

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED **2-6-92**
 LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. _____ INDIAN **14-20-H62-3518**

DRILLING APPROVED: **2-18-92 (EXCEPTION LOCATION)**

SPUDDED IN: _____
 COMPLETED: **4-14-93 LA** PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: **LA'D Per BLM EFF. 4-14-93**

FIELD: **ANTELOPE CREEK**

UNIT: _____

COUNTY: **DUCHESNE**

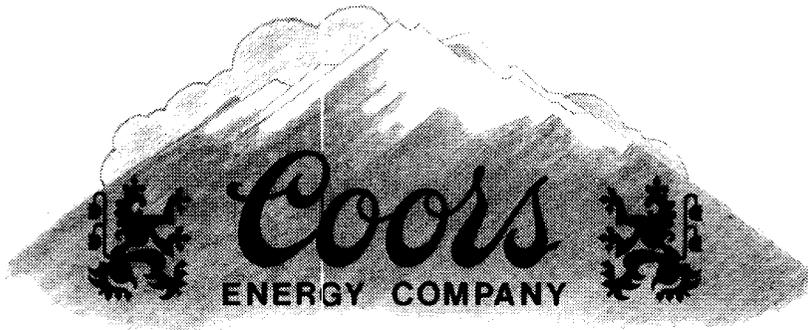
WELL NO. **UTE TRIBAL #8-29**

API NO. **43-013-31353**

LOCATION **2640' FNL** FT. FROM (N) (S) LINE. **760' FEL**

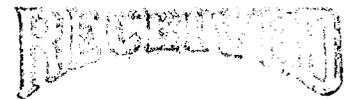
FT. FROM (E) (W) LINE. **SE NE** 1/4 - 1/4 SEC **29**

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
5S	3W	29	COORS ENERGY COMPANY				



February 3, 1992

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



FEB 06 1992

DIVISION OF
OIL GAS & MINING

Attn: Mr. Ronald Firth

Dear Mr. Firth:

For your approval, we have enclosed one copy of the APD to drill the following well:

Ute Tribal 8-29
Section 29, T5S-R3W, NE/4
Duchesne County, Utah

This well will be drilled as a twin to the Ute Tribal 7-29 to form a 2-well steam pilot project.

A shallow sandstone at about 650 feet in depth has been determined to contain oil that is immobile at bottom hole temperatures. Based on formation and fluid properties gained from the whole core taken from Ute Tribal 7-29, the viability of steam flooding needs to be investigated.

It has been determined that a 2-well cyclic steam pilot is necessary to gather basic information for future reservoir model work. Reservoir modeling would be done to determine the feasibility of proceeding with a larger multi-well field pilot.

I discussed this proposal with Mr. Frank Mathews of your office who, in turn, informed me that the initial 2-well pilot could be approved with a Board briefing in lieu of a hearing. However, a hearing would be required prior to expanding to a larger pilot operation.

Page 2
Ute Tribal 8-29

The 8-29 well will be drilled and cased through the prospective producing interval. This well would be alternately steamed and produced (huff and puff). Well 7-29 would be used as an observation well for temperature profiles and heat propagation versus time.

If you have any questions regarding this Application, please call me. Thank you for your consideration.

Very truly yours,



Doug S. Sprague
Manager
Engineering & Operations

DSS:kr
Attachments

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No. 14-20-H62-3518

6. If Indian, Allottee or Tribe Name Ute Tribe

7. Unit Agreement Name -----

8. Farm or Lease Name Ute Tribal

9. Well No. 8-29

10. Field and Pool, or Wildcat Antelope Creek *OLD*

11. 00, Sec., T., R., M., or Blk. and Survey or Area Sec. 29, T5S-R3W, SE/NE

12. County or Parrish Duchesne 13. State Utah

14. Distance in miles and direction from nearest town or post office* approximately 10-1/2 miles south of Bridgeland, Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 760'

16. No. of acres in lease 640

17. No. of acres assigned to this well 40

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. 50'+

19. Proposed depth 725' JINTA

20. Rotary or cable tools rotary

21. Elevations (Show whether DF, RT, GR, etc.) 6554' GL

22. Approx. date work will start* February, 1992

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8"	24.00#	40'	conductor
7-7/8"	5-1/2"	15.50#	725'	300 sks.

Casing type: K55-STC

See attached Drilling Program and Multipoint Use Plan for more details.

This well will be drilled as a twin to the Ute Tribal 7-29 which is located on the same drilling pad, no further surface disturbances will occur.

The 8-29 and 7-29 will form a 2-well steam pilot project for determining the feasibility of a larger multi-well pattern flood. The initial 2-well pilot will be a cyclic steam project to recover crude oil that is immobile at existing bottom hole temperature conditions.



FEB 06 1992

DIVISION OF OIL, GAS & MINING

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

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signed [Signature] Title Manager - Engineering/Operations Date 1/31/92

(This space for Federal or State office use)

API NO. 43-013-31353

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

Approved by _____ Title _____

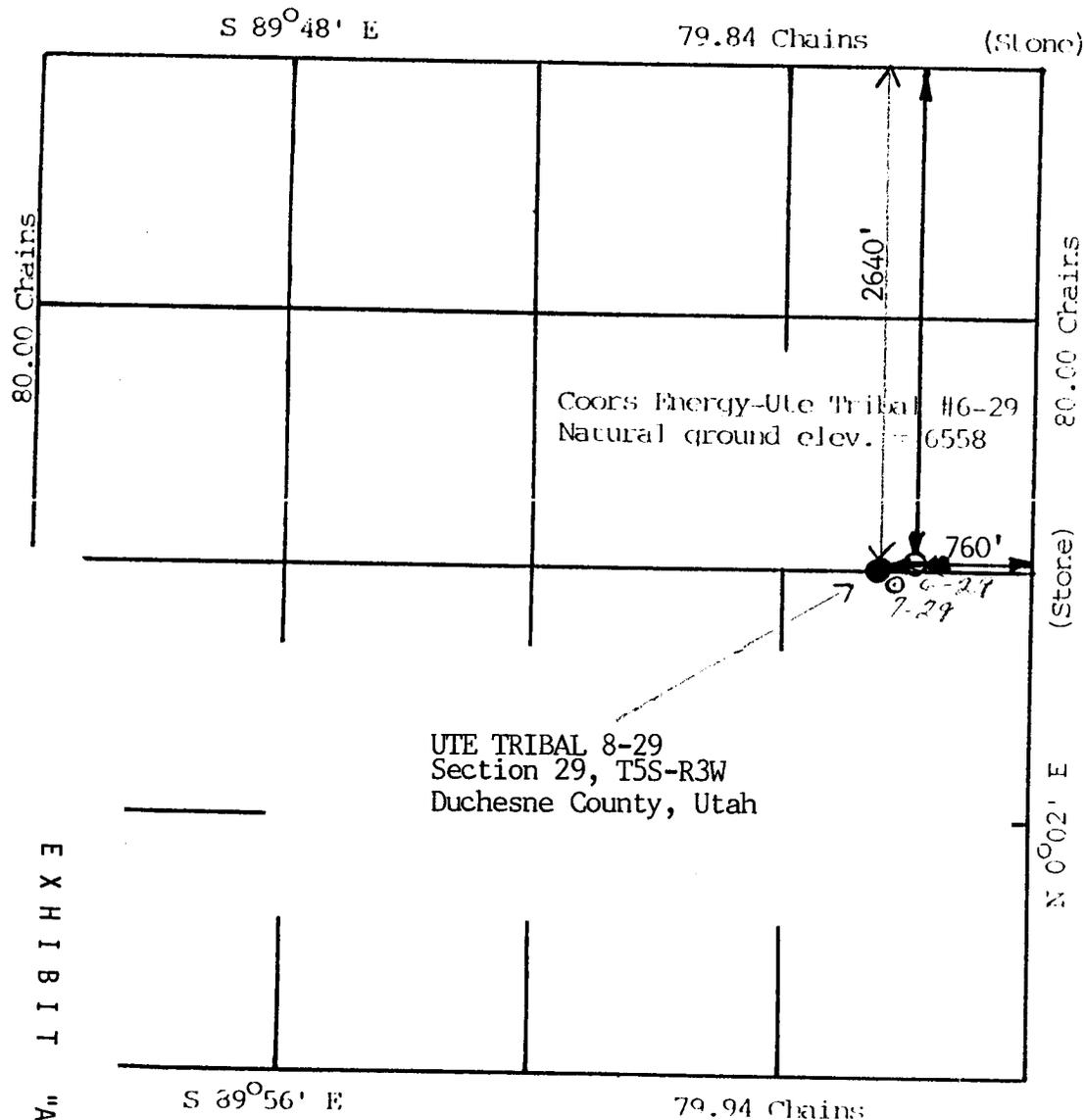
Conditions of approval, if any: _____

DATE: 2-18-92
BY: [Signature]
WELL SPACING: 649-3-3

SECTION 29
 TOWNSHIP 5 SOUTH, RANGE 3 WEST
 UTAH SPECIAL BASE AND MERIDIAN
 DUCHESNE COUNTY, UTAH

COORS ENERGY CO.

WELL LOCATION: S.E.¼, N.E.¼



SCALE 1"=1000'

SURVEYOR'S CERTIFICATE

I, Clinton S. Peatross, Duchesne, Utah, do hereby certify that I am a Registered Land Surveyor, and that I hold License No. 4779, as prescribed by the laws of the state of Utah, and that I have made a survey of the oil well location shown on this plat.

1/14/91
 Date

Clinton S. Peatross
 Clinton S. Peatross
 License No. 4779, (Utah)

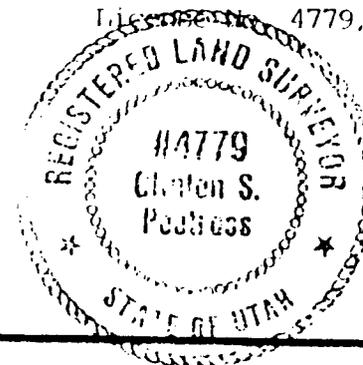


EXHIBIT "A"

Section data obtained from G.L.O. plats.
 Job #487

DRILLING PROGRAM

Ute Tribal 8-29
Section 29, T5S-R3W, SE/NE
Duchesne County, Utah
Lease No. 14-20-H62-3518

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

All lease operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR Part 3160), Onshore Oil and Gas Orders, and the approved plan of operations. Coors Energy is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to Jim Simonton, Coors Energy Field Supervisor, to ensure compliance.

DRILLING PROGRAM

The duration of drilling operations for this well will be approximately 3 days.

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

This well will be spudded and completed in the Uintah Formation. Oil and Gas is expected in a Uintah Sandstone at 650'. No aquifers or other mineral zones are anticipated.

Fresh water is not anticipated.

Coors Energy will report ALL water shows and water-bearing sands to Tim Ingwell of the BLM, Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, Coors Energy will submit samples to the BLM, Vernal, 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.

2. Pressure Control Equipment, See Exhibit "G"

Coors Energy's pressure control equipment will consist of 2000 psi annular preventer and rotating head for diverter system.

No abnormal temperature, pressures or potential hazards are expected. Maximum expected BHP is 280 psi.

Coors Energy will notify the Vernal District Office with sufficient lead time in order to have a BLM AO present to witness pressure testing.

3. Casing Program and Auxiliary Equipment

Coors Energy will use the following casing and cementing program for this well:

<u>SIZE OF HOLE</u>	<u>CASING</u>	<u>SIZE OF LBS/FOOT</u>	<u>SETTING DEPTH</u>	<u>QUANTITY OF CEMENT</u>
12-1/4"	8-5/8"	24.00#/ft.	40'	Ready-mix - 2 yds 10# mix
7-7/8"	5-1/2"	15.50#/ft.	725'	300 sks. Class G

5-1/2" casing will be tacked with cement on bottom, then prestressed and cemented to surface with second stage.

Coors Energy will notify the Vernal District Office, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

The entire well from surface to TD will be drilled with air using a rat hole rig.

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

Coors Energy will send drilling and completion progress reports to the Vernal District Office on a timely basis.

A conventional full core will be taken from the producing zone. A Gamma Ray log will be run from surface to TD.

Any Drill Stem tests (DST) that may be run, 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 vapor proof 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.

Whether the well is completed as a dry hole or as a producer, a "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Copies of electric logs, core descriptions and analyses will be filed with Form 3160-4. If any further information is requested, it will be submitted when requested by the authorized officer (AO).

6. Notifications of Operations

No locations 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.

Coors Energy will report the spud date 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.

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

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

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

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.

Coors Energy shall submit a schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 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.

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

Pursuant to Onshore Oil and Gas Orders, Coors Energy has 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.

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.

In addition, the use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

Coors Energy understands there will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices will be observed. All Coors Energy's wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

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

MULTIPOINT SURFACE USE PLAN
COORS ENERGY COMPANY
Ute Tribals 6-29, 7-29 AND 8-29
SECTION 29, T5S-R3W, SE/NE
DUCHESNE COUNTY, UTAH

The plan to drill this well will be the same as for the Ute Tribal 7-29. The Ute Tribals 7-29 and 8-29 are twin wells to the Ute Tribal 6-29 which was drilled earlier this year.

Coors Energy Company will assure that this APD will be provided to the dirt contractor and will also be posted in the doghouse of the drilling rig during the drilling of this well. A sign will be posted at the entrance to the location with the name of the well, operator and location description. We will notify the BLM in Vernal, Utah between 24 and 48 hours prior to beginning any dirt work on this land and prior to moving in the drilling rig.

1. EXISTING ROADS - See Exhibit "C" and "C-1"

Access to the Coors Ute Tribal 8-29 begins at the City of Roosevelt, Utah, and proceeds along the following roads with approximate mileages as follows:

Proceed westerly out of Roosevelt on Highway 40 for approximately 17.3 miles to the Antelope Canyon County Road, an improved dirt road to the south, proceed southerly along said improved County Road approx. 6.2 miles to a junction, then onto an existing dirt road to the east and southeast for approximately one mile to another junction, continue easterly at this junction for another mile and a junction to the south. Continue southerly for approximately 5 miles to a junction in this road. Turn northeast onto an existing dirt road, proceed northeasterly for approximately one mile and onto an existing access road to the Ute Tribal 1-29 and Ute Tribal 1-28 wells.

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 "C" and "C-1"

The new access road is approximately 500' in length and has a 30' ROW with an 18' running surface maximum. The maximum grade is 2% and no turnouts were required. Borrow ditches were used for drainage as needed. No culverts or bridges, gates, turnouts, cattle guards or fence cuts were required. Source of surfacing material came from the access road soils and subsoils. All travel will be confined to existing access road right-of-ways. The access road surface owner is the Ute Tribe.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/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.

Access roads and surface disturbing activities will conform to standards outlined in the BLM & Forest Service Publication (1989) - Surface Operating Standards for Oil and Gas Development.

3. LOCATION OF EXISTING WELLS - See Exhibit "D"

Within a 1-mile radius of this proposed well, there are 9 producing wells:

Ute Tribals 1-21, 1-28, 4-29, 3-29, 5-29E3, 1-29, 2-29, 1-33, 1-32.

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
- f) plugged wells

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES -
See Exhibit "B"

If the well is a producer, at the time of well completion, a Sundry Notice along with a drawing of the pad site and production facilities will be submitted to the BLM by our Vernal office for approval. Any production facilities will be painted in an earth color to match other Coors' wells in the area.

For drilling operations, a survey map showing rig layout is attached, See Exhibit "B". All necessary surface equipment will be spotted on the 230' x 360' well site pad. Access to the well pad will be on the east side of the location between Pts 1 and 2.

5. LOCATION AND TYPE OF WATER SUPPLY - See Exhibit "H"

This well will be drilled with air/air mist. The source of the water used to drill this well will be from Antelope Creek. Attached is a copy of the Water Permit from the State of Utah, Water Right No. 43-1688, Change Application Number t91-43-02. Water will be drawn from Antelope Draw north 424 feet and west 2569 feet from the E/4 corner of Section 16, T4S-R3W, Duchesne County, Utah.

6. SOURCE OF CONSTRUCTION MATERIALS - See Exhibit "B"

The top 6" of topsoil has been removed from the well pad and stored on the north end of the location between Pts 7 and 8 and as shown on Exhibit "B".

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

7. METHODS FOR HANDLING WASTE DISPOSAL

Mud reserve pits have been located on the north side of the location between points 2 and 3 and will be constructed for containment of drill cuttings as well as all drilling fluids and produced fluids.

Produced waste water will be confined to a plastic lined pit. The plastic will be a minimum of 10 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold

it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. The reserve pit will be constructed so as not to leak, break, or allow discharge of liquids.

After first production, produced waste water will be confined to the lined pit for a period not to exceed 90 days after first production. During the 90 day period, in accordance with NTL-2B, 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.

When the reserve pit is abandoned, it will be allowed to dry and then back-filled after notifying Dale Hanberg of the BIA for approval. The area will then be restored according to BLM requirements.

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. Trash, litter and construction materials will not be littered along road ways or drilling sites. A chemical toilet will be installed during drilling operations. Any disturbed area not required for producing operations will be restored according to BLM instructions.

8. ANCILLARY FACILITIES

Camp facilities or airstrips will not be required.

9. WELL SITE LAYOUT - See Exhibit "B"

Attached is a diagram showing the proposed well site layout spotting the location of the reserve pit, flare pit, pipe racks, rig location, mud tanks, topsoil stockpile, access road, etc.

As can be seen on the Well Site Layout Drawing, the reserve pit will be located on the south side between Points 2 and 3, the flare pit will be located downwind of the prevailing wind direction on the southwest side of the rig, a minimum of 100 feet from the wellhead and a minimum of 30 feet from the reserve pit fence. The BLM will notify us if a variance is required.

The stockpiled topsoil has been stored on the north side between Points 7 and 8. Access to the well pad will be from the east side between Points 1 and 2.

All pits have been fenced with a minimum of 30" net wire mesh fence and topped with at least one strand of barbed wire. The net wire shall be no more than 2" above the ground. The barbed wire shall be 3" above the net wire. Total height of the fence shall be at least 42". Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16'. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on 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.

10. PLANS FOR RESTORATION OF SURFACE - See Exhibit "B"

Surface vegetation scraped off during previous drill site preparation and has been removed and stock-piled prior to topsoil removal. Upon abandonment, vegetation will be redistributed as a mulching agent over the well site. All disturbed areas will be recontoured to the approximate natural contours.

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 harmful 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 reserve pit will be reclaimed within 120 days from the date of well completion.

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, if acceptable to the Ute Tribe, 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

Coors will notify the Surface Owner, Ute Tribe, 48 hours prior to starting rehabilitation procedures.

If this well should have to be plugged and abandoned, Coors Energy Company will submit a subsequent report of abandonment to the BLM.

If the well is abandoned, the access road will be blocked during restoration and prior to reseeding, all disturbed areas including the access road, will be scarified and left with a rough surface.

The abandoned well site, roads or other disturbed areas will be restored to near their original condition including, if applicable, the reestablishment or irrigation systems, soil conditions in irrigated fields to ensure cultivation and harvesting of crops and the revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

11. SURFACE OWNERSHIP

The Ute Tribe has 100% surface ownership of the location of the Ute Tribal 8-29 well site.

12. OTHER INFORMATION - See Exhibit "E"

The Ute Tribal 8-29 is located approximately 10-1/2 miles south of Bridgeland on the Uintah and Ouray Indian Reservation. The area is covered with native sagebrush.

Coors Energy Company will inform all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archeological materials are uncovered during construction, the work that might disturb such materials will stop and the authorized AO will be notified. It is understood that within 5 working days, the AO will inform Coors Energy of the action to take regarding the historical site.

We will follow the recommended procedure and spray with the suggested chemicals to control noxious weeds in these areas.

Drilling rigs and/or equipment will not be stacked or stored on this location after the conclusion of drilling operations without BLM authorization.

Coors Energy Company, nor our subcontractors, anticipates the gathering of firewood or disturbance of saleable timber along roadways. If wood cutting is necessary, however, we will obtain a permit from the Forestry Department of the BIA.

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. See attached Exhibit, Ute Tribal Notice, stating their requirement when traversing or operating on Ute Indian Lands.

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.

No ROW's will be required to access this well site. Access roads constructed will be clearly marked with signs and shall be of sound construction. The signs shall state that the land is owned by the Ute Indian Tribe, the name of the operator, that firearms are prohibited, that permits must be obtained from the BIA before the cutting of any timber or firewood, and that only authorized personnel are permitted.

The well site location will also have an appropriate sign indicating our name, the lease serial number, the well name and well legal description.

**13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION
REPRESENTATIVE**

Doug Sprague
Manager, Engineering
and/Operations
Coors Energy Company
P.O. Box 467
Golden, Colorado 80402
Phone: (303) 278-7030

Jim Simonton
Superintendent
Roosevelt Field Office
Coors Energy Company
P.O. Box 460
Roosevelt, Utah 84066
Phone: (801) 722-9977

CERTIFICATION

See Exhibit "F"

SELF-CERTIFICATION STATEMENT

See Exhibit "I"

/kr



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.



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.

Feb. 3, 1992
Date

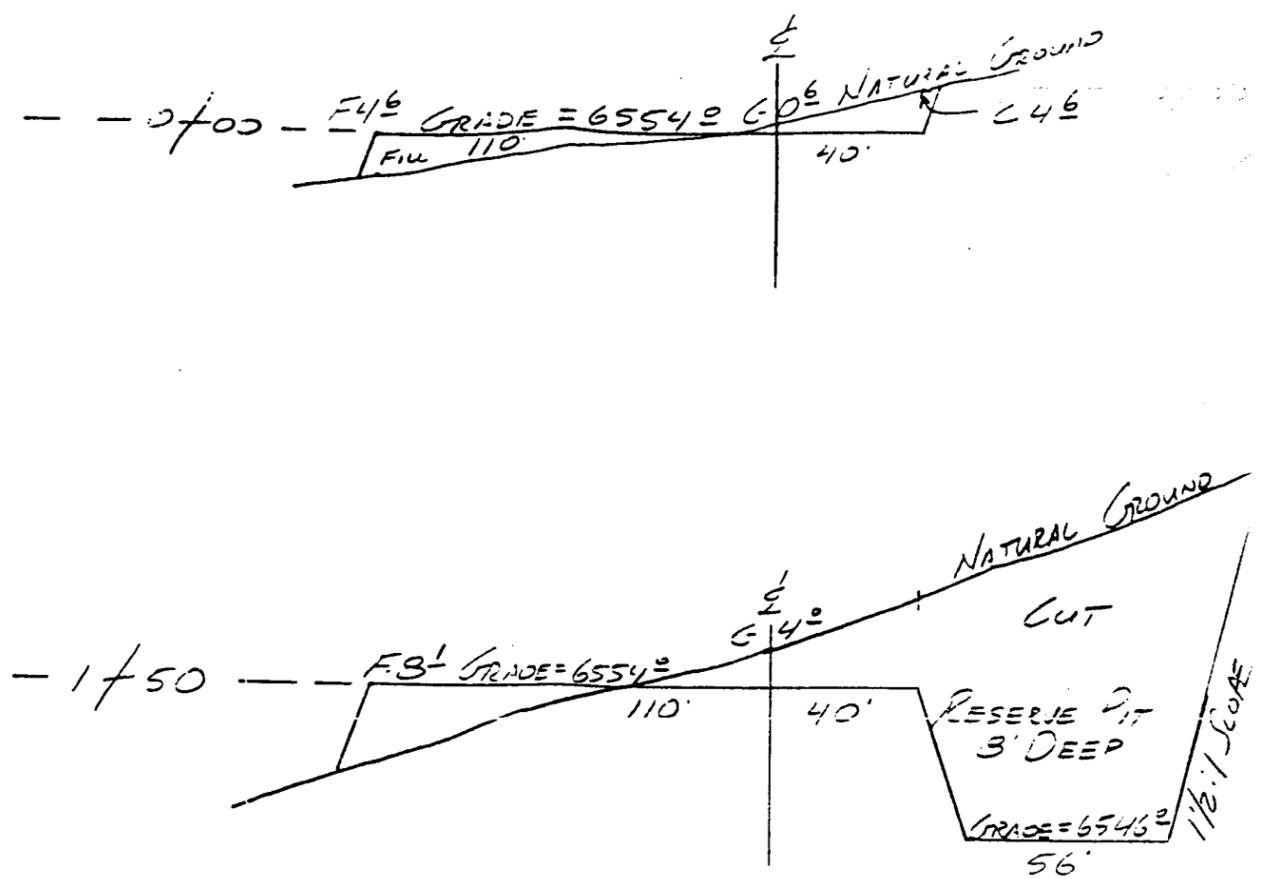
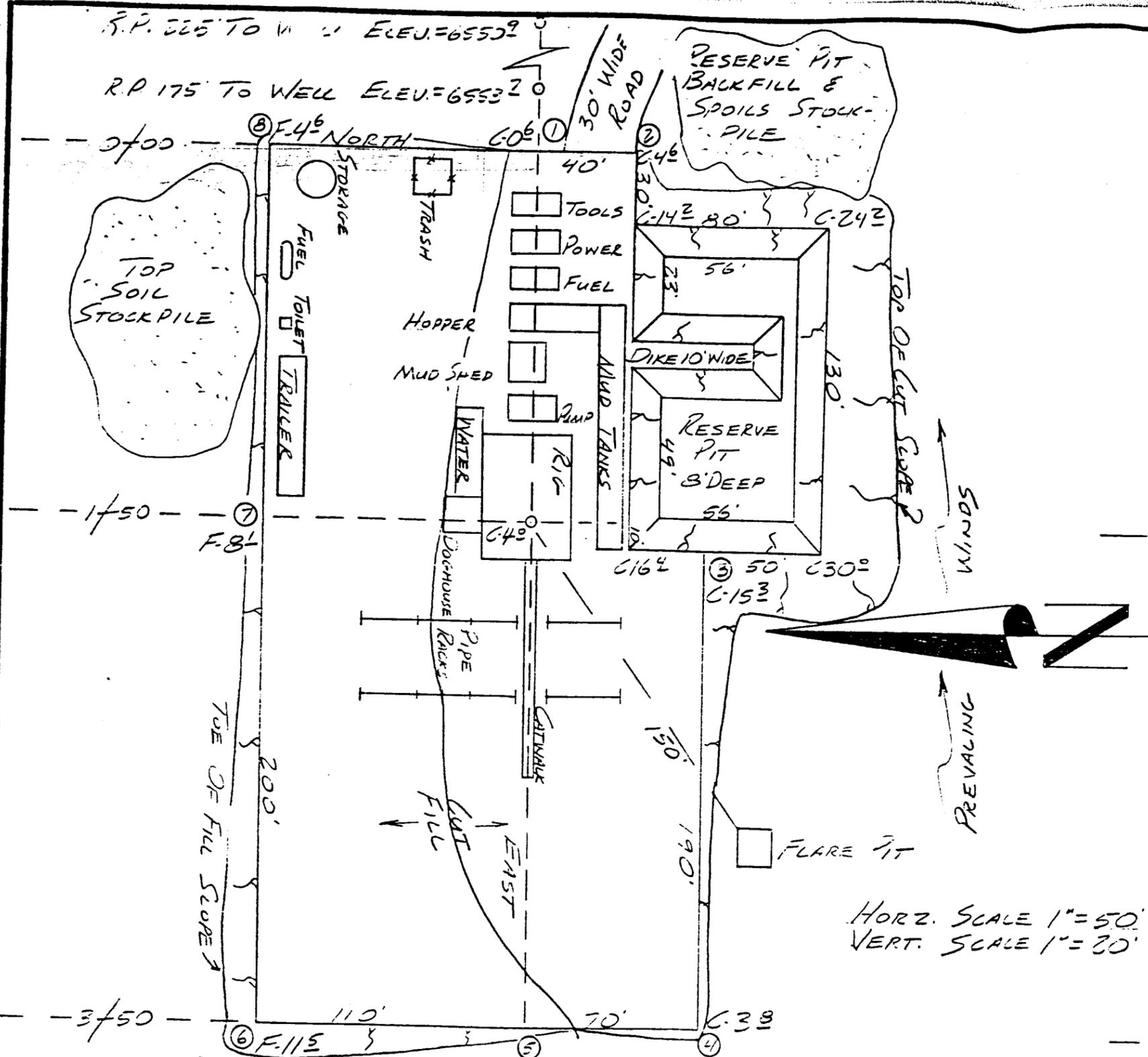
D.S. Sprague
D.S. Sprague
Manager
Engineering and Operations

DSS:kr

E X H I B I T "F"

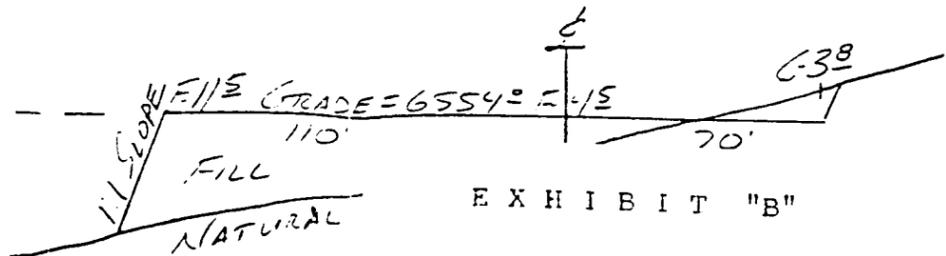
1. Self-certification statement. Under the Federal regulations in effect as of June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate Bureau office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

"Please be advised that Cools Energy Company is considered to be the operator of Well No. Ute Tribal 8-29; SE 1/4 NE 1/4 Section , Township 5S, Range 3W; Lease 14-20-H62-3518; Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by American Casualty Co. of Reading, PA. (blanket bond No. C0019-BLM)



COORDS ENERGY-UTE TRICAL = 6-29
SECTION 29, T.5 S., R.3 W., A.5 R. 11A

HORZ. SCALE 1" = 50'
VERT. SCALE 1" = 20'



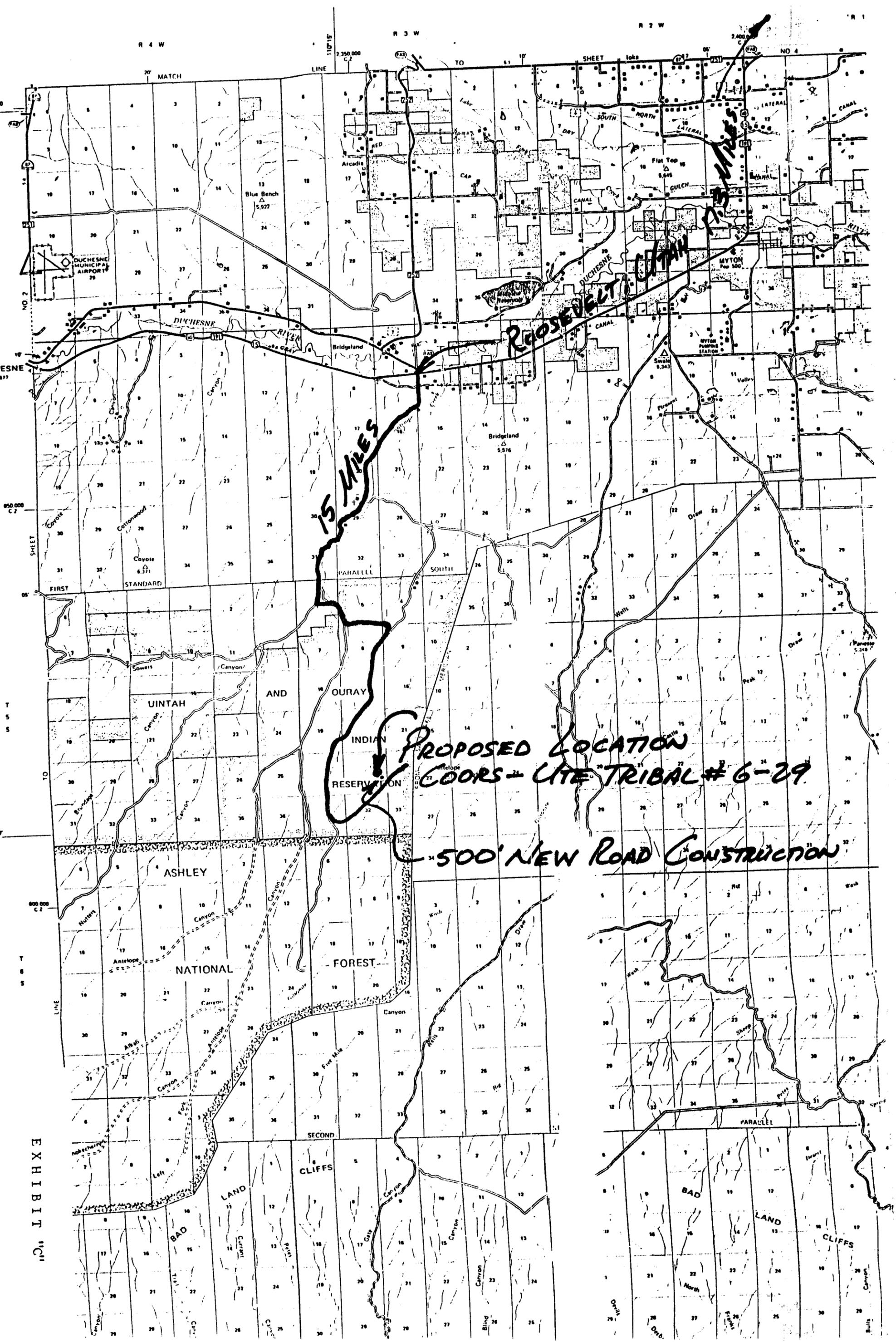
- APPROXIMATE YARDAGES
- 4540 CUBIC YARDS CUT ON PAD
 - 4160 CUBIC YARDS FILL ON PAD
 - 7200 CUBIC YARDS CUT ON PIT
 - 500 FEET OF NEW ROAD CONSTRUCTION 30 FEET WIDE...



1/21/91

PREPARED BY
PEATROSS LAND SURVEYS
REGISTERED LAND SURVEYORS
P.O. BOX 271
DUCESNE, UTAH 84021
(801) 738-2386

53#482



15 MILES

PROPOSED LOCATION
COORDS - UTE TRIBAL # 6-29
500' NEW ROAD CONSTRUCTION

EXHIBIT 'C'

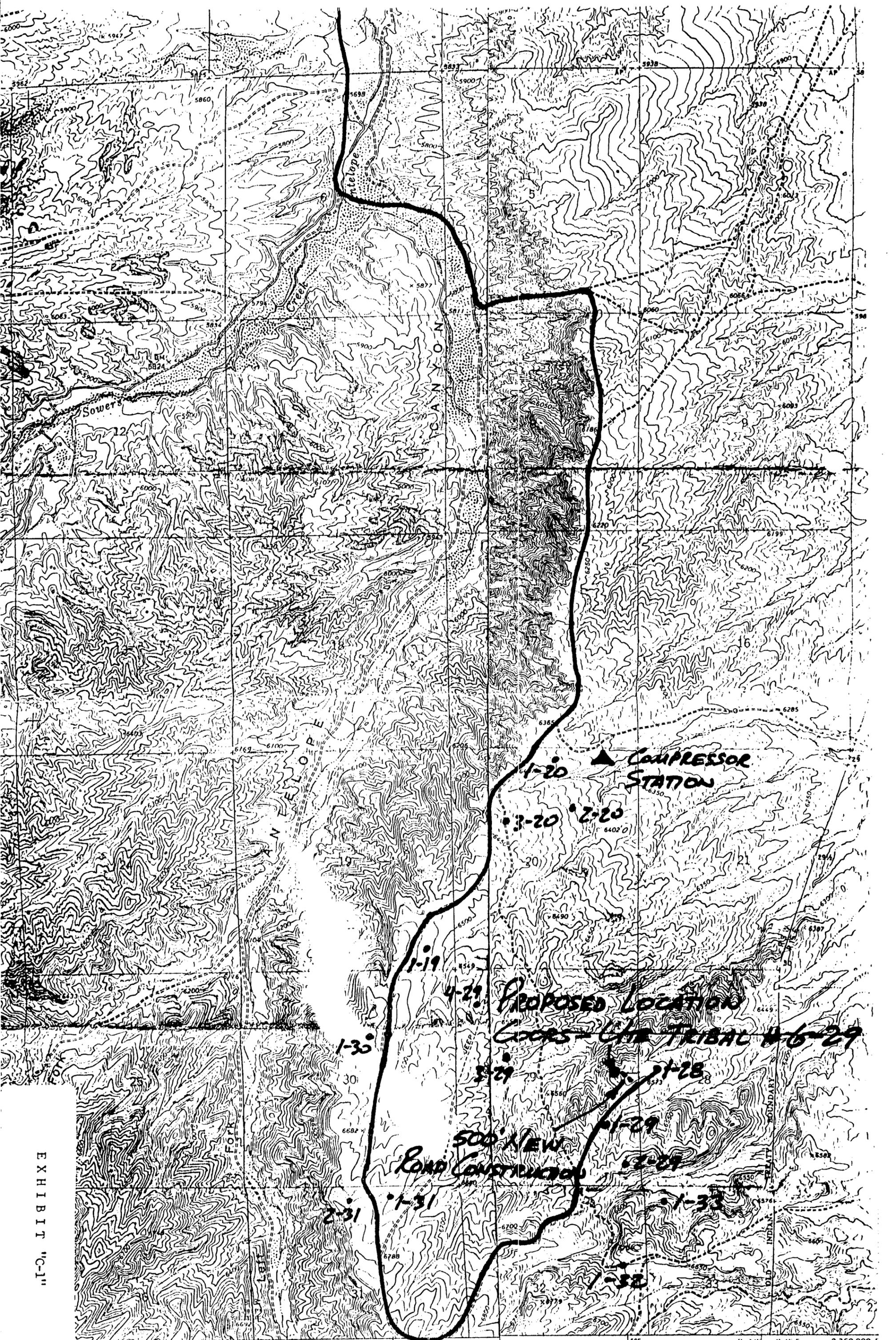
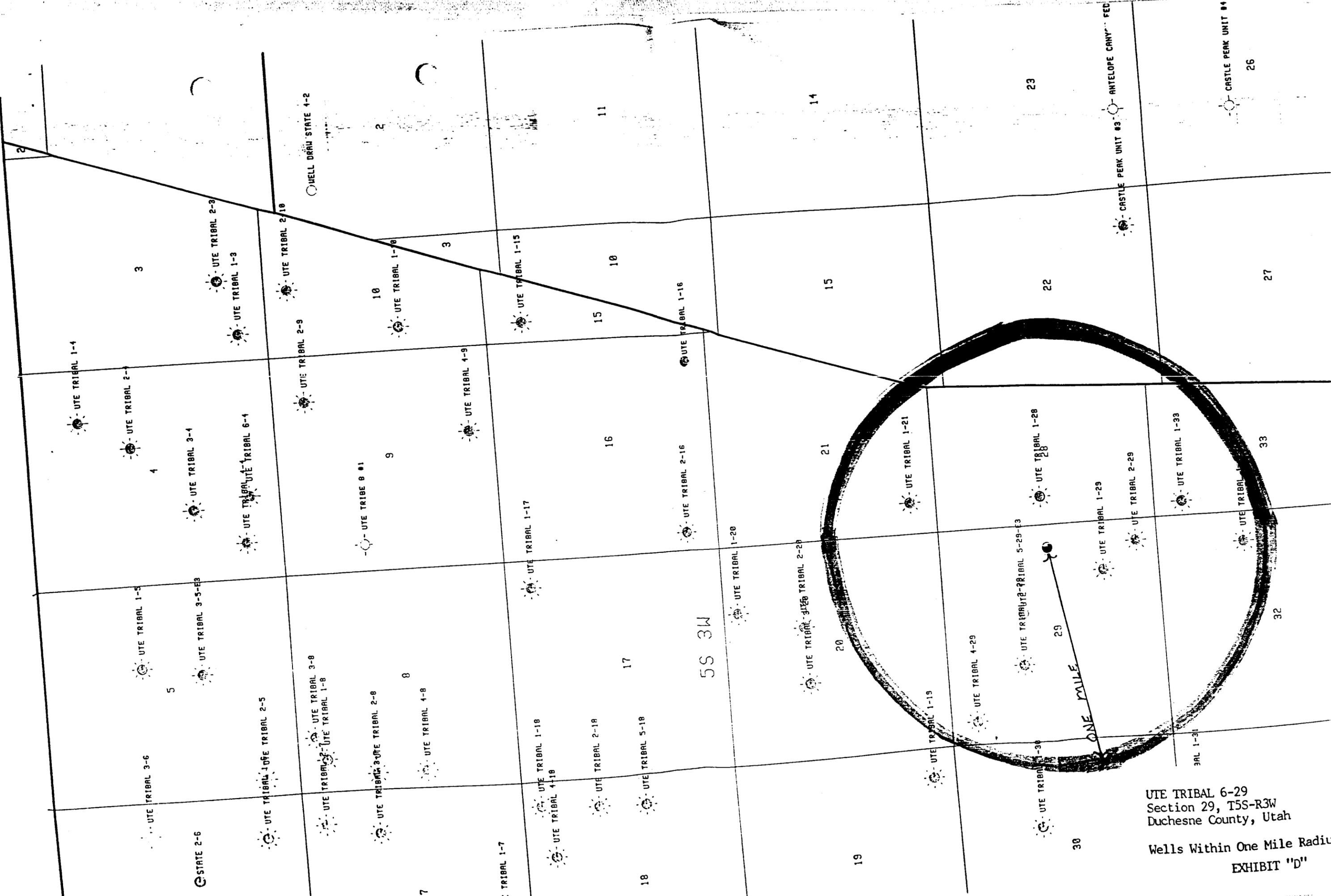


EXHIBIT "C-1"



UTE TRIBAL 6-29
 Section 29, T5S-R3W
 Duchesne County, Utah
 Wells Within One Mile Radius
 EXHIBIT "D"

OPERATOR Cool Energy Co N-5090 DATE 11-11-90

WELL NAME Ute Tribal 8-09

SEC SENE 09 T 5S R 3W COUNTY Dickinson

43-013-31353
API NUMBER

Indian (w)
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND

NEAREST WELL

LEASE

FIELD USOM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

This well is to be a well steam pilot project (see plat) water permit 43-1688 (+91-43-00) Moon

Exception Location

Pilot project: Ute Tribal 8-29.

Ute Tribal 7-29.

Ute Tribal 6-29 Green River Completion.

APPROVAL LETTER:

SPACING: R615-2-3

N/A
UNIT

R515-3-2

N/A
CAUSE NO. & DATE

R. 649-3-3
~~R615-3-3~~

STIPULATIONS:

1. Upon successful completion of this Pilot Project the operator shall present a request for Agency Action to the Board of Oil Gas and Mining in order to establish spacing for the area.



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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

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

February 18, 1992

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

Gentlemen:

Re: Ute Tribal 8-29 Well, 2640 feet from the north line, 760 feet from the east line, SE 1/4 NE 1/4, Section 29, Township 5 South, Range 3 West, Duchesne County, Utah

Pursuant to Utah Admin. R. 649-3-3 (formerly R. 615-3-3) and Utah Admin. R. 649-3-4 (formerly R. 615-3-4), approval to drill the referenced well is hereby granted.

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

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq. (formerly R. 615-1 et seq.), Oil and Gas Conservation General Rules.
2. Notification within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.

Page 2
Coors Energy Company
Ute Tribal 8-29
February 18, 1992

6. Compliance with the requirements of Utah Admin. R. 649-3-20 (formerly R. 615-3-20), Gas Flaring or Venting, if the well is completed for production.
7. If the Ute Tribal 8-29 well is completed for production and the pilot project is successful, Coors Energy Company is required to submit a Request for Agency Action to the Board of Oil, Gas and Mining for a hearing to determine the appropriate drilling and spacing units for the area.

Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site should be submitted to the local health department. These drilling operations and any subsequent well operations should be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Department of Environmental Quality, Division of Drinking Water/Sanitation, telephone (801)538-6159.

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 43-013-31353.

Sincerely,



R.J. Firth
Associate Director, Oil and Gas

ots
Enclosures
cc: Bureau of Land Management
J.L. Thompson
WO11



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078

Phone (801) 789-1362

FAX (801) 789-3634



IN REPLY REFER TO:

3162.35
U-08438

APR 5 1993

ATTN: James G. Stephen
Evertson Oil Company, Inc.
P.O. Box 397
Kimball, NE 69145

Re: Notification of Expiration
Well No. Ute Tribal 8-29
Section 29, T5S, R3W
Duchesne County, Utah
Lease No. 14-20-H62-3518
43-013-31353

Dear Mr. Stephen:

The Application for Permit to Drill the above-referenced well was approved on March 31, 1992. Since that date, no known activity has transpired at the approved location. Applications for Permit to Drill are effective for a period of one year. In view of the foregoing, this office is notifying you the approval of the referenced application has expired. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

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

Sincerely,

Howard B. Cleavinger II
Assistant District Manager for Minerals

cc: State Division Oil, Gas & Mining

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APR 12 1993

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Coors Energy Company

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: 2640' FNL, 760' FEL, SE/NE
 At proposed prod. zone: same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 approximately 10-1/2 miles south of Bridgeland, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 760'

16. NO. OF ACRES IN LEASE
 640

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 50'+

19. PROPOSED DEPTH
 725'

20. ROTARY OR CABLE TOOLS
 rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6554' GL

22. APPROX. DATE WORK WILL START*
 February, 1992

RECEIVED
APR 15 1992
DIVISION OF OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-3518

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Ute Tribal

9. WELL NO.
 8-29

10. FIELD AND POOL, OR WILDCAT
 Antelope Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 29, T5S-R3W, SE/NE

12. COUNTY OR PARISH
 Duchesne

13. STATE
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.00#	40'	conductor
7-7/8"	5-1/2"	15.50#	725'	300 sks.

Casing type: K55-STC

See attached Drilling Program and Multipoint Use Plan for more details.

This well will be drilled as a twin to the Ute Tribal 7-29 which is located located on the same drilling pad, no further surface disturbances will occur.

The 8-29 and 7-29 will form a 2-well steam pilot project for determining the feasibility of a larger multi-well pattern flood. The initial 2-well pilot will be a cyclic steam project to recover crude oil that is immobile at existing bottom hole temperature conditions.

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

24. SIGNED: D.S. Spague TITLE: Manager - Engineering/Operations DATE: 1/31/92

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE: MAR 8 1 1992

APPROVED BY: [Signature] TITLE: ASSISTANT DISTRICT MANAGER MINERALS DATE: MAR 8 1 1992

CONDITIONS OF APPROVAL, IF ANY: _____

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

UT080-2M-092

*See Instructions On Reverse Side

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

D.S. Spague

memorandum

DATE: **MAR 11 1992**

REPLY TO
ATTN OF:

Superintendent, Uintah and Ouray Agency

SUBJECT:

Concurrence Letter for Coors Energy Company
Ute Tribal 8-29, Sec. 29, T5S-R3W

MAR 1992

TO:

Bureau of Land Management, Vernal District Office
Attention: Mr. David Little

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

Based on available information received on February 21, 1992, we have cleared the proposed location in the following areas of environmental impact.

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

COMMENTS: This well is located on fee surface and tribal minerals so therefore there are no environmental concerns and concurrence is recommended.



DIVISION/AREA	INITIALS	ASSIGNED
Dist. Mgr.	<i>DL</i>	
Planning		
Administration		
Resources		
Operations		
RECEIVED		
MAR 19 1992		
BUREAU OF LAND MGMT. VERNAL, UTAH		
Minerals		✓
Dra. Mts.		
Bookcliff		
All Employees		

Dir OGM

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Coors Energy Company

Well Name & Number: Utah Tribal 8-29

Lease Number: 14-20-H62-3518

Location: SENE Sec. 29 T. 5S R. 3W

Surface Ownership: Tribal Lands administered by BIA

RECEIVED

APR 13 1992

DIVISION OF
OIL GAS & MINING

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

A. DRILLING PROGRAM

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

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

2. Pressure Control Equipment

Chart recorders shall be used for all pressure tests.

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

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

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

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

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

5. Coring, Logging and Testing Program

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

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

6. Notifications of Operations

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

All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to.

7. Other Information

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.

All measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

In the event after-hours 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

BLM FAX Machine (801) 789-3634

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

B. SURFACE USE PROGRAM

1. Methods for Handling Waste Disposal

The reserve pit shall be lined with a nylon reinforced plastic liner with a minimum thickness of 12 mils.

2. Well Site Layout

All pits will be fenced with a 39-inch net wire with at least one strand of barbed wire on top, and in accordance with other minimum BLM fence standards.

3. Plans for Restoration of Surface

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

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

The plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit.

4. 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.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.



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 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 14, 1993

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

Dear Mr. Sprague:

Re: Well No. Ute Tribal 8-29, Sec. 29, T. 5S, R. 3W, Duchesne County, Utah
API No. 43-013-31353

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/lde

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

WOI196

