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DIVISION OF  
OIL, GAS & MINING

September 6, 1988

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

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 3-15D  
Section 15, 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

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

BHPL (Revised 11/81)  
(Other versions on  
reverse side)

3. Lease Designation and Serial No.

I-109-IND-5351

6. If Indian, Altiuteo or Tribe Name  
Ute Tribe

7. Unit Agreement Name

8. Form or Lease Name  
Ute Tribal

9. Well No.  
3-15D

10. Field and Pool, or Wildcat

✓ Duchesne

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

Sec. 15, T4S-R4W

12. County or Parish 13. State  
Duchesne Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

1b. Type of Well

Oil Well

Gas Well

Other

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

1940' -2000' FNL, 925' FWL SW/NW

At proposed prod zone

same

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

approximatley 3-1/2 miles southeast of Duchesne

13. Distance from proposed location to nearest property or lease line ft

925'

16. No. of acres in lease

4150.06

17. No. of acres assigned to this well

--- 40 ---

12. Distance from proposed location\* to nearest well, filling, completed, or applied for this lease ft

1142'

19. Proposed depth

8315

20. Rotary or cable tools

rotary

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

5833' GL

22. Approx. date work will start\*

September 1988

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	10-3/4"	40/50#	700	550 sx
9-7/8"	7-5/8"	26.40/29.70#	7000	1800 sx
6-3/4"	5" liner	15.00#	8315	300 sx

- This well will be spudded in the Uintah Formation.
- Estimated Top Green River Upper Douglas Creek 5430', est. Wasatch Formation 6910'
- Oil and gas is expected in the Green River and Wasatch Formations. No aquifers or other mineral zones are anticipated. Maximum expected BHP is 5900 psi.
- The proposed circulating medium will be 3% KCL water or a low-solids, non-dispersed mud. Mud weights up to 14#/gal are anticipated.
- Auxiliary equipment: float will be run in the drill string, a full opening valve to fit the drill string will be on the rig floor at all times. Kelly cock valves will be used.
- Sidewall coring and drill stem tests may be run in potential pay zones.
- No abnormal temperatures or potential hazards are expected; however, high pressures are anticipated in the Wasatch Formation, see a copy of the BOP diagram to be used on this well, Exhibit J.
- Duration of operations will be approximately 30 days.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.

Subscribed R.L. Martin

Title - VP O/G Operations

Date - 9/06/88

Permit No.

Approval Date

Approved by

Title

Date

Conditions of approval if any:

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\*See Instructions On Reverse Side



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DIVISION OF  
OIL, GAS & MINING

September 6, 1988

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

Attn: Mr. Don Elvord

Dear Mr. Elvord:

Attached for your information are five copies of the Application for Permit to Drill the following well:

Ute Tribal 3-15D  
Section 15, 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,

A handwritten signature in cursive script, appearing to read "R. L. Martin".

R. L. Martin  
Vice President  
Oil & Gas Operations

RLM:jf  
Attachments

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DIVISION OF  
OIL, GAS & MINING

September 6, 1988

Ute Tribal Headquarters  
Energy Minerals  
PO Box 190  
Fort Duchesne, Utah 84026

Attn: Mr. Jason Cuch

Dear Mr. Cuch:

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

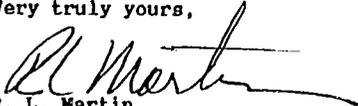
Ute Tribal 3-15D  
Section 15, T4S-R4W  
Duchesne County, Utah

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

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DIVISION OF  
OIL, GAS & MINING



September 6, 1988

Bureau of Indian Affairs  
Uintah & Ouray Indian Agency  
Fort Duchesne, Utah 84026

Attn: Mr. Roland McCook

Dear Mr. McCook:

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

Ute Tribal 3-15D  
Section 15, 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

RLN:jf  
Attachments

**MULTIPOINT SURFACE USE PLAN**  
**COORS ENERGY COMPANY**  
**UTE TRIBAL 3-15D**  
**SECTION 15, T4S-R4W, SW/NW**  
**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

Access to the Coors Ute Tribal 3-15D 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 1.23 miles to the entrance of the access road of the Ute Tribal 3-15D. Turn left (north) on to the access road and drive 317 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 317 in length, 30' ROW with an 18' running surface maximum. The maximum grade will be 4%, no

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ENGINEERING

2. PLANNED ACCESS ROAD, Continued

turnouts are required, the road will be ditched on both sides with borrow 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 Philip Moon.

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.

3. LOCATION OF EXISTING WELLS - See Exhibit G

Within a 1-mile radius of this proposed well, there are two (2) producing wells:

Coors Ute Tribal 2-15D and Friar Oil Company's Tribal #3.

There is one (1) completing well: Coors Ute Tribal 1-10D.

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

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.

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DEPARTMENT OF  
GEOLOGY & MINING

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.

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 northeast 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 235' x 375' 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 southwest 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.

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4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES, Continued

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.

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 northeast 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.

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. All trash and garbage will be placed in a trash cage and hauled from the location to an appropriate disposal site. The pit will be fenced as per statements in Section 4. A chemical toilet will be installed during drilling operations.

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

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

8. ANCILLARY FACILITIES

None will be required.

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COORS ENERGY COMPANY  
GEORGETOWN, N.D.

9. WELL SITE LAYOUT - See Exhibit B

Attached is a diagram showing the proposed wellsite layout.

10. PLANS FOR RESTORATION OF SURFACE - See Exhibit B

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

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

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.

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U. T. TRIBAL  
OFFICE

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OIL, GAS & MINING

10. PLANS FOR RESTORATION OF SURFACE, Continued

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 Philip Moon 48 hours prior to starting rehabilitation procedures.

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

The Ute Tribal 3-15D is located approximately 3-1/2 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.

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").

Page 7  
Multipoint Surface Use Plan  
Ute Tribal 3-15D  
Coors Energy Company

OTHER INFORMATION, Continued

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"

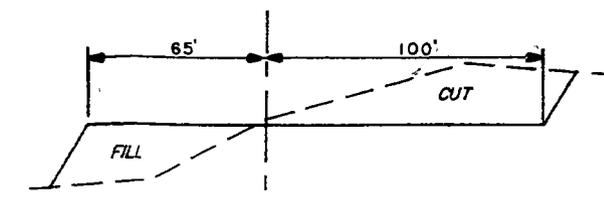
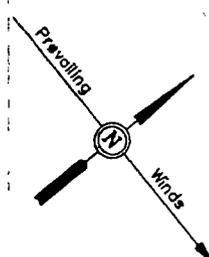
JF

SEP 09 1988

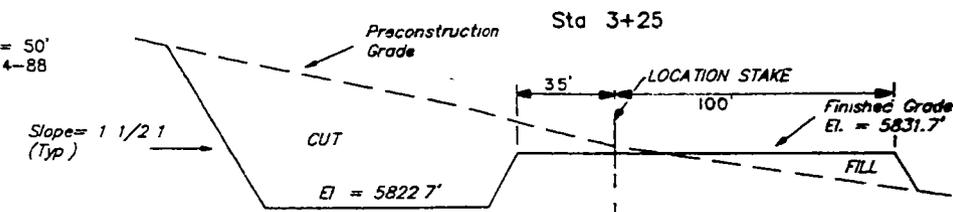
DIVISION OF  
OIL, GAS & MINING

**COORS ENERGY CO.**  
**LOCATION LAYOUT FOR**  
**UTE TRIBAL #3-15D**  
**SECTION 15, T4S, R4W, U.S.B.M.**

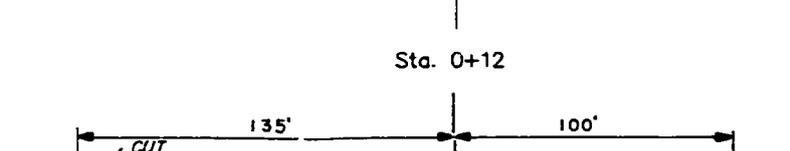
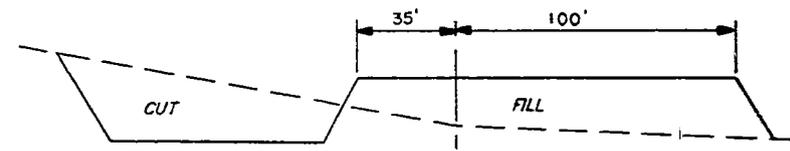
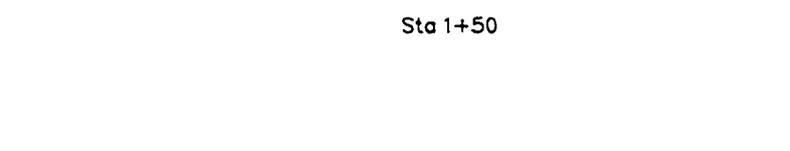
EXHIBIT "B"



SCALE 1" = 50'  
 DATE 8-14-88

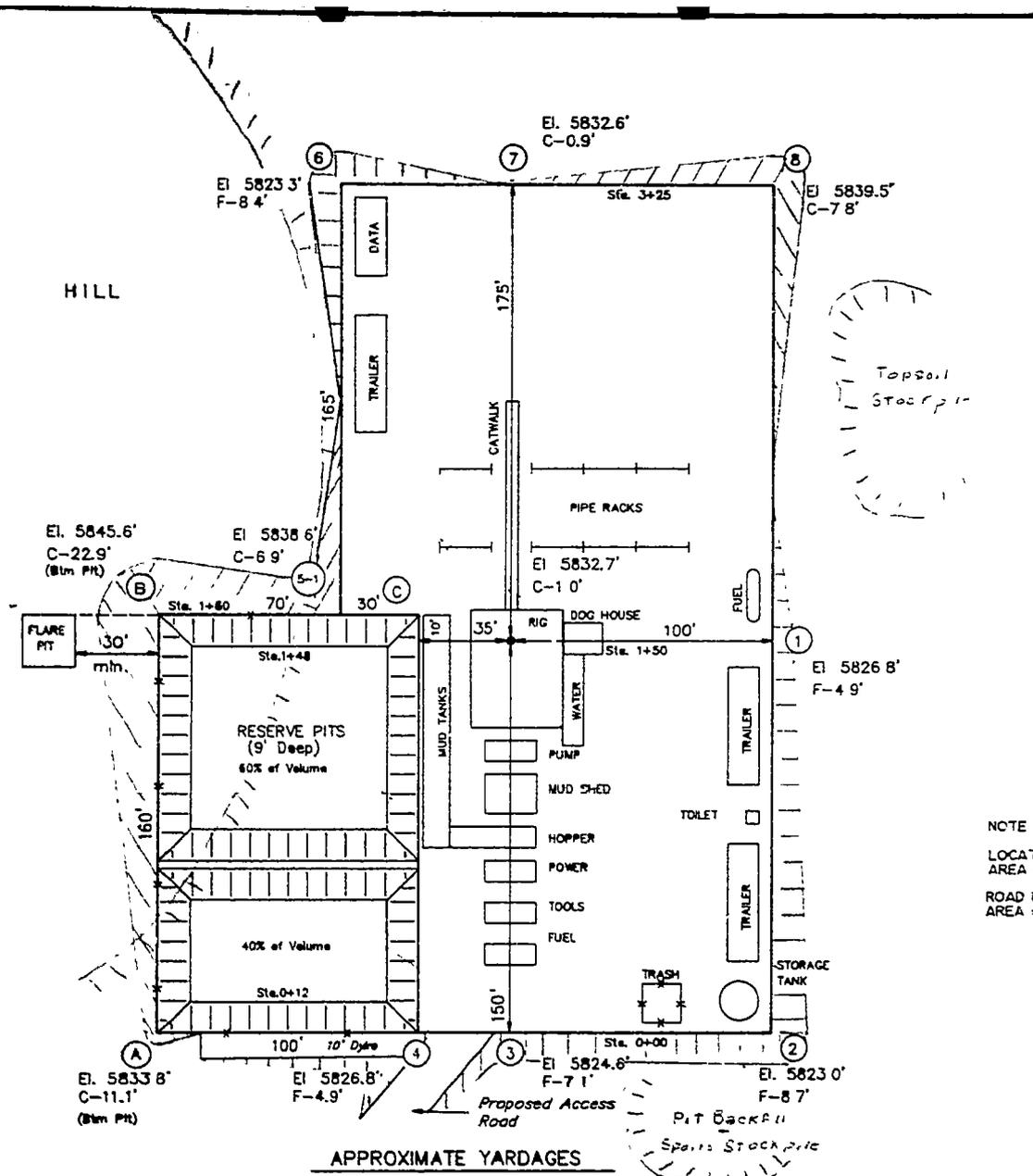


X-Section Scale  
 1" = 20'  
 1" = 50'



Sta. 0+00

**UNTAH ENGINEERING & LAND SURVEYING**  
 P.A. No. 1700 Tropic, Utah



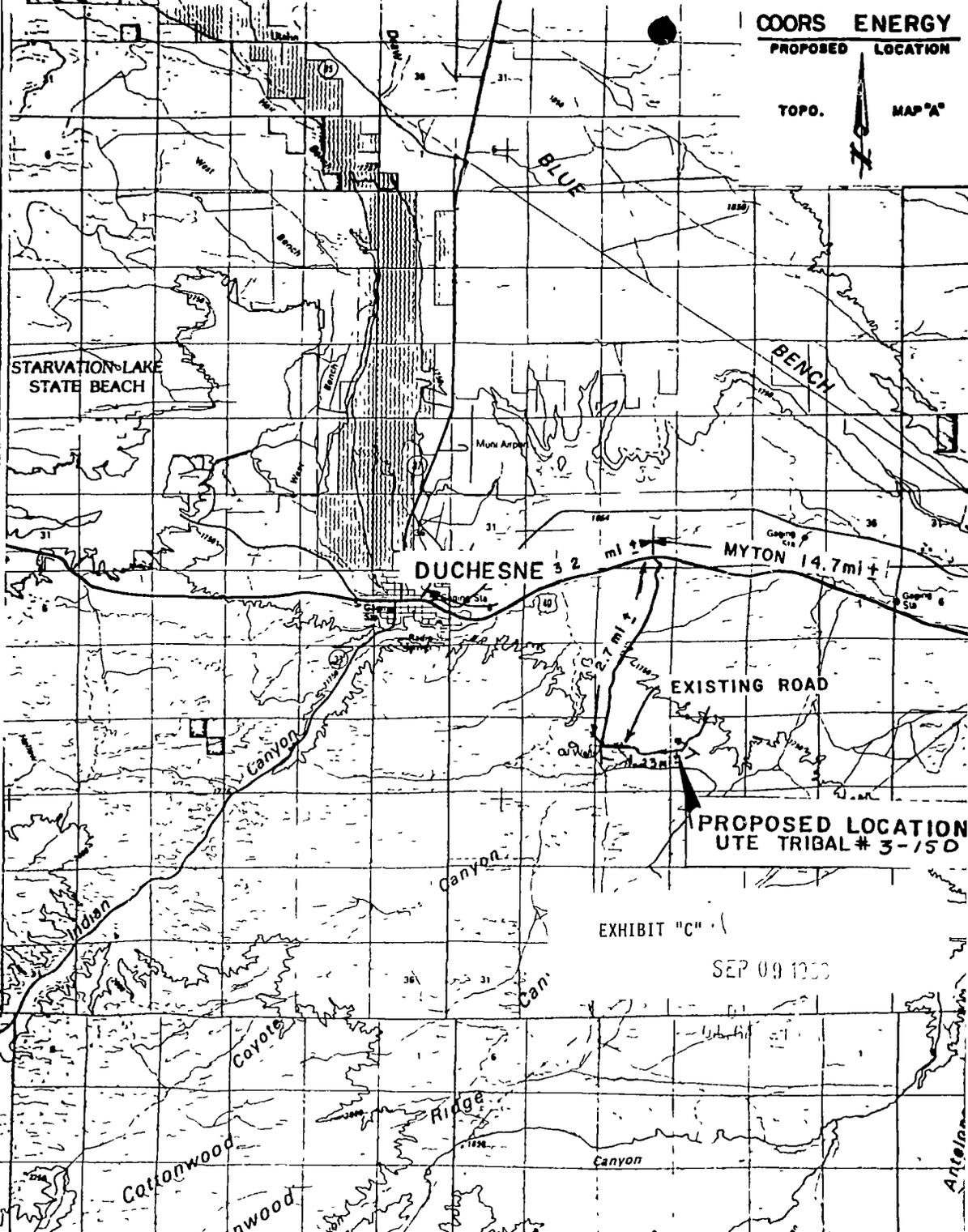
Topsoil  
 Stockpile

NOTE  
 LOCATION DAMAGE  
 AREA = 1.49 ACRES :  
 ROAD DAMAGE  
 AREA = 0.22 ACRES :

**APPROXIMATE YARDAGES**

<b>CUT</b>		<b>EXCESS MATERIAL AFTER 20% COMPACTION</b>	
(6") Topsoil Stripping	= 1,200 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol)	= 2,934 Cu. Yds.
Pit Volume (Below Grade)	= 3,468 Cu. Yds.	EXCESS UNBALANCE (After Rehabilitation)	= 187 Cu. Yds.
Remaining Location	= 4,928 Cu. Yds.		
<b>TOTAL CUT</b>	<b>= 9,596 CU.YDS.</b>		
<b>FILL</b>	<b>= 5,180 CU.YDS.</b>		

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STARVATION LAKE STATE BEACH

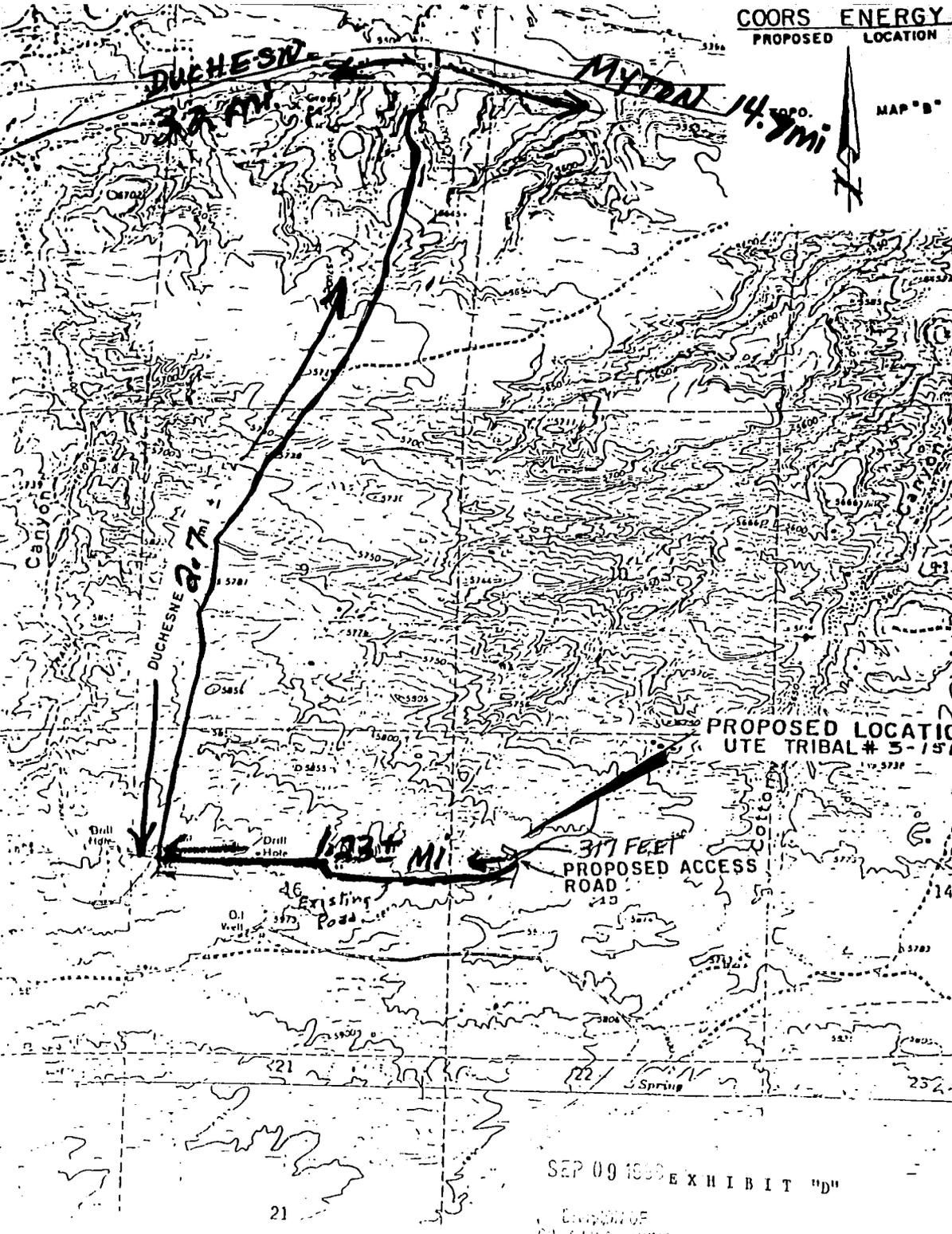
DUCHESNE 3.2 mi + MYTON 14.7 mi +

EXISTING ROAD

PROPOSED LOCATION  
UTE TRIBAL # 3-150

EXHIBIT "C"

SEP 09 1950



SEP 09 1988 EXHIBIT "D"

NORTH - BASIS OF BEARINGS

2634.99 (Measured)

NW1/4

UTE TRIBAL #3-15D  
DAMAGE AREA

Contains 1.49 Acres

END OF ROAD  
RIGHT-OF-WAY STA. 3+16.97

BEGINNING OF ROAD  
RIGHT-OF-WAY STA. 0+00

Exist. Road

1/4 Section Line

U.E.L.S. Ann. Cap  
on 3/8" Rebar

▲ = SECTION CORNERS LOCATED

NR.	BEARING	TANGENT
T1	S38°42'20"W	120.00'
T2	N38°42'20"E	70.00'
T3	S38°42'20"W	115.00'

REVISIONS


DIVISION OF  
OIL, GAS & MINING

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EXHIBIT "E"

DESCRIPTIONS

ROAD RIGHT-OF-WAY

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

BEGINNING AT A POINT IN THE NW1/4 OF SECTION 15, T4S, R4W, U.S.B.&M. WHICH BEARS N75°18'08"E 1157.12' FROM THE WEST 1/4 CORNER OF SAID SECTION, THENCE N15°51'02"W 316.97' TO A POINT WHICH BEARS N59°54'19"E 1193.58' FROM THE SAID WEST 1/4 CORNER OF SECTION 15, BASIS OF BEARINGS IS THE WEST LINE OF THE SAID NW1/4 SECTION 15 WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH, CONTAINS 0.22 ACRES MORE OR LESS.

DAMAGE AREA

BEGINNING AT A POINT IN THE NW1/4 OF SECTION 15, T4S, R4W, U.S.B.&M. WHICH BEARS N59°54'19"E 1193.58' FROM THE WEST 1/4 CORNER OF SAID SECTION, THENCE S38°42'20"W 120.00'; THENCE N51°17'41"W 160.00'; THENCE N38°42'20"E 70.00'; THENCE N51°17'41"W 165.00'; THENCE N38°42'20"E 165.00'; THENCE S51°17'41"E 325.00'; THENCE S38°42'20"W 115.00' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS THE WEST LINE OF THE SAID NW1/4 SECTION 15 WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH CONTAINS 1.49 ACRES MORE OR LESS.

SURVEYOR'S CERTIFICATE

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

*John J. Marshall*

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 2454  
STATE OF UTAH



Sec. 15

REVISIONS

COORS ENERGY CO.  
ROAD RIGHT-OF-WAY  
& DAMAGE AREA  
FOR UTE TRIBAL #3-15D  
LOCATED IN  
SECTION 15, T4S, R4W, U.S.B &M  
DJCHESNE COUNTY, UTAH

Utah Engineering & Land Surveying

DRAWER Q PHONE 789-1017  
110 EAST 100 SOUTH  
VERNAL UTAH 84078

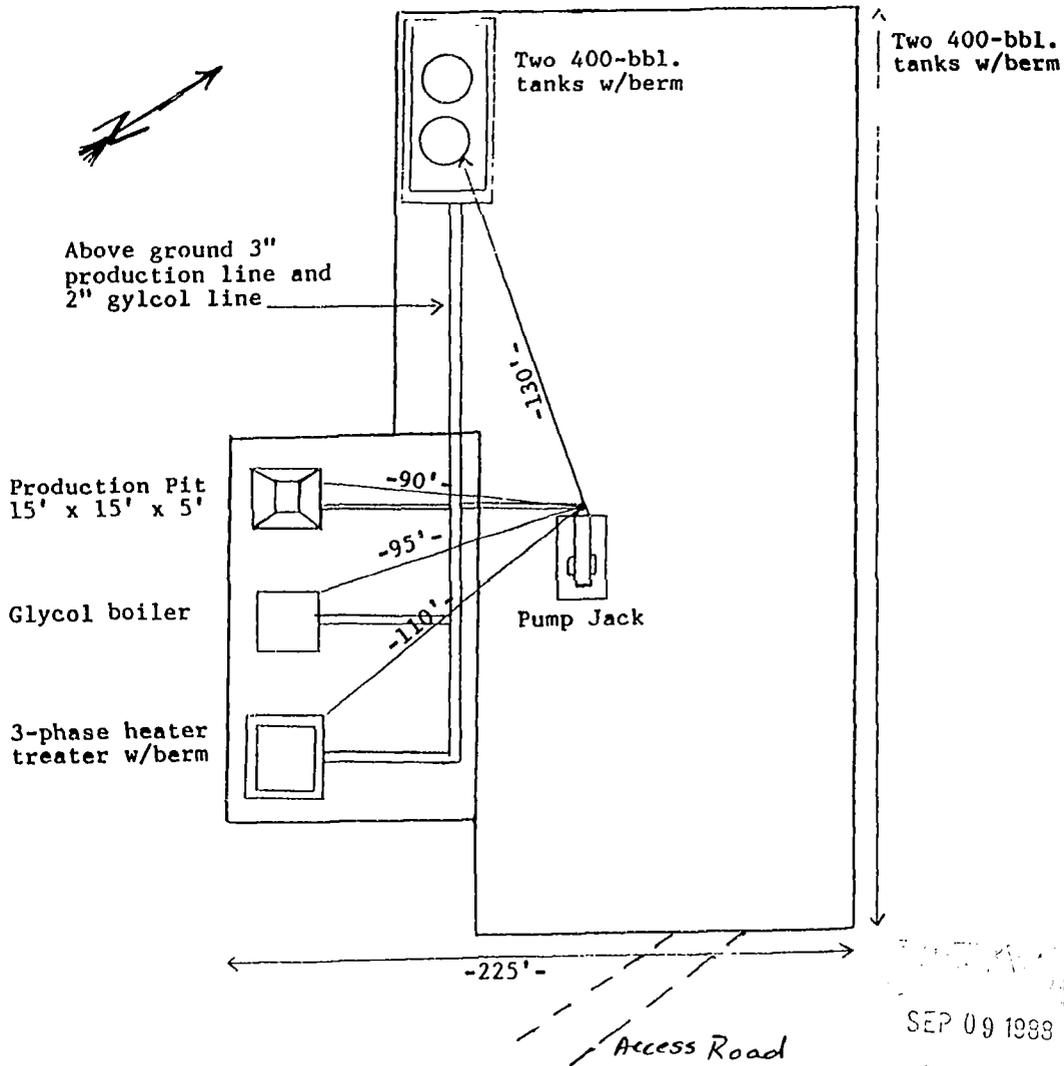
SCALE 1" = 200'

15 "

DRAWN JRS  
APPROVED NJM

JTK

UTE TRIBAL 3-15D SURFACE PRODUCTION FACILITIES



SEP 09 1988

EXHIBIT "EP" 4106



File  
3-15D

Revised October 1, 1985

Date NOS Received 8/2/88

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

Company/Operator Cooks Energy Co.  
Well Name & Number Ute Tribal # 3-15D  
Lease Number I-109-IND-5351  
Location SW 1/4 NW 1/4 Sec. 15 T. 4S R. 4W  
Surface Ownership Phillips Moon

EXHIBIT "B"  
SEP 09 1988  
G.L. GARDNER

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 - 2 317'
- B. Width - 30 foot right-of-way with 18 foot running surface maximum.
- C. Maximum grades - 8% 4%
- 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) - native ls. location & fee surface
- H. Necessary gates, cattleguards, or fence cuts and/or modification to existing facilities - None
- I. Access road surface ownership - Armed & Moon  
Phillip

(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 \_\_\_\_\_.~~

~~The operator/lessee or his successor shall be responsible for 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

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 Sunday

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 Intergency 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 104R 6/3 on.  
Unless specified different by surface owner

5. Location and Type of Water Supply

- A. Show location and type of water supply, either by  $\frac{1}{4}$ ,  $\frac{1}{4}$  section on a map or by written description Duckhorn River.
- 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 location of 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 mineral material application (if/its 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.~~

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SECTION OF  
SURFACE MINING

On BLM administered lands:

The reserve pit (shall/shall not) be lined. w/ min. of 10 mil  
plastic & sufficient bedding material

\*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.

\_\_\_ 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

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DIVISION OF  
OIL GAS & MINING

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.

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REGIONAL  
OFFICE

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.)

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 location

The stockpiled topsoil will be stored on the: North side  
between pts. 1 & 8

Access to the well pad will be from the: South side 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 \_\_\_\_\_

The \_\_\_\_\_ corner of the well pad will be rounded off to avoid the \_\_\_\_\_

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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~~ ~~BLM/FS~~ 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 / BIA / FS / 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 15<sup>th</sup> 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.

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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 reseeded. 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:

*Phillips-Moore*

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

SEP 09 1980

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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 Refly Brown or Tom O'Brien.

~~X~~

The BLM and BIA 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.~~

~~X~~ Flare pit will be located SW of resame pit a min. of 30' from pit & 100' from rig substructure

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

SEP 09 1938  
DIVISION OF OIL GAS & MINES

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 Cross 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.

9-6-88  
Date

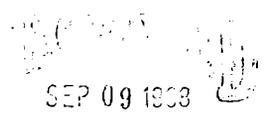
Robert L. Muntz V.P. Operations  
Name and Title

Onsite Date: 8/10/88

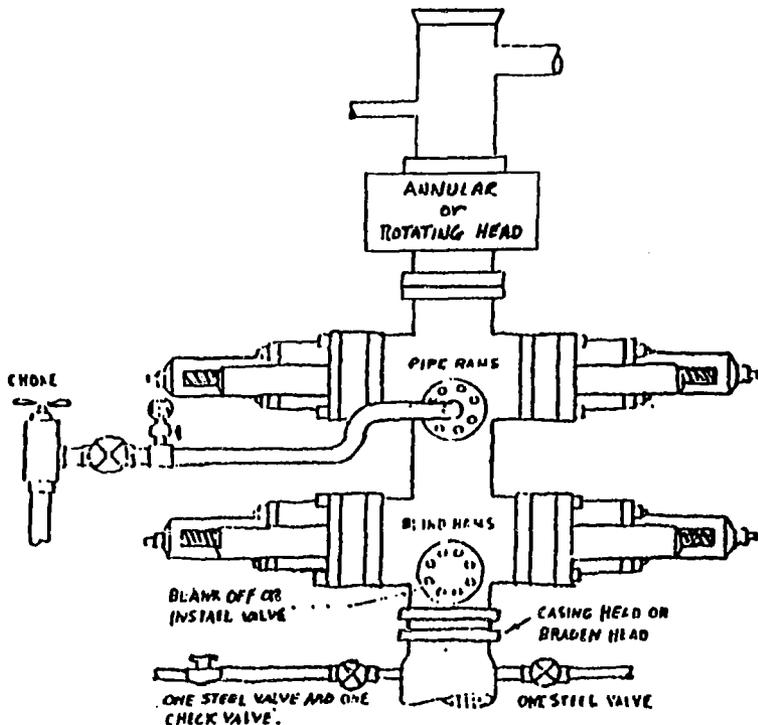
Participants on Joint Inspection

John King  
Ralph Brown  
Jim Simonton  
Perron Seaskuker  
Darren Cuch

District Eng.  
BLM  
Cross Energy Co.  
BLA  
Ute Tribe



# BLOWOUT PREVENTION EQUIPMENT



ALL EQUIPMENT TO BE 5000 PSI WORKING PRESSURE AND FLANGED AND CONFORM TO API RP53

- A. One double gate blowout preventer with lower rams blind and upper rams for pipe, all hydraulically controlled, side outlets on preventers between rams for choke/kill lines.
- B. All connections from operating manifold to preventers to be all steel hose or to be a minimum of one inch in diameter.
- C. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the preventers.
- D. All connections to and from preventers to have a pressure rating equivalent to that of the BOP's. Kill line to be at least 2" and line to choke manifold to be 3".
- E. Manual controls to be installed before drilling cement plug.
- F. Valve to control flow through drill pipe to be located on rig floor.
- G. A drilling spool, optional, may be used below the blind rams or between rams.

EXHIBIT-111  
SEP 09 1988



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.

SEP 09 1968

DIVISION OF  
OIL, GAS & LEASING  
(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.:** 1-109-1nd-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 (Assistant Secretary)

August 25, 1967  
(Date)

P. O. Box 599, Denver, Colorado 80201  
(Address)

EXHIBIT "L"

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EXHIBIT "A"

DIVISION OF  
OIL, GAS & MINING

Exhibit "A" attached to and made a part of that certain Designation of Operator dated August 25, 1987.

Township 4 South, Range 4 West, U.S.M.

- Section 7: Lots 1, 2, 3, 4, 5, 6, 7, SE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$
- Section 8: All
- Section 9: SW $\frac{1}{4}$
- Section 10: S $\frac{1}{2}$
- Section 15: NE $\frac{1}{4}$
- Section 16: All
- Section 17: All
- Section 18: Lots 3, 4, E $\frac{1}{2}$ SW $\frac{1}{4}$ , E $\frac{1}{2}$

# APPLICATION FOR TEMPORARY CHANGE OF WATER

**STATE OF UTAH**

Rec by \_\_\_\_\_  
Fec Paid \$ \_\_\_\_\_  
Receipt # \_\_\_\_\_  
Mh refilmed \_\_\_\_\_  
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 Altemont, UT 84001
2. FILING DATE: September 25, 1967
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) 950 ft. E 950 ft. from SW corner, Section 27, T2S, R3W, 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, R3W, USBM

NORTH-EAST	NORTH-WEST	SOUTH-WEST	SOUTH-EAST
N E   N W   S W   S E	N E   N W   S W   S E	N E   N W   S W   S E	N E   N W   S W   S E
		X	

**THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED**

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

Continued on Next Page

EXHIBIT "M"

SEP 09 1967

Temporary Change

12. COUNTY: Duchesne

COMMON DESCRIPTION:

13. POINT(S) OF DIVERSION: Changed as follows:

- (1) 11 ft. E 950 ft. from SW corner, Section 27, T2S, R5W, USBM  
Diverting Works: Pump trucks Source: Duchesne River
- (2) N 2250 ft. E 750 ft. from SW corner, Section 6, T4S, R4W, USBM  
Diverting Works: Pump trucks Source: Duchesne River

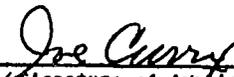
14. PLACE OF USE: Changed as follows:

	NORTH-EAST	NORTH-WEST	SOUTH-WEST	SOUTH-EAST
	NE NW SW SE			
ALL T3S, R4W, USBM				
ALL T4S, R4W, USBM				
ALL T4S, R5W, USBM				

15. NATURE OF USE: Same as HERETOFORE

OIL EXPLORATION: Oil well drilling, completion and service work in Sowards-Antelope Oil  
PERIOD OF USE: October 1, 1987 to October 1, 1988

The undersigned hereby acknowledges that even though he/she may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the State Engineer's Office, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant.

  
 \_\_\_\_\_  
 Signature of Applicant

SEP 09 1988

RECEIVED  
SEP 09 1988

DIVISION OF  
OIL, GAS & MINING



**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.

9-6-88  
Date

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

jf

EXHIBIT "N"

OPERATOR Coors Energy Company DATE 9-9-88

WELL NAME Ute Tribal 3-15A

SEC S<sub>15</sub>W 15 T 4S R 4W COUNTY Duchesne

43-013-31218  
API NUMBER

Indian  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Nearest well ok under lease 137-54 (2 other wells in N $\frac{1}{2}$  sec. 15 prod. GRV formation)  
Water permit T 87-43-9 (Curry Leasing) Expires 9-25-88  
Need water permit  
Threatened & Endangered Species Survey received 9-29-88

APPROVAL LETTER:

SPACING:  R615-2-3 \_\_\_\_\_ UNIT

R615-3-2

139-54 12-4-86  
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1- Water Permit

# memorandum

DATE: SEP 14 1988

DATE:

Acting

REPLY TO  
ATTN OF:

Superintendent, Uintah and Ouray Agency

SUBJECT: Coors Energy Company: Ute Tribal Well 3-15D  
Sec. 15-T4S-R4W, Fee Surface

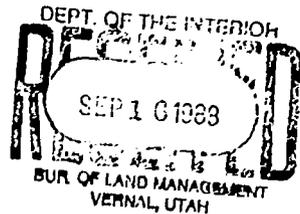
TO: Bureau of Land Management, Vernal District Office  
Attention: Mr. Tim O'Brian, Petroleum Engineer

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

Based on available information received on August 16, 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<br>Project is in or adjacent to a Class I<br>area of attainment) |
| YES <input type="checkbox"/> | NO <input type="checkbox"/> | Other (if necessary)   |

REMARKS: FEE SURFACE; BLM STIPULATIONS





RECEIVED  
SEP 14 1988

DIVISION  
OIL, GAS & MINING

September 12, 1988

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

Attn: Mr. Don Elvord

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

Dear Mr. Elvord:

Please include the attached United States Department of the Interior's Application for Permit to Drill, Deepen, or Plug Back, Form No. 42-R1425, for the Ute Tribal 3-15D.

This Application was not included in the original Application package sent to you last week.

If you should have any questions, please feel free to call 303-278-7030.

Very truly yours,

*Janet Finley*

Janet Finley  
Production Department

JF

Attachments

cc: State of Utah Oil & Gas Conservation Commission  
Ute Tribal Headquarters, Mr. Jason Cuch  
Bureau of Indian Affairs, Mr. Roland McCook

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

FORM (1/76) (uplicate -  
turn on  
reverse side)

2. Lease Designation and Serial No.  
I-109-IND-5351

4. If Indian, Alutian or Tribe Name  
Ute Tribe

7. Unit Agreement Name  
-----

Form or Lease Name  
Ute Tribal

Well No.  
3-15D

10. Field and Foot, or Wildcat  
Duchesne

11. Sec., T., R., M., or Blk.  
and Survey or Area  
Sec. 15, T4S-R4W

12. County or Parish 13 State  
Duchesne Utah

RECEIVED  
SEP 15 1988

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work  
DRILL  DEEPEN  PLUG BACK

b. Type of Well  
Oil Well  Gas Well  Other

c. Name of Operator  
Coors Energy Company

d. Address of Operator  
PO Box 467, Golden, Colorado 80402

e. Location of Well (Report location clearly and in accordance with any state requirements)  
At surface 1940' FNL, 925' FWL SW/NW  
at proposed prod. zone same

f. Distance in miles and direction from nearest town or post office  
approximately 3-1/2 miles southeast of Duchesne

13. Distance from proposed location to nearest property or lease line, ft. (Also to nearest str. line, if any)  
925'

14. Distance from proposed location to nearest well, drilling, completion, or applied for, on this lease, ft.  
1142'

21. Elevations (Show whether DT, RT, GR, etc.)  
5833' GL

16. No. of acres in lease  
4150.06

17. No. of acres assigned to this well  
40

18. Proposed depth  
8315

19. Rotary or cable tools  
rotary

22. Approx. date work will start  
September 1988

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	10-3/4"	40/50#	700	550 sx
9-7/8"	7-5/8"	26.40/29.70#	7000	1800 sx
6-3/4"	5" liner	15.00#	8315	300 sx

- This well will be spudded in the Uintah Formation.
- Estimated Top Green River Upper Douglas Creek 5430, est. Wasatch Formation 6910'
- Oil and gas is expected in the Green River and Wasatch Formations. No aquifers or other mineral zones are anticipated. Maximum expected BHP is 5900 psi.
- The proposed circulating medium will be 3% KCL water or a low-solids, non-dispersed mud. Mud weights up to 14#/gal are anticipated.
- Auxiliary equipment: float will be run in the drill string, a full opening valve to fit the drill string will be on the rig floor at all times. Kelly cock valves will be used.
- Sidewall coring and drill stem tests may be run in potential pay zones.
- No abnormal temperatures or potential hazards are expected; however, high pressures are anticipated in the Wasatch Formation, see a copy of the ROP diagram to be used on this well, Exhibit J.
- Duration of operations will be approximately 30 days.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Signed R.L. Martin Title VP O/G Operations Date 9/06/88

\*This space for Federal or State office use

Permit No 43 013-31218

Approval Date

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

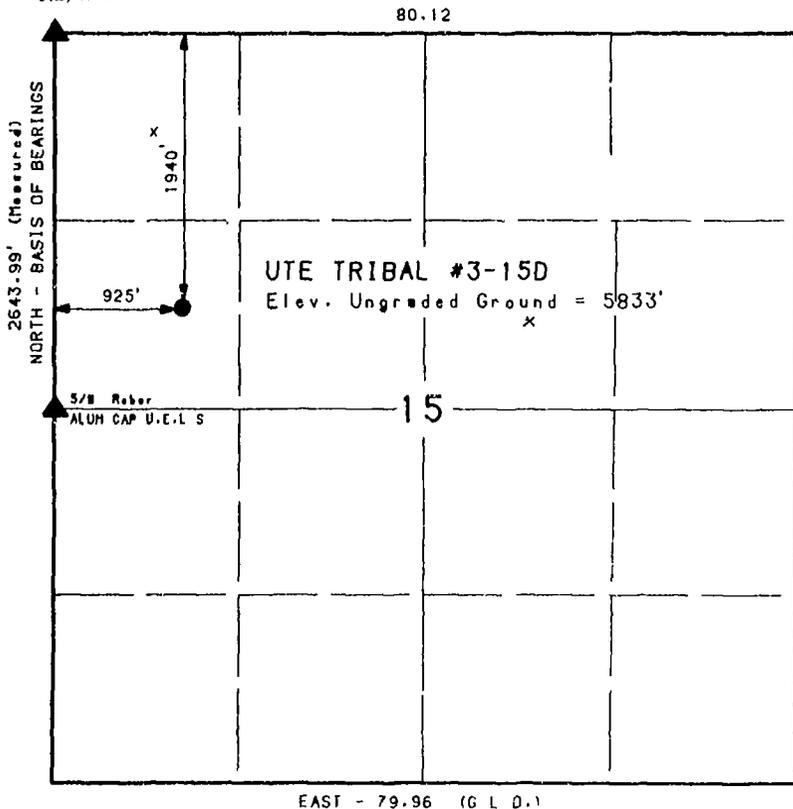
Approved by \_\_\_\_\_  
Conditions of approval, if any:

DATE: 10-9-88  
BY: R. R. [Signature]  
WELL SPACING: Case No 139-54

**RECEIVED**

SEP 09 1988 T4S, R4W, U.S.B.&M.

DIVISION OF  
OIL, GAS & MINING



PROJECT  
**COORS ENERGY CO.**

Well location. UTE TRIBAL #3-15D, located as shown in the SW1/4 NW1/4 of Section 15, 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

*Robert 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

▲ = SECTION CORNERS LOCATED

EXHIBIT "A"

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



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  
43-013-31217

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

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, 1980, 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 hawk, 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.



Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson Ph.D.

Deputy Director

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING

355 West North Temple

3 Triad Center Suite 350

Salt Lake City, Utah 84103 1203

801 538 5340

October 4, 1988

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

Gentlemen:

Re: Ute Tribal 3-15D - SW NW Sec. 15, T. 4S, R. 4W - Duchesne County, Utah  
1940' FNL, 925' FWL

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 139-54 dated December 4, 1986 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.
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.

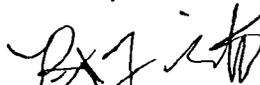
Page 2  
Coors Energy Company  
Ute Tribal 3-15D  
October 4, 1988

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 43-013-31218.

Sincerely,



R. L. Erth  
Associate Director, Oil & Gas

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

Form J160-5  
(November 1983)  
Formerly 9-331

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINING IN TRIPLICATES  
Other instructions on reverse side

Index Bureau No. 1004-0115  
Expires August 31, 1985

3. LEASE DISPOSITION AND SERIAL NO.  
I-109-IND-5351

4. W. COOPER, ALLIANCE 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.)

1. WELL TYPE OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. WELL ASSOCIATION NAME	
2. NAME OF OPERATOR Coors Energy Company		8. FIRM OR LEASE NAME Ute Tribal	
3. ADDRESS OF OPERATOR PO Box 467, Golden, Colorado 80402		9. WELL NO. W-3-15D	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1940' FNL, 925' FWL, SW/NW		10. FIELD AND POOL, OR VICINITY Duchesne	
11. PERMIT NO. 43-013-31218		12. COUNTY OR PARISH 13. STATE Duchesne Utah	
14. REMARKS (Show whether or, or, or, etc.) 5833' GL			

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

NOTICE OF INTEREST TO:

ASSIGNMENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACTIVATE <input type="checkbox"/>	SHOOTING OR ACTIVATING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Additl infor for ADP form

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

17. MENTION PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and 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.)

ADDITIONAL INFORMATION FOR APD .

Logging program will consist of DLL and Compensated Neutron-Litho-Density (CNLD) from intermediate casing seat to surface casing.

DIL and CNLD from TD to intermediate casing seat.

JOURNAL DATE  
SNG. 227. 10-19-88

Geol. \_\_\_\_\_  
S.S. \_\_\_\_\_  
PET. \_\_\_\_\_  
A.M. \_\_\_\_\_



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

SIGNED *[Signature]*

TITLE *Supervisor*

DATE 10/14/88

(This space for Federal or State office use)

APPROVED BY *[Signature]*  
CONDITIONS OF APPROVAL, IF ANY:

TITLE ASSISTANT DISTRICT  
MANAGER MINERALS

DATE 10-31-88

BLM  
10-29-14-A

CHANGE: 88-43-11

WATER RIGHT: 43-9594 CERT. NO.:

AMENDATORY? No

RIGHT EVIDENCED BY: Application A60177



CHANGES: Point of Diversion [X], Place of Use [X], Nature of Use [ ], Reservoir Storage [ ]

NAME: Curry Leasing )
ADDR: P.O. Box #227
CITY: Altamont

STATE: UT ZIP: 84001

OWNER MISC:
INTEREST:

DIVISION OF OIL, GAS & MINING

Posting: 10/14/1988 Priority: 10/14/1988 Advertise Paper: Date: 00/00/0000
Proof Due: 00/00/0000 Ext Filed: 00/00/0000 Elec/Proof: Filed: 00/00/0000
Lap, Etc.: 10/14/1989

Status: APP Date Verified: 10/14/1988 Initials:

HERETOFORE

FLOW: 0.05 cfs OR 36.5 acre-feet
SOURCE: Duchesne River
COUNTY: Duchesne

TRIBUTARY:

POINT OF DIVERSION -- SURFACE:
(1) ft. E 950 ft. from SW corner, Section 27, T 2S, R 5W, USBM
Diverting Works: Pump trucks and hauled Source:

PLACE OF USE OF WATER RIGHT:

Sec 27 T 2S R 5W USBM NORTH-EAST4 NORTH-WEST4 SOUTH-WEST4 SOUTH-EAST4
NE NW SW SE NE NW SW SE NE NW SW SE NE NW SW SE

NATURE OF USE:

##OIL EXPLORATION oil well drilling, completion and service work PERIOD OF USE: 08/03 TO 08/03

HEREAFTER

FLOW: 0.05 cfs OR 12.0 acre-feet
SOURCE: Duchesne River
COUNTY: Duchesne

REMAINING WATER: Same as HERETOFORE
TRIBUTARY:
COMMON DESCRIPTION:

POINT-OF-DIVERSION: Changed as follows:

POINTS OF DIVERSION -- SURFACE:
(1) ft. E 950 ft. from SW corner, Section 27, T 2S, R 5W, USBM
Diverting Works: Pump trucks Source: Duchesne River
(2) N 2250 ft. E 750 ft. from SW corner, Section 6, T 4S, R 4W, USBM
Diverting Works: Pump trucks Source: Duchesne River

PLACE OF USE OF WATER RIGHT: Changed as follows:

ALL T 4S R 4W USBM NORTH-EAST4 NORTH-WEST4 SOUTH-WEST4 SOUTH-EAST4
NE NW SW SE NE NW SW SE NE NW SW SE NE NW SW SE

43-013-31217-3-10b
43-013-31218-3-15b

NATURE OF USE: Same as HERETOFORE

###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 \*\*\*\*\*

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

PLUG BACK  
(Other use only on  
reverse side)

**RECEIVED**  
NOV 02 1988  
PLUG BACK  
Single Zone  Multiple Zone

1. Lease Designation and Serial No  
**I-109-IND-5351**

2. If Indian, Allottee or Tribe Name  
**Ute Tribe**

3. Unit Agreement Name  
**----**

4. Form or Lease Name  
**Ute Tribal**

5. Well No  
**3-15D**

6. Field and Pool, or Wildcat  
**Duchesne**

7. Sec. T, R, M or Blk. and Survey or Area  
**Sec. 15, T4S-R4W**

8. County or Parish 9. State  
**Duchesne Utah**

10. Distance in miles and direction from nearest town or post office\*  
**approximatley 3-1/2 miles southeast of Duchesne**

11. Distance from proposed location\*  
location to nearest property or lease line ft **925'**  
(Also to nearest str. line if any)

12. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft. **1142'**

13. No. of acres in lease **4150.06**

14. No. of acres assigned to this well **40**

15. Proposed depth **8315**

16. Rotary or cable tool **rotary**

17. Elevation (Show whether OP, RT, GR, etc.)  
**5833' GL**

18. Approx. date work will start\*  
**September 1988**

19. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	10-3/4"	40/50#	700 <i>STC new</i>	550 sx
9-7/8"	7-5/8"	26.40/29.70#	7000 <i>LTC new</i>	1800 sx
6-3/4"	5" liner	15.00#	8315 <i>LTC new</i>	300 sx

1. This well will be spudded in the Uintah Formation.
2. Estimated Top Green River Upper Douglas Creek 5430', est. Wasatch Formation 6910'
3. Oil and gas is expected in the Green River and Wasatch Formations. No aquifers or other mineral zones are anticipated. Maximum expected BHP is 5900 psi.
4. The proposed circulating medium will be 3% KCL water or a low-solids, non-dispersed mud. Mud weights up to 14#/gal are anticipated.
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; however, high pressures are anticipated in the Wasatch Formation, see a copy of the BOP diagram to be used on this well, Exhibit J.
8. Duration of operations will be approximately 30 days.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM - If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.

21. Signed R.L. Marlin Title VP O/G Operations Date 9/06/88

22. Permit No 43-013-31218 Approval Date SEP 1988

Approved by [Signature] Title ASSISTANT DISTRICT MANAGER MINERALS Date 10-3-88

**NOTICE OF APPROVAL** - Instructions On Reverse Side **CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY**

210 CG+H

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

Company Coors Energy Company Well No. Ute Tribal 3-15D  
Location SW/NW Sec. 15, T.4S., R.4W. Lease No. I-109-IND-5351

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

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas 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.

NOTE: According to spacing order 139-54, wells completed in the upper Wasatch formation require 320 acre spacing in the north half of section 15, all of sections 7, 8, 16, 17, and 18, the SE, NESW, S2SW of section 9 and the south half of section 10.

A. DRILLING PROGRAM

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

Report ALL water shows and water bearing sands to 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.

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

2. Pressure Control Equipment

BOPE configuration shall 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.

BOPE pressure tests shall be conducted for at least 10 minutes. The Vernal District Office shall be notified, with sufficient lead time, in order to have a BLM representative present while pressure testing.

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

3. Casing Program and Auxiliary Equipment

Fresh water may be encountered from + (600-900) ft. and + (1400-1600) ft. in the Uinta formation, and from + (2600-3500) ft. in the Green River Formation. The Mahogany oil shale zone has been identified from + (3211-3411) ft. Therefore, the resources will be isolated and/or protected via the cementing program for the intermediate casing by having a cement top for the intermediate casing at least 200 ft. above the oil shale.

The Vernal District Office shall be notified, with sufficient lead time, of the running and cementing of all casing strings in order to have a BLM representative present while running and cementing all casing strings.

4. Mud Program and Circulating Medium

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

5. Coring, Logging and Testing Program

Daily drilling and completion 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 316-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

6. 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.

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

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

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approval 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 that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 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 3162-5, 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 approve 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.

7. 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 (801) 781-1190  
Petroleum Engineer

Ed Forsman (801) 789-7077  
Petroleum Engineer

Revised October 1, 1985

Date NOS Received 8/2/88

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

Company/Operator Coors Energy Co.

Well Name & Number Ute Tribal No. 3-15D

Lease Number I-109-IND-5351

Location SW1/4NW1/4 Sec. 15 T. 4S. R. 4W

Surface Ownership \_\_\_\_\_

THIRTEEN POINT SURFACE USE PROGRAM:

1. Location of Existing and/or Proposed Facilities

The integrity of the tank batteries' dike will be maintained.

The location of the tank batteries will be per sundry notice.

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 Rocky 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.

2. Well Site Layout

The reserve pit will be located on the south side of location as shown on Exhibit B.

Access to the well pad will be from the southeast between points 3 and 4.

3. Plans for Restoration of Surface

The reserve pit will be reclaimed within 90 days from the date of well completion.

4. Other Additional Information

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 subcontractors. 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.

NCR



August 14, 1989

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

**RECEIVED**  
 AUG 16 1989

DIVISION OF  
 OIL, GAS & MINING

Gentlemen:

We are requesting that the Permit to Drill be extended for an additional year for the following wells:

	Ute Tribal 3-15D Section 15, T4S-R4W	approved 10/4/88	<u>approval extended to:</u> Oct. 4, 1990
API	43-013-31218		
	Ute Tribal 5-15D Section 15, T4S-R4W	approved 12/8/88	Dec. 8, 1990
API	43-013-31223		
	Ute Tribal 9-16D Section 16, T4S-R4W	approved 11/22/88	Nov 22, 1990
API	43-013-31222		

These wells may be drilled before their expiration date, but in the event that drilling will be delayed, we are requesting an extension.

If you need any further information, please let us know.

Thank you for your consideration.

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 8-28-89  
 BY: *[Signature]*

Very truly yours,  
*[Signature]*  
 D. S. Sprague  
 Manager, Engineering Services

nss:kr

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File \_\_\_\_\_

Suspense

Other  
*Operator Change*

(Location) Sec \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_

(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

(API No) \_\_\_\_\_

1. Date of Phone Call 12-2-92 Time: 3:53

2. DOGM Employee (name) J. Louro (Initiated Call   
Talked to

Name Margie Humen (Initiated Call  - Phone No. ( ) 789-1362

of (Company/Organization) Bln / Vessel

3. Topic of Conversation: Coors Energy - Remaining well: "Not included  
in operator change to Emerson".

4. Highlights of Conversation: DOGm - All in drilling status - no spud dates.

*Incl. Issues*  
43-013-31218 / 3-150

43-013-31222 / 9-160

43-013-31223 / 5-150

43-013-31230 / 5-160

43-013-31260 / 7-100

43-013-31362 / 8-100

43-013-31350 / 5-170 \* In'd. #. 3-8-93. (In Progress)

43-013-31254 / 12-160 \* In'd. #. 3-1-93.

43-013-31259 / 11-160 \* In'd. #. 3-2-93.

43-013-31353 / 8-29 \* In'd. #. 4-14-93.

43-047-32163 / 3-8112 "UTU-67194" \* In'd. #. 12-21-92.

43-047-32177 / 1-35HB "UTU-65224" \* In'd. #. 3-2-93.

\* Bln review in progress, will notify DOGM by letter when settled.

Bln Suspended for Environmental Assessment

These well have never been approved by Bln



January 25, 1993

Marcia Perkes  
Utah State Tax Commission  
Severance Tax Office  
Heber M. Wells Office Building  
160 East Third South  
Salt Lake City, UT 84134

RECEIVED  
STATE TAX COMMISSION

JAN 27 1993

RECEIVED BY  
Auditing Division

PE: Account #N5090  
Coors Energy Company

Dear Ms. Perkes:

Please be informed that Coors Energy Company has sold all of its oil and gas properties in Utah to Evertson Oil Company effective September 1, 1992. Therefore, the third quarter, 1992, return will be the final quarterly severance tax return to be filed by Coors. Coors will file a 1992 annual return covering January thru August sales as soon as the forms have been received from your office.

Please do not hesitate to call if you have any questions (278-7030).

Yours truly,

Ellie Avie  
Supervisor, Revenue and Production Accounting



Clyde R. Nichols, Jr.  
Executive Director

## UTAH STATE TAX COMMISSION

160 East Third South  
Salt Lake City, Utah 84134  
Telephone (801) 530-6300  
Fax Number (801) 530-6373

R. H. Hansen, Chairman  
Roger O. Tew, Commissioner  
Joe B. Pacheco, Commissioner  
S. Blaine Willes, Commissioner

### Cover Sheet For Facsimile Message

Date: 2-8-93 Number of Pages (including cover sheet): 3

To: Lisha Cordova

Location: DOGM

Subject

Fax Number: 359-3940 Telephone Number:

From: Marci Perkes

Location: Oil + Gas Auditing USTC

Comments/Remarks: Lisha - This was sent to me,  
and I wanted to make sure that you were  
aware of it.

Signature: Marci Perkes

The information contained in this facsimile message is legally privileged and confidential information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copy of this telecopy is strictly prohibited. If you have received this telecopy in error, please immediately notify us by telephone and return the original message to us at the address above via the United States Postal Service. Thank you.



RECEIVED

APR 27 1993

DIVISION OF  
OIL, GAS & MINING

3162.3  
UT08482

March 8, 1993

Evertson Oil Company, Inc  
P.O. Box 397  
Kimball, NE 69145

Attn Mr James G Stephan

Dear Mr Stephan:

On April 6, 1992, Ron Trogstad, Diamond Mountain Resource Area (DMRA) Manager, approved the Duchesne Oil and Gas Field Development Environmental Assessment. I would like to take this opportunity to discuss the status of Applications for Permit to Drill (APDs) which are currently on file with the District

A major concern in the Duchesne Field is the habitat and nests of the Ferruginous Hawk. Due to the sensitivity of the hawk, Conditions of Approval (COAs) protecting the nests have been placed on certain APDs

The following APDs, which were suspended June 22, 1990, will be reinstated and extended with added Conditions of Approval (COAs) in order to protect Ferruginous Hawk nests.

Ute Tribal 3-15D, Ute Tribal 5-15D

AP 012-31218 Sec 15, T4S, R4W

The following APD, which was suspended April 11, 1990, will be granted a one (1) year extension with added COAs in order to protect Ferruginous Hawk nests

Ute Tribal 4-15D

The following APD, which was suspended June 22, 1990, will be reinstated and extended.  
Ute Tribal 9-16D

The following pending APDs must have the associated access roads relocated in order to protect Ferruginous Hawk nests. Please contact Ralph Brown of the DMRA within 30 business days of your receipt of this letter in order to schedule an onsite to resolve the access road concerns. Failure to do so within this timeframe will result in the following APDs returned without prejudice to you.

Ute Tribal 5-10D, Ute Tribal 7-10D, Ute Tribal 8-10D

The Ute Tribal 5-17D APD is hereby returned to you per your verbal request to Ed Forsman on February 19, 1993. If in the future you wish to drill in this location, a new APD must be submitted.

The Ute Tribal 3-15D, Ute Tribal 4-15D, Ute Tribal 5-15D, and Ute Tribal 9-16D have been reinstated and extended to March 8, 1994. A copy of each APD with revised COAs are enclosed with this letter.

If you have any questions concerning these matters, please contact me, my staff, or Ralph Brown of the DMRA.

Sincerely,

**[s] HOWARD B. CLEAVINGER II**

Howard B. Cleavinger II  
Assistant District Manager  
for Mineral Resources

enclosures

bcc: Well Files                      BIA  
          Central Files                Ute Tribe  
          Reading File                RA  
          Drs. C. E. ...

RECEIVED

APR 23 1993

DIVISION OF  
OIL, GAS & MINING

3162.3  
UT08482

March 8, 1993

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P.O. Box 397  
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Sincerely,

**/s/ HOWARD B. CLEAVINGER II**

Howard B. Cleavinger II  
Assistant District Manager  
for Mineral Resources

enclosures

bcc.	Well Files	BIA
	Central Files	Ute Tribe
	Reading File	RA
	Div 6	

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

Route:	
1- <del>VLC</del>	7-LEC
2- <del>DES</del>	12
3-VLC	
4-RJP	✓
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 NE 69145</u>		<u>GOLDEN CO 80402-0467</u>
	<u>phone (308) 235-4871</u>		<u>phone (303) 278-7030</u>
	<u>account no. M6350</u>		<u>account no. N5090</u>

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

Name: <u>UTE TRIBAL 3-15D</u>	API: <u>43-013-31218</u>	Entity: <u>99999</u>	Sec <u>15</u> Twp <u>4S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL 9-16D</u>	API: <u>43-013-31222</u>	Entity: <u>99999</u>	Sec <u>16</u> Twp <u>4S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL 5-15D</u>	API: <u>43-013-31223</u>	Entity: <u>99999</u>	Sec <u>15</u> Twp <u>4S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL 5-10D</u>	API: <u>43-013-31230</u>	Entity: <u>99999</u>	Sec <u>10</u> Twp <u>4S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL 7-10D</u>	API: <u>43-013-31260</u>	Entity: <u>99999</u>	Sec <u>10</u> Twp <u>4S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL 8-10D</u>	API: <u>43-013-31262</u>	Entity: <u>99999</u>	Sec <u>10</u> Twp <u>4S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL 4-15D</u>	API: <u>43-013-31227</u>	Entity: <u>99999</u>	Sec <u>15</u> Twp <u>4S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
* <u>UTE TRIBAL 5-17D/LA'D</u>	<u>43-013-31350</u>	<u>99998</u>	<u>17 4S 4W</u>	<u>INDIAN</u>

**OPERATOR CHANGE DOCUMENTATION**

- lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (4-28-92 "The Comm Letter")
- sla 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (see other letter dated 12-8-92)
- sla 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 yrs, show company file number: \_\_\_\_\_
- lec 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.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (4-27-92)
- lec 6. Cardex file has been updated for each well listed above. (4-29-92)
- lec 7. Well file labels have been updated for each well listed above. (4-29-92)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-28-92)
- lec 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.



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

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

355 West North Temple  
3 Trade Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3910 (Fax)  
801-538-5319 (TDD)

April 28, 1993

Mr. James G. Stephan  
Evertson Oil Company, Inc.  
P.O. Box 397  
Kimball, Nebraska 69145

Dear Mr. Stephan:

Re: Well No. Ute Tribal 5-17D, Sec. 17, T. 4S, R. 4W, Duchesne County, Utah  
API No. 43-013-31350

In concert with action taken by the U.S. Bureau of Land Management, approval to drill the above referenced well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

Don Staley  
Administrative Manager  
Oil and Gas

DME/lhc

cc: Bureau of Land Management - Vernal  
R.J. Firth  
Well file

WCI196





# 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  
UT08438

May 31, 1994

**RECEIVED**

JUN 06 1994

Evertson Oil Company, Inc  
P O Box 397  
Kimball, NE 69145

### DIVISION OF OIL, GAS & MINING

*Ute Tribal 3-15D  
43-013-31218*

Re Notification of Expiration  
Well Nos 3-15D, 4-15D, 5-15D & 9-16D  
Section 15 & 16, T4S, R4W  
Lease No 1-109-IND-5351  
Duchesne County, Utah

Gentlemen.

The Applications for Permit to Drill the above-referenced wells were reinstated and extended to March 8, 1994. According to our records, no known activity has transpired at the approved locations. In view of the foregoing, this office is notifying you the approval of the referenced applications has expired. If you intend to drill at these locations at a future date, new Applications for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved locations of these wells is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Margie Herrmann  
Legal Instruments Examiner

cc State Div OG&M

## SITE DESCRIPTION

SITE NAME: Ute-Tribal #2 100 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 pyramidalis, Ephedra spp., Gutierrezia sarothrae, Chrysothamnus nauseosus, Artemisia tridentata

Common Forbs and Grasses:

Hilaria jamesii, Eriogonum microthecum, Eriogonum spp., Gutierrezia sarothrae, Oryzopsis hymenoides, Cryptantha spp., Aristida spp.

Miscellaneous: Opuntia polyacantha, Euphorbia fendleri

### FAUNAL CHARACTERISTICS:

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

Wildlife Signs: Heard Pinyon jay

Permanent Water: None

Observed Threatened and Endangered Species: None

Raptor Nests: Small stick nest/bluff 1/4 mile away (see 3-100 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. Kunq, D.S., Wildlife Biologist  
7/6/88 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, Erigeron microthecum, Erigeron spp., Bouteloua gracilis, Oryzopsis 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 Oryzopsis 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. Kunq, B.S., Wildlife Biologist

9/6/88 Clear skies hazy/smoky

5 MPH wind 84°F

S:12:35 F:14:10

## SITE DESCRIPTION

SITE NAME: Ute-tribal #3 100 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

### FLORA 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\_sarcocollae*, *Oryzopsis\_hymenoides*, *Hilaria\_jamesii*, *Hotteloua\_gracilis*, *Feratoides\_lanata*, *Eriogonum\_duchesnesiae*

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 C. Funn, D.S., Wildlife Biologist  
J/6/88 Clear skies smoky/hazy  
S MPH wind 84°F  
S:12:35 E:14:10

## SITE DESCRIPTION

SITE NAME: Ute-Archael H3-15D 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:

*Gryzopsis hymenoides*, *Hemus lectorum*, *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 C. Kung, B.S., Wildlife Biologist

7/6/88 0-5 MPH wind 68°F Clear skies, hazy/smoky  
S:8:15 E:10:00

### SITE DESCRIPTION

SITE NAME: Ute-Tribal #3-150 Well Site

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

#### PHYSICAL CHARACTERISTICS

Elevation: Approx. 5050 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 spinescens

Common Forbs and Grasses:

Dryopsis hymenoides, Bromus tectorum, Bouteloua  
racialis, Hilaria jamesii, Gutierrezia sarothrae,  
Eriogonum microthecum, Sitanion hystrix

Miscellaneous: Opuntia polyacantha, Yucca harrimantiae

#### FAUNAL CHARACTERISTICS:

Vertebrates Observed On and Near Site: Clark's nutcracker,

Pinyon jays, Pronghorn antelope, Sagebrush lizard

Wildlife Signs: 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 F. Kung, D.S., Wildlife Biologist  
7/6/88 0-5 MPH wind 68°F Clear skies, hazy/smoky  
S:8:15 T: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 spinesa,  
Chrysothamnus nauseosus

Common Forbs and Grasses:

Oryzopsis hymenoides, Douglas glaberrima, Hilaria  
Jamesii, Eriogonum microthecum, Gutierrezia sarothrae,  
Chrysothamnus viscidiflorus, Eriogonum spp., Ceratoides  
lanata

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, D.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  
spinesa, Juniperus osteosperma

Common Forbs and Grasses:

Hilarea 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, D.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 #5-150 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 pygmaea, 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. Kunq, D.S., Wildlife Biologist

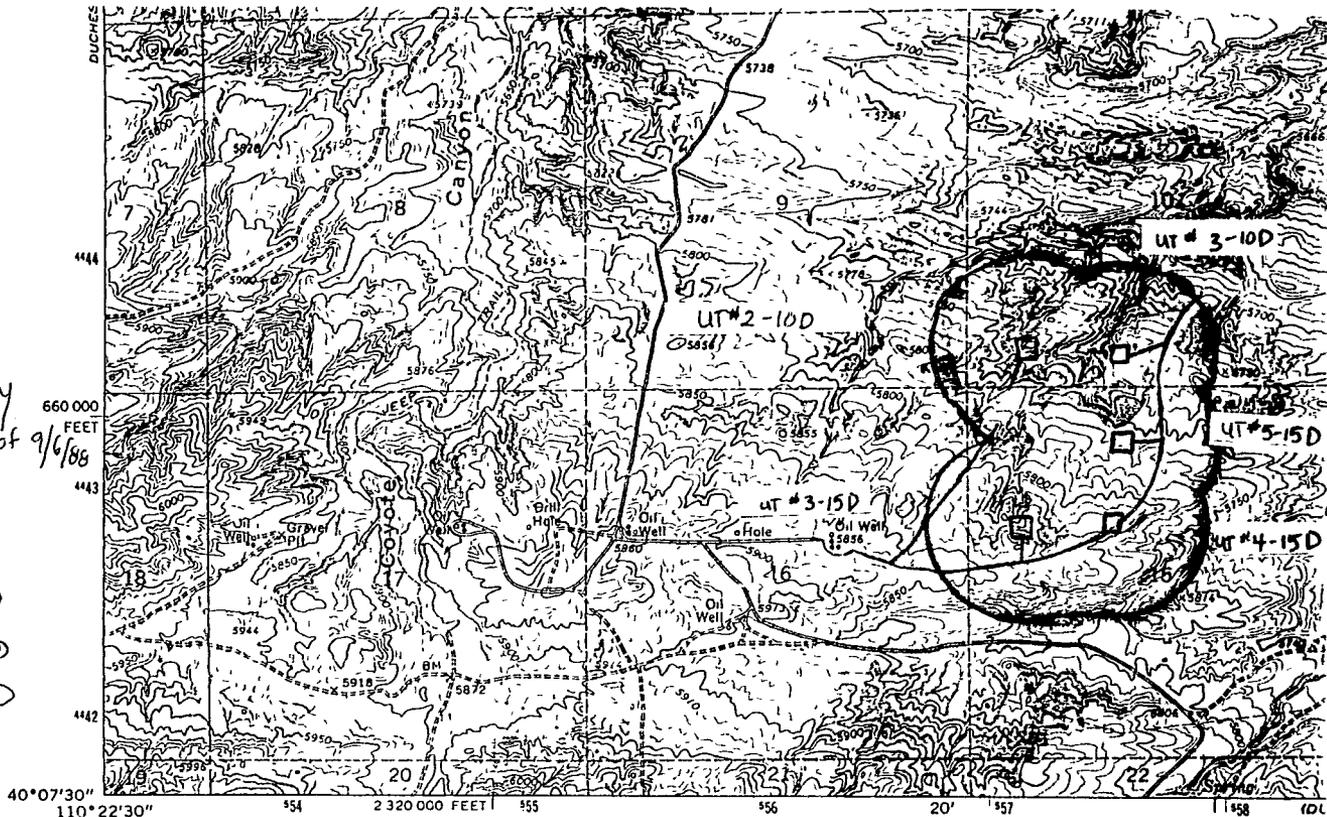
9/6/88 Clear skies smoky/hazy

5 MPH wind 78°F

S:11:30 E:12:30

BOVS Energy  
T&E Survey of 9/6/88

UT # 2-10D  
# 3-10D  
# 3-15D  
# 4-15D  
# 5-15D



40°07'30"  
110°22'30"

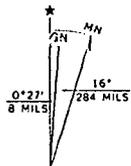
DUCHESNE SW  
3966 N. SW

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 15

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

Duchesne NE quad