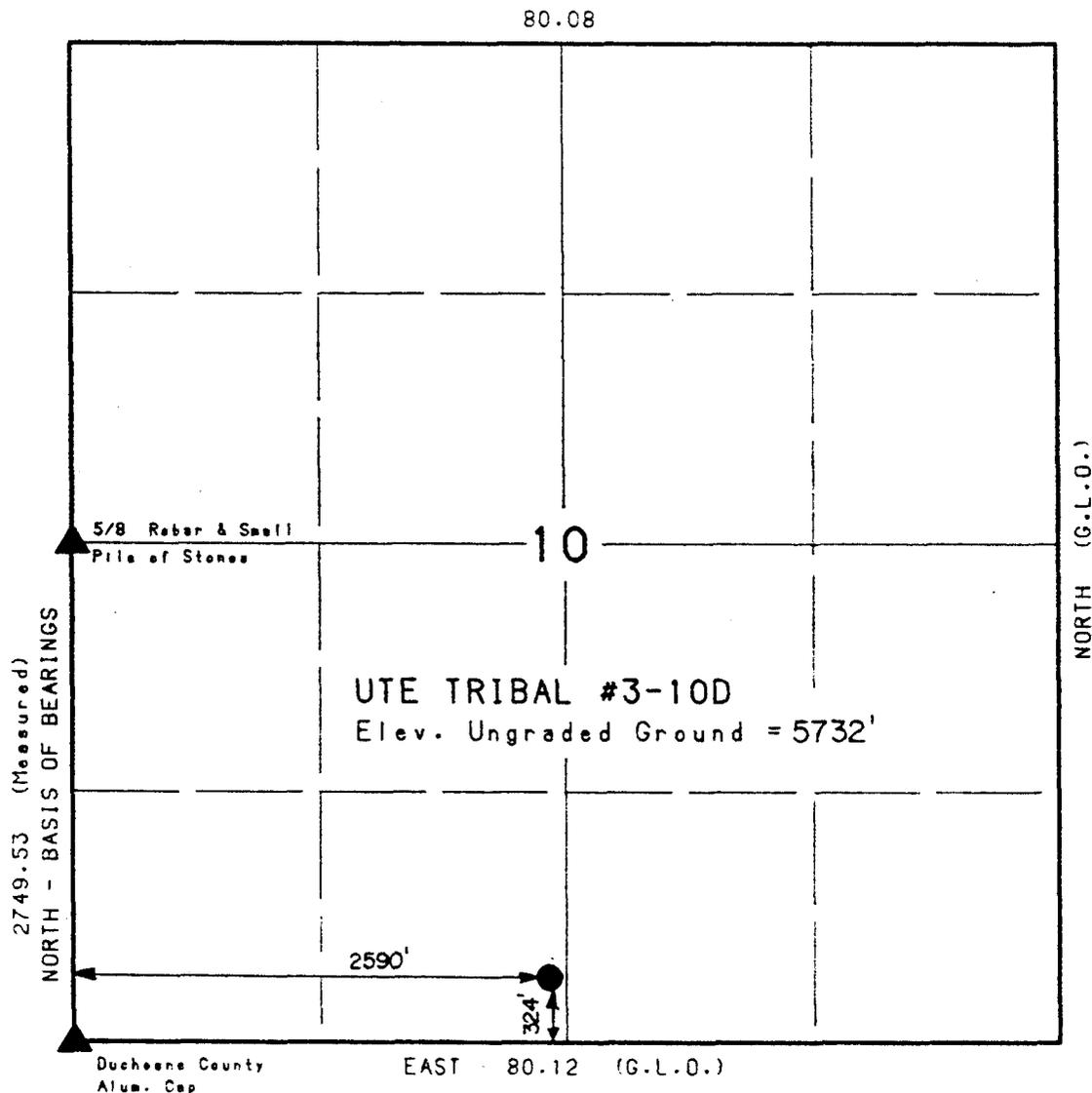
NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

T4S, R4W, U.S.B.&M.

Well location, UTE TRIBAL #3-10D, located as shown in the SE1/4 SW1/4 of Section 10, T4S, R4W, U.S.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION IN THE SW1/4 SE1/4 OF SECTION 10, T4S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE NE QUADRANGEL, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5750 FEET



UTE TRIBAL #3-10D
Elev. Ungraded Ground = 5732'



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.

Nelson J. Marshall

REGISTERED LAND SURVEYOR
REGISTRATION NO. 2354
STATE OF UTAH

REVISED 9-25-88

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

SCALE 1" = 1000'

DATE 8-13-88

PARTY S.A. C.R. S.T.R.

REFERENCES SLD

WEATHER HOT

FILE COORS ENERGY CO.

= SECTION CORNERS LOCATED



October 10, 1988

BLM, Vernal District Office
Attn: Mr. Craig M. Hansen
170 South 500 East
Vernal, Utah 84078

RECEIVED
OCT 13 1988

DIVISION OF
OIL, GAS & MINING

RE: Application for Permit to Drill
Ute Tribal 3-10D
Section 10, T4S-R4W
Duchesne County, Utah

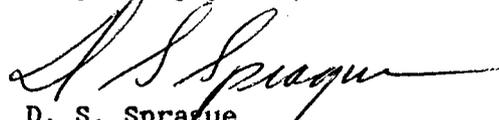
Dear Mr. Hansen:

In our correspondence of October 5, 1988, we were only able to enclose a copy of the plat and location layout drawing. We are now able to send you a surveyor's copy. Please include this original survey plat and related attachments with the other material previously submitted with our APD for the above referenced well.

In addition, we are enclosing a revised APD Form 3160-3. Please note the correction of Item 4. It should read 324' FSL, 2590' FWL, SE/SW.

If you should have a need for additional copies of these attachments or are in need of any further information, please feel free to call me at (303) 278-7030.

Very truly yours,


D. S. Sprague
Manager, Engineering Services

DSS/jf

cc: (w/enclosures)

Utah Oil & Gas Commission, Attn: Lisha Romero
BIA, Duchesne, Utah, Attn: Roland McCook
Utah Tribal Headquarters, Attn: Jason Cuch
file

UNITED STATES GOVERNMENT
memorandum

DATE: OCT 3 1988

REPLY TO
ATTN OF: Superintendent, Uintah and Ouray Agency

SUBJECT: Coors Energy Company: Ute Tribal Well 3-10D
Sec. 10-T4S-R4W, Fee Surface

TO: Bureau of Land Management, Vernal District Office
Attention: Mr. Ralph Brown

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

Based on available information received on September 27, 1988, we have cleared the proposed location in the following areas of environmental impact.

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

REMARKS: FEE SURFACE; BLM STIPULATIONS

DEPT. OF THE INTERIOR
OCT 03 1988
BUR OF LAND MANAGEMENT
VERNAL, UTAH

OPTIONAL FORM NO. 10
(REV. 1-80)
GSA FPMR (41 CFR) 101-11.6
5010-114

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

Company Coors Energy Corporation Well No. 3-10D
Location Sec. 10, T.4S., R.4W. Lease No. I-109-IND-5251
Onsite Inspection Date September 27, 1988

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

A. DRILLING PROGRAM

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

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

Fresh water may be encountered at depths of + 200 to 600 ft. and + 1050 to 1160 ft. in the Uinta formation and from + 1350 to 1600 and + 3500 to 3700 ft. in the Green River formation. The Mahogany oil shale zone has been identified from + 3411 to 3611 ft. Therefore, the resources will be isolated and/or protected via the cementing program for the production casing by having a cement top for the production casing at least 200 ft. above the oil shale.

Report ALL water shows and water-bearing sands to Wayne Svejnoha of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

2. Pressure Control Equipment

All BOPE configuration and testing procedures will be consistent with API RP 53 with individual components operable as designed. Ram preventers shall be tested to a minimum of 70% of the internal yield of the casing. Annular preventers shall be tested to a minimum of 50% of the internal yield of the casing.

Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface

casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

BOPE pressure tests shall be conducted for at least ten minutes.

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

3. Coring, Logging and Testing Program

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

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

A cement bond log (CBL), or some other means acceptable to the authorized officer, shall be utilized to determine the top of cement (TOC) for the production casing.

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

4. Notifications of Operations

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

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

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production,

whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

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

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

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

5. Other Information

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

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

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

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

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations

and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

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

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

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

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

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

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

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

In the event after-hour approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka
Petroleum Engineer

(801) 781-1190

Ed Forsman
Petroleum Engineer

(801) 789-7077

Revised October 1, 1985

Date NOS Received 08/04/88

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

Company/Operator Coors Energy Company
Well Name & Number Ute Tribal, No. 3-10D
Lease Number I-109-IND-5351
Location SE ¼ SW ¼ Sec. 10 T. 4 S. R. 4 W.
Surface Ownership _____

B. THIRTEEN POINT SURFACE USE PROGRAM:

There is no new access road construction. The location straddles an existing road.

The stockpiled topsoil will be stored between points 1 and 8.

Access to the well pad will be from the south side between points 2 and 3.

No construction or exploration activity will be permitted April 1 through July 15 due to the presence of an active raptor nest or eyrie.

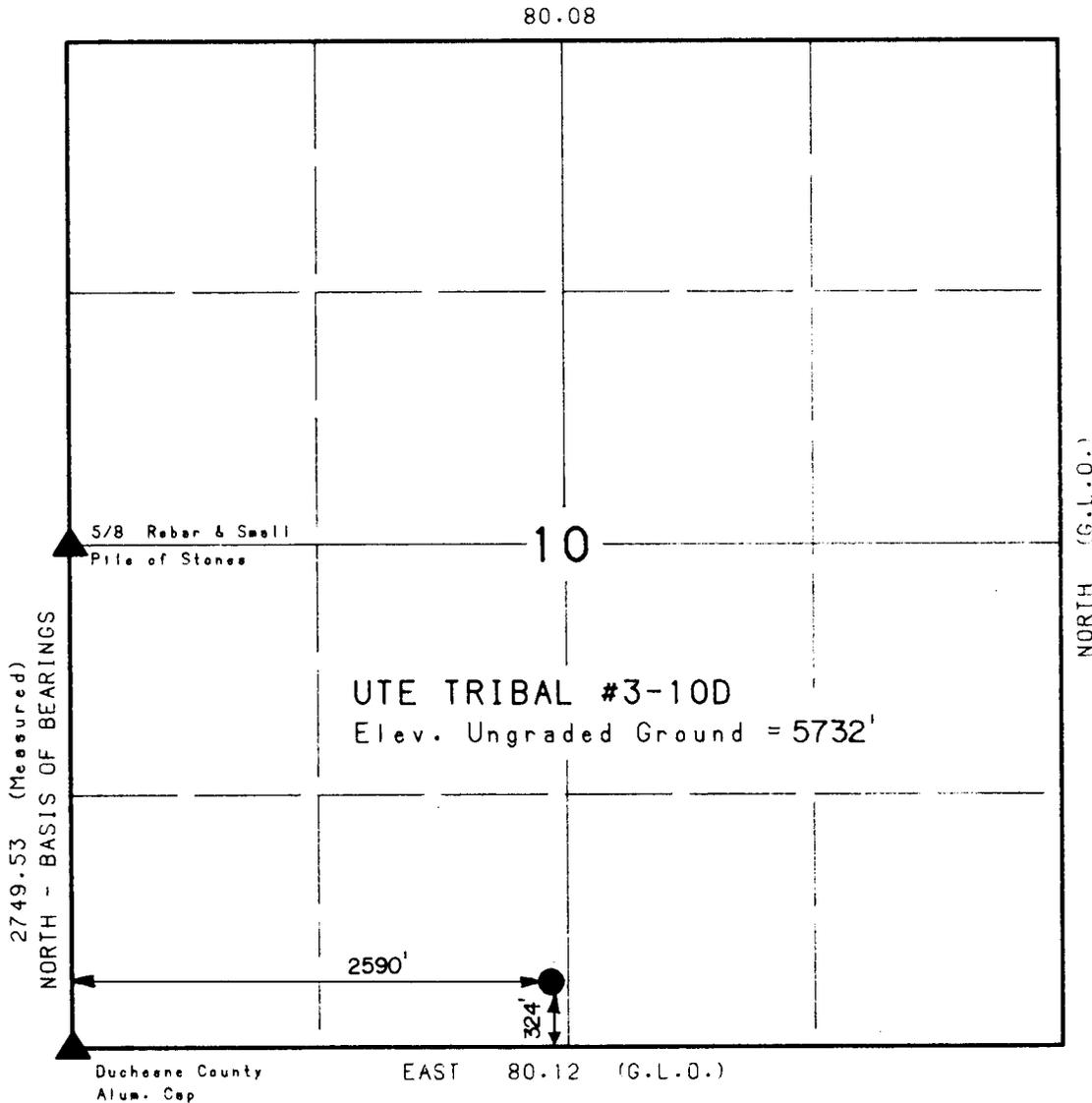
T4S, R4W, U.S.B.&M.

PROJECT
COORS ENERGY CO.

Well location, UTE TRIBAL #3-10D, located as shown in the SE1/4 SW1/4 of Section 10, T4S, R4W, U.S.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION IN THE SW1/4 SE1/4 OF SECTION 10, T4S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE NE QUADRANGEL, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5750 FEET



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.

Nelson Marshall

REGISTERED LAND SURVEYOR
REGISTRATION NO. 2394
STATE OF UTAH

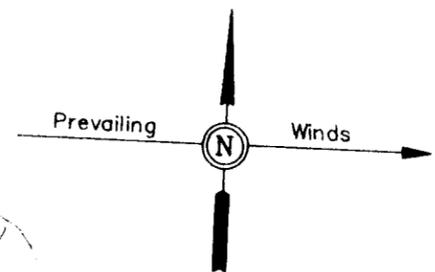
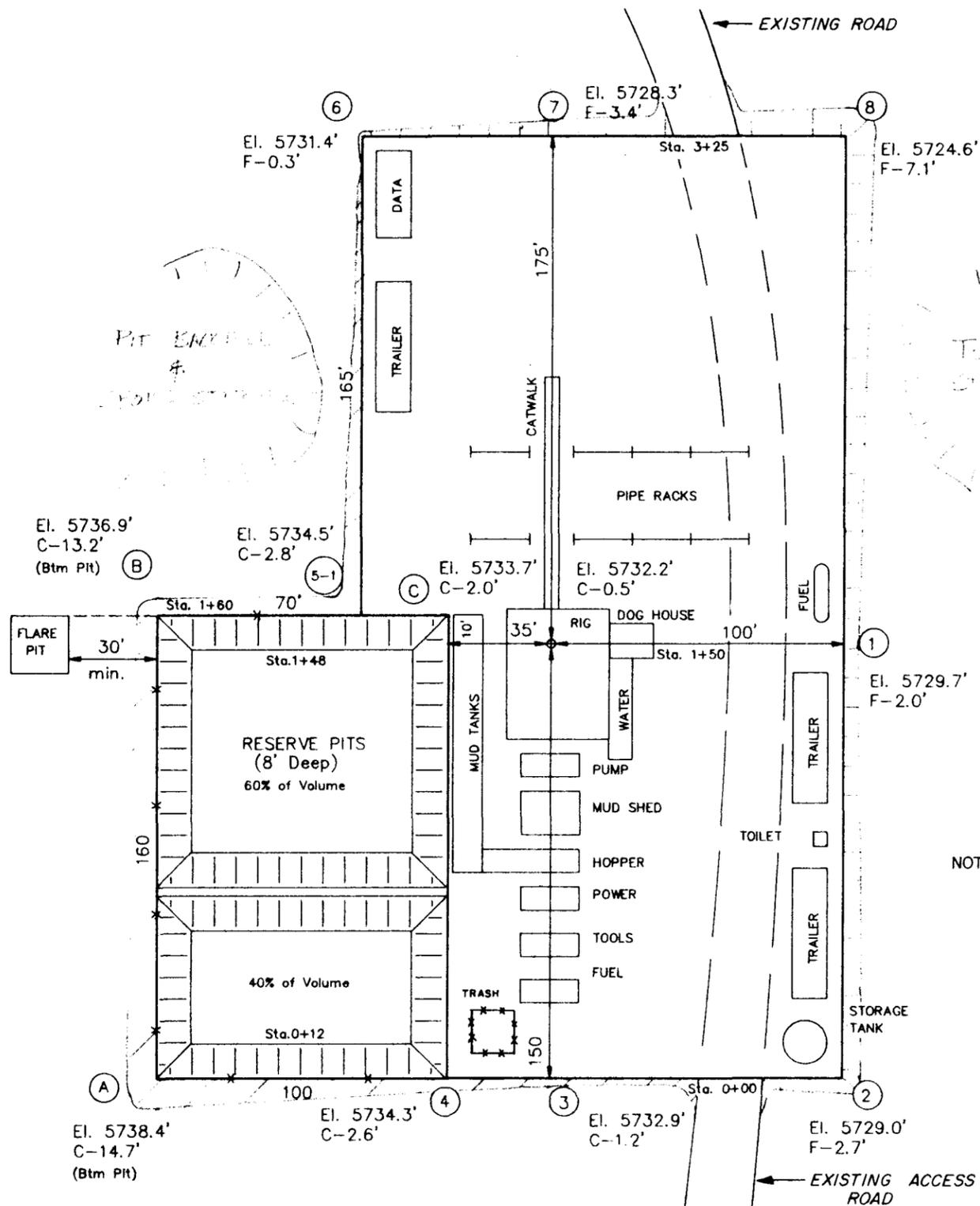
REVISED 9-25-88

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

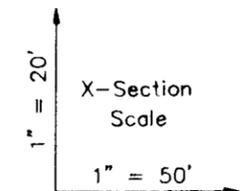
SCALE 1" = 1000'	DATE 8-13-88
PARTY D.A. J.K. J.T.K.	REFERENCES GLO
WEATHER HOT	FILE COORS ENERGY CO.

= SECTION CORNERS LOCATED

COORS ENERGY CO.
 LOCATION LAYOUT FOR
 UTE TRIBAL 3-10D
 SECTION 10, T4S, R4W, U.S.B.&M.



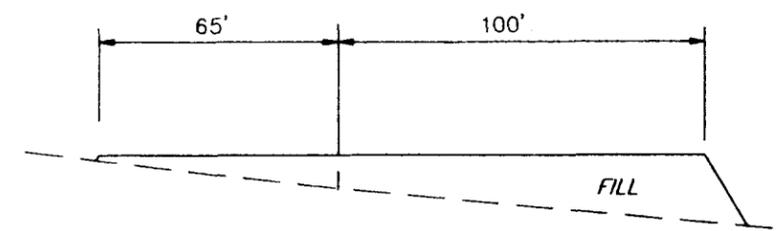
SCALE: 1" = 50'
 DATE: 9-24-88



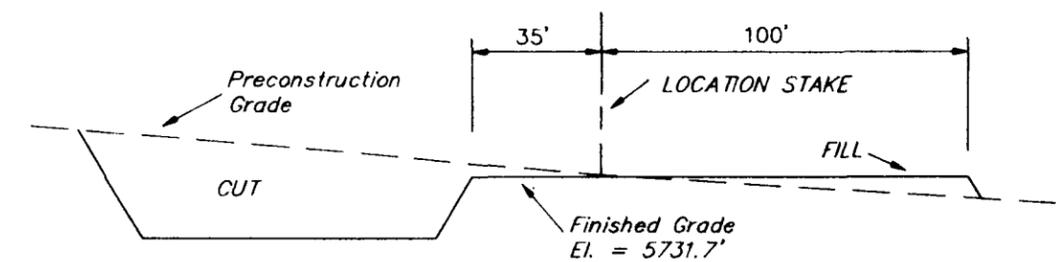
NOTE:
 NESTING SITE BEARS
 S 88° 52' 03" W - 595.50'
 FROM LOCATION.

LOCATION DAMAGE
 AREA: 1.49 ACRES

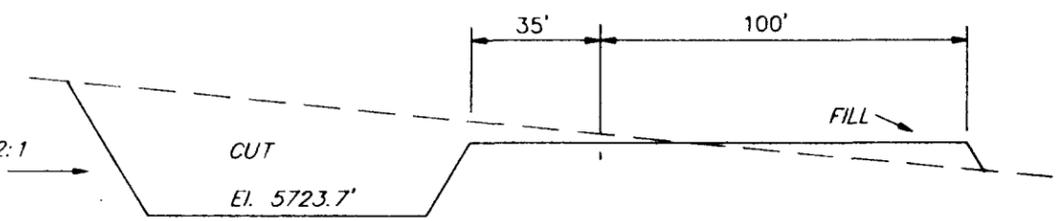
ROAD DAMAGE
 AREA: 0.00



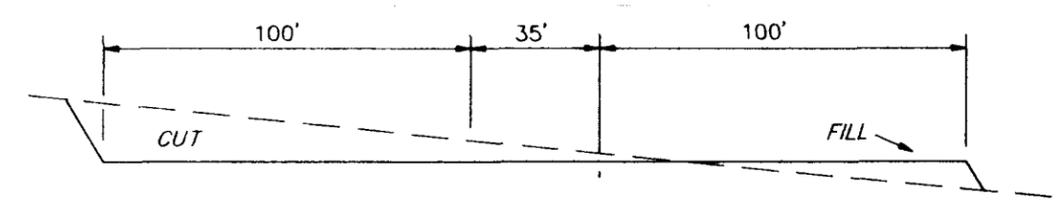
STATION 3+25.00



STATION 1+50.00



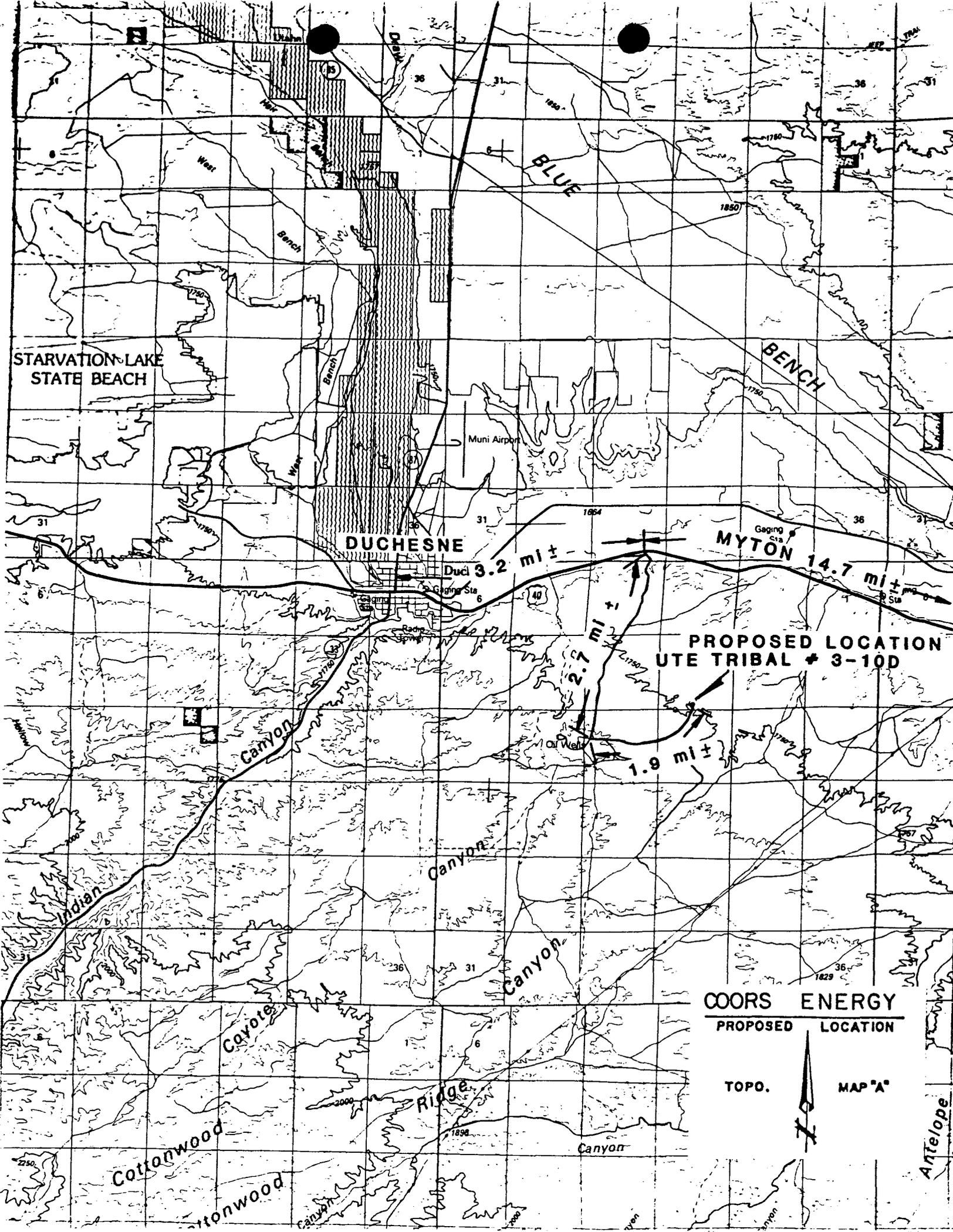
STATION 0+12.00



STATION 0+00.00

APPROXIMATE YARDAGES

CUT		EXCESS MATERIAL AFTER	
(6") Topsoil Stripping	= 1,200 Cu. Yds.	20% COMPACTION	= 3,472 Cu. Yds.
Pit Volume (Below Grade)	= 3,468 Cu. Yds.	Topsoil & Pit Backfill	= 2,934 Cu. Yds.
Remaining Location	= 3,258 Cu. Yds.	(1/2 Pit Vol.)	
TOTAL CUT	= 7,926 CU.YDS.	EXCESS UNBALANCE	= 538 Cu. Yds.
FILL	= 3,563 CU.YDS.	(After Rehabilitation)	



STARVATION LAKE
STATE BEACH

DUCHESNE

MYTON

PROPOSED LOCATION
UTE TRIBAL # 3-10

COORS ENERGY
PROPOSED LOCATION

TOPO.

MAP "A"



Antelope

BLUE

BENCH

Indian
Canyon

Coyote
Canyon

Cottonwood
Canyon

Cottonwood
Canyon

Ridge

Antelope
Canyon

3.2 mi ±

1.9 mi ±

2.1 mi ±

14.7 mi ±

Muni Airport

Duch

Gaging Sta

Gaging Sta

Road

Spring

Well

or

Well

7

5

36

31

1850

36

31

1850

1750

1750

31

31

1854

36

31

3.2

40

36

31

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6

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Duchesne

Bench

West

Indian

Coyote

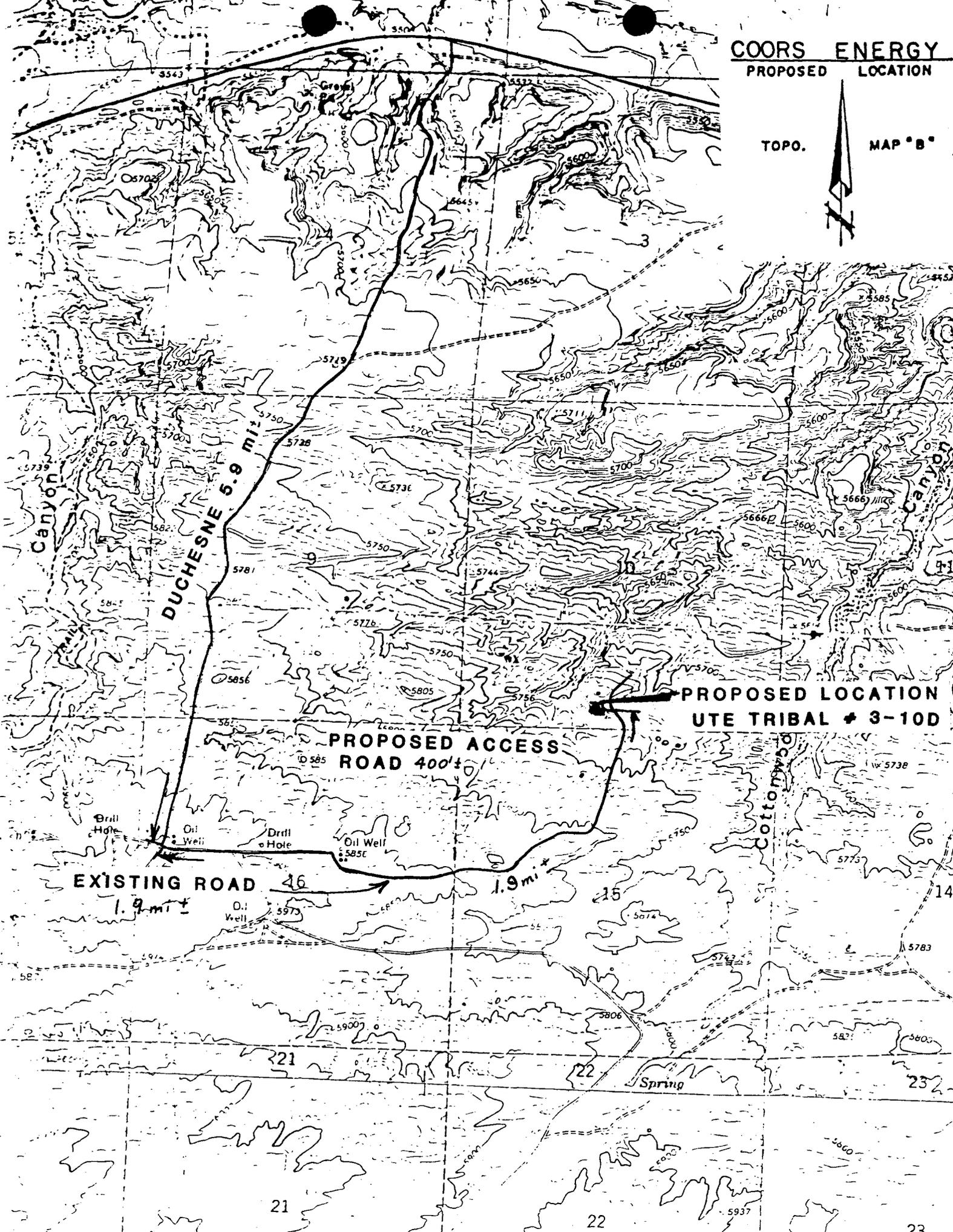
Ridge

Cottonwood

Antelope

Antelope

COORS ENERGY
PROPOSED LOCATION



DUCHEсне 5.9 mi

PROPOSED ACCESS ROAD 400

PROPOSED LOCATION UTE TRIBAL # 3-10D

EXISTING ROAD 46

1.9 mi

1.9 mi

21

22

23

###OIL EXPLORATION Oil well drilling, completion and service work in Sowards-Antelope Oil Field. PERIOD OF USE: 10/15 TO 10/15

***** E N D O F D A T A *****

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API NO. 43-013-31217

NAME OF COMPANY: COORS ENERGY

WELL NAME: UTE TRIBAL 3-10D

SECTIONSESW 10 TOWNSHIP 4S RANGE 4W COUNTY DUCHESNE

DRILLING CONTRACTOR LEON ROSS

RIG # _____

SPUDDED: DATE 10/22/88

TIME 10:30 a.m.

HOW RAT HOLE

DRILLING WILL COMMENCE 10/25/88 (EXETER #11)

REPORTED BY JANET FINLEY

TELEPHONE # 303-278-7030

DATE 10/24/88 SIGNED TAS

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

COMPANY: Coor's Energy

WELLNAME: ute Tribal 3-10 D API# 43-013-31217

SECTION: 10 TWP: 45 RANGE: 4W

INSPECTOR: John Berrier TIME: 4:00pm DATE: 10-27-88

REPRESENTATIVE: _____ PUSHER: Ray Gentry

OPERATIONS: Dry @ 1980 Shelby # 11

SPUD DATE: 10-22-88 conductor Pipe DEPTH: 1980
10-26-88 Rotary

DRILLING AND COMPLETIONS:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> APD | <input checked="" type="checkbox"/> WELL SIGN | <input checked="" type="checkbox"/> SANITATION |
| <input checked="" type="checkbox"/> BOPE | <input checked="" type="checkbox"/> BLOOIE LINE | <input checked="" type="checkbox"/> H2S |
| <input checked="" type="checkbox"/> VENTED/FLARED | <input checked="" type="checkbox"/> RESERVE PIT | <input checked="" type="checkbox"/> FLARE PIT |
| <input checked="" type="checkbox"/> BURN PIT | <input checked="" type="checkbox"/> HOUSEKEEPING | |

PLUGGING AND ABANDONMENTS:

PLUG TYPE	INTERVAL
_____	_____
_____	_____
_____	_____
_____	_____

PLUGS TESTED: _____ HOW _____ WOC _____

MARKER: _____ SURFACE _____ PLATE

RECLAMATION:

_____ CONTOUR _____ RIP _____ REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPICABLE

REMARKS:

Dev. 1 1/4" @ 1896'

APPROVED BY _____ HOW _____ DATE _____

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

COMPANY: Coors Energy Co.

WELLNAME: U.T. 3-10D API# 43-013-31217

SECTION: 10 TWP: 4S RANGE: 4W

INSPECTOR: GARY GARNER TIME: 3pm DATE: 11/8/88

REPRESENTATIVE: Jim Simonton PUSHER: Ray Gentry

OPERATIONS: Laying down derrick.

SPUD DATE: _____ DEPTH: 6770' T.D.

DRILLING AND COMPLETIONS:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> APD | <input checked="" type="checkbox"/> WELL SIGN | <input checked="" type="checkbox"/> SANITATION |
| <input checked="" type="checkbox"/> BOPE | <input checked="" type="checkbox"/> BLOOIE LINE | <input checked="" type="checkbox"/> H2S |
| <input checked="" type="checkbox"/> VENTED/FLARED | <input checked="" type="checkbox"/> RESERVE PIT | <input checked="" type="checkbox"/> FLARE PIT |
| <input checked="" type="checkbox"/> BURN PIT | <input checked="" type="checkbox"/> HOUSEKEEPING | |

PLUGGING AND ABANDONMENTS:

PLUG TYPE	INTERVAL
_____	_____
_____	_____
_____	_____

PLUGS TESTED: _____ HOW _____ WOC _____

MARKER: _____ SURFACE _____ PLATE

RECLAMATION:

_____ CONTOUR _____ RIP _____ REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPICABLE

REMARKS:

APPROVED BY _____ HOW _____ DATE _____

RECEIVED
NOV 18 1988

ENTITY ACTION FORM - DOGM FORM 6

OPERATOR Coors Energy Company
ADDRESS PO Box 467
Golden, CO 80402

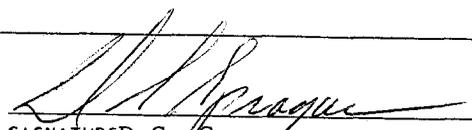
OPERATOR CODE N5090
PHONE NO. 303, 278-7030

DEPT. OF
OIL, GAS & MINING

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	10949	43-013-31217	Ute Tribal 3-10D	SE/SW	10	4S	4W	Duchesne	10/22/88	10/22/88
COMMENTS: Indian - Lease Proposed Zone - Green River Field - Duchesne (One other well in sec. 10 - POW - WSTC Formation. Assign new entity 10949 on) Not in a Unit Also operator request. 11-18-88. LCR											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											

- ACTION CODES:
- A - ESTABLISH NEW ENTITY FOR NEW WELL
 - B - ADD NEW WELL TO EXISTING ENTITY
 - C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY
 - D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY
 - E - OTHER (EXPLAIN IN COMMENTS SECTION)
(SEE INSTRUCTIONS)


SIGNATURE D.S. Sprague

Manager, Engineering Services 11/11/88
TITLE DATE

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.)

<div style="font-size: 2em; opacity: 0.5; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); pointer-events: none;">RECEIVED</div> <div style="font-weight: bold; font-size: 1.2em; position: absolute; top: 20%; left: 50%; transform: translate(-50%, -50%); pointer-events: none;">NOV 18 1988</div>		5. LEASE DESIGNATION AND SERIAL NO. I-109-IND-5351
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe
2. NAME OF OPERATOR Coors Energy Company		7. UNIT AGREEMENT NAME -----
3. ADDRESS OF OPERATOR PO Box 467, Golden, CO 80402		8. FARM OR LEASE NAME Ute Tribal
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface 324' FSL, 2590' FWL, SE/SW		9. WELL NO. 3-10D
14. API NUMBER 43-013-31217		10. FIELD AND POOL, OR WILDCAT Duchesne
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5732' GL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T4S-R4W
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>Spudding Notification</u> <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.)*

10/22/88 This AM, Spudded 12-1/4" hole (10:30AM) with Leon Ross Rat Hole Rig. Drilled to 225', hit sm wtr inflow at 100', had to start mist drlg. SION.

10/23/88 Finish 12-1/4" hole to 390', will run csg & cmt on 10/24/88.

10/24/88 Run 9 jts 8-5/8" ST&C 8 rd new csg w/three centralizers- tally of 377' w/insert float valve at 337', land csg shoe at 379', DS 3/4 deg at 335', RU Halliburton, cmt w/20 bbls, gelled wtr, 5 bbls spacer & 275 sxs class "C" cmt w/1/4# floeal & 2% CACL, displace wooden plug, circ gd cmt to surf, finish rat & mouse hole. RDMO LEON ROSS rat hole rig.

10/25/88 MIRU Shelby Rig #11, Exeter Drilling.

10/26/88 Present operation drilling float, TD 353' drilling.

10/27 to 11/3/88 TD 6075' & drilling.

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

SIGNED D.S. Sprague TITLE Manager, Engineering Services DATE 11/11/88

(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

Expires August 31, 1985
5. LEASE DESIGNATION AND SERIAL NO.
I-109-IND-5351
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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
DEC 08 1988

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Coors Energy Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal regulations. See also space 17 below.)
At surface 324'fel, 2590'fwl, SE/SW

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute Tribal

9. WELL NO.
3-10D

10. FIELD AND POOL OR WILDCAT
Duchesne

11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA
Sec 10, T4S-R4W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. PERMIT NO.
43-013-31217

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5732'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) Progress Report <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.)

11/4/88 TOH w/core #1. In at 6200', out at 6226' making 26' in 7-1/4 hrs.

11/5/88 TOH w/Core #3. Core #2 in at 6226', out at 6244', made 18' progress in 4-1/2 hrs. Core #3 in at 6244', out at 6270, made 26' progress in 3-3/4 hrs.

11/6/88 Current oper drlg at 6460'. Core #1 in at 6270', out at 6280', made 10' progress in 2-3/4 hrs. Core #3 in at 6244- out at 6270', rec 25', Core #4 in at 6260', out at 6270, rec 8'.

11/7 to 11/8/88 Current oper drlg at 6770'. TD 6770'.

11/9/88 Ran 171 jts 5-1/2" 15.5# J-55 8rd St&C prod csg, set at 6769', FC 6726', cmt basket 4491', top 16.61', final jt 4475'.

Cmt'd by Halliburton, 20 bbls wtr, 700 sks Econolite w/1/2# Flocele, tailed w/770 sks 50/50 Poz, 10% salt, 2% Super CBL, .6% Halad 9, 1/4# Flocele per sk, lead yield 3.82 at 11.4#/G, 353 bbls slurry - tail yield 1.29 at 14.4#/G, 177 bbls slurry.

11/10/88 Released Exeter Rig #11.

11/11 to 11/23/88 WOCT.

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

SIGNED D. S. Sprague TITLE Manager Engineering Services DATE 12/02/88

(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.)

5. LEASE DESIGNATION AND SERIAL NO.
I-109-IND-5351
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

1. OIL WELL GAS WELL OTHER
2. NAME OF OPERATOR
Coors Energy Company

RECEIVED
DEC 08 1988

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute Tribal

3. ADDRESS OF OPERATOR
PO Box 467, Golden, CO 80402
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations.
See also space 17 below.)
At surface 324' fel, 2590' fw1, SE/SW

DIVISION OF
OIL, GAS & MINING

9. WELL NO.
3-10D
10. FIELD AND POOL OR WILDCAT
Duchesne

14. PERMIT NO.
43-013-31217

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5732' GL

11. SEC., T., B., M., OR BLM. AND SURVEY OR AREA
Sec 10, T4S-R4W
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) Perf & brk dn report <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.)*

11/30/88 Yesterday, MIRU Pomrenke WL, run CBL/VDL/GR logs from PBTD of 6712' to surface.
Perf at 2 JPF w/4" csg gun & 23 gram charges at intervals of 6652-74', total of 44 holes. RDMO Pomrenke WL.
12/1/88 Bkdn perms at 1700 psi & pump into at 1.5 BPM at 1500 psi.
12/2/88 Prep to frac today.

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

SIGNED D.S. Sprague

TITLE Manager Engineer Services

DATE 12/2/88

(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.
109-IND-5351

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

7. UNIT ASSIGNMENT NAME

8. FARM OR LEASE NAME
Ute Tribal

9. WELL NO.
3-10D

10. FIELD AND POOL, OR WILDCAT
Duchesne

11. SEC. T, R, W, OR BLM, AND SURVEY OR AREA
Sec 10, T4S-R4W

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
JAN 0 8 1988
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, CO 80402

4. LOCATION OF WELL (Report location clearly and in accordance with the Division of Oil, Gas & Mining. See also space 17 below.)
At surface
324' fel, 2590' fwl, SE/SW

14. PERMIT NO.
43-013-31217

15. ELEVATIONS (Show whether OF, BT, CR, etc.)
5732' GL

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

NOTICE OF INTENTION TO:

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 PLANE <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

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) <input checked="" type="checkbox"/> Progress Report	

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

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

12/4/88 MIRU Dowell, frac perms 6652-74' w/2% KCL gelled wtr, 40# gel wytem as follows: Ramp frac w/15,000 gal pad w/30#/1000 gal 100 mesh oil soluble resin sand, 3m at 1 ppg w/30# fluis loss, 5m at 2 ppg w/fluid loss, 5 m at 3 ppg, 5m at 4 ppg, 6m at 5 ppg & start inc to 6#/gal. Screened out w/99,000# sand in formation & 1800' of sand left in tbg & csg, circ tbg clean. SION.

12/5 to
12/9/88 Swabbing well.

12/10/88 Install pump.

12/11/88 RDMO completion rig. Hook up equip & start rod pump pord on 12/11/88 at 9:00 AM.

12/12 to
12/21/88 Pump testing.

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

SIGNED D.S. Sprague TITLE Manager Engineering Services DATE 12/27/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
JAN 11 1989

ENTITY ACTION FORM - DOGM FORM 6

OPERATOR Coors Energy Company
ADDRESS PO Box 467
Golden, CO 80402

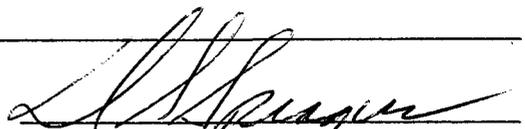
OPERATOR CODE N5090
PHONE NO. 303, 278-7030

DIVISION OF
OIL, GAS & MINING

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	09378	10910	43-013-31217	Ute Tribal 3-10D	SE/SW	10	4S	4W	Duchesne	10/22/88	1/9/89
COMMENTS: On 10/22/88, Entity Action Code A was requested for above well. On 1/5/89, a flowline was constructed to the Ute Tribal 1-10D battery & connection made on 1/5/89 for the Ute Tribal 3-10D to flow into the Ute Tribal 1-10D battery.											
COMMENTS: * Entity for the Ute Tribal 1-10D is 10910. Assign same to the Ute Tribal 3-10D on 1-12-89. for * Original entity was 10949 added 1-13-88.											
COMMENTS:											
COMMENTS:											
COMMENTS:											

- ACTION CODES:
- A - ESTABLISH NEW ENTITY FOR NEW WELL
 - B - ADD NEW WELL TO EXISTING ENTITY
 - C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY
 - D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY
 - E - OTHER (EXPLAIN IN COMMENTS SECTION)
(SEE INSTRUCTIONS)


SIGNATURE D.S. Spragde
Manager, Engineering Services
TITLE _____ DATE 1/9/89

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

Expires August 31, 1985
5. LEASE DESIGNATION AND SERIAL

109-IND-5351

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

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.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribal

9. WELL NO.

3-10D

10. FIELD AND POOL OR WILDCAT

Duchesne

11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA

Sec 10, T4S-R4W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

RECEIVED
JAN 11 1989

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, CO 80402

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

At surface
324'fel, 2590'fwl, SE/SW

14. PERMIT NO.

43-013-31217

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5732'GL

16

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) First Day of Production

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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 first day of production for the Ute Tribal 3-10D.

12/11/88 First day of production.

Oil sales will be made to:

Texaco Trading and Transportation
PO Box 5568
Denver, CO 80217

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

SIGNED

D.S. Sprague

Manager

TITLE

Engineering Services

DATE

1/9/89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

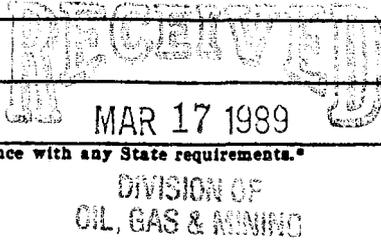
*See Instructions on Reverse Side

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. I-109-IND-5351
2. NAME OF OPERATOR Coors Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe
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 324'FEL, 2590'FWL, SE/SW		8. FARM OR LEASE NAME Ute Tribal
14. API NUMBER 43-013-31217		9. WELL NO. 3-10D
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5732'GL		10. FIELD AND POOL, OR WILDCAT Duchesne
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T4S-R4W
		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>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.)*

12/21 to 1/25/89 Pump testing well.

1/26/89 Set 5-1/2" CIBP at 6500'. Perf'd at 2 SPF w/4" gun, 23 gram charges from 6246-62' totaling 32 holes. Broke down w/100 bbls 2% KCL wtr. & 55 7/8" sealers

1/27/89 Fraced above with 105,000# sand and 1230 bbls gel water.

1/28 to 2/4/89 Flow tested well.

2/5 to present: Temporarily shut in due to high GOR.

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

SIGNED Larry Campbell TITLE Director, Energy Operations DATE March 15, 1989

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

14

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

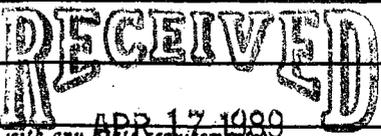
1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

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

2. NAME OF OPERATOR
Coors Energy Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 324' FSL, 2590' FWL, SE/SW
At top prod. interval reported below same
At total depth same



DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
I-109-IND-5351

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute Tribal

9. WELL NO.
3-10D

10. FIELD AND POOL, OR WILDCAT
Duchesne

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA
Sec. 10, T4S-R4W

14. API NO. 43-013-31217 DATE ISSUED 9/27/88 12. COUNTY Duchesne 13. STATE Utah

15. DATE SPUNDED 10/22/88 16. DATE T.D. REACHED 11/7/88 17. DATE COMPL. (Ready to prod.) 2/1/89 18. ELEVATIONS (DF, REB, RT, GR, ETC.) 5732' GL, 5746' KB 19. ELEV. CASINGHEAD -----

20. TOTAL DEPTH, MD & TVD 6770' 21. PLUG BACK T.D., MD & TVD 6500' 22. IF MULTIPLE COMPL. HOW MANY ----- 23. INTERVALS DRILLED BY ----- ROTARY TOOLS 0-6770' CABLE TOOLS -----

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
Green River - 6246-6262' 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS LOG
CBL, DIL, CNL, VDL-GR 27. WAS WELL CORED YES NO (Submit analysis) DRILL STEM TEST YES NO (See reverse side)

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#	379'	12-1/4"	275 sks. Class G	
5-1/2"	15.50#	6769'	7-7/8"	700 sks. Econolite & 770 sks. 50/50 pozmix	

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"	5000'	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
6652-74'	w/2 SPF w/4" gun	23 grams totaling 44 shots
6246-62'	w/2 SPF w/4" gun	23 grams

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6652-74'	928 hbbs 2% KCl wtr & 99000# sand
6246-62'	55 BS, 105,000# sand, 1331 BW

33. PRODUCTION

DATE FIRST PRODUCTION 12/11/88 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
2/2/89	24	16/64"	→	21	702	0	33429/1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)
1600	1900	→	21	702	0	39

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

35. LIST OF ATTACHMENTS
Above named logs

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

SIGNED Doug Sprague TITLE Manager, Engineering Services DATE 4-11-89

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on 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) 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:		38. GEOLOGIC MARKERS															
Formation	Top	Bottom	Description, contents, etc.														
Green River Top:	5600'		<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">OIL AND GAS</th> </tr> <tr> <td style="text-align: center;">DRM</td> <td style="text-align: center;">RUF</td> </tr> <tr> <td style="text-align: center;">JRB</td> <td style="text-align: center;">GLH</td> </tr> <tr> <td style="text-align: center;">DTC</td> <td style="text-align: center;">SLS</td> </tr> <tr> <td style="text-align: center;">1-TAS</td> <td style="text-align: center;">✓</td> </tr> <tr> <td style="text-align: center;">2- MICROFILM</td> <td style="text-align: center;">✓</td> </tr> <tr> <td style="text-align: center;">3- FILE</td> <td style="text-align: center;">✓</td> </tr> </table> </div>	OIL AND GAS		DRM	RUF	JRB	GLH	DTC	SLS	1-TAS	✓	2- MICROFILM	✓	3- FILE	✓
OIL AND GAS																	
DRM	RUF																
JRB	GLH																
DTC	SLS																
1-TAS	✓																
2- MICROFILM	✓																
3- FILE	✓																
Base B Lime:	6056'																
Castle Peak:	6585'																

Name	Meas. Depth	Top True Vert. Depth

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
3 TRIAD CENTER, SUITE 350
SALT LAKE CITY, UT 84180-1203

gr.

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Ute Tribal 3-10D 43-013-31017
Operator Coors Energy Company Address PO Box 467, Golden, CO 80402
Contractor Exeter, Shelby Rig #11 Address 1670 Broadway, Suite 3400
Denver, CO
Location SE 1/4 SW 1/4 Sec. 10 T. 4S R. 4W County Duchesne

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	5632'	5632'	(hit wtr inflow at 100', had to start mist drlg)	
2.			Water was a minimum amt- very slight amt	
3.				
4.				
5.				

(Continue on reverse side if necessary)

Formation Tops

Remarks

- NOTE: (a) Report on this form as provided for in Rule 806, Oil and Gas Conservation General Rules.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH
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 checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION & SERIAL NO. I-109-IND-5351	
2. NAME OF OPERATOR Coors Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe	
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: 324' FEL, 2590' FWL, SE/SW At proposed prod. zone: _____		8. FARM OR LEASE NAME Ute Tribal	
RECEIVED JUN 28 1989 DIVISION OF OIL, GAS & MINING		9. WELL NO. 3-10D	
		10. FIELD AND POOL, OR WILDCAT Duchesne	
14. API NO. 43-013-31217		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T4S-R4W	
15. ELEVATIONS (Show whether DF, GL, or SL) 5732' GL		12. COUNTY 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>First gas production</u>	
(Other) _____		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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.)

* Must be accompanied by a cement verification report.

Please be advised that this well was turned into the Coors gas pipeline at 6/14/89.

Sales from this well will be made to:

Coors Energy Company
PO Box 467
Golden, Colorado 80402

70
70
M.D
212

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

SIGNED D.S. Sprague TITLE Manager, Engineering DATE 6-23-89
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <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>		3. LEASE DESIGNATION & SERIAL NO. I-109-IND-5351	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe	
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME -----	
2. NAME OF OPERATOR Coors Energy Company		8. FARM OR LEASE NAME Ute Tribal	
3. ADDRESS OF OPERATOR PO Box 467, Golden, Colorado 80402		9. WELL NO. 3-10D	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 324' FEL, 2590' FWL, SE/SW At proposed prod. zone same		10. FIELD AND POOL, OR WILDCAT Duchesne	
14. API NO. 43-013-31217		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5732' GL	
		12. COUNTY Duchesne	13. STATE Utah
		11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 10, T4S-R4W	

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>Reperf Existing Zone</u>	
(Other)		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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.)

* Must be accompanied by a cement verification report.

3/30/90: RIH w/5-1/2" CIBP to 6365', re-perf'd at 4 SPF with 2-1/16" gun from 6246-6262', spotted 750 gals. 7-1/2% HCL acid across perfs. Swabbed well back recovering 24 BLW and some acid, pumped 30 BW down tubing.

4/1 to 4/23/90: Well SI, building pressure.

4/24 to present: Swabbed well back, started flowing well 4/25/90. Presently flow testing well.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM <input checked="" type="checkbox"/>	
3- FILE	

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

SIGNED D.S. Sprague TITLE Manager, Engineering DATE 5-23-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:



**Jetco
Chemicals,
Inc.**

A Procter & Gamble Co.

EXHIBIT "D"

P.O. BOX 1898
CORNICANA, TX. 75151

OFFICE:
TEL: 903/872-3011
FAX: 903/872-4216

PLANT:
TEL: 903/874-9500
FAX: 903/874-9596

Jan. 22, 1991

TO: R.L. Ballou
FROM: Randy Huber

Bob,
As per your request in examining the water analysis reports on well numbers 3-10D, 2-15D, and 2-8D, it is my opinion there should be no severe incompatibility problems encountered when these waters are mixed together.

Thank you,

Randy

Randy Huber
Jetco Chemicals, Inc.
P.O. Box 546
Vernal, UT. 84078
(801)789-0646



A Procter & Gamble Co.

EXHIBIT 'D'

P.O. BOX 1898
CORNICANA, TX. 75151

OFFICE:
TEL: 214/872-3011
FAX: 214/872-4216

PLANT:
TEL: 214/874-9500
FAX: 214/874-9596

WATER ANALYSIS REPORT

COMPANY Coors Energy Corp. ADDRESS Roosevelt, UT. DATE: 1-07-91

SOURCE 3-10D. 3rd run DATE SAMPLED 6-9-90 end of run ANALYSIS NO. _____

Analysis	Mg/l (ppm)	*Meq/l
1. PH	<u>7.9</u>	
2. H ₂ S (Qualitative)	<u>0</u>	
3. Specific Gravity	<u>1.012</u>	
4. Dissolved Solids	<u>5,528</u>	
5. Suspended Solids	_____	
6. Anaerobic Bacterial Count	_____ C/MI	
7. Methyl Orange Alkalinity (CaCO ₃)	_____	
8. Bicarbonate (HCO ₃)	HCO ₃ <u>122</u> ÷61 <u>2</u> HCO ₃	
9. Chlorides (Cl)	Cl <u>3,267</u> ÷35.5 <u>92</u> Cl	
0. Sulfates (SO ₄)	SO ₄ <u>0</u> ÷48 <u>0</u> SO ₄	
1. Calcium (Ca)	Ca <u>80</u> ÷20 <u>4</u> Ca	
2. Magnesium (Mg)	Mg <u>12</u> ÷12.2 <u>1</u> Mg	
3. Total Hardness (CaCO ₃)	<u>250</u>	
4. Total Iron (Fe)	<u>1.1</u>	
5. Barium (Qualitative)	_____	
6. Phosphate Residuals	_____	

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

4	Ca	←	HCO ₃	2	Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
1	Mg	→	SO ₄	0	Ca (HCO ₃) ₂	81.04		2		162
89	Na	←	Cl	92	Ca SO ₄	68.07				
		→			Ca Cl ₂	55.50		2		111
		→			Mg (HCO ₃) ₂	73.17				
		→			Mg SO ₄	60.19				
		→			Mg Cl ₂	47.62		1		48
		→			Na HCO ₃	84.00				
		→			Na ₂ SO ₄	71.03				
		→			Na Cl	58.46		89		5,203

Saturation Values	Distilled Water 20° C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____

M. RANDY HUBER

P.O. Box 275
Bus: (801) 722-9991
Radio Dispatch: (801) 722-4501 or (801) 789-4200 Unit 9711

Roosevelt, Utah 84066
Res: (801) 722-3846

Huco Chemicals



EXHIBIT 'D'

WATER ANALYSIS REPORT

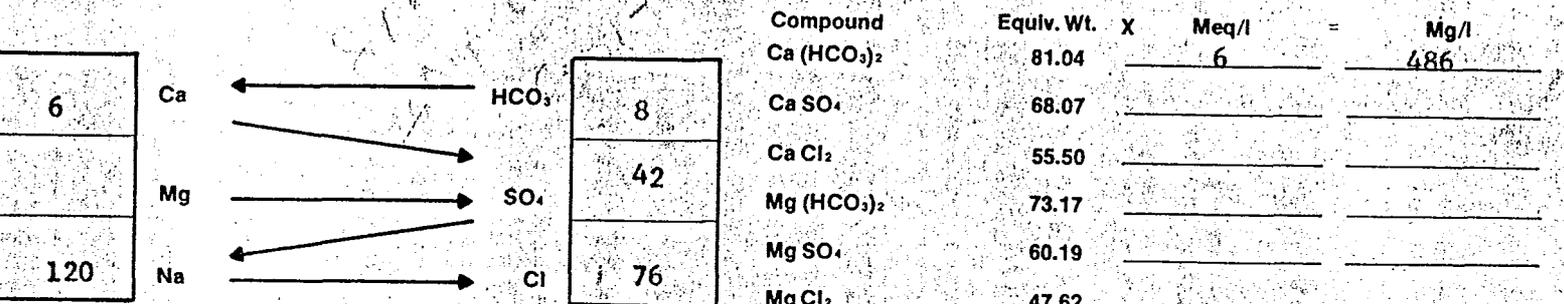
COMPANY Coors Energy ADDRESS Roosevelt, Utah DATE: 12-20-89

SOURCE 2-8D DATE SAMPLED 12-20-89 ANALYSIS NO. _____

Analysis	Mg/l (ppm)	*Meq/l
1. PH	<u>7.6</u>	
2. H ₂ S (Qualitative)	<u>4.0 water 40.0 gas</u>	
3. Specific Gravity		
4. Dissolved Solids	<u>8,079</u>	
5. Suspended Solids		
6. Anaerobic Bacterial Count	<u>C/MI</u>	
7. Methyl Orange Alkalinity (CaCO ₃)		
8. Bicarbonate (HCO ₃)	<u>1,100</u>	<u>8</u>
9. Chlorides (Cl)	<u>2,700</u>	<u>76</u>
10. Sulfates (SO ₄)	<u>2,000</u>	<u>42</u>
1. Calcium (Ca)	<u>112</u>	<u>6</u>
2. Magnesium (Mg)	<u>5</u>	<u>12.2</u>
3. Total Hardness (CaCO ₃)	<u>300</u>	
4. Total Iron (Fe)	<u>2.0 ppm.</u>	
5. Barium (Qualitative)		
6. Phosphate Residuals		

Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____

M. RANDY HUBER

P.O. Box 275
Bus: (801) 722-9991
Radio Dispatch: (801) 722-4501 or (801) 789-4200 Unit 9711

Roosevelt, Utah 84066
Res: (801) 722-3846

Huco
Chemicals



To: Doug
Info

WATER ANALYSIS REPORT

EXHIBIT 'D'

COMPANY COORS ENERGY ADDRESS Roosevelt, Utah DATE: 1-25-90
SOURCE 2-15D DATE SAMPLED 1-23-90 ANALYSIS NO. _____

Analysis

Mg/l (ppm)

*Meq/l

PH 6.8

Green River

H₂S (Qualitative) 12.0 gas

Specific Gravity 1.010

Dissolved Solids 10,495

Suspended Solids _____

Anaerobic Bacterial Count _____ C/MI

Methyl Orange Alkalinity (CaCO₃) _____

Bicarbonate (HCO₃) HCO₃ 800 ÷61 13 HCO₃

Chlorides (Cl) Cl 5,750 ÷35.5 161 Cl

Sulfates (SO₄) SO₄ _____ ÷48 _____ SO₄

Calcium (Ca) Ca 56 ÷20 3 Ca

Magnesium (Mg) Mg _____ ÷12.2 _____ Mg

Total Hardness (CaCO₃) 140

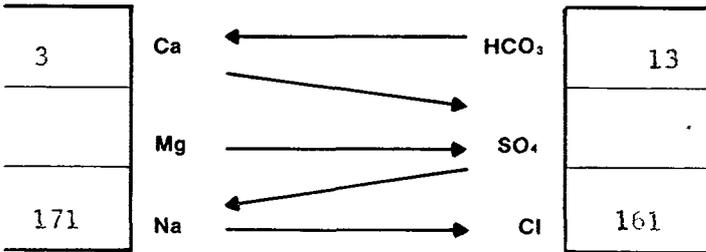
Total Iron (Fe) 12.0 ppm.

Barium (Qualitative) _____

Phosphate Residuals _____

Milliequivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Eq. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		<u>3</u>		<u>243</u>
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		<u>10</u>		<u>840</u>
Na ₂ SO ₄	71.03				
Na Cl	58.46		<u>161</u>		<u>9,412</u>

Saturation Values Distilled Water 20°C

Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____

8 5/8" 24#
@ 377'

Coors Energy Co.
Ute Tribal 3-10 D
Sec 10 4S 4W
Duchesne Co., Ut.

5 1/2" #
15.5

2 7/8" tubing - 6.5 #

set @ ±6107' w/ a tension packer

perfs @
6246' - 6262'
@ 2 SP/ft - Re perf w/ 4 SP/ft

CIBP @ - 6365'

CIBP @ - 6500'

perfs @
6652' - 6672'

FC @
6726'

TD @
6770'
(11/88)

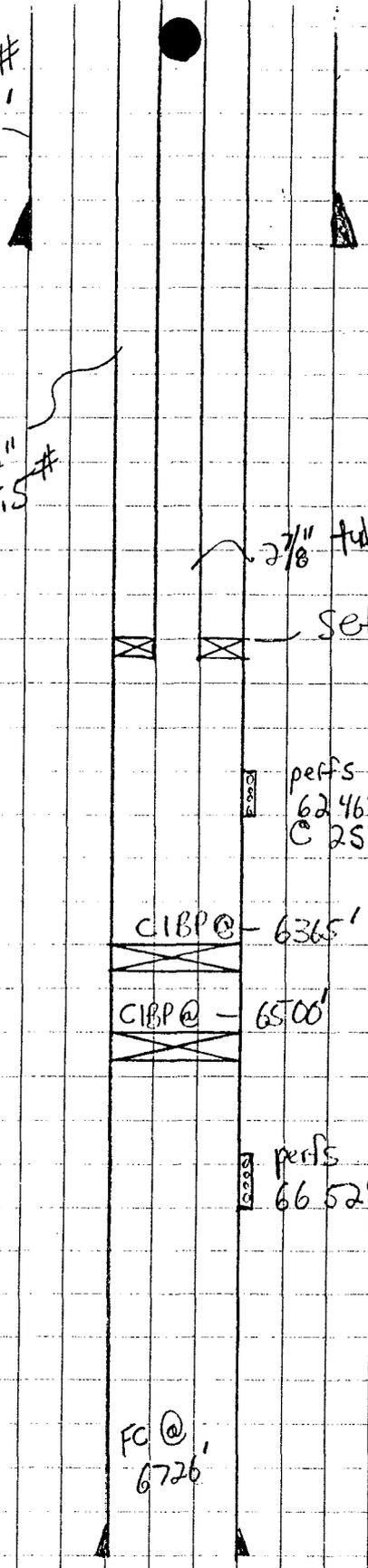


EXHIBIT 'E'

TREATMENT REPORT

Date 11-28-90 Field Rec. 03414 New Well WELL FILE
 Operator COORS ENERGY CO Old Well X
 Well Name UTE TRIBAL Lease 3-10D
 Field _____ Sec. 10 TWP 4S RGE 4W
 County PUEBLESNE State UTAH District JERNAL

FORMATION DATA

Form 1 GREEN RIVER Perf. Dia. _____ in. Perfs. _____
 Form 2 _____ Perf. Dia. _____ in. Perfs. _____
 Flow Zones _____ Oil _____ Gas _____ Injection _____ Disposal _____ / Other (specify) _____
 Treatment History: Vol _____ Gal Fluid _____ Remarks _____

PIPE DATA

Isolating Cond.: Casing _____ Tubing _____ Annulus _____ Manifold _____
 Prod. Cap. gal: Casing _____ Tubing _____ Annulus _____ Hole _____
 Casing O.D. 2 7/8 in Wt _____ lb/ft Grade _____ Run to 6107
 Casing O.D. 5 1/2 in Wt _____ lb/ft Grade _____ Set at _____
 Casing O.D./Liner O.D. _____ in Wt _____ lb/ft Grade _____ Set From _____ to _____
 Packer set at _____ Packer type _____ Packer string: ID _____ in. O.D. _____ in. PB/TD _____ Hole Dia at pay _____ in.

	BHT F	BHP PSI	Por %	Perm md
Form 1.				
Form 2.				
Form 3.				
Form 4.				
Source:				

TREATMENT DATA (At Blender)

Fluid PRODUCTION WATER Pad Vol 8001 gal KCL _____ % Aux Mtrls _____
 Fluid 1 _____ Fluid 1 Vol _____ gal KCL _____ % Aux Mtrls _____
 Fluid 2 _____ Fluid 2 Vol _____ gal KCL _____ % Aux Mtrls _____
 Fluid 3 _____ Fluid 3 Vol _____ gal KCL _____ % Aux Mtrls _____
 Fluid 4 _____ Fluid 4 Vol _____ gal KCL _____ % Aux Mtrls _____
 Flush _____ Flush Vol _____ gal KCL _____ % Flush Aux Mtrls _____
 Acid _____ Acid Vol _____ gal strength _____ % Acid Aux Mtrls _____
 Acid Flush _____ Acid Flush Vol _____ gal KCL _____ % Acidize via _____
 Well Sealer Dia _____ in. Type _____ Stg 1 _____ Stg 2 _____ Stg 3 _____ Stg 4 _____ Stg 5 _____ Stg 6 _____ Stg 7 _____
 Hole loaded with _____

Recommended Procedure PUMP IN PRODUCTION WATER STARTING AT 15 BBL FOR 5 MIN INCREASE 1.0 BBL INTERVALS

Prop Type	Mesh	Wt (lbs)
1.		
2.		
3.		
4.		
Max Prop _____ lb/gal	Tot _____	lbs.

Operating Press (PSI): Max 2700 Ave. 2000 Operator's Max 3000 ISDP 1900 Final _____ in _____ Min _____
 Inj. Rate 2.5 Total load to recover 190.5 BBL

TREATMENT PROCEDURE

Time AM/PM	Treating Press. (PSI)		Inj. Rate BPM	Prop Conc # Gal	Total BBLs Pumped	Remarks
	Tubing	CSG/ANN				
9:00	—	—	—	—	—	ON LOC
9:30	—	—	—	—	—	RIGGED UP SAFETY MEETING
10:45	—	—	—	—	—	TEST LINE
11:02	0	—	0	—	0	ST INJECTION TEST
11:12	60	—	1.2	—	15	20 BBL
11:17	140	—	2.0	—	25	GO TO 3.0 BBL MIN
11:22	170	—	3.0	—	42	GO TO 4.0 BBL MIN
11:30	1800	—	1.5	—	58	GO TO 2.0 BBL MIN
11:38	1500	—	2.0	—	70	GO TO 3.0 BBL MIN
11:58	0	—	.4	—	96.0	GO TO 4.0 BBL MIN
2:05	2100	—	4.0	—	124.0	GO TO 5.0 BBL MIN
2:18	2700	—	4.8	—	190.5	SH DN

SMITH ENERGY Rep MIKE HARBAIS Customer Rep MR. JIM SIMENTON

EXHIBIT "F", TABLE NO. 1
MECHANICAL CONDITION OF DUCHESNE WELLS

WELL NAME		SURFACE CASING - CEMENT		LONG STRING CASING - CEMENT		LINER - CEMENT		TUBING	STATUS
		Size	Wt.	Grade	Depth	Size	Wt.			Grade	Depth
Ute Tribal 2-15D	Size	10-3/4"	Cement to surface	7-7/8"	Cement w/ 2048 sks.	5"	Cement w/ 350 sks	2-7/8"	Producing from Tgr
	Wt.	40.50#	w/570 sks.	26.4/29.7#	TOC: surf. (CBL)	15.00#		6.5#	6091-6154'
	Grade	K-55		N-80		N-80		J-55	
	Depth	700'		6999'		6753-8347'		6184'	
Ute Tribal 1-15D	Size	10-1/4"	Cement to surface	7-5/8"	Cement w/ 640 sks.	4-1/2"	Cement w/ 640 sks	No tubing	TA
	Wt.	51.00#	w/500 sks.	23.00#	TOC: ±1320' (CBL)	11.60#			
	Grade	N/A		N/A		J-55			
	Depth	1486'		3000'		6810'			
Ute Tribal 2-10D	Size	8-5/8"	Cement to surface	5-1/2"	Cement w/ 885 sks.			2-7/8"	Producing from Tgr
	Wt.	24.00#	w/300 sks.	15.50#	TOC: ±1260' (CBL)			6.5#	5698-
	Grade	J-55		J-55				J-55	5718'
	Depth	393'		5754'				5754'	
Ute Tribal 3-10D	Size	8-5/8"	Cement to surface	5-1/2"	Cement w/ 1470 sks.			2-7/8"	SI, Proposed
	Wt.	24.00#	w/275 sks.	15.50#	TOC: ±100'			6.5#	SWD well in Tgr,
	Grade	J-55		J-55				J-55	6246-6262'
	Depth	377'		6726'				6107'	
Ute Tribal 1-10D	Size	10-3/4"	Cement to surface	7-7/8"	Cement w/ 1100 sks.	5"	Cement w/ 225 sks	2-7/8"	Producing from Tgr/Tw
	Wt.	40.50#	w/550 sks.	26.4/29.7#	Good cement	15.00#		6.5#	Gross int:
	Grade	K-55		N-80	bond to surf	N-80		J-55	7685-6342'
	Depth	670'		7278'	(CBL)	7278-8514'		7311'	

E X H I B I T "G"

Floyd Moon
2863 Glenmore
Salt Lake City, Utah 84106

Arnold Moon
c/o Majestic Meadows Mobile Park
1126 Carmellia Drive, #19
Salt Lake City, Utah 84107

Phillip Moon
3271 North 650 East
Provo, Utah 84604

Allen Moon
377 Hill Circle
Alpine, Utah 84004

Clinton Moon
HC 1, Box 113
Duchesne, Utah 84021

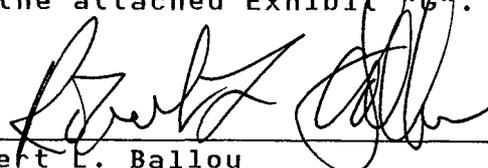
Milton Moon
8169 Short Hill Drive
Salt Lake City, Utah 84121

H. Merrill Moon
3712 North Canyon Road
Provo, Utah 84604

CERTIFICATION OF MAILING

This is to certify that on this day Coors Energy Company has mailed a notification letter to each land owner within a 1/2 mile radius of the Ute Tribal 3-10D well informing them of our pilot injection well Application for the Ute Tribal 3-10D well.

This letter notification was sent to each person as shown on the attached Exhibit "6".



Robert L. Ballou
Geologist

Date

June 27, 1991

RLB:kr



RECEIVED

APR 15 1991

DIVISION OF
OIL GAS & MINING

April 11, 1991

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

Re: Application to Convert to SWD Well
Ute Tribal 3-10D Well
Sec. 10-T4S-R4W
Duchesne County, Utah
43 013 31217

Dear Mr. Firth:

Please allow this letter to serve as notice that Coors Energy Company has decided to withdraw the above referenced Application which was forwarded to the Division under my cover letter dated January 23, 1991. After our discussions, we have decided to amend this Application to request permission for conversion of the above well to an enhanced recovery well.

To the extent that it is not necessary for you to retain such documents, we would appreciate you returning to us all documents and supplements submitted in support of the above Application.

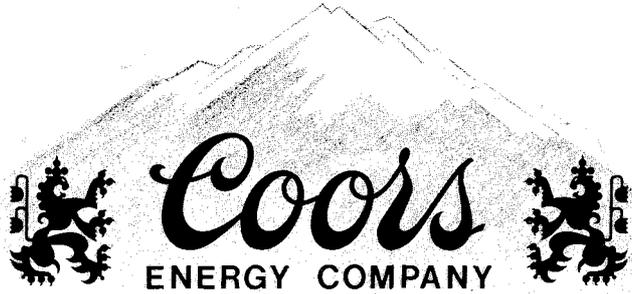
Should you have any questions or if I can be of assistance, please feel free to call me.

Very truly yours,

COORS ENERGY COMPANY

Robert L. Ballou
Geologist

RLB(TGF):lp
pc: Thomas W. Bachtell, Esq.
Pruitt, Gushee & Bachtell
1850 Beneficial Life Tower
Salt Lake City, UT 84111



June 27, 1991

RECEIVED

JUL 08 1991

DIVISION OF
OIL GAS & MINING

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

Gentlemen:

Enclosed you will find two copies of a pilot injection well application for the following well:

Ute Tribal 3-10D
Section 10, T4S-R4W 43-013-31217
Duchesne County, Utah

Please note that this is a reapplication for a pilot injection well, superseding our original saltwater injection application and in accordance with the Division of Oil, Gas and Mining rules for a Class II injection well.

We are in the process of obtaining a land lease agreement from Mr. Arnold Moon and a copy will be sent to you when we receive the agreement in our office.

Thank you for your consideration of this application. Please call me if you have any questions or need any further information.

Very truly yours,

Robert L. Ballou
Geologist

RLB:kr
Attachments

COORS ENERGY COMPANY APPLICATION FOR PILOT INJECTION WELL
FOR THE UTE TRIBAL 3-10D
SECTION 10, T4S-R4W
DUCHESNE COUNTY, UTAH

Coors Energy Company proposes to convert a non-commercial oil and gas well, the Ute Tribal 3-10D, to a pilot injection well to inject into the Green River formation in the Duchesne field. The proposed injection zone in the 3-10D is hydrocarbon bearing, however it cannot be said for certain whether or not this zone is in communication with nearby wells, all of which are operated by Coors.

There are two wells in the field that may be affected by this action, the Ute Tribal 2-15D, which is updip to the Ute Tribal 3-10D and the Ute Tribal 1-10D, which is downdip to the Ute Tribal 3-10D and approaching its economic limit.

Injecting into the Ute Tribal 3-10D may provide pressure maintenance that in turn may stabilize or increase production in either the 2-15D or the 1-10D. Coors will present all evidence required under R615-5, of the Utah Board of Oil & Gas and Mining in order to classify this well as a Class II water injection well.

Exhibit "A" are copies of all the logs run on this well including the Resistivity-DLL, Porosity and Density/Neutron. The Cement Bond log is also included in this exhibit. It shows the top of the cement on the long string to be ± 100 from the surface with excellent cement bond above and below the proposed Tgr injection zone at 6246-6262'.

Exhibit "B" is a plat showing the location of the proposed injection well, and all wells within a 1/2-mile radius of the proposed injection well. This plat also shows surface owners, producing leases and operators within 1/2 mile of the proposed injection well.

The Ute Tribal 3-10D was drilled to a total depth of 6770' on November 11, 1988. Exhibit "C" is a schematic diagram of the well.

Casing was set as follows in the Ute Tribal 3-10D:

Surface casing: Size: (8-5/8"), Wt. (24.00#), Grade: (J55), set to a depth of 377', cemented w/275 sks. of Class "G" cement w/2% CACL to surface.

Long string: Size: (5-1/2"), Wt. (15.50#), Grade (J55), set to a depth of 6726' in a 7-7/8" hole, cemented w/700 sks. Econolite and tailed w/770 sks. 50/50 pozmix.

The Ute Tribal 3-10D was perforated from 6652-6674' and fraced w/99,000# sand. The well was swab tested and a minor amount of oil was produced. A pumping unit was installed and pump testing continued over a several week period. Overall, the well averaged about 8 bbls of oil/day and 50 bbls of water/day. A decision was made to move uphole and a CIBP was set at 6500'. Another CIBP was installed at 6365'.

The Ute Tribal 3-10D was then perforated from 6246-6262'. This interval was fraced with 105,000# of sand. It IP'd for 702 MCFG/D and 21 BO/D, but declined rapidly. Various methods of trying to maintain production (chemical injections, plunger installation, etc.) proved futile and the well was deemed non-commercial and subsequently shut in 11/29/90.

Cumulative production to 8/90 from the Ute Tribal 3-10D was approximately 761 BO and 178,218 MCF/G.

An attempt was made to drill out the CIBP at 6365' to allow injection in both zones but was unsuccessful after numerous attempts. Therefore, only the perms from 6246-6262 will be used for injection.

The source water to be injected into the Ute Tribal 3-10D is from the Green River and Wasatch Formations within the Duchesne field. All wells in the Duchesne Field are

completed in the Green River Formation, the Wasatch Formation or both.

The Green River formation occurs from 1600'± to approximately 7500'. The Wasatch Formation occurs from 7500'± and only the upper portion has been penetrated by Coors Energy Company wells.

A total daily volume of approximately 200-250 bbls of produced formation water from the Duchesne field is available for injection into the Ute Tribal 3-10D.

Exhibit "D" is a copy of the water analysis from the Ute Tribal 3-10D and two representative wells in the Duchesne Field. The 2-15D produces gas and oil from the Green River Formation and the 2-8D produces oil and gas out of the Wasatch Formations. Included in this Exhibit is a statement from Huco Chemicals concerning the compatibility of these fluids.

A step rate injectivity test was run on the Ute Tribal 3-10D for the perforations from 6246-6262', (32 perfs). All rates were measured for 5 minute increments. Exhibit "E" is a graph and treatment report of that test.

Based upon this test, Coors would limit surface injection pressure to less than 1400 psi. This will ensure that no new fractures are initiated and all injected fluids are

confined to the zone at 6246-6262'. To summarize Coors' injection plans and meet the above mentioned requirements, the following list is provided:

UTE TRIBAL 3-10D

Maximum injection rate:	2 BPM (estimated)
Maximum surface injection pres:	1400 psi.
Injection fluid:	Green River, Wasatch produced water
Lithology of injection zone:	Fine grained sandstone
Rock properties of injection zone:	Frac gradient $.797 \pm$ psi/ft. \emptyset 10-12% $K < .1\text{md}$
Lithology of confining structure:	Limestones, siltstones and shales
Rock properties of confining strata:	Assume similar frac gradient as injection zone of $0.797 \pm$ psi/ft

The formation that the Ute Tribal 3-10D will be injected into is the Green River Formation. The Green River Formation in this area consists of lacustrine rocks with some alluvial facies near the edge of the basin. The facies vary depending on the depth of the lake at the time of deposition. Most of the rocks are siltstone/sandstone/mudstone assemblies, with thick carbonates formed in open lacustrine facies. The best reservoirs are interpreted to be sandstone channels and point bars formed in a marginal lacustrine environment.

The following is a summary of the perforated zones in the Ute Tribal 3-10D:

Perforated zones: 6652-6674' (isolated by CIBP),
6246-6262' (proposed zone of injection)

- 1) 6652-6674' - this interval is in the lowermost Green River Formation near the Wasatch transition zone. Mud log and electric log data indicate that it is a very fine grained sandstone/siltstone with about 12-14% porosity. This Sand body was probably formed as a small discrete channel or point bar in a marginal lacustrine environment, and as such, this sand shows little lateral extent. This zone is isolated from upper perforations by a CIBP at 6500' and 6365'.

2) 6246-6262' - this interval is midway between the "B" Lime marker and the Castle Peak marker in the Green River Formation. Mud log, electric log and core data indicate a very fine-grained sandstone approximately 16' thick with about 10-12% porosity.

Correlation of the proposed injection interval in the Ute Tribal 3-10D with the adjacent wells in the Duchesne field shows a rough stratigraphic equivalency to producing sands in some of the adjacent wells.

Log data (Exhibit "A") and core data show the proposed injection interval of 6246-6262' to be a very poor reservoir rock. The core data shows the sand to be extremely fine and permeability poor with a few small fractures.

Coors proposes to convert the subject well to injection by installing the injection tubing string as follows:

Tubing: size: (2-7/8"), Wt. (6.5#), grade: (J-55), set to 6107'± with a tension packer.

Before operating the injection well and in order to test the mechanical integrity of the tubing, packer and casing in the Ute Tribal 3-10D the following procedure will be followed.

- 1) The casing-tubing annulus above the packer shall be pressure tested prior to commencement of injection operations, to a pressure equal to the maximum authorized injection pressure or to a pressure of 1,000 psi whichever is less.
- 2) Coors Energy plans to monitor the pressure of the casing-tubing annulus on a daily basis and to send in monthly reports to the Commission.
- 3) Coors will install a pressure kill switch on the discharge of the pump as a safety device to ensure that the maximum authorized injection pressure is not exceeded.

Based on CEC experience in permitting the Ute Tribal 2-4 well in T5S-R3W, Antelope Field, Duchesne County, Utah, we are requesting that the proposed injection interval of 6246-6262' be exempted as a USDW aquifer for the following reasons:

The Green River Formation aquifers in this area contain waters in the 13,000-22,800 mg/l total dissolved solids (TDS) range and currently do not serve as sources of drinking water, nor are they reasonably expected to do so in the future due to their poor quality, current oil/gas productive status, and being greater than 2,700-feet in

depth which render them uneconomical for future domestic use.

Exhibit "F" Table 1, is a compilation of all of the wells within 1/2 mile of the Ute Tribal 3-10D showing their casing and cementing programs. It may be noted that the mechanical condition of all of the wells listed in Table 1 illustrates that no conduit exists that could enable fluids to migrate up the wellbore and enter improper intervals.

Exhibit "G" is a list of all owners, operators and surface owners along with an affidavit certifying that a copy of the application has been provided to them for the above application.

RECEIVED

JUL 08 1991

DIVISION OF
OIL GAS & MINING

COORS ENERGY COMPANY

GOLDEN, COLORADO

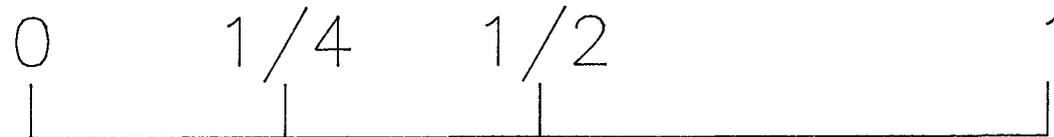
DUCHESNE FIELD

DUCHESNE COUNTY, UTAH

3-10D PILOT INJECTION WELL

APPLICATION

EXHIBIT "B"



6-91/RLB

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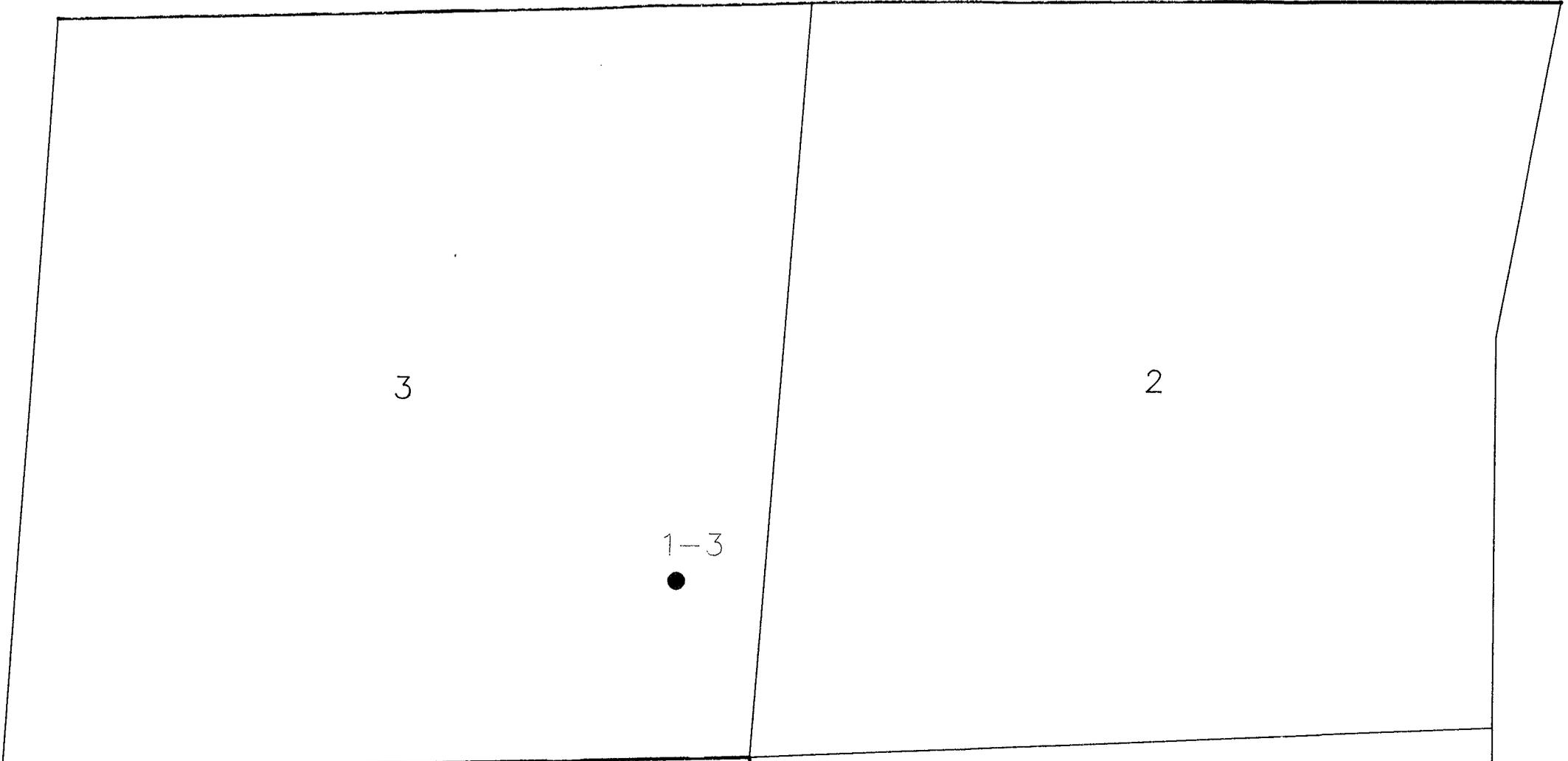
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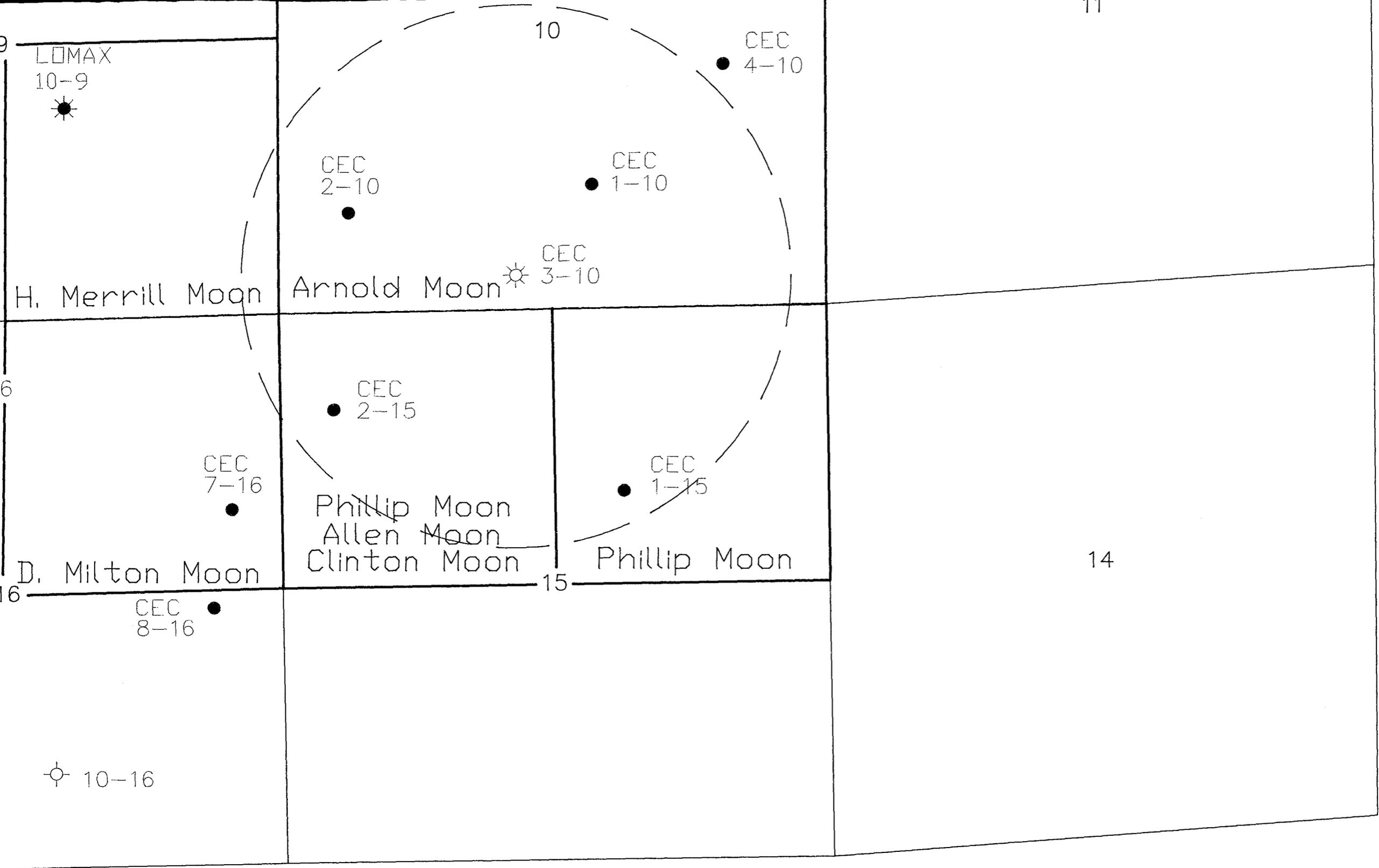
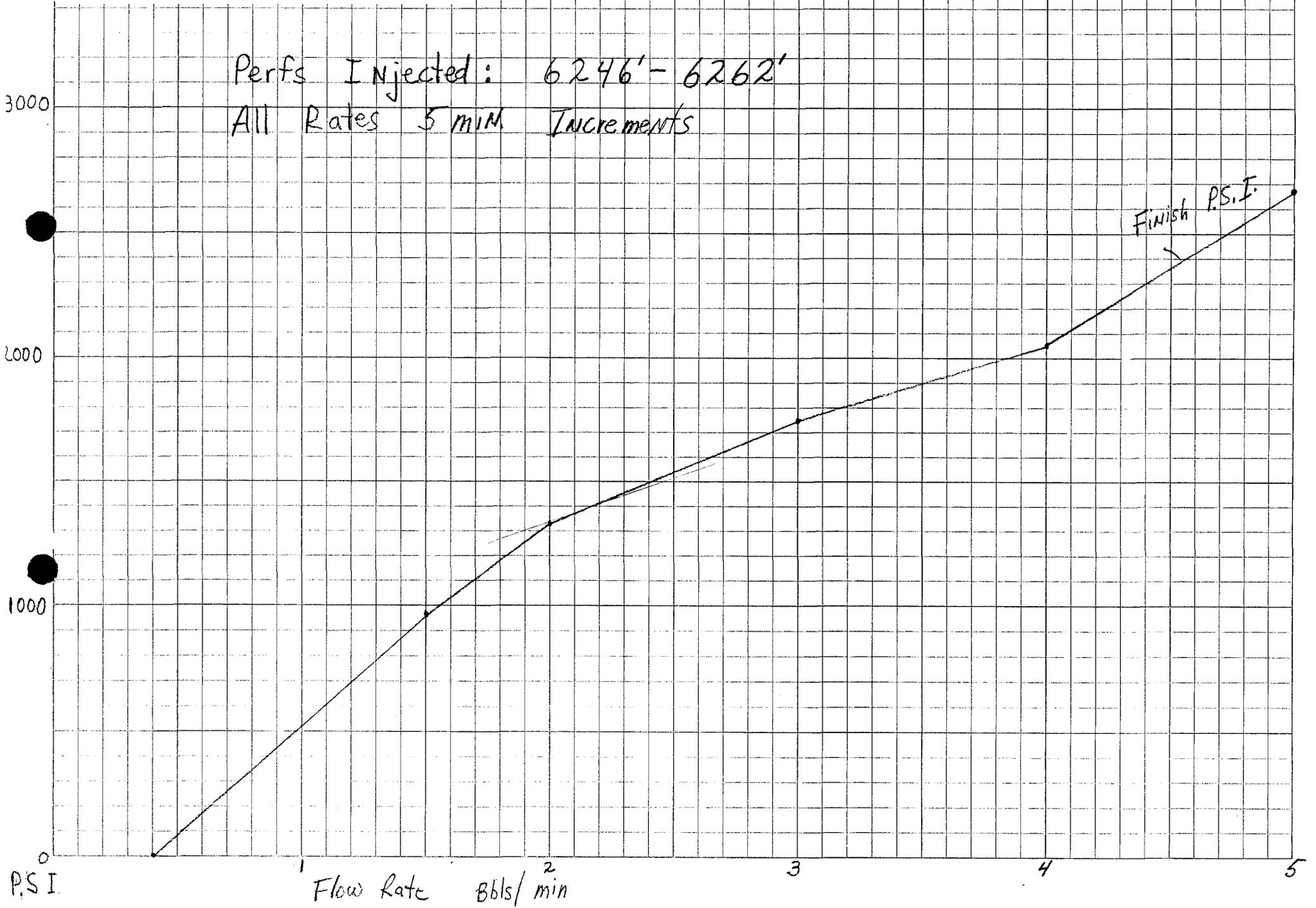
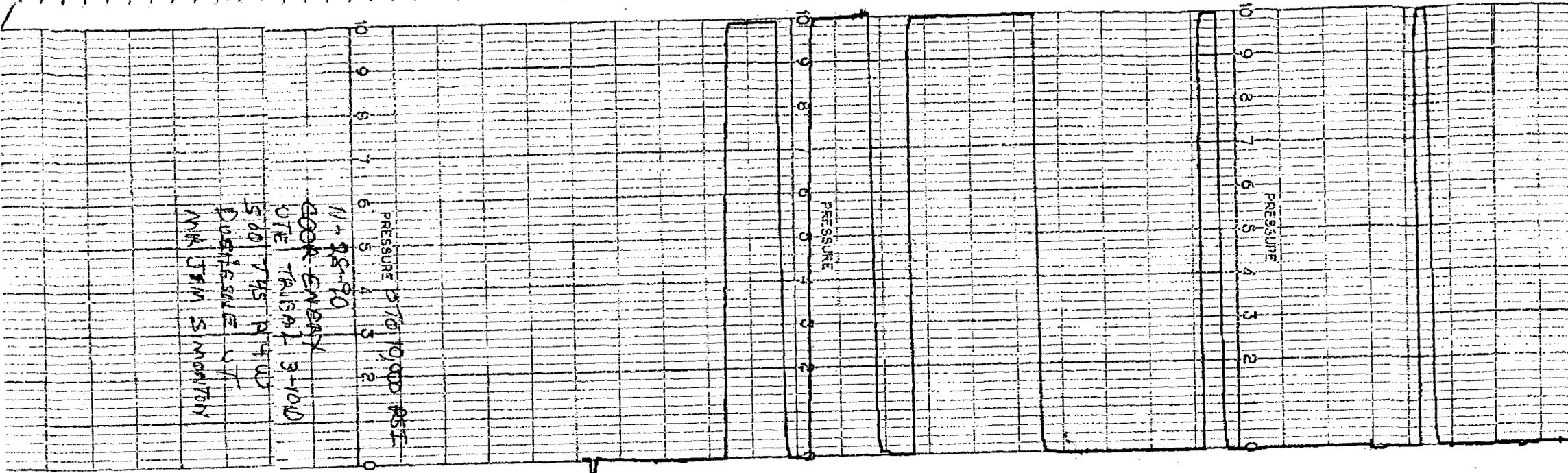


EXHIBIT 'E'

Injectivity Test for Ute Tribal 3-10, 11/28/90

Perfs Injected: 6246' - 6262'
All Rates 5 min Increments





PRESSURE 070 000 PSI
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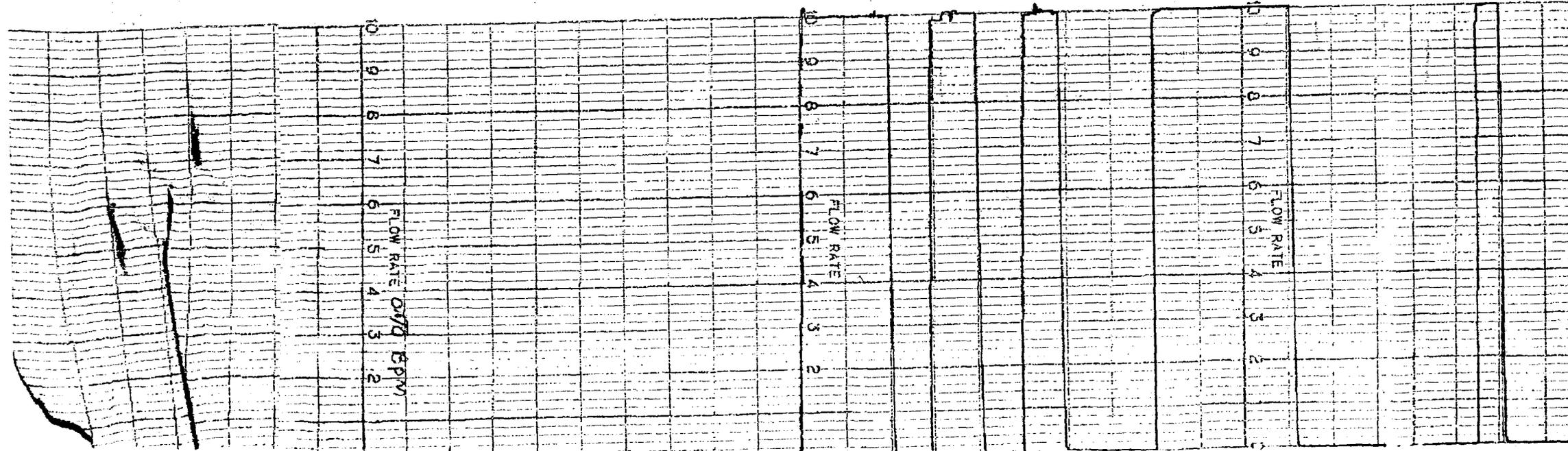
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 COMPANY: SMITH ENERGY SERVICES, INC.

CHART NO. SE510000

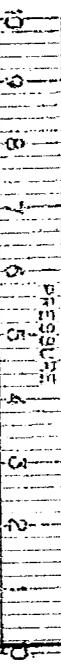
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 COMPANY: SMITH ENERGY SERVICES, INC.



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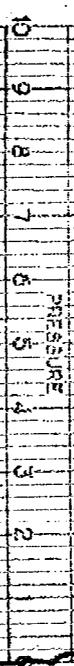
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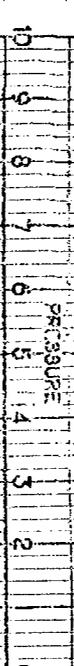


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PRINTED IN U.S.A.

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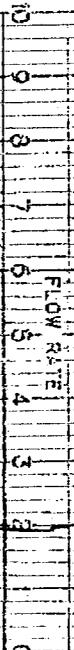


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SMITH ENERGY SERVICES

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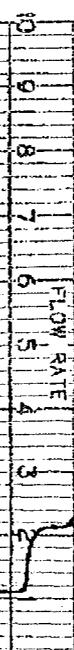
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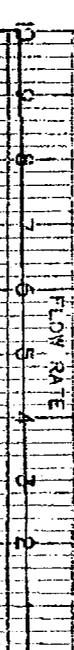


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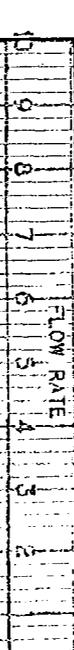


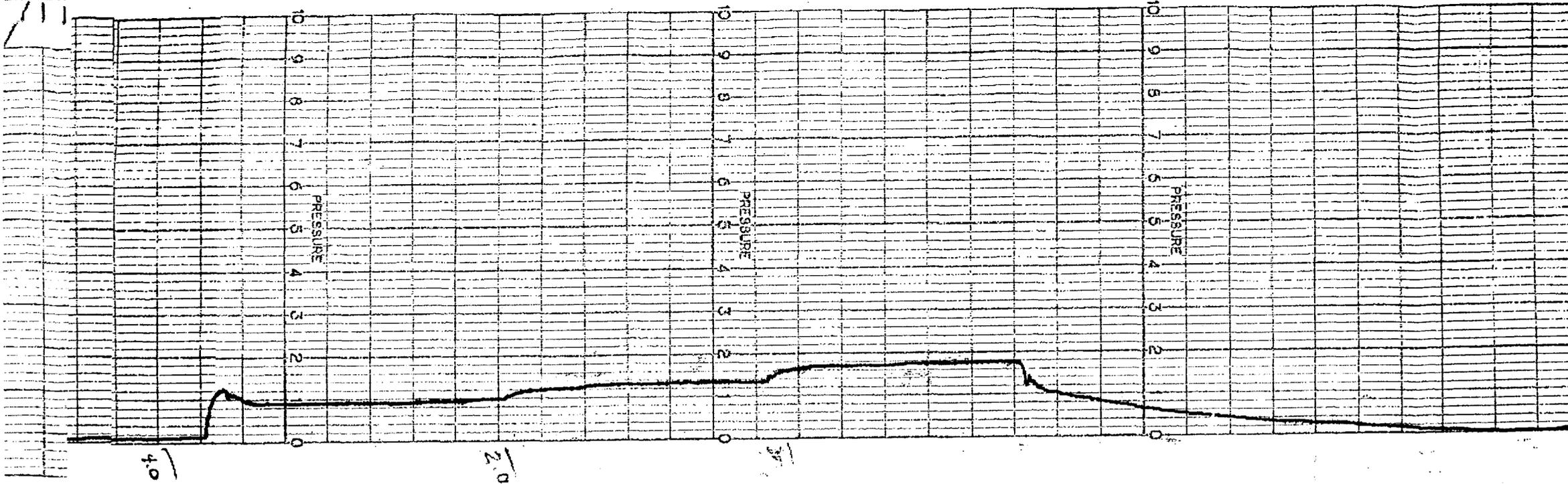
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SMITH ENERGY SERVICES

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SMITH ENERGY SERVICES
COMPRESSOR MAINTENANCE

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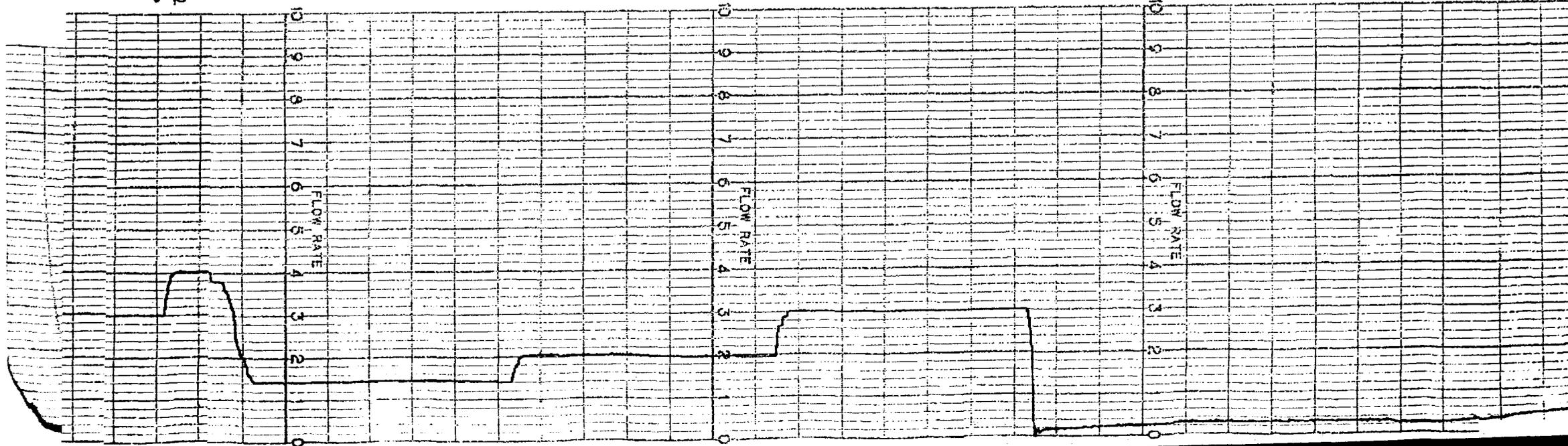
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COMPRESSOR MAINTENANCE

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SMITH ENERGY SERVICES
A Division of Smith Energy Services, Inc.

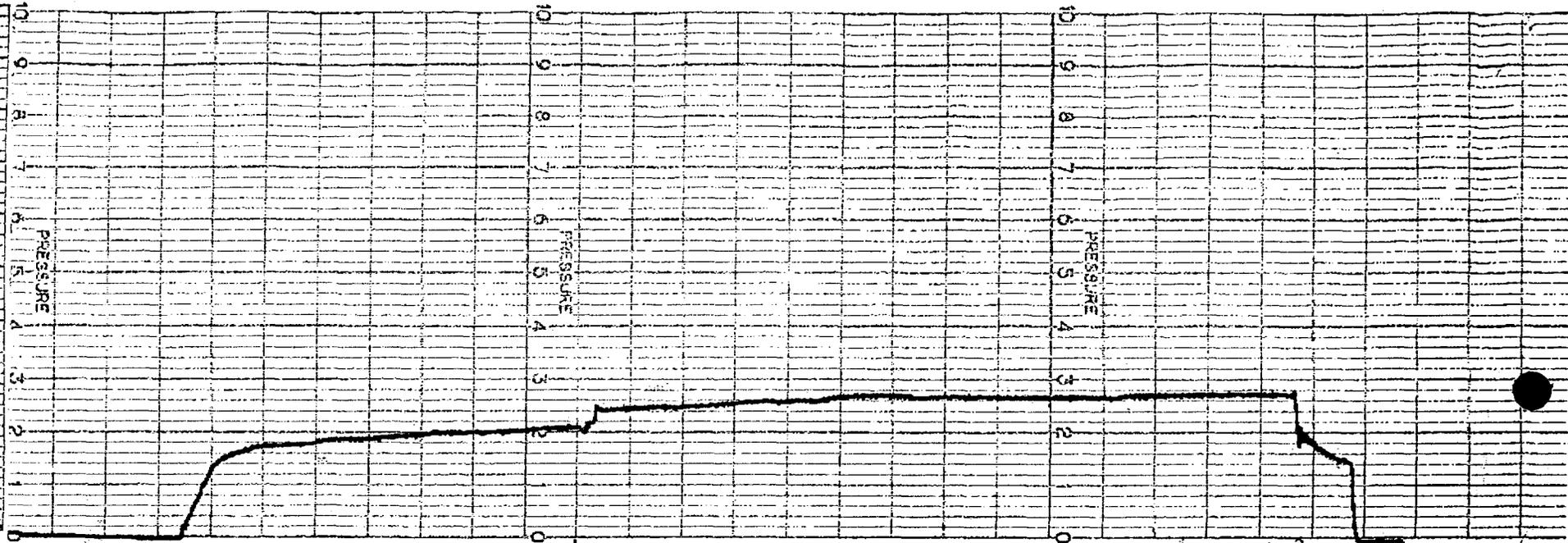
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SMITH ENERGY SERVICES
A Division of Smith Energy Services, Inc.

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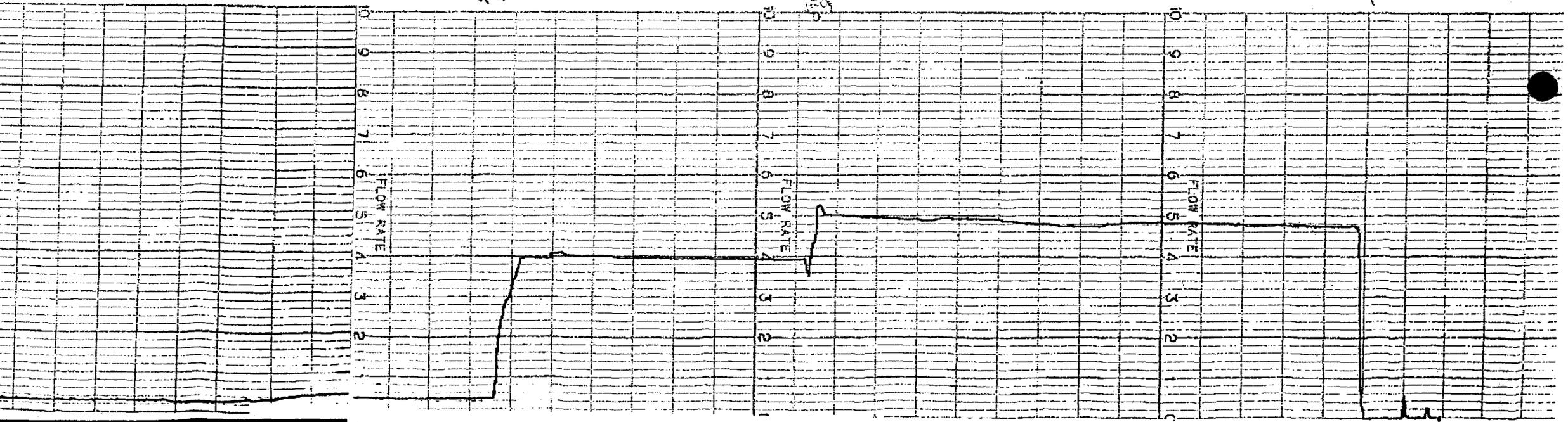
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2405

SEP 9 1991

Ref: 8WM-DW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Robert L. Ballou
Coors Energy Company
P. O. Box 467
Golden, Colorado 80402

RECEIVED

SEP 16 1991

DIVISION OF
OIL GAS & MINING

RE: UNDERGROUND INJECTION CONTROL (UIC)
Final Permit for the
Ute Tribal 3-10D SWD 43-013-31217
EPA Permit No. UT2573-03514 Sec 10
Duchesne County, Utah T. 45, R. 4W

Dear Mr. Ballou:

Enclosed are a Final Underground Injection Control Permit, and a Final Statement of Basis for the Ute Tribal 3-10D SWD. The public comment period for the proposed permit action ended on August 31, 1991. The Environmental Protection Agency (EPA) received no comments during the thirty (30) day comment period. However, Coors Energy Company did submit, for EPA information, a copy of a petition directed to the State of Utah - Department of Natural Resources to approve the conversion of the Ute Tribal 3-10D to a pilot water injection well, and not a salt water disposal facility.

Following completion of the well conversion, but prior to commencement of disposal operations, the Ute Tribal 3-10D SWD (1) must undergo and pass a mechanical integrity pressure test (MIT); (2) must submit to the EPA, for review and approval, an adequate cement bond log, per instructions in Part II, Section C. 1. (b); (3) the permittee must conduct a radioactive tracer survey, per instructions in Part II, Section C. 1. (b); (4) the permittee must measure the formation pore pressure (static bottom hole pressure of the perforated interval; and (5) the permittee must submit an EPA Form 7520-12 (Well Rework Record). A thirty (30) day notice of the scheduled MIT is required so that we can arrange to witness it. Please contact Mr. Emmett Schmitz of EPA's Denver, Colorado office, telephone (303) 293-1436, in this regard.

Mr. Robert Ballou
EPA Permit UT2573-03514.
Page Two

If you have any questions on this action, please call Emmett Schmitz at (303) 293-1436. Please send all correspondence, reports and forms to the ATTENTION: EMMETT SCHMITZ citing MAIL CODE: 8WM-DW very prominently.

Sincerely,



Max H. Dodson, Director
Water Management Division

Enclosures: Final Permit
Final Statement of Basis

cc: w/enclosures: Mr. Ferron Secakuku
Energy & Mineral Resource Dep't.
Uintah and Ouray Agency
P. O. Box 70
Fort Duchesne, Utah 84026

Mr. Charles Cameron
Bureau of Indian Affairs
Uintah and Ouray Agency
Fort Duchesne, Utah 84026

Mr. Jerry Kenzka
Vernal District
Bureau of Land Management
170 South 300 East
Vernal, Utah 84078

Mr. Gil Hunt
Utah Division of Oil, Gas, and Mining
3 Triad Center, #350
355 West North Temple
Salt Lake City, Utah 84180-1203

FINAL STATEMENT OF BASIS

COORS ENERGY COMPANY

UTE TRIBAL 3-10D SWD

EPA PERMIT NUMBER: UT2573-03514

CONTACTS:

Emmett R. Schmitz
U. S. Environmental Protection Agency
UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500
Denver, Colorado 80202-2405
Telephone: (303) 293-1436

DESCRIPTION OF FACILITY AND BACKGROUND INFORMATION:

On February 19, 1991, Coors Energy Company, Golden, Colorado made application for an underground salt water disposal permit for the disposal of produced water from the Green River and Wasatch Formations, Duchesne oil field, into the Green River Formation (perforations 6246 - 6262 feet kelly bushing [KB]). The total dissolved solids (TDS) content of the commingled Green River-Wasatch Formations water was analyzed as 5528 mg/l to 10,495 mg/l. The permittee reports the disposal zone to contain total dissolved solids between 13,000 mg/l and 22,800 mg/l. The disposal zone is also reported to be a depleted oil/gas reservoir. This permit application is for the conversion of a plugged and abandoned former oil producing well to a salt water disposal well. The Environmental Protection Agency (EPA), and the State of Utah, are aware that the Green River disposal interval may be a stratigraphic correlative of the producing interval in nearby oil wells in the Duchesne Field. As a disposal well, the Ute Tribal 3-10-D SWD shall be limited to a maximum water disposal of 1,720,376 barrels of water (BW).

The area covered by the application is in a portion of the Duchesne oil field with the Ute Tribal 3-10D SWD located in the SE 1/4 of the SW 1/4 of Section 10-T4S-R4W, Duchesne County, Utah. The Ute Tribal 3-10D SWD is located in the Uintah & Ouray Indian Reservation. The Green River disposal zone is not an underground source of drinking water (USDW).

The operator has requested that the maximum injection rate be set at 1000 barrels of water per day (BWPD). The operator has also requested that the maximum surface injection pressure be set at 1375 pounds per square inch gauge (psig).

A casing/tubing annulus pressure test must be performed and witnessed by representatives of the EPA prior to commencement of injection. The Ute Tribal 3-10D SWD must pass the test, thereby demonstrating the absence of leaks in the casing and/or tubing. Written authorization to inject will be given subsequent to the mechanical integrity test demonstration; submission of a Well Rework Record (EPA Form 7520-12); EPA review of a rerun of the cement bond log with casing pressured-up; and, an EPA-witnessed and approved radioactive tracer survey (RATS) of the disposal zone.

EPA also requires the permittee to monitor the 2-7/8 inch tubing pressure, and the tubing/5-1/2 inch casing annulus pressure.

Coors Energy Company 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 disposal well, which life shall not exceed a cumulative water disposal of 1,720,376 barrels. During the life of the well no reapplication will be necessary 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. The operator does not estimate the life of this salt water disposal well.

This Statement of Basis gives the derivation of the site-specific permit conditions and reasons for them on the basis of the direct implementation regulations promulgated for the Uintah & Ouray Indian Tribal lands in the State of Utah under the UIC program provisions for the Safe Drinking Water Act (SDWA). 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 CONVERSION REQUIREMENTS

Casing and Cementing

(Condition 1)

Existing casing and cementing was submitted with the permit application. For the disposal well, present construction is as follows:

- (1) Surface casing (8-5/8 inch) is set in a 12-1/4 inch diameter hole to a depth of 377 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 6726 feet KB. The operator reports that the top of cement, by cement bond log (CBL), is approximately 100 feet KB. EPA review of the CBL does not support the operator's interpretation of annular cement integrity. THE PERMITTEE WILL BE REQUIRED TO RUN A CEMENT BOND LOG, WITH THE CASING PRESSURED UP, BEFORE the operator's proposed conversion of this well will be considered as complying with the UIC requirements for adequate cement behind the 5-1/2 inch casing.
- (3) The operator indicates on application Exhibit "G," "a schematic wellbore diagram showing how the proposed injection well was drilled and completed," that cast iron bridge plugs (CIBP) were set at 6500 feet KB and 6365 feet KB. These two (2) CIBPs are adequate to prohibit Green River water from moving up inside pipe, from former producing perforations, 6652 - 6672 feet KB.
- (4) As present construction, i.e., cementing, does not appear to comply with UIC requirements, the operator shall demonstrate an effective EPA-acceptable cement bond behind the 5-1/2 inch casing from approximately 6050 feet KB to approximately 6320 feet KB.
- (5) The operator shall also demonstrate an EPA-acceptable cement bond behind the 5-1/2 inch casing from approximately 3150 - 3350 feet, i.e., annular cement protection across the base (3250 feet) of the last underground source of drinking water (USDW).

The State of Utah, Department of Natural Resources, Technical Publication No. 92, "Base of Moderately Saline Ground Water In the Uinta Basin, Utah," describes "moderately saline" as water analyzed to contain 3,000 to 10,000 mg/l TDS. The Ute Tribal 3-10D SWD is located in an area where "moderately saline" waters extend into the subsurface to a depth of approximately 3250 feet KB.

The submitted cement bond log suggests all aquifers from the base of the surface casing down through the depth of 3250 feet are not protected from the proposed Lower Green River disposal zone (6246 - 6262 feet) and from former oil-producing perforations (6652 - 6672 feet) by annular cement behind the 5-1/2 inch casing. EPA revised plugging and abandonment procedures will ensure USDW protection from the disposal zone via annular communication. Upon demonstration by Coors that there is annular cement integrity from 3250 feet up through the base of the surface casing, the EPA may revise the present plugging and abandonment (P&A) plan.

Dense, thick and thin shale beds are interbedded with porous to tight sands and marls throughout the entire Green River Formation. These impervious confining intervals occur above and below the proposed disposal interval. The top of the Green River Formation occurs at 2100 feet KB. Total depth (6770 feet) is in the Green River Formation.

Tubing and Packer Specifications

(Condition 2)

The tubing information submitted by the applicant is not incorporated into the permit. The packer will be set at a depth no greater than 100 feet above the top perforation of 6246 feet, and that setting is incorporated into the permit which shall be binding on the permittee.

Monitoring Devices

(Condition 3)

For the purposes of obtaining tubing/casing annulus and tubing pressure measurements, EPA is requiring that the permittee install a 1/2 inch fitting with cut-off valve at the wellhead for the casing/tubing annulus. A similar fitting and cut-off valve will be installed on the tubing.

EPA is requiring the permittee to install a sampling tap on the line to the disposal well and a flow meter that will be used to measure cumulative volumes of injected fluid.

Formation Testing

(Condition 5)

The permittee is required to determine the injection zone fluid pore pressure (static bottom-hole pressure).

Coors Energy Company will not obtain authorization to commence water disposal until Coors has successfully demonstrated cement integrity behind the 5-1/2 inch casing, and completed, with EPA review and approval, a radioactive tracer survey (RATS) of the disposal interval. Guidance for the RATS is described in Schedule D of the Permit.

PART II, Section B - CORRECTIVE ACTION

There is one (1) well within the a 1/4-mile area of review. This is the Coors Energy Ute Tribal 1-10 which produces from the Green River and Wasatch Formations. No corrective action is required. Cement extends from the base (7278 feet) of the 7-7/8 inch longstring to the surface. A five (5) inch liner, 7278 - 8514 feet, is cemented from top to bottom.

PART II, Section C - WELL OPERATION

Prior to Commencing Injection

(Condition 1)

Injection will not be allowed to commence until the permittee has submitted a Well Rework Record (EPA Form 7250-12). A mechanical integrity pressure test shall be performed and witnessed according to the guidelines discussed in the permit. All required annular cement demonstrations shall meet with EPA approval. The permittee will have demonstrated a satisfactory radioactive tracer survey (RATS). The permittee shall also measure the formation pore pressure of the disposal zone.

Mechanical Integrity

(Condition 2)

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 3)

Injection will be limited to the Green River Formation subsurface interval 6246 - 6262 feet KB.

Injection Pressure Limitation

(Condition 4)

The permittee has requested a maximum surface injection pressure of 1375 psig. A surface injection pressure greater than 1375 psig will be permitted only after demonstration that such injection pressure will not exceed the Green River Formation injection zone fracture pressure (1400 psig by 11/28/90 SRT). A maximum surface injection pressure of 1400 psig (formation "breakdown pressure") was identified in a November 28, 1990 step-rate test (SRT) on the Green River disposal zone. On this basis, an estimated fracture gradient of 0.662 psi/ft can be calculated.

$$\begin{aligned} \text{FRAC. GRAD.} &= [1400 + (0.433)(S_g)(d)]/d \\ &= [1400 + (0.433)(1.011)(6246)]/6246 \\ &= \underline{0.662 \text{ psi/ft}} \end{aligned}$$

$$P_d = 12Sh \quad (1)$$

$$P_w + P_d = P_i \quad (2)$$

Where,

P_d = hydrostatic pressure at a specific depth (psig)
 S = specific weight of injection fluid in pounds per cubic inch (pci)
 h = height of fluid column (or a specific depth) in feet: 6246
 P_w = injection pressure at the surface (psig) (1375 max.)
 P_d = hydrostatic pressure at a specific depth (psig)
 P_i = pressure at a specific depth, caused by injection (psig)
1.011 = specific gravity derived from chemical analysis of the Green River and Wasatch Formations injection fluid
12 = conversion factor for inches and feet
NOTE: specific gravity = (specific weight of fluid/specific weight of water)

$$1.011 = S/(0.03606 \text{ pci}), \text{ and } S = 0.03646 \text{ pci}$$

The EPA-calculated injection pressure value is obtained as follows (depth is top perforation);

(a) $P_d = 12Sh = (12)(0.03646)(6246) = 2733 \text{ psig};$

(b) Assume a sand-face fracture gradient of 0.662 psig/ft

$$0.662 \text{ psig/ft} = P_i/6246 \text{ ft or } P_i = 4135 \text{ psig};$$

(c) $P_w = P_i - P_d = 4135 - 2733 = 2472 \text{ or } \underline{1402} \text{ psig.}$

This is the value for surface injection pressure that would induce the bottom-hole fracture pressure. Influences due to friction loss have not been taken into consideration for these calculations. The requested maximum surface injection pressure of 1375 psig is approximately equal to the calculated fracture pressure of 1402 psig. Therefore, the permittee is restricted to a surface injection pressure of 1375 psig.

Until such time as Coors Energy demonstrates (through a step rate test or other appropriate method) that the fracture gradient is greater than 0.662 psi/ft, the Ute Tribal 3-10D SWD shall be operated at a surface injection pressure no greater than 1375 psig. Permit provisions have been made that allow the operator to request an increase in the injection pressure. The Director may also decrease the maximum surface injection pressure.

Injection Volume Limitation

(Condition 5)

There is no limit on the number of barrels of water per day that shall be injected into the Ute Tribal 3-10D SWD well, provided that in no instance shall the injection pressure exceed that shown in Part II, Section C. 4. of this permit.

Injection fluid shall be limited to a combination of produced Green River and Wasatch Formations water with a total dissolved solids (TDS) content ranging from 5528 mg/l to 10,500 mg/l.

Cumulative injection shall be limited to an estimated 1,720,376 barrels of water. The calculation to develop this volume of disposed water was made by using equation (2) below.

$$V = (\pi r^2 b n) / 5.6 \quad (2)$$

Where,

V = available subsurface injection zone volume to be filled (barrels)
r = radial distance of 1/4-mile area of review (1320 feet)
b = thickness of disposal interval (feet) = estimate 16 ft.
n = porosity of disposal interval = 11% (dimensionless)
5.6 = conversion factor for barrels and ft³

Equation (2) was used to estimate the theoretical volume of fluid necessary to fill up the subsurface cylinder defined by a radius of 1/4-mile.

$$V = [(\pi)(1320)^2(16)(0.11)] / 5.6 = 1,720,376 \text{ barrels}$$

When the maximum cumulative volume is reached, EPA will make a determination whether to extend the limits of the 1/4-mile area of review, or to terminate the permit.

PART II, Section D - MONITORING, RECORDKEEPING AND REPORTING OF RESULTS

Injection Well Monitoring Program

(Condition 1)

The permittee is required to monitor water quality of the injected fluids annually. 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.

In addition, weekly observations of flow rate and cumulative volume will be made. At least one observation each for flow rate, and cumulative volume will be recorded on a monthly basis. Injection pressure and tubing/long string casing annulus will be observed daily and, one value, each, recorded monthly. This record is required to be reported to EPA annually.

The permittee shall maintain copies (or the originals) of all pertinent records at the office of Coors Energy Company, Golden, Colorado.

PART II, Section E - PLUGGING AND ABANDONMENT

Plugging and Abandonment Plan

(Condition 2)

The plugging and abandonment plan submitted by the applicant, and amended by the EPA, (Appendix C), is as follows:

PLUG NO. 1: Cement squeeze disposal perforations 6246 - 6262 feet. Leave a cement plug inside the 5-1/2 inch casing from 6200 - 6316 feet.

PLUG NO. 2: Set cement plug inside of 5-1/2 inch casing from 3150 - 3350 feet.

PLUG NO. 3: Set cement plug inside of annulus between the 5-1/2 casing and the 8-5/8 inch surface casing from 425 feet to 325 feet.

PLUG NO. 4: Place a 100-foot surface plug inside of the 5-1/2 inch casing, and the 100 feet between the longstring and the surface casing.

PART II, Section F - FINANCIAL RESPONSIBILITY

Demonstration of Financial Responsibility

(Condition 1)

Coors Energy Company has filed a \$15,000.00 Surety Bond and Amendment to the Standby Trust Agreement that have been reviewed and approved by the EPA. This will serve as a demonstration of financial responsibility for the plugging and abandonment of the permitted disposal well, and is incorporated into the permit and shall be binding on the permittee. The permittee has estimated that the plugging and abandonment costs for the Ute Tribal 3-10D SWD will be approximately \$15,000.00



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2405

UNDERGROUND INJECTION CONTROL PROGRAM

Final Permit
Class II Salt Water Disposal
Permit #UT2573-03514

Well Name: Ute Tribal 3-10D SWD
Field Name: Duchesne
County & State: Duchesne County, Utah

Issued to:

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

Date Prepared: September 1991

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PART I. AUTHORIZATION TO CONVERT AND INJECT

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

Coors Energy Company

P. O. Box 467

Golden, Colorado 80402

is hereby authorized to convert and inject into a Class II salt water disposal well, known as the Ute Tribal 3-10D SWD, located 324 feet from the south line and 2590 feet from the west line, (SE 1/4 of the SW 1/4), of Section 10, Township 4 South, Range 4 West, Duchesne County, Utah. The Ute Tribal 3-10D SWD is also located within the Uintah & Ouray Indian Reservation.

Injection shall be for the purpose of disposing of water recovered in the production of hydrocarbons from the Green River and Wasatch Formations, in accordance with conditions set forth herein.

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

This permit consists of a total of 35 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.

This permit and the authorization for salt water disposal are issued for the operating life of the well, unless terminated (Part III, Section B), or except upon automatic expiration due to prolonged postponement of conversion (Part II, Section A. 6.). The permit will be reviewed by EPA at least once every five (5) years to determine whether action under 40 CFR 144.36 (a) is warranted.

The permit will expire upon delegation of primary enforcement responsibility for the UIC Program to the State of Utah, Division of Oil, Gas, and Mining, or the Uintah & Ouray Indian Reservation, unless either the State or the Indian Reservation have adequate authority, and choose to adopt and enforce this permit as a State or Indian Reservation permit.

Issued this 7th day of September, 1991.

This permit shall become effective September 7, 1991.



* 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 REQUIREMENTS

1. Casing and Cementing. The conversion details submitted with the application are hereby incorporated into this permit as Appendix A, and shall be binding on the permittee. Cement bond appears to exist only on the backside of the 8-5/8 inch surface casing. A submitted cement bond log (CBL), for the Ute Tribal 3-10D SWD, suggests no cement pipe-bonding on the backside of the 5-1/2 inch longstring from total depth (TD) to the permittee reported top of cement (TOC) at approximately 100 feet. (As a condition of final permitting, the permittee will be required to run the CBL with the casing under pressure). The permittee has submitted the following existing casing construction. Surface casing (8-5/8 inch) is set in a 12-1/4 inch hole to a depth of 377 feet kelly bushing (KB). The 5-1/2 inch longstring is set in a 7-7/8 inch hole at a depth of 6726 feet (KB).

2. Tubing and Packer Specifications. A tubing of two and seven-eighths (2-7/8) inches diameter is to be utilized and will be set at a depth of no more than 100 feet above the top perforation. Injection between the outermost casing protecting underground sources of drinking water (USDW) and the wellbore is prohibited.

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

- (a) a tap on the injection line between the storage tank(s) and the disposal well for collection of a representative sample of injection fluids;
- (b) Two (2) one-half (1/2) inch Female Iron Pipe (FIP) fittings, isolated by plug or globe valves, and located at the wellhead on the tubing and on the tubing/casing annulus, and positioned to allow attachment of 1/2 inch Male Iron Pipe (MIP) gauges.
- (c) a flow meter with a cumulative volume recorder that is certified for 95 percent accuracy, or more, throughout the range of injection rates allowed by the permit.

4. 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 facility. Major alterations or workovers of the permitted well shall meet all conditions as set forth in this permit. A major alteration/workover shall be considered any work performed

which affects casing, packer(s), or tubing. In addition, 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.

Demonstration of mechanical integrity shall be performed within thirty (30) days of completion of workovers/alterations and prior to resuming injection activities, in accordance with Part II. Section C. 1. (c).

5. Formation Testing. The permittee shall measure the formation pore pressure (static bottom-hole pressure). Coors Energy will not obtain authorization to commence water disposal until Coors has successfully demonstrated cement integrity behind the 5-1/2 inch casing, and completed, with EPA review and approval, a radioactive tracer survey (RATS) of the disposal interval. Guidance for the RATS is described in Schedule D of the Permit.

6. Postponement of Conversion. If the well is not converted within one (1) year from the effective date of this permit, the permit will automatically expire unless the permittee requests an extension. The written request shall be made to the Director, in lieu of the annual reporting requirements of Part II, Section D. 4., and shall state the reasons for the delay in conversion and confirm the protection of all USDW. 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 re-issued.

B. CORRECTIVE ACTION

There is one well in the 1/4-mile area of review. No corrective action is required. Cement extends from the base (7278 feet) of the 7-7/8 inch longstring to the surface. A five (5) inch liner, 7278 - 8514 feet) is cemented from top to bottom.

C. WELL OPERATION

1. Prior to Commencing Injection. Injection operations may not commence until the permittee has complied with (a) and (b) as follows:

- (a) Conversion and testing is complete, and the permittee has submitted a Well Rework Record (Form 7520-12) in Appendix B; and

- (i) The Director has inspected or otherwise reviewed the new disposal well and finds it 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 disposal well within thirteen (13) days of the date the Director receives the Well Rework Record in paragraph (a) of this permit condition in which case prior inspection or review is waived and the permittee may commence injection. (Note: However, in all circumstances, item (b) and (c) below must also be satisfied).
- (b) After the permittee has completed the required rerunning of the cement bond log, with casing under pressure to evaluate cement bond approximately 6050 feet to 6320 feet and approximately 3150 - 3350 feet, the permittee shall conduct a radioactive tracer survey (RAT) across the disposal zone to assure that disposed water is entering only the perforated disposal interval. The permittee shall measure the formation pore pressure (static bottom-hole pressure). A mechanical integrity test (MIT) shall be performed and witnessed according to the guidelines set forth in this permit.

2. 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/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 fluid) at least twenty-four (24) hours in advance of the test. Pressure values shall be recorded at five (5) minute intervals or less. A well passes the mechanical integrity test if there is less than a ten (10) percent decrease/increase in pressure over the forty-five (45) minute period.

(b) Schedule for Demonstration of Mechanical Integrity. Subsequent to Initial.

A demonstration of mechanical integrity shall be made no less frequently than once every five (5) years from the effective date of the permit, 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 thirty (30) 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 the well.

- (c) Loss of Mechanical Integrity. If the well fails 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.

3. Injection Interval. Injection shall be limited to the Green River Formation interval 6246 - 6262 feet KB. Several hundred feet of Green River impervious shale, marl, siltstone, and sandstone occur above and below the disposal perforations.

4. Injection Pressure Limitation.

- (a) Maximum injection pressure, measured at the surface, shall not exceed 1375 pounds per square inch gauge (psig).

- (b) The pressure limit in paragraph (a) may be increased by the Director if the fracture pressure of the disposal formation will not be exceeded, and the permittee demonstrates that the proposed increase in surface injection pressure is necessary to overcome friction losses in the injection system. This demonstration shall be made by performing a step rate test, using fluid normally injected, to determine both the instantaneous shut-in pressure and the formation breakdown pressure. The Director will determine any allowable increase, or decrease, based upon the test results and other parameters reflecting actual injection operations.
- (c) The permittee shall give thirty (30) days advance notice to the Director if the increase in paragraph (b) will be sought. Details of the proposed test shall be submitted at least seven (7) days in advance of the proposed test date so that the Director has adequate time to review and approve the test procedures. Results of all tests shall be submitted to the Director within 10 days of the test. Injection at the increased pressure must be approved by the Director, in writing, before the permittee may begin continuous operation at that pressure.
- (d) Any approval granted by the Director for the increased pressure limitations as stated in paragraph (b) shall be made part of this permit by minor modification without further opportunity for public comment.

5. Injection Volume Limitation. There is no limitation on the number of barrels of water per day (BWPD) of fluid from the Green River and Wasatch Formations that shall be injected into this well, provided that in no case shall injection pressure exceed that limit shown in Part II. Section C. 4. of this permit.

The Green River disposal interval, with an analyzed total dissolved solids content (TDS) of 13,000 mg/l to 22,800 mg/l, is not an underground source of drinking water (USDW). However, as the State of Utah, and the Environmental Protection Agency (EPA), recognize that the disposal zone may be a stratigraphic correlative of a producing interval in nearby oil wells in the Duchesne Field, the Ute Tribal No. 3-10D SWD shall be limited to a cumulative disposal of 1,720,376 barrels of water.

6. Injection Fluid Limitation. The permittee shall not inject any hazardous substances, as defined by 40 CFR 261, at any time during the operation of the facility.

The sources of salt water to be injected into the Ute Tribal No. 3-10D SWD shall be limited to the Coors Energy Green River and Wasatch Formations oil wells in the Duchesne Field.

7. Annular Fluid. The annulus between the tubing and the casing shall be filled with fresh water treated with a corrosion inhibitor or other fluid as approved, in writing, by the Director. The annulus pressure shall be maintained at zero (0) psig.

D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS

1. Disposal 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 injection fluids, performed:
 - (i) annually for Total Dissolved Solids, pH, Specific Conductivity, and Specific Gravity; and
 - (ii) whenever there is a change in the source of injection fluids a comprehensive water analysis shall be submitted to the Director within thirty (30) days of any change in injection fluids.
- (b) Weekly observations of injection pressure, annulus pressure, and cumulative volume. At least one observation of injection pressure, annulus pressure and cumulative volume, each, shall be recorded monthly. Injection pressure and annulus pressure shall be measured at approximately the same time.

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 the originals) of all pertinent records at the office of Coors Energy Company, Golden, Colorado.

4. Reporting of Results. The permittee shall submit an Annual Report to the Director summarizing the results of the monitoring required by Part II, Section D. 1. (a) and (b) of this permit. Copies of all monthly records on injected fluids, and any major changes in characteristics or sources of injected fluid shall be included in the Annual Report. The first Annual Report shall cover the period from the effective date of the permit through December 31. Subsequently, the Annual Report shall cover the period from January 1 through December 31, and shall be submitted by February 15 of the following year. Appendix B contains Form 7520-11 which may be copied and used to submit the

annual summary of monitoring.

E. PLUGGING AND ABANDONMENT

1. Notice of Plugging and Abandonment. The permittee shall notify the Director forty-five (45) days before conversion or abandonment of the well.

2. Plugging and Abandonment Plan. The permittee shall plug and abandon the well as provided in the Plugging and Abandonment Plan, Appendix C. This plan incorporates information supplied by the permittee, and additional requirements specified by the EPA. 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 he:

- (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. 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.

F. FINANCIAL RESPONSIBILITY

1. Demonstration of Financial Responsibility. The permittee is required to maintain financial responsibility and resources to close, plug and abandon the injection well as provided in the plugging and abandonment plan.

- (a) Coors Energy Company has filed a \$15,000.00 Surety Bond and Amendment to the Standby Trust Agreement that have been reviewed and approved by the EPA. This will serve as a demonstration of financial responsibility for the plugging and abandonment of the Ute Tribal 3-10D SWD.
- (b) If financial statements or other information indicate that the permittee no longer has financial resources, according to EPA criteria, to assure that the injection well will be properly plugged and abandoned, then the permittee must make an alternate showing of financial responsibility. This showing must be acceptable to the Director and must be submitted within sixty (60) days after having been notified by EPA of the necessity for making an alternate showing of financial responsibility.
- (b) The permittee upon his own initiative and upon written request to EPA, may change the financial responsibility mechanism. Any such change must be approved by the Director. A minor permit modification will be made to reflect any change in financial mechanisms, without further opportunity for public comment.

2. Insolvency of Financial Institution. The permittee must submit an alternative 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 fluid 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 injection 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 injection 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) 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. Modifications, 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 Sections 124.5, 144.12, 144.39, and 144.40. Also, the permit is subject to minor modifications for cause as specified in 40 CFR Section 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 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, demonstration of mechanical integrity, and well specific monitoring and reporting following the conversion. In the case of conversion back to an oil or gas well, monitoring

and reporting will be for a period of not less than six (6) months during which period the permittee will submit to this EPA office copies of not less than six (6) consecutive monthly reports as submitted to the State of Utah Oil, Gas, and Mining Division. Following conversion to a production well the permittee will maintain financial responsibility to plug and abandon the Ute Tribal 3-10D SWD. Once these requirements of conversion to a non-Class II well are met, the EPA will remove the Ute Tribal 3-10D SWD from the UIC inventory list.

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

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

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). Claims of confidentiality for the following information will be denied:

- 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 are 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 SWDA 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)

293-1436 (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.

(B) Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

(ii) A written submission shall also be provided within five (5) days of the time the permittee becomes aware of the circumstances. 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.

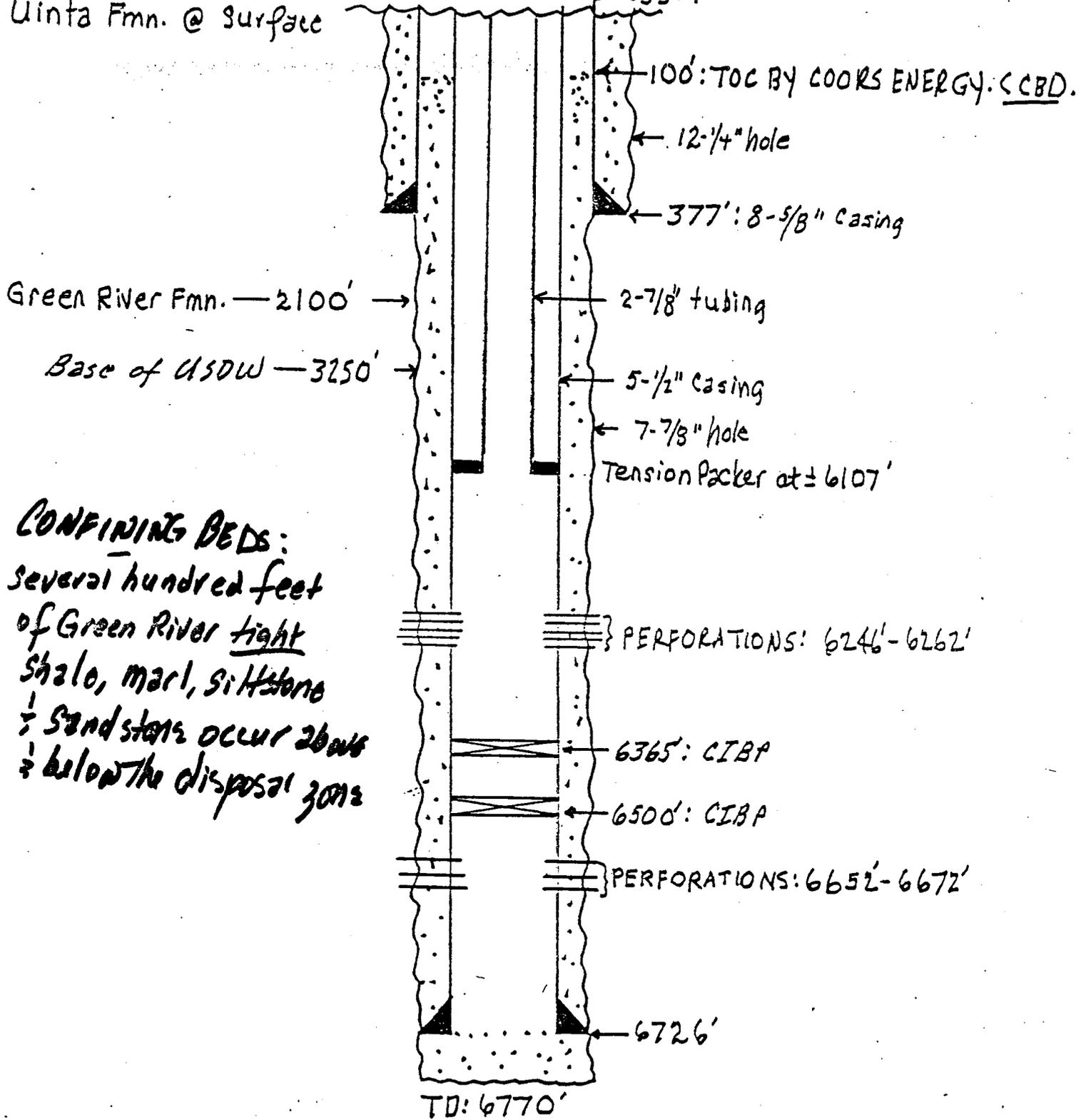
(e) Other Information. Where the permittee becomes aware that he failed to submit any relevant facts in the permit application, or submitted incorrect information in a permit application or in any report to the Director, the permittee shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

APPENDIX A (Conversion Plan)

Schematic Diagram: Present S.T. State

COORS ENERGY COMPANY
 UTE TRIBAL NO. 3-10 D
 EPA PERMIT UT2573-03514

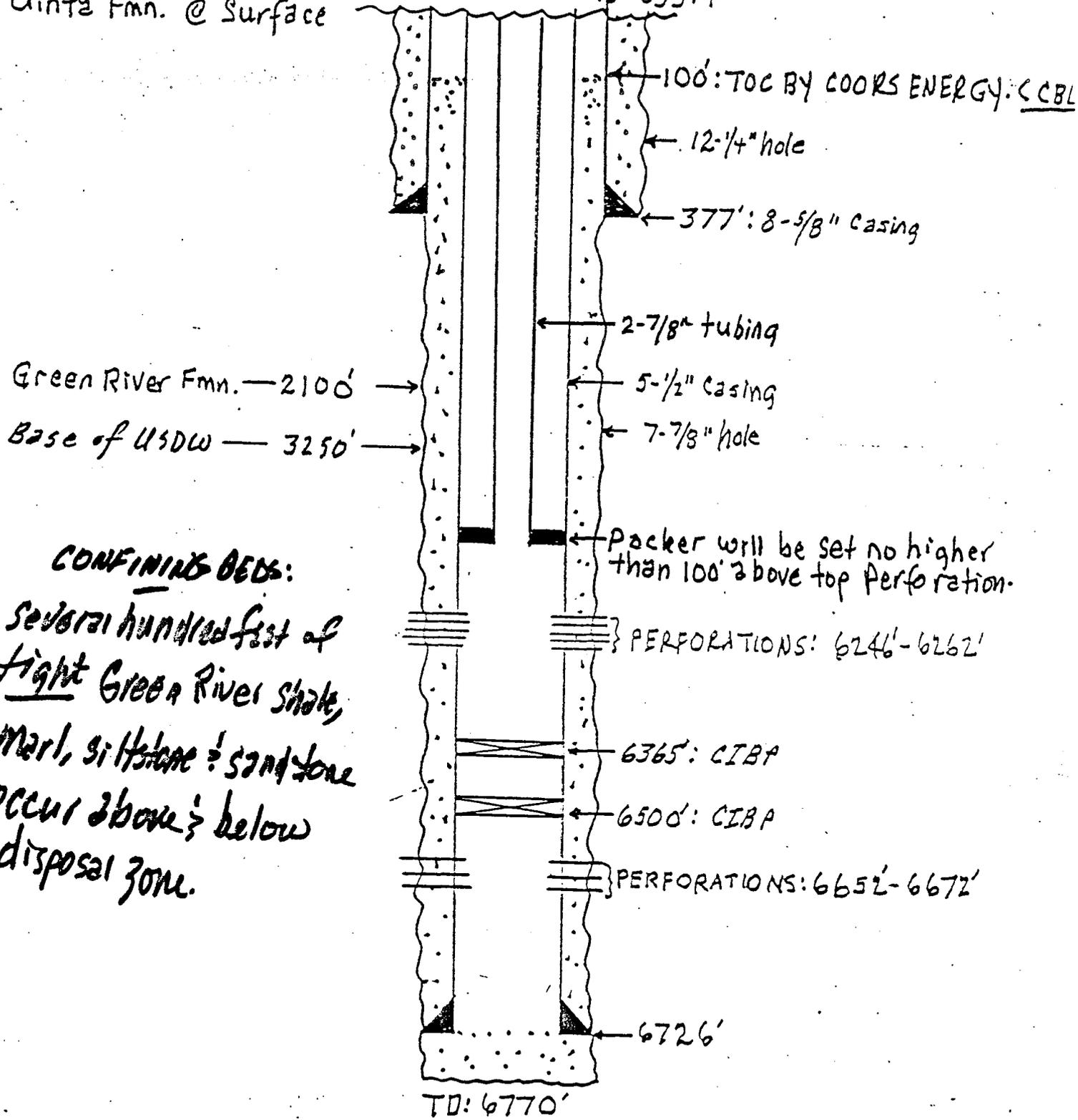
Uinta Fmn. @ Surface



CONFINING BEDS:
 several hundred feet
 of Green River tight
 shale, marl, siltstone
 1/2 sandstone occur above
 & below the disposal zones

SCHEMATIC DIAGRAM: PROPOSED CONVERSION
 COORS ENERGY COMPANY
 UTE TRIBAL NO. 3-10 D
 EPA PERMIT UT2573-03514

Uinta Fmn. @ Surface



CONFINING BEDS:
 Several hundred feet of
 light Green River shale,
 marl, siltstone & sandstone
 occur above & below
 disposal zone.

APPENDIX B (Reporting Forms)

EPA Form 7520 -7: Application to Transfer Permit
EPA Form 7520-10: Well Completion Report
EPA Form 7520-11: Annual Well Monitoring Report
EPA Form 7520-12: Well Rework Record
EPA Form 7520-13: Plugging Record

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			
	1/4 OF	1/4 OF	1/4 SECTION	TOWNSHIP
	RANGE			
LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location ____ ft. from (N/S) ____ Line of quarter section and ____ ft. from (E/W) ____ Line of quarter section				
WELL ACTIVITY <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
--	-----------	-------------

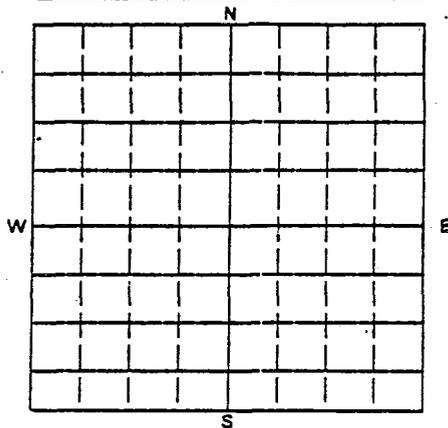


**COMPLETION REPORT FOR BRINE DISPOSAL,
HYDROCARBON STORAGE, OR ENHANCED RECOVERY WELL**

NAME AND ADDRESS OF EXISTING PERMITTEE

NAME AND ADDRESS OF SURFACE OWNER

LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT — 640 ACRES



STATE

COUNTY

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

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

Estimated Fracture Pressure

Enhanced Recovery

Area

of Injection Zone

Hydrocarbon Storage

Number of Wells _____

Anticipated Daily Injection Volume (Bbbls)

Injection Interval

Average

Maximum

Feet

to Feet

Anticipated Daily Injection Pressure (PSI)

Depth to Bottom of Lowermost Freshwater Formation

Average

Maximum

(Feet)

Type of Injection Fluid (Check the appropriate block(s))

Salt Water

Brackish Water

Fresh Water

Liquid Hydrocarbon

Other

Lessee 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

APPENDIX C (Plugging Plan)

Plugging and Abandonment Form
Plugging and Abandonment Plan
Plugging and Abandonment Diagram



PLUGGING AND ABANDONMENT PLAN

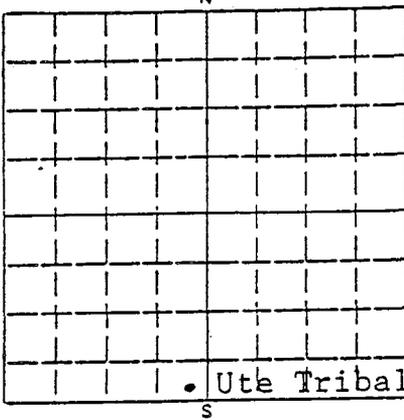
NAME AND ADDRESS OF FACILITY

Ute Tribal 3-10D

NAME AND ADDRESS OF OWNER/OPERATOR

Coors Energy Company
PO Box 467
Golden, Colorado 80402

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT - 640 ACRES



STATE COUNTY
UT Duchesne

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

1/4 OF SE 1/4 OF SW 1/4 SECTION 10 TOWNSHIP 4S RANGE 4W

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

Surface Location 324 ft. from (N/S) S Line of quarter section
and 2590 from (E/W) W Line of quarter section

TYPE OF AUTHORIZATION

- Individual Permit
- Area Permit
- Rule

Number of Wells 1

WELL ACTIVITY

- CLASS I
- CLASS II
- Brine Disposal
- Enhanced Recovery
- Hydrocarbon Storage
- CLASS III

Well Number 3-10D

Lease Name, Ute Tribal

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB./FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
8-5/8"	24.00 #		377'	12-1/4"
5-1/2"	15.50 #		6726'	7-7/8"

METHOD OF EMPLACEMENT OF CEMENT PLUGS

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

CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)	5-1/2"	5-1/2"					
Depth to Bottom of Tubing or Drill Pipe (ft.)	6200'	100'					
Sacks of Cement To Be Used (each plug)	30	20					
Slurry Volume To Be Pumped (cu. ft.)	34	23					
Calculated Top of Plug (ft.)	6316'	surf.					
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)	15.8	15.8					
Type Cement or Other Material (Class III)	G	G					

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (If any)

From	To	From	To
6246'	6262'		

Estimated Cost to Plug Wells

\$12,000.00

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.)

NAME AND OFFICIAL TITLE (Please type or print)

D.S. Sprague
Manager, Engineering/Operations

SIGNATURE

DATE SIGNED

3-14-91

RECEIVED
 PERMITS PM 1:52
 UTE TRIBAL
 3-10D

Plugging and Abandonment Plan

Ute Tribal 3-10D SWD

The following plugging and abandonment plan has been submitted by the applicant, but amended by the EPA. The EPA may, at its discretion upon receipt of new construction/conversion information, amend this plugging and abandonment plan.

- PLUG NO. 1: Cement squeeze Green River perforations 6246-6262 feet, with a cement plug remaining inside of the 5-1/2 inch casing from 6200 - 6316 feet.
- PLUG NO. 2: Set cement plug inside of 5-1/2 inch casing from 3150 - 3350 feet.
- PLUG NO. 3: Set cement plug inside of annulus between the 5-1/2 inch casing and the 8-5/8 inch surface casing from 425 - 325 feet.
- PLUG NO. 4: Place a 100-foot surface plug inside of the 5-1/2 inch casing, and the annulus between the 5-1/2 inch casing and the 8-5/8 inch surface casing.

Schematic Diagram: Plug & Abandon Plan

COORS ENERGY COMPANY

UTE TRIBAL NO. 3-10 D

EPA PERMIT UT2573-03514

Uinta Fmn. @ Surface

PLUG NO. 4: Surf. to 100'

100': TOC BY COORS ENERGY: CCBL

12-1/4" hole

PLUG NO. 3: 325'- 425'

377': 8-5/8" casing

Green River Fmn. — 2100'

5-1/2" casing

Base of USDW — 3250'

7-7/8" hole

PLUG NO. 2: 3150'- 3350'

PLUG NO. 1: 6200'- 6316'

PERFORATIONS: 6246'- 6262'

CONFINING BEDS:

Several hundred feet of tight Green River shales, Marl, siltstone & sandstone occur below finer deposits.

6365': CIBP

6500': CIBP

PERFORATIONS: 6652'- 6672'

6726'

TD: 6770'

APPENDIX D

ACCEPTED RADIOACTIVE TRACER SURVEY GUIDELINES & PROCEDURES

Accepted Radioactive Tracer Survey Guidelines & Procedures

The purpose of running a radioactive tracer survey (RATS) in an injection well is twofold:

1. To show whether injected fluids will leak through a hole or holes in the casing above the casing shoe; and/or
2. To show whether injected fluids will migrate vertically outside the casing after reaching the casing shoe.

GUIDELINES:

- (a) The gamma ray log may be run up to 60 feet/minute at a time constant (TC) of 1 second or up to 30 ft/min at a TC of 2 sec or up to 1.5 ft/min at a TC of 4 sec. INDICATE LOGGING SPEED AND TIME CONSTANT on the log heading.
- (b) INCLUDE A COLLAR LOCATOR for depth control.
- (c) Vertical scale may be 1 inch, 2 inches, or 5 inches per 100 ft.
- (d) INDICATE IN API UNITS THE HORIZONTAL SCALE. If one gamma ray curve is recorded, make sure the sensitivity used is such that the tracer material will be obvious when detected and will not be confused with normal "hot spots" in the formations (i.e. gamma ray sensitivity should be such that lithology can be correlated).
- (e) INDICATE BEGINNING AND ENDING CLOCK TIMES on each log pass.
- (f) INDICATE INJECTION RATE (if any) during each log pass.
- (g) INDICATE VOLUME OF FLUID INJECTED between log passes.
- (h) INDICATE VOLUME AND CONCENTRATION OF EACH SLUG of tracer material.

PROCEDURE:

- (1) Run a base log from below the perforated interval (and/or the injection zone) to at least 500 feet above the zone (or to at least above the confining zone).
- (2) Pump tracer material in and trace the slug with the gamma ray tool. Run short OVERLAPPING log passes following the tracer downhole. It is suggested that pumping not occur during logging; that is, pump only to move tracer downhole between log passes to prevent premature loss of the tracer.

RATS Guidelines & Procedures

Page 2

- (3) As soon as the tracer reaches the injection zone, stop pumping (or slow as much as possible) and run a log from below the perforated interval (and/or the injection zone) to 500 feet above the injection zone (or to at least above the confining zone).
- (4) As tracer is pumped (at or near the maximum proposed injection pressure and rate) out of the casing into the wellbore, run a few short log passes from an appropriate distance below the slug depth to an appropriate distance above the slug depth, showing the pathway the tracer follows. Continue running passes UNTIL THE TRACER VIRTUALLY DISAPPEARS. The last pass should essentially duplicate the base log.
- (5) More than one pass may be shown on a log segment as long as each gamma ray curve along with its collar locator is distinguishable. Otherwise, make each pass on a separate log segment.
- (6) An interpretation of the log must be supplied by the logging company.
- (7) Include a schematic diagram of the well on the log. The diagram should show the casing diameters and depths, tubing diameter and depth (if any), perforated intervals or open hole, and total or plugged back depth. Indicate the pathway the tracer material appears to have taken using arrows.

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
IN AND FOR THE STATE OF UTAH

In the Matter of the Request for)	
Agency Action of Coors Energy Company)	
for an Order Approving the Conversion	)	FINDINGS OF FACT AND
of the Ute Tribal 3-10D Well to a Pilot	)	CONCLUSIONS OF LAW
Water Injection Well in the Green River	)	AND ORDER
Formation, Section 10, Township 4)	
South, Range 4 West, USM, Duchesne	)	Cause No. 224-1
County, Utah.)	
	)	Docket No. 91-035

Pursuant to the Request for Agency Action ("Request") of Coors Energy Company ("Petitioner"), this Cause came on for hearing before the Board of Oil, Gas and Mining at 3:00 p.m. on Wednesday, October 2, 1991 at Suite 520, 3 Triad Center, 355 West North Temple, Salt Lake City, Utah. The following Board members were present and participated at the hearing:

James W. Carter, Chairman
John M. Garr
Judy F. Leaver
E. Steel McIntyre
Kent G. Stringham
Raymond Murray
Jay Christensen.

Also present representing the Division of Oil, Gas and Mining were Dianne R. Nielson, Director, R. J. Firth, Associate Director and Thomas A. Mitchell, Assistant Attorney General and Counsel to the Board. Representing the Bureau of Land Management was Robert A. Hendricks, Chief, Branch of Fluid Minerals, Utah State Office.

Testifying on behalf of Petitioner was Robert L. Ballou, geologist. Petitioner was represented by Thomas W. Bachtell of Pruitt, Gushee & Bachtell.

Notice of the hearing was mailed, postage prepaid, to Floyd Moon, Arnold Moon, Phillip Moon, Clinton Moon, Allen Moon, Milton Moon, H. Merrill Moon, the Ute Indian Tribe, the Bureau of Indian Affairs of the Uintah and Ouray Agency, the Vernal District Office Bureau of Land Management, and the United States Environmental Protection Agency, Region VIII. No communications or statements were made in opposition to the Request, and no other parties appeared or participated in the hearing.

FINDINGS OF FACT AND CONCLUSIONS OF LAW

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties in the form and manner as required by law and the rules of the Board.
2. The Board has jurisdiction over the matters covered by the Request, and over all parties interested therein, and has jurisdiction to make and promulgate the Order hereinafter set forth. The Board was advised that the Petitioner is simultaneously making a similar proposal to the United States Environmental Protection Agency in Denver, Colorado, and that operations

will not be commenced by Petitioner until the approval of the Environmental Protection Agency is obtained, and consent has been given by the Ute Indian Tribe and the Ute Distribution Corporation.

3. The Green River formation within Section 10, Township 4 South, Range 4 West, USM, constitutes a suitable formation for the injection of water through the Ute Tribal 3-10D Well located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of the subject Section 10.

4. The injection well will be completed, equipped, operated and maintained in a manner that will prevent pollution and damage to any USDW or other resources, and will confine injected fluids to the interval approved. The evidence and data presented to the Board supports a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that would enable the injected fluid to enter any fresh water strata. The injection well is in the public interest, will promote conservation, and is designed to increased the ultimate recovery of hydrocarbons.

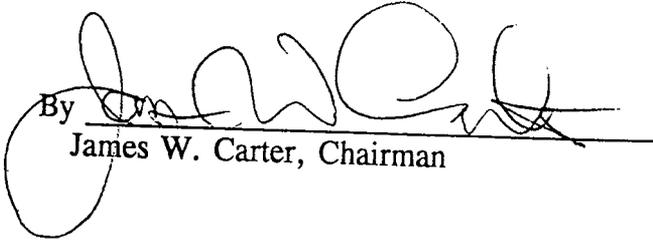
ORDER

After considering all testimony and evidence presented at the hearing, and the comments received from the staff of the Division, and from the Bureau of Land Management, the Board hereby enters the following Order:

1. The water injection well and project as proposed by Coors Energy Company in its Request and Exhibits is hereby approved for water injection into the Green River formation in the Duchesne field.
2. The Ute Tribal 3-10D Well located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 10, Township 4 South, Range 4 West, USM, Duchesne County, Utah, shall be the injection well, and the Ute Tribal 2-15D Well located in Section 15, and the Ute Tribal 1-10D Well located in Section 10, both wells located in the same township and range as the injection well, shall serve as the producing wells potentially affected by the water injection project.
3. The water flood injection project shall commence immediately, as soon as the necessary approvals from the United States Environmental Protection Agency, Ute Indian Tribe, and Ute Distribution Corporation are obtained, and shall continue for so long as the project operator deems the project operations appropriate and effective.
4. Petitioner is ordered to monitor the project and to report results in accordance with the rules of the Division.
5. The Board retains continuing jurisdiction over all of the parties and over the subject matter of this Cause.

ENTERED into this 24th day of October, 1991.

UTAH BOARD OF OIL, GAS AND MINING

By 
James W. Carter, Chairman

CERTIFICATE OF MAILING

I hereby certify that I caused a true and correct copy of the foregoing FINDINGS OF FACT AND CONCLUSIONS OF LAW AND ORDER for Docket No. 91-035, Cause No. 224-1 to be mailed by first class mail, postage prepaid, the 25th day of October, 1991 to:

Floyd Moon
2863 Glenmore
Salt Lake City, Utah 84106

Arnold Moon
c/o Majestic Meadows Mobile Park
1126 Carmellia Drive, #19
Salt Lake City, Utah 84107

Phillip Moon
3271 North 650 East
Provo, Utah 84604

Clinton Moon
HC 1, Box 113
Duchesne, Utah 84021

Allen Moon
377 Hill Circle
Alpine, Utah 84004

United States Environmental
Protection Agency
Attn: Emmett Schmitz
Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2405

Utah Indian Tribe
Attn: Ferron Sacakuku
Ft. Duchesne, Utah 84026

Bureau of Indian Affairs
Attn: Charles Cameron
Uintah & Ouray Agency
Ft. Duchesne, Utah 84016

Milton Moon
8169 Short Hill Drive
Salt Lake City, Utah 84121

H. Merrill Moon
3712 North Canyon Road
Provo, Utah 84604

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

6. Lease Designation and Serial Number

I-109-IND-5351

7. Indian Allottee or Tribe Name

Ute Tribe

8. Unit or Communitization Agreement

9. Well Name and Number

Ute Tribal 3-10D

10. API Well Number

43-013-31217

11. Field and Pool, or Wildcat

Duchesne

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

1. Type of Well
 Oil Well Gas Well Other (specify) Well shut in

2. Name of Operator
 Coors Energy Company

3. Address of Operator
 PO Box 467, Golden, Colorado 80402

4. Telephone Number
 (303)278-7030

5. Location of Well
 Footage : 324' FEL, 2590' FWL, SE/SW
 OO, Sec. T., R., M. : Section 10, T4S-R4W

County : Duchesne
 State : UTAH

12. 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 _____
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Annual Status Report

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.

13. 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.)

The Ute Tribal 3-10D was permitted for use as a saltwater disposal well which has just recently been approved.

This well is presently shut in, but is in the process of conversion to saltwater disposal status.



FEB 14 1992

DIVISION OF
OIL GAS & MINING

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

Name & Signature D.S. Sprague / KR
 (State Use Only) D.S. Sprague

Manager -
 Title Engineering/Operations Date 2/7/92

INJECTION WELL APPLICATION

CHECKLIST

Applicant: COORS ENERGY CO. Well: 3-10D

Location: section 10 township 4 SOUTH range 4 WEST

API #: 43-013-31217 Well Type: disp. enhanced recov. X

If enhanced recovery has project been approved by the Board ? NO

Lease Type: INDIAN Surface Ownership: FEE

Field: DUCHESNE Unit: DUCHESNE Indian Country: NO

UIC Form 1: YES Plat: YES Wells in AOR: 4 PRODUCERS

Logs Available: YES Bond Log: YES

Casing Program: SUFFICIENT

Integrity Test: TO BE RUN AT CONVERSION

Injection Fluid: H2O

Geologic Information: SEE COMMENTS

Analyses of Injection Fluid: YES Formation Fluid: YES Compat. YES

Fracture Gradient Information: YES Parting Pressure: 1300

Affidavit of Notice to Owners: yes noticed for hearing. (9-4-91)

Fresh Water Aquifers in Area: POSSIBLY SOME FRESH WATER SANDS IN UINTA

Depth Base of Moderately Saline Water: APPROX. 250'

Reviewer: D JARVIS Date: 09-19-91

Comments & Recommendations: LIMIT INJECTION PRESSURE TO 1300 PSI. COORS REQUESTED 1400 PSI, HOWEVER STEP RATE DATA INDICATES THE PARTING PRESSURE TO BE 1300 PSI. INJECTION INTERVAL IS 6246-6262 IN THE GREEN RIVER FORMATION. APPLICATION IS FOR A PILOT WATERFLOOD. ~~COORS IS ALSO REQUESTING AN AQUIFER EXEMPTION ON THE BASIS THAT THE ZONE HAS CONTAINED HYDROCARBONS. WATER ANALYSIS INDICATE WATERS~~

prod. zones. This zone is not a USDO so does not need an aquifer exemption.



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

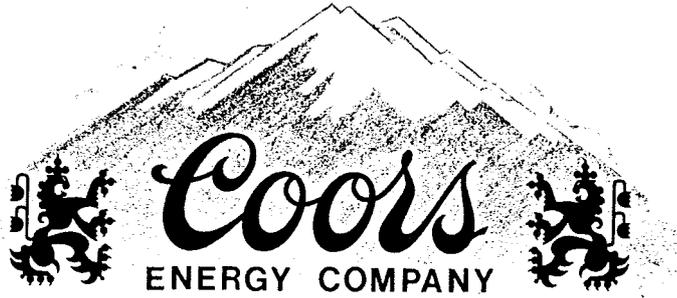
Amended Report

Well Name	Producing Zone	Days Oper	Production Volume	Gas (MSCF)	Water (BBL)
API Number Entity Location			Oil (BBL)		
UTE TRIBAL 3-29 ✓ 4301330850 10390 05S 03W 29	GRRV		14-20-H62-3518		
UTE TRIBAL 4-29 ✓ 4301330851 10390 05S 03W 29	GRRV		"		
UTE TRIBAL #1-7D ✓ 4301331198 10815 04S 04W 7	WSTC		I-107-IND-5351		
UTE TRIBAL #2-15D ✓ 4301331200 10850 04S 04W 15	GRRV				
UTE TRIBAL #2-8D ✓ 4301331199 10861 04S 04W 8	WSTC		I-109-IND-5351		
UTE TRIBAL 4-17D ✓ 4301331201 10886 04S 04W 17	WSTC		"		
UTE TRIBAL 1-10D ✓ 4301331211 10910 04S 04W 10	GR-WS		"		
UTE TRIBAL 3-10D ✓ 4301331217 10910 04S 04W 10	GRRV		"		
DUCHESSNE UTE TRIBAL #4 (WI) ✓ 4301315321 10942 04S 04W 16	UNTA		"		
UTE TRIBAL 8-16D ✓ 4301331220 10982 04S 04W 16	GRRV		"		
UTE TRIBAL 2-10D ✓ 4301331219 10984 04S 04W 10	GRRV		"		
UTE TRIBAL 7-16D ✓ 4301331221 10985 04S 04W 16	GRRV		"		
UTE TRIBAL 6-10D ✓ 4301331236 11000 04S 04W 10	GR-WS		14-20-H62-4454		
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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DIVISION OF
OIL, GAS & MINING

Page 2
Change of Operator
Duchesne County, Utah

<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
✓Ute Tribal 2-5	43-013-30824
✓Ute Tribal 2-7	43-013-30825
✓Ute Tribal 2-8	43-013-30826
✓Ute Tribal 2-8D	43-013-31199
✓Ute Tribal 2-9	43-013-30789
✓Ute Tribal 3	43-013-15319
✓Ute Tribal 3-10D	43-013-31217
✓Ute Tribal 3-20	43-013-31175
✓Ute Tribal 3-29	43-013-30850
✓Ute Tribal 3-4	43-013-30878
✓Ute Tribal 3-5-E3	43-013-30938
✓Ute Tribal 3-7	43-013-30828
✓Ute Tribal 3-8	43-013-31101
✓Ute Tribal 4	43-013-15321
✓Ute Tribal 4-10D	43-013-31226
✓Ute Tribal 4-17D	43-013-31201
✓Ute Tribal 4-18	43-013-31099
✓Ute Tribal 4-18D	43-013-30838
✓Ute Tribal 4-29	43-013-30851
✓Ute Tribal 4-4	43-013-30848
✓Ute Tribal 4-5	43-013-31306
✓Ute Tribal 4-8	43-013-31164
✓Ute Tribal 4-9	43-013-31165
✓Ute Tribal 5	43-013-15322
✓Ute Tribal 5-18	43-013-31180
✓Ute Tribal 5-29-E3	43-013-30939

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SEP 04 1992

DIVISION OF
OIL GAS & MINING

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

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

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

Very truly yours,



Doug S. Sprague
Manager
Engineering & Operations

DSS:kr

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DIVISION OF
OIL GAS & MINING

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

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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:

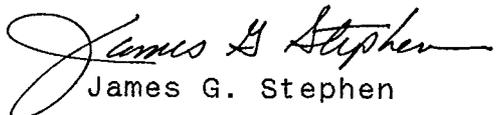
Enclosed please find a listing of wells purchased from Coors Energy Company. These are all the wells on which Evertson Oil Company, Inc. will be taking over operations effective September 1, 1992.

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



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

October 9, 1992

Bruce Evertson
Evertson Oil Company Inc.
P. O. Box 397
Kimball, Nebraska 69145

Dear Mr. Evertson:

Re: Coors Energy Company to Evertson Oil Company Inc.

Please sign and return the attached "Transfer of Authority to Inject" forms.

If you have any questions or need assistance please contact me at the number listed above.

Sincerely,

A handwritten signature in cursive script that reads "Lisha Romero".

Lisha Romero
Administrative Analyst

cc: Operator File(s)

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
IN AND FOR THE STATE OF UTAH

In the Matter of the Request for)	
Agency Action of Coors Energy Company	)	FINDINGS OF FACT AND
for an Order Approving the Conversion	)	CONCLUSIONS OF LAW
of the Ute Tribal 3-10D Well to a Pilot	)	AND ORDER
Water Injection Well in the Green River)	
Formation, Section 10, Township 4)	
South, Range 4 West, USM, Duchesne	)	Cause No. 224-1
County, Utah.)	
	)	Docket No. 91-035

Pursuant to the Request for Agency Action ("Request") of Coors Energy Company ("Petitioner"), this Cause came on for hearing before the Board of Oil, Gas and Mining at 3:00 p.m. on Wednesday, October 2, 1991 at Suite 520, 3 Triad Center, 355 West North Temple, Salt Lake City, Utah. The following Board members were present and participated at the hearing:

James W. Carter, Chairman

John M. Garr

Judy F. Leaver

E. Steel McIntyre

Kent G. Stringham

Raymond Murray

Jay Christensen.

Also present representing the Division of Oil, Gas and Mining were Dianne R. Nielson, Director, R. J. Firth, Associate Director and Thomas A. Mitchell, Assistant Attorney General and Counsel to the Board. Representing the Bureau of Land Management was Robert A. Hendricks, Chief, Branch of Fluid Minerals, Utah State Office.

Testifying on behalf of Petitioner was Robert L. Ballou, geologist. Petitioner was represented by Thomas W. Bachtell of Pruitt, Gushee & Bachtell.

Notice of the hearing was mailed, postage prepaid, to Floyd Moon, Arnold Moon, Phillip Moon, Clinton Moon, Allen Moon, Milton Moon, H. Merrill Moon, the Ute Indian Tribe, the Bureau of Indian Affairs of the Uintah and Ouray Agency, the Vernal District Office Bureau of Land Management, and the United States Environmental Protection Agency, Region VIII. No communications or statements were made in opposition to the Request, and no other parties appeared or participated in the hearing.

FINDINGS OF FACT AND CONCLUSIONS OF LAW

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties in the form and manner as required by law and the rules of the Board.
2. The Board has jurisdiction over the matters covered by the Request, and over all parties interested therein, and has jurisdiction to make and promulgate the Order hereinafter set forth. The Board was advised that the Petitioner is simultaneously making a similar proposal to the United States Environmental Protection Agency in Denver, Colorado, and that operations

will not be commenced by Petitioner until the approval of the Environmental Protection Agency is obtained, and consent has been given by the Ute Indian Tribe and the Ute Distribution Corporation.

3. The Green River formation within Section 10, Township 4 South, Range 4 West, USM, constitutes a suitable formation for the injection of water through the Ute Tribal 3-10D Well located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of the subject Section 10.

4. The injection well will be completed, equipped, operated and maintained in a manner that will prevent pollution and damage to any USDW or other resources, and will confine injected fluids to the interval approved. The evidence and data presented to the Board supports a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that would enable the injected fluid to enter any fresh water strata. The injection well is in the public interest, will promote conservation, and is designed to increased the ultimate recovery of hydrocarbons.

ORDER

After considering all testimony and evidence presented at the hearing, and the comments received from the staff of the Division, and from the Bureau of Land Management, the Board hereby enters the following Order:

1. The water injection well and project as proposed by Coors Energy Company in its Request and Exhibits is hereby approved for water injection into the Green River formation in the Duchesne field.

2. The Ute Tribal 3-10D Well located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 10, Township 4 South, Range 4 West, USM, Duchesne County, Utah, shall be the injection well, and the Ute Tribal 2-15D Well located in Section 15, and the Ute Tribal 1-10D Well located in Section 10, both wells located in the same township and range as the injection well, shall serve as the producing wells potentially affected by the water injection project.

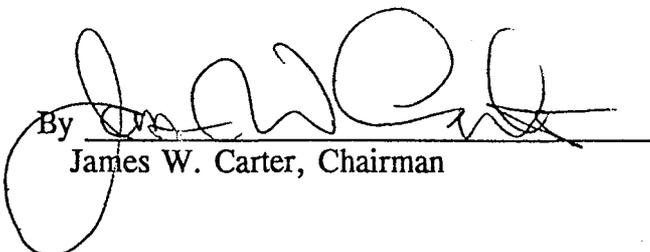
3. The water flood injection project shall commence immediately, as soon as the necessary approvals from the United States Environmental Protection Agency, Ute Indian Tribe, and Ute Distribution Corporation are obtained, and shall continue for so long as the project operator deems the project operations appropriate and effective.

4. Petitioner is ordered to monitor the project and to report results in accordance with the rules of the Division.

5. The Board retains continuing jurisdiction over all of the parties and over the subject matter of this Cause.

ENTERED into this 24th day of October, 1991.

UTAH BOARD OF OIL, GAS AND MINING

By 
James W. Carter, Chairman

RECEIVED

OCT 15 1992

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

DIVISION OF
OIL GAS & MINING

Well name and number: Ute Tribal 3-10D (SWD)
Field or Unit name: Duchesne API no. 43-013-31217
Well location: QQ SE/SW section 10 township 4S range 4W county Duchesne
Effective Date of Transfer: 9/1/92

CURRENT OPERATOR

Transfer approved by:

Name Doug Sprague Company Coors Energy Company
Signature *Doug Sprague* Address PO Box 467
Title Manager, Oil/Gas Operations Golden, CO 80402
Date 9/30/92 Phone (303) 278-7030

Comments:

NEW OPERATOR

Transfer approved by:

Name Bruce Evertson Company Evertson Oil Co., Inc.
Signature *Bruce Evertson* Address PO Box 397
Title President Kimball, NE 69145
Date 9/30/92 Phone (308) 235-4871

Comments:

(State use only)

Transfer approved by *A. Hunt* Title Well Manager
Approval Date 10-20-92 CAUSE # 224-1

EVERTSON OIL COMPANY, INC.
P.O. BOX 397
KIMBALL, NE 69145

RECEIVED

OCT 15 1992

DIVISION OF
OIL GAS & MINING

October 12, 1992

Lisha Romero
State of Utah
Division of Oil, Gas and Mining
3 Triad Center Suite 350
Salt Lake City, UT 84180-5340

Dear Ms. Romero:

Enclosed please find Transfer of Authority Form 5 from Coors Energy Company to Evertson Oil Company, Inc. effective 9-1-92.

Should you have any questions, please let me know.

Sincerely,


James G. Stephen
Comptroller

JGS/iks
/9265

enc.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LCR/GTR	✓
2- DTS/7-LCR	✓
3- VLC	✓
4- RJF	✓
5- RWM	✓
6- ADA	✓

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

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

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

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

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

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

OPERATOR CHANGE DOCUMENTATION

1. (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. (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. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) no ____ If yes, show company file number: # 163850 - Eff. 8-24-92
4. (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. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(11-25-92)*
6. Cardex file has been updated for each well listed above. *(12-3-92)*
7. Well file labels have been updated for each well listed above. *(11-25-92)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
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) (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) . Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

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 _____ 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.
- 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

9/21/25 Btm/Vernal "Operator still Coors Energy - Waiting on BIA approval."
 9/21/25 Operator changed per admin.

PETROGLYPH GAS PARTNERS, L.P.

335 NORTH WASHINGTON • SUITE 740
P.O. BOX 1807 • HUTCHINSON, KS 67504-1807
(316) 665-8500 • FAX (316) 665-5961

VIA FACSIMILE (801) 359-3940

February 16, 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

FEB 18 1994

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>43-013-31221</i>
Ute Tribal 2-18D	43-013-30881 <i>43-013-31012 / Dr.</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	43-013-30827 <i>31188</i>
Ute Tribal 2-4	43-013-30879 <i>(wid)</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>(wid) Hand 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>(wid)</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.

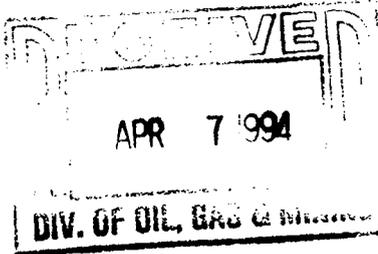
We are also notifying the BLM, BIA and the Ute Tribe regarding this change of operator. Please forward this letter to anyone in the State office who may need to have this information. If you have any questions or need further assistance, please feel free to contact me at (316) 665-8500.

Sincerely,



Angela R. Bare
Operations Administrator

ARB/ms



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS

BOND NO. B04556

COLLECTIVE BOND

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

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

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

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

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

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

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

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 cerified 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.



Margie J. Brenholt

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

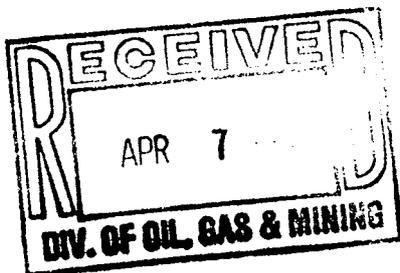


Greg E. Chilson

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. 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.

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.



Nancy 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.

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

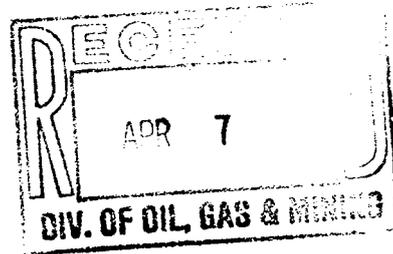
ROBERT B. MORTON
EVA POWERS*
OF COUNSEL

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial number:

1-109-IND-5351

6. If Indian, Alaska or Tribe Name:

Ute Tribal

7. Unit Agreement Name:

8. Well Name and Number:

Ute Tribal 3-10D

9. API Well Number:

43-013-31217

10. Field and Pool or Wagon:

Duchesne Field
Green River Pool

1. Type of Well: OIL GAS OTHER:

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

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

4. Location of Well
Footage: 324' FEL & 2590' FWL
CO. Sec., T., R., M.: SESW 10-T4S-R4W U.S.M.

County: Duchesne

State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other Change of Operator

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

Approximate date ~~WORKING~~ of change: 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. Name & Signature: EVERTSON OIL COMPANY, INC. [Signature] Title: V. President Date: 2/25/94

BRUCE P. EVERTSON

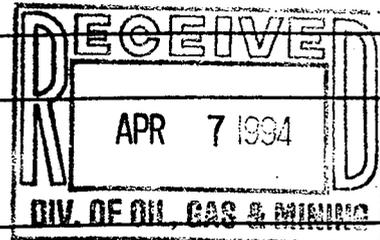
(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

DESIGNATION OF AGENT OR OPERATOR

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

LEASE NAME: UTE TRIBAL
LEASE NUMBER: 1-109-IND-5351



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.)

T4S-R4W, U.S.M. SEC. 7 ALL; SEC. 8 ALL; SEC. 9 S/2; SEC. 10 S/2; SEC. 15 N/2; SEC. 16 ALL; SEC. 17 ALL; SEC. 18 ALL

UTE 1-7D, 43-013-31198; UTE 2-8D, 43-013-31199; UTE 1-10D, 43-013-31211; UTE 2-10D, 43-013-31219; UTE 3-10D, 43-013-31217; UTE 4-10D, 43-013-31226; UTE 1-15D, 43-013-30712; UTE 2-15D, 43-013-31200; UTE 6-16D, 43-013-31204; UTE 7-16D, 43-013-31221; UTE 8-16D, 43-013-31220; UTE 14-16D, 43-013-31337; UTE 4-17D, 43-013-31201; UTE 2-18D, 43-013-31212; UTE 4-18D, 43-013-30838; UTE #1, 43-013-20045; UTE #3, NO API AVAILABLE; UTE #5, NO API AVAILABLE; UTE #6, 43-013-15323; UTE #7, 43-013-15324

DUCHESNE COUNTY, UTAH

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

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

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

Effective Date of Designation: 3-1-94

BY: (Name) ROBERT C. MURDOCK
(Signature) [Signature]
(Title) PRESIDENT OF PETROGLYPH ENERGY, INC.
(Phone) 316-665-8500

PETROGLYPH GAS PARTNERS, L.P.
OF: (Company) BY PETROGLYPH ENERGY, INC.,
GENERAL PARTNER
(Address) P. O. BOX 1807
Hutchinson, KS 67504-1807

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

DESIGNATION OF AGENT OR OPERATOR

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

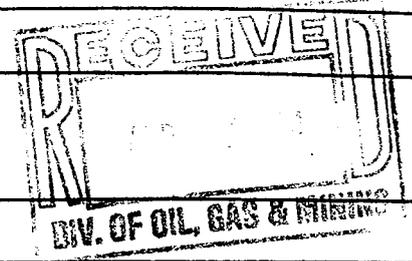
LEASE NAME: UTE TRIBAL

LEASE NUMBER: 1-109-IND-5351

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 the designation is applicable, and identify each applicable oil and gas well by name and API number. Attach additional pages as needed.)

T4S-R4W, U.S.M. SEC. 7 ALL; SEC. 8 ALL; SEC. 9 S/2; SEC. 10 S/2; SEC. 15 N/2; SEC. 16 ALL; SEC. 17 ALL; SEC. 18 ALL

UTE 1-7D, 43-013-31198; UTE 2-8D, 43-013-31199; UTE 1-10D, 43-013-31211; UTE 2-10D, 43-013-31219; UTE 3-10D, 43-013-31217; UTE 4-10D, 43-013-31226; UTE 1-15D, 43-013-30712; UTE 2-15D, 43-013-31200; UTE 6-16D, 43-013-31204; UTE 7-16D, 43-013-31221; UTE 8-16D, 43-013-31220; UTE 14-16D, 43-013-31337; UTE 4-17D, 43-013-31201; UTE 2-18D, 43-013-31212; UTE 4-18D, 43-013-30838; UTE #1, 43-013-20045; UTE #3, NO API AVAILABLE; UTE #5, NO API AVAILABLE; UTE #6, 43-013-15323; UTE #7, 43-013-15324

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) KYLE R. MILLER

(Signature) *K Miller*

(Title) President

(Phone) 303-292-0900

OF: (Company) INLAND RESOURCES INC.

(Address) 475 Seventeenth St., Suite 1500

Denver, CO 80202

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:		5. Lease Description and Serial Number: 1-109-IND-5351
2. Name of Operator: PETROGLYPH OPERATING COMPANY, INC.		6. If Indian, Allottee or Tribe Name: Ute Tribal
3. Address and Telephone Number: P. O. BOX 1807, Hutchinson, KS 67504-1807 316-665-8500		7. Unit Agreement Name:
4. Location of Well Footprint: 324'FEL & 2590'FWL CO. Sec., T., R., M.: SESW 10-T4S-R4W U.S.M.		8. Well Name and Number: Ute Tribal 3-10D
		9. API Well Number: 43-013-31217
		10. Field and Pool, or Wapacc: Duchesne Field Green River Pool
		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 ~~XXXXXX~~ 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 _____ | |

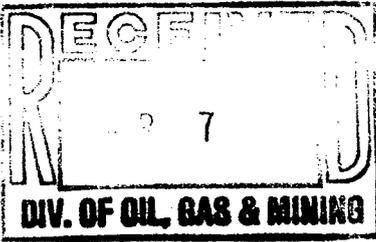
Date of work completion _____
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LDG form.
* Must be accompanied by a cement verification report.

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

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



12. PETROGLYPH OPERATING COMPANY, INC.
Name & Signature: [Signature] Title: President Date: 2-25-94
R. A. CHRISTENSEN
(This space for State use only)



SURETY PERFORMANCE BOND

U.S. Environmental Protection Agency
Underground Injection Control
Financial Responsibility Requirement

BOND COVERS THE PLUGGING OF INJECTION WELLS

Date bond executed: March 23, 1994

Effective date: March 23, 1994

Principal: Petroglyph Operating Company, Inc.
(Legal name of owner or operator)

335 North Washington, Suite 170, Hutchinson, KS 67501
(Business address of owner or operator)

Type of organization: Corporation
(Individual, joint venture,
partnership, or corporation)

State of incorporation: Kansas

Surety(ies): Planet Indemnity Company
(Name)

410 Seventeenth Street, Suite 1675, Denver, CO 80202
(Business address)

EPA identification number, name, address, and plugging and abandonment amount(s) for each injection well guaranteed by this bond. (Indicate plugging and abandonment amounts for each well. Attach separate list if necessary.)

<u>Injection Well Information</u>	<u>Plugging & Abandonment Amount</u>
<u>Ute Tribal 3-10 D, SE4/SW4 Sec 10-4S-4W,</u> <u>Duchesne County, Utah</u>	<u>\$15,000.00</u>
<u>Friar Ute Tribal 4, NE4/SW4 Sec 19-4S-4W,</u> <u>Duchesne County, Utah</u>	<u>\$15,000.00</u>
<u>Ute Tribal 2-4, SW4/NE4 Sec 4-5S-3W</u> <u>Duchesne County, Utah</u>	<u>\$15,000.00</u>

Total penal sum of bond: \$ 45,000.00

Surety's bond number: B04570

KNOW ALL PERSONS BY THESE PRESENTS, That we, the Principal and Surety(ies) hereto are firmly bound to the U.S. Environmental Protection Agency (hereinafter called EPA), in the above penal sum for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally; provided that, where the Surety(ies) are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be the full amount of the penal sum.

WHEREAS said Principal is required, under the Underground Injection Control Regulations, as amended, to have a permit or comply with provisions to operate under rule for each injection well identified above, and

WHEREAS said Principal is required to provide financial assurance for plugging and abandonment as a condition of the permit or approval to operate under rule, and

WHEREAS said Principal shall establish a standby trust fund as is required when a surety bond is used to provide such financial assurance;

NOW, THEREFORE, the conditions of this obligation are such that if the Principal shall faithfully perform plugging and abandonment, whenever required to do so, of each injection well for which this bond guarantees plugging and abandonment, in accordance with the plugging and abandonment plan and other requirements of the permit or provisions for operating under rule as may be amended, pursuant to all applicable laws, statutes, rules and regulations, as such laws, statutes, rules, and regulations may be amended,

Or, if the Principal shall provide alternate financial assurance as specified in Subpart F of 40 CFR 144, and obtain the EPA Regional Administrator's written approval of such assurance, within 90 days after the date of notice of cancellation is received by both the Principal and the EPA Regional Administrator(s) from the Surety(ies), then this obligation shall be null and void. Otherwise it is to remain in full force and effect.

The Surety(ies) shall become liable on this bond obligation only when the Principal has failed to fulfill the conditions described above.

Upon notification by an EPA Regional Administrator that the Principal has been found in violation of the plugging and

abandonment requirements of 40 CFR 144, for an injection well which this bond guarantees performances of plugging and abandonment, the Surety(ies) shall either perform plugging and abandonment in accordance with the plugging and abandonment plan and other permit requirements or provisions for operating under rule and other requirements or place the amount for plugging and abandonment into a standby trust fund as directed by the EPA Regional Administrator.

Upon notification by an EPA Regional Administrator that the Principal has failed to provide alternate financial assurance as specified in Subpart F of 40 CFR 144, and obtain written approval of such assurance from the EPA Regional Administrator(s) during the 90 days following receipt by both the Principal and the EPA Regional Administrator(s) of a notice of cancellation of the bond, the Surety(ies) shall place funds in the amount guaranteed for the injection well(s) into the standby trust fund as directed by the EPA Regional Administrator.

The Surety(ies) hereby waive(s) notification of amendments to plugging and abandonment plans, permits, applicable laws, statutes, rules, and regulations and agrees that no such amendment shall in any way alleviate its (their) obligation on this bond.

The liability of the Surety(ies) shall not be discharged by any payment or succession of payments hereunder, unless and until such payment or payments shall amount in the aggregate to the penal sum of the bond, but in no event shall the obligation of the Surety(ies) hereunder exceed the amount of said penal sum.

The Surety(ies) may cancel the bond by sending notice by certified mail to the owner or operator and to the EPA Regional Administrator(s) for the Region(s) in which the injection well(s) is (are) located, provided, however, that cancellation shall not occur during the 120 days beginning on the date of receipt of the notice of cancellation by both the Principal and the EPA Regional Administrator(s), as evidenced by the return receipts.

The Principal may terminate this bond by sending written notice to the Surety(ies); provided, however, that no such notice shall become effective until the Surety(ies) receive(s) written authorization for termination of the bond by the EPA Regional Administrator(s) of the EPA Region(s) in which the bonded injection well(s) is (are) located.

(The following paragraph is an optional rider that may be included but is not required.)

Principal and Surety(ies) hereby agree to adjust the penal sum of the bond yearly so that it guarantees a new plugging and abandonment amount, provided that the penal sum does not increase by more than 20% in any one year, and no decrease in the penal

sum takes place without the written permission of the EPA Regional Administrator(s).

In WITNESS WHEREOF, The Principal and Surety(ies) have executed this Performance Bond and have affixed their seals on the date set forth above.

The persons whose signatures appear below hereby certify that they are authorized to execute this surety bond on behalf of the Principal and Surety(ies) and that the wording on this surety bond is identical to the wording specified in 40 CFR 144.70(c) as such regulation was constituted on the date this bond was executed.

PRINCIPAL:

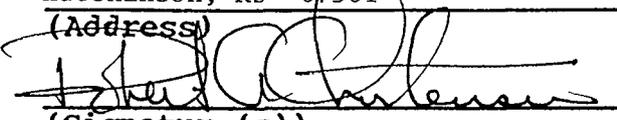
CORPORATE SURETY(IES)

Petrolglyph Operating Company, Inc.

(Name)

335 North Washington, Suite 170
Hutchinson, KS 67501

(Address)



(Signature(s))

Robert A. Christensen, President

(Title(s))

Planet Indemnity Company

(Name)

410 Seventeenth Street, Suite 1675
Denver, CO 80202

(Address)



(Signature(s))

Roy C. Die, Attorney-in-Fact

(Title(s))

Corporate Seal

Corporate Seal

State of Incorporation

Colorado

State of Incorporation

\$
Bond Premium

\$ 504,000.00
Liability Limit

(For every co-surety, provide signature(s), corporate seal, and other information in the same manner as for Surety above.)

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***** 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

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.



Mingie J. Brenner

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 March, 1994

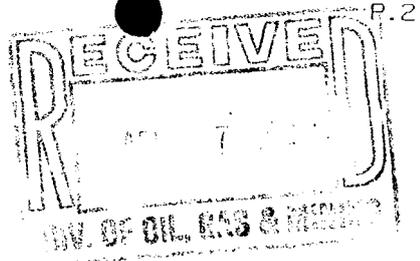


Greg E. Chilson

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

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Ute Tribal 3-10D (SWD)
Field or Unit name: Duchesne API no. 43-013-31217
Well location: QQ SE/SW section 10 township 4S range 4W county Duchesne
Effective Date of Transfer: 3-1-94

CURRENT OPERATOR

Transfer approved by:
Name Phillip A. Kriz Company Evertson Oil Company, Inc.
~~Bruce Evertson~~
Signature Address P.O. Box 397
Title President Kimball, NE 69145
Date 2/25/94 Phone (308) 278-4871

Comments:

NEW OPERATOR

Transfer approved by:
Name R. A. Christensen Company Petroglyph Operating Company, Inc.
Signature Address P.O. Box 1807
Title President Hutchinson, KS 67504-1807
Date 2.25.94 Phone (316) 665-8500

Comments:

(State use only)
Transfer approved by Title UIC Manager
Approval Date 8-29-94

* Appr. Copies mailed both operators. *JLC*

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

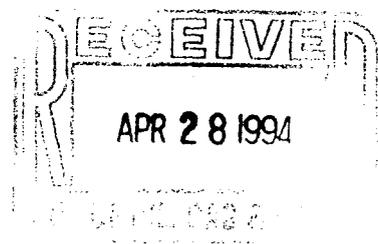
VERNE M. LAING
RETIRED

LESTER L. MORRIS
1901-1966

FERD E. EVANS, JR.
1919-1991

April 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

TOPEKA OFFICE

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3162.3
(UT08438)

JUN 8 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

troglyph - 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

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

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 7-29 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

Township 4 South, Range 4 West, USM

<u>Lease No.</u>	<u>Section No.</u>	<u>Well Name</u>	<u>Location</u>
4-20-H62-4446	3	✓Ute Tribal 1-3D	SESE
4-20-H62-4453	22	✓Ute Tribal 1-22D	NENW
4-20-H62-4454	10	✓Ute Tribal 6-10D	SENE
4-20-H62-4455	21	✓Ute Tribal 1-21D	NENW
4-20-H62-4465	20	✓Ute Tribal 1-20D	NWNE
4-20-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 <i>noted</i>	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	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
I-109-IND-5351

6. If Indian, Allottee or Tribe Name
Ute Tribal

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.
Ute Tribal 3-10D

9. API Well No.
43-013-31217

10. Field and Pool, or Exploratory Area
Duchesne

11. County or Parish, State
Duchesne County, Utah

SUBMIT IN TRIPLICATE

Type of Well
 Oil Well Gas Well Other

Name of Operator
Petroglyph Operating Company, Inc.

Address and Telephone No.
P.O. Box 1839 Hutchinson, KS 67504-1839 (316) 665-8500

Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE SW Sec. 10-T4S-R4W
324' FEL 2590' FWL

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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

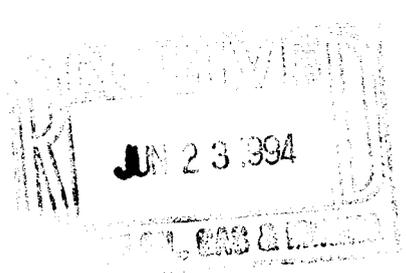
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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 are results of MIT on referenced well. This well is being converted to service as a salt water disposal well. Injection commencing on 6-20-94. Last MIT 12/11/91. This MIT 6-15-94.

TIME	PSIG
0	500
5	500
10	500
15	500
20	495
25	495
30	495
35	490
40	490
45	490

Tubing pressure = 0 psig
Well passed.
EPA Permit # Ute 2573-03514



I hereby certify that the foregoing is true and correct

Signed [Signature] Title President Date 6-20-94

(This space for Federal or State office use)

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

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

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special in-

structions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedure and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

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 13—Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive

zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(a) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE — The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

- (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.
- (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2).
- (3) Analyze future applications to drill or modify operations in light of data obtained and methods used.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION — Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

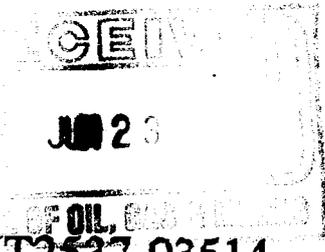
This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.



Mechanical Integrity Test Casing or Annulus Pressure Test for Well UT2537-03514

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466
This form was printed on 06/10/94.

EPA Witness: NONE Date 06/15/94 Time 12:45 am/pm

Test conducted by: LLOYD

Others present: _____

Petroglyph Operating Company, Inc., Hutchinson, KS	Op ID PET05
UTE TRIBAL 3-10 D	2D TA as of 01/01/93
DUCHESNE	SESW 10 04S 04W
Indian? Yes, UINTAH-OURAY	Compliance staff: WILLIAMS

Last MIT: Passed **12/11/91** Not witnessed by EPA

Time (minutes)	Test #1	Test #2	Test #3
0	<u>500</u> psig	_____ psig	_____ psig
5	<u>500</u>	_____	_____
10	<u>500</u>	_____	_____
15	<u>500</u>	_____	_____
20	<u>495</u>	_____	_____
25	<u>495</u>	_____	_____
30	<u>495</u>	_____	_____
35	<u>490</u>	_____	_____
40	<u>490</u>	_____	_____
45	<u>490</u>	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60	_____	_____	_____

Tubing pressure 0 psig _____ psig _____ psig

Result(circle) **Pass** Fail Pass Fail Pass Fail

Signature of _____ Witness: Don Lindsey

See back of page for any additional comments and compliance followed.

ENTITY REVIEW

- See* 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) *(2/75,000 BIA & 3/15,000 EPA)*

- N/A* *See* 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

- u/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 9/8/94*
- u/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: September 14 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

940829 2-4 & 3-100 Aprv. BIA/B/m 6-30-94

#4 Aprv. BIA/Blm 8-22-94.

(All other wells handled on separate changes.)

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____
(Location) Sec _____ Twp _____ Rng _____
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other
Oper. Chg. _____

1. Date of Phone Call: 7-28-94 Time: 10:00

2. DOGM Employee (name) J. Cordova (Initiated Call
Talked to:
Name Charlie Cameron (Initiated Call - Phone No. (801) 722-2406
of (Company/Organization) BIA / Wintah & Outay

3. Topic of Conversation: Bonding 3/WIC wells
(2-4/wiw, 3-10D/wdw, 4/wdw)

4. Highlights of Conversation: _____
Btm Aprvd. 2-4 & 3-10D / BIA bond \$75,000, EPA bond \$45,000/B04570
* No aprv. #4/wdw (No individual sundries, on other doc & WIC F5) EPA Bond B04570
(Btm/BIA Aprv. e# 8-22-94)

* 940729 BIA/Charlie Cameron

2/\$75,000 Bonds are in place w/BIA, as far as the 3/WIC wells
in question, he is not absolutely sure whether or not BIA/bonds
will cover the wells. DOGM may want to pursue add'l bond
coverage. He can give us a definite reply within the next
2-3 weeks. I informed him of bonding w/EPA of which
he was not aware of.

* 940824 Charlie Cameron / BIA Unable to give a definite answer at this time.

* 940829 DOGM/WIC Additional bonding not necessary at this time.

RECEIVED
OCT 23 1994

n 3160-5
e 10

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
I-109-IND-5351

6. If Indian, Allottee or Tribe Name
Ute Tribal

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.
Ute Tribal 3-10D

9. API Well No.
43-013-31217

10. Field and Pool, or Exploratory Area
Duchesne

11. County or Parish, State
Duchesne County, Utah

SUBMIT IN TRIPLICATE

Type of Well
 Oil Well Gas Well Other

Name of Operator
Petroglyph Operating Company, Inc.

Address and Telephone No.
P.O. Box 1839 Hutchinson, KS 67504-1839 (316) 665-8500

Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE SW Sec. 10-T4S-R4W
324' FEL 2590' FWL

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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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 are results of MIT on referenced well. This well is being converted to service as a salt water disposal well. Injection commencing on 6-20-94. Last MIT 12/11/91. This MIT 6-15-94.

TIME	PSIG
0	500
5	500
10	500
15	500
20	495
25	495
30	495
35	490
40	490
45	490

Tubing pressure = 0 psig
Well passed.
EPA Permit # Ute 2573-03514

OCT 3

I hereby certify that the foregoing is true and correct

Signature: *[Signature]*

Title: President

Date: 6-20-94

(Space for Federal or State Official Use)
NOTED

Approved by: _____

Title: _____

Date: JUN 30 1994

Conditions of approval, if any:

RECEIVED

JUN 23 1994

Mechanical Integrity Test Casing or Annulus Pressure Test for Well UT2537-03514

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466
This form was printed on 06/10/93.

EPA Witness: NONE Date 06/15/94 Time 12:45 am/pm

Test conducted by: LLOYD

Others present: _____

Petroglyph Operating Company, Inc., Hutchinson, KS	Op ID PET05
UTE TRIBAL 3-10 D	2D TA as of 01/01/93
DUCHESNE	SESW 10 04S 04W
Indian? Yes, UINTAH-OURAY	Compliance staff: WILLIAMS

Last MIT: Passed <u>12/11/91</u> Not witnessed by EPA	Test #1	Test #2	Test #3
Time (minutes)			
0	<u>500</u> psig	_____ psig	_____ psig
5	<u>500</u>	_____	_____
10	<u>500</u>	_____	_____
15	<u>500</u>	_____	_____
20	<u>495</u>	_____	_____
25	<u>495</u>	_____	_____
30	<u>495</u>	_____	_____
35	<u>490</u>	_____	_____
40	<u>490</u>	_____	_____
45	<u>490</u>	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60	_____	_____	_____

Tubing pressure 0 psig _____ psig _____ psig

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of _____ Witness: Don Lindsey

RECEIVED JUL 5 1994

RECEIVED
MAR 29 2010
DIV. OF OIL, GAS & MINING

March 25, 2010

DOGM
ATTN: Dan Jarvis
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114

43 O13 31217
4S 4W 10

UIC Permit #UT2736-03514
Well ID: UTE TRIBAL 3-10D
Ute Tribal No. 3-10D, Duchesne County, Utah

Dear Mr. Jarvis,

Please find enclosed the successful MIT test on the above referenced well. This test was performed to provide proof of integrity after we x-out joint # 83 from surface, it was collapsed and leaking. We ran a new packer, psi tested the tubing, pumped packer fluid, and conducted successful casing MIT.

Sincerely,



Jason Bywater
Production Superintendent

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

RECEIVED
 MAR 29 2010
 DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 3.12.2010
 Test conducted by: CHAD STEVENSON
 Others present: _____

Well Name: <u>3-10D</u>	Type: ER SWD	Status: AC TA UC
Field: <u>DUCHESNE</u>		
Location: <u>3-10D</u> Sec: _____ T _____ N/S R _____ E/W	County: <u>DUCHESNE</u> State: <u>UT</u>	
Operator: <u>PETROGLYPH</u>		
Last MIT: <u>1 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: _____ psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING PRESSURE				
Initial Pressure	<u>0</u> psig			
End of test pressure	<u>0</u> psig			
CASING/TUBING ANNULUS PRESSURE				
0 minutes	<u>1140</u> psig			
5 minutes	<u>1140</u> psig			
10 minutes	<u>1140</u> psig			
15 minutes	<u>1140</u> psig			
20 minutes	<u>1140</u> psig			
25 minutes	<u>1140</u> psig			
30 minutes	<u>1140</u> psig			
<u>2 Hour</u> minutes	<u>1140</u> psig			
minutes	psig			
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail			

PRINTED IN U.S.A.

**CALIBRATED
CHARTS**
BATAVIA, N.Y.

METER NUMBER
3-100
TIME PUT ON
12:00 M.
DATE PUT ON
5-19-70

TUBE & DRIF. SIZE
TIME TAKEN OFF
2:00 P.M.
DATE TAKEN OFF
5-19-70

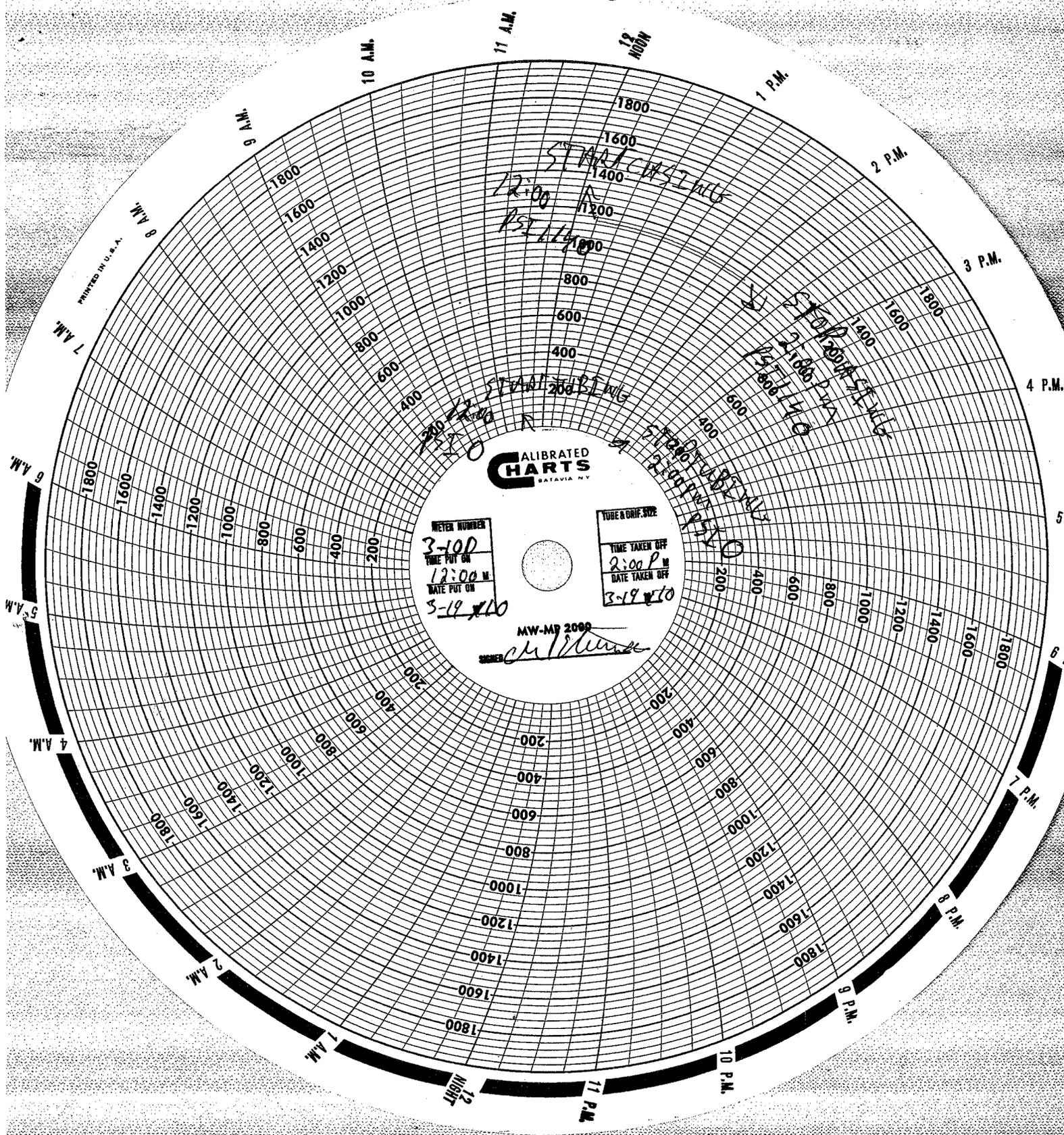
MW-MP 2000

Chilton

START CASE 1166
12:00
157 1166

STOP 200A-5T-1166
2:00 P.M.
157 1166

STOP 200B-5T-1166
2:00 P.M.
157 1166

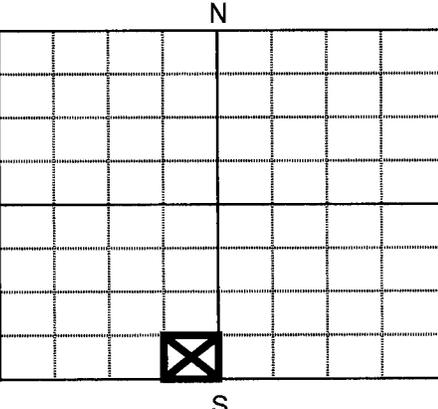


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460



WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE Petroglyph Operating Company, Inc. P.O. Box 607 Roosevelt, Ut 84066	NAME AND ADDRESS OF CONTRACTOR Petroglyph Operating Company, Inc. P.O. Box 607 Roosevelt, Ut 84066
---	--

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT -- 640 ACRES 	STATE UT	COUNTY Duchesne	PERMIT NUMBER UT 2573-03514
---	--------------------	---------------------------	---------------------------------------

SURFACE LOCATION DESCRIPTION
SE 1/4 OF SE 1/4 OF SW 1/4 OF SEC. 10 TS4S R4W

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
385' FSL & 2197' FWL

WELL ACTIVITY <input checked="" type="checkbox"/> BRINE DISPOSAL <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage	Total Depth Before Rework PBSD 6365' Total Depth After Rework PBSD 6365' Date Rework Commenced 3/11/2010 Date Rework Completed 3/18/2010	LEASE NAME Ute Tribal TYPE OF PERMIT <input type="checkbox"/> Individual <input checked="" type="checkbox"/> Area Number of Wells 1 Well Number 3-10D
--	---	--

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8 5/8"	377'	275	G	NA	NA	
5 1/2"	6769'	700/770	LITE/50-50 POZMIX	6652'	6674'	99,000# sand frac. / plugged back
				6246'	6262'	105,000# sand frac.

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						Same as above

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY x-out jt. #83 from surface collapsed and leaking / run new pkr / psi test tbg./pump pkr. fluid/ conduct successful csg. MIT.	WIRE LINE LOGS, LIST EACH TYPE	
	Log Types	Logged Intervals
	DNL	6757'-393'
	DUAL LATERLOG	6757'-393'
	CBL 11/29/88 & 11/16/91	6698'-SURF. &6085'-30,

CERTIFICATION

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

NAME AND OFFICIAL TITLE <i>(Please type or print)</i> JASON BYWATER REGIONAL MANAGER	SIGNATURE	DATE SIGNED
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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: I-109-IND-5351
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Water Disposal Well	8. WELL NAME and NUMBER: UTE TRIBAL 3-10D
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO	9. API NUMBER: 43013312170000
3. ADDRESS OF OPERATOR: 960 Broadway Avenue, Ste 500 , Boise, ID, 83703	PHONE NUMBER: 208 685-7685 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0324 FSL 2590 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 10 Township: 04.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: DUCHESNE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/16/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Please see attached.

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

Date: _____

By: *Dark K. Quist*
 October 15, 2015

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A	DATE 10/15/2015	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013312170000

A 100' cement plug should be placed inside the 5 1/2" casing across the surface casing shoe from 425' to 325'.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER: I-109-IND-5351
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>SWD</u>			7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Petroglyph Operating Company Inc.			8. WELL NAME and NUMBER: Ute Tribal 3-10D
3. ADDRESS OF OPERATOR: P.O. Box 607 CITY <u>Roosevelt</u> STATE <u>UT</u> ZIP <u>84066</u>		PHONE NUMBER: (435) 722-2531	9. API NUMBER: 4301331217
4. LOCATION OF WELL FOOTAGES AT SURFACE: 385' FSL, 2197' FWL			10. FIELD AND POOL, OR WILDCAT: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 10 4S 4W U			COUNTY: Duchesne
			STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>11/16/2015</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

On or about 11/16/2015 depending on equipment availability, Petroglyph Operating intends to plug and abandon the well referenced above. This well was drilled to a TD of 6770', plugged back to 6365' with perforations at 6246'-6262'. The 5-1/2" production casing was cemented with 40 sx returned to surface, estimated top of cement is at surface, the 8-5/8" surface casing was set at 377' and cemented with returns to surface; USDW is @ 3250'. We plant to rig up flow back equipment and flow the well back as needed, rig up, tear down well head and rig up BOP. Release the injection packer and pull the tubing. Then RIH with good tubing and pressure test the casing for mechanical integrity, POOH. PU & MU bit and scraper and make a bit and scrapper run past all perforations to PBTD, 6365', circulate and clean well and pull back out of the hole. RIH and set a cement retainer @ 6210', sting into the retainer and squeeze cement into perms, leaving a 150' plug in the casing below the retainer and leaving the retainer in place. We will spot a 100' balanced plug on top of retainer then pull out and set a CIBP @ 3370' and spot a 220' balanced plug. We then plan to cement from surface 100' of both casing strings, cut the casing strings 3' below graded ground and weld on a data plate with a 1/4" weep hole and the location reclaimed.

NAME (PLEASE PRINT) Rodrigo Jurado TITLE Regulatory Compliance Specialist
SIGNATURE  DATE 10/15/2015

(This space for State use only)



United States Environmental Protection Agency
Washington, DC 20460

WELL REWORK RECORD

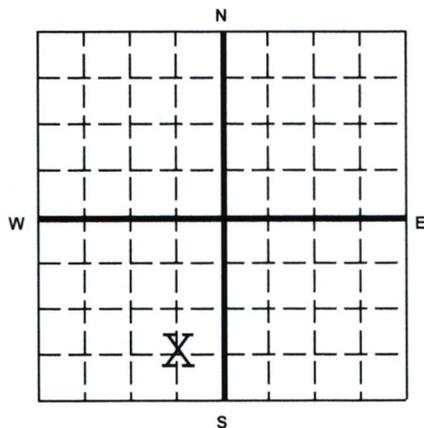
Name and Address of Permittee

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

Name and Address of Contractor

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

Locate Well and Outline Unit on
Section Plat - 640 Acres



State Utah	County Duchesne	Permit Number UT2573-03514
Surface Location Description 1/4 of 1/4 of SE 1/4 of SW 1/4 of Section 10 Township 4S Range 4W		
Locate well in two directions from nearest lines of quarter section and drilling unit Surface Location ft. frm (N/S) S Line of quarter section and ft. from (E/W) W Line of quarter section.		
WELL ACTIVITY <input checked="" type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage Lease Name Ute Tribal	Total Depth Before Rework PBTD 6365' Total Depth After Rework 3' (Casing cut 3' BGL) Date Rework Commenced 11/16/2015 Date Rework Completed	TYPE OF PERMIT <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells 1 Well Number 3-10D

WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8-5/8"	377	275	G	NA	NA	Surface Casing
5-1/2"	6770	700/770	G	6652	6674	99,000# Sand Frac/Plugged Back, CIBP 6365'
				6246	6262	105,000# Sand Frac

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

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8-5/8"	377	275	G	NA	NA	Filled with 100' of Cement from Surface
5-1/2"	6770	700/770	G	6650	6674	Plugged Back, CIBP 6365
Retainer	6210	25		6246	6262	Set Retainer, Squeeze & leave casing full cement
Bal Plug	6110	17				Spot 100' Balanced Plug on top of cement retainer
CIBP/Plug	3150	35				Set CIBP 3370, Spot 220' Balanced Plug on top
	Surface	25				Fill 100' of all casing strings from surface

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)

Rodrigo Jurado

Signature

Date Signed

10/15/2015

