

DIA
HIGHT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-53611

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-29MW

10. FIELD AND POOL, OR WILDCAT

Wildcat (0017)

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

Sec. 29, T24S-R15E

12. COUNTY OR PARISH 13. STATE

Emery

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or to test a different reservoir. Use "APPLICATION FOR PERMIT" for this purpose.)

RECEIVED
OCT 23 1989

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Coors Energy Company

3. ADDRESS OF OPERATOR

PO Box 467, Golden, Colorado 80402

DIVISION OF
OIL, GAS & MINING

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

At surface

2500'FWL, 900'FNL, NE/NW

14. PERMIT NO.

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

5547'GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

Please note a change in footages for the above named well from:

2733'FWL, 756'FNL - NW/NE

to

2500'FWL, 900'FNL - NE/NW

Attached is a revised copy of the survey plats to replace the plats previously sent.

This change has been discussed with your office with our field superintendent, Jake Amen.

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

SIGNED

D.S. Sprague
D.S. Sprague

TITLE

Manager, Engineering

DATE

10-9-89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

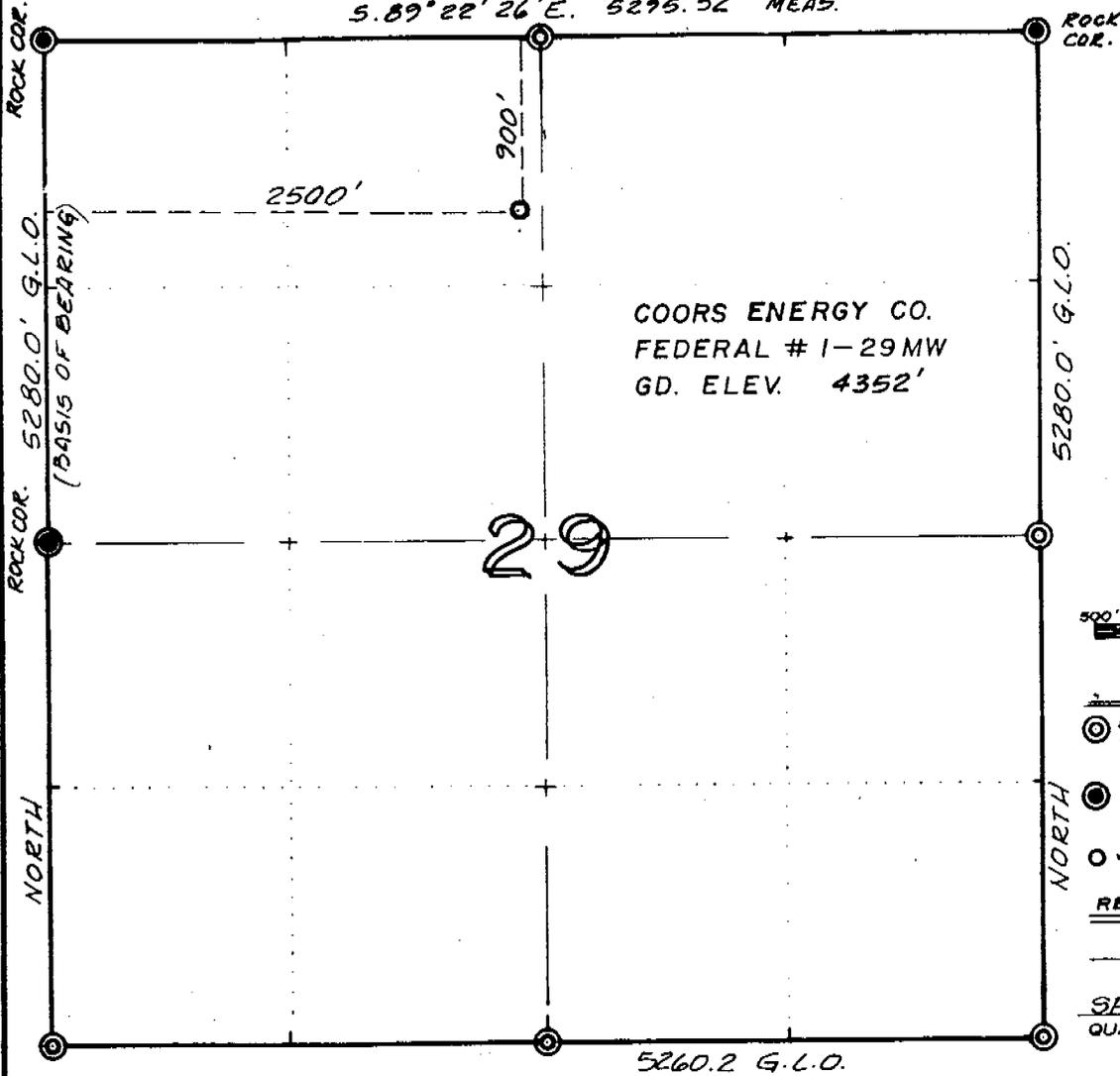
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

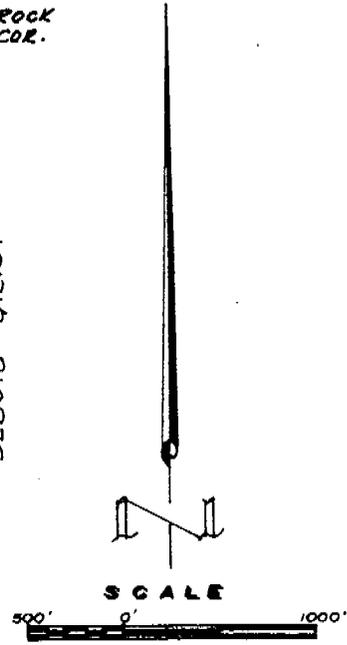
LOCATION PLAT

SEC. 29, T. 24S., R. 15E. OF THE S.L.M.

S. 89° 22' 26" E. 5275.52' MEAS.



COORS ENERGY CO.
FEDERAL # 1-29 MW
GD. ELEV. 4352'



- LEGEND**
- ⊙ STANDARD LOCATION OF GLO SECTION CORNER
 - GLO CORNERS FOUND
 - WELL LOCATION STAKED.
- REFERENCE DOCUMENTS**
- 1885 GLO PLAT
 - SPRING CANYON, UTAH QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR COORS ENERGY CO.
 TO LOCATE THE COORS FED. #1-29 MW, 900' F.N.L. &
2500' F.W.L. IN THE NE 1/4 NW 1/4, OF SECTION 29, T.24S., R.15E
 OF THE SLM EMERY COUNTY, UTAH



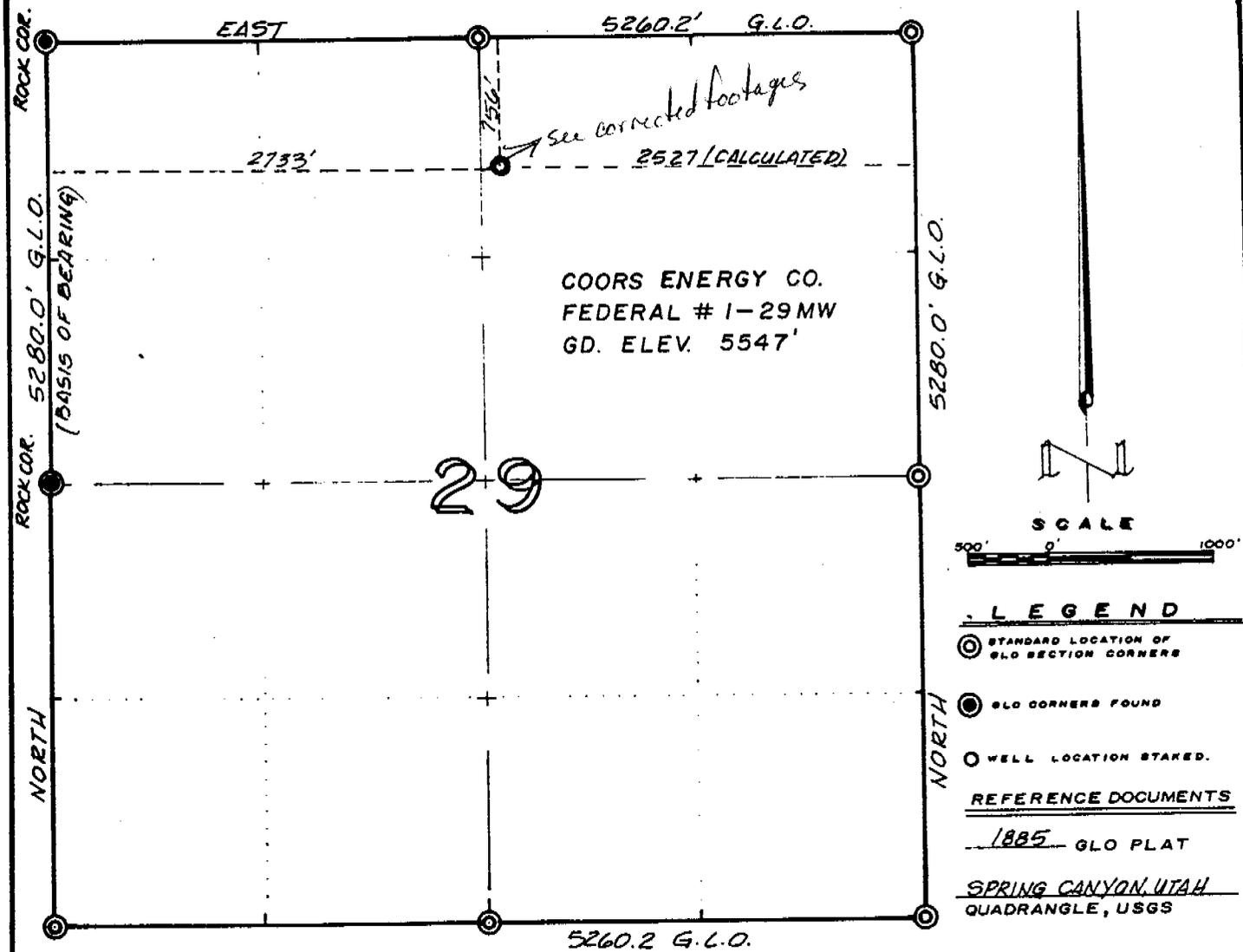
SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

Larry D. Becker
S. 4189 UTAH

REVISED	9-2-89	10-3-89	ENERGY SURVEYS & ENGINEERING CORP. 715 HORIZON DRIVE, SUITE 330 GRAND JUNCTION, CO 81501 (303) 248-7221	SCALE 1" = 1000'
DRAWN	9-3-89	10-4-89		JOB NO.
CHECKED	9-3-89	10-4-89		SHEET OF

SEC. 29, T. 24S., R. 15E. OF THE S.L.M.



THIS WELL LOCATION PLAT WAS PREPARED FOR COORS ENERGY CO.
 TO LOCATE THE COORS FED. # 1-29 MW, 756' F.N.L.
2733' F.W.L. IN THE NW 1/4 NE 1/4, OF SECTION 29, T. 24S., R. 15E
 OF THE SLM EMERY COUNTY. UTAH

EXHIBIT "A"



SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

Larry D. Becker

DESIGNED	9-2-89	ENERGY SURVEYS & ENGINEERING CORP. 715 HORIZON DRIVE, SUITE 530 GRAND JUNCTION, CO 81501 (303) 245-7221	SCALE 1" = 1000'
DRAWN	9-3-89		JOB NO.
CHECKED	9-3-89		SHEET 02



RECEIVED
NOV 02 1989

DIVISION OF
OIL, GAS & MINING

October 30, 1989

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

Dear Mr. Firth:

Coors Energy Company requests an exception to the spacing location for the following well:

Federal 1-29MW
Section 29, T24S-R15E
Emery County, Utah

The proposed wellsite is not within the spacing requirement from the quarter-quarter line in the NW/4NE/4 of Section 29, T24S-R15E. See a copy of the survey plat attached.

The proposed well site was selected for geological reasons.

Coors Energy Company is the lease owner of all lands within a 460' radius of the proposed location as our lease covers the N/2 of Section 29 and all of Section 20 directly above the well.

Thank you for your consideration.

Very truly yours,

Doug S. Sprague
Manager, Engineering

DSS:
Attachments

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL DEEPEN PLUG BACK

b. Type of Well
Oil Well Gas Well Other

2. Name of Operator
Coors Energy Company

RECEIVED
NOV 02 1989

5. Lense Designation and Serial No.
U-53611

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lense Name
Federal

9. Well No.
1-29MW

10. Field and Pool, or Wildcat
Wildcat (001)

11. Co., Sec., T., R., H., or B.L. and Survey or Area
Sec. 29, T24S-R15E

12. County or Parrish
Emery

13. State
Utah

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 2733' FWL, 756' FNL, NW/NE see corrected footages
At proposed prod. zone same 2500' FWL, 900' FNL (NENW)

14. Distance in miles and direction from nearest town or post office*
approximately 21 miles southwest of Green River, Utah

DIVISION OF
OIL, GAS & MINING

15. Distance from proposed location* to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
1884'

16. No. of acres in lease
5120'+

17. No. of acres assigned to this well

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.
none

19. Proposed depth
6820' miss. 100'

20. Rotary or cable tools
rotary

21. Elevations (Show whether DP, RT, GR, etc.)
5547' GL

22. Approx. date work will start*
Nov. 15, 1989

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
See attached drilling program for details				

See attached application for details.

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: D.S. SDRAGUE Title: Manager, Engineering Date: 10/30/89

(This space for Federal or State office use)

APT NO. 43-015-30235 Approval Date _____

Approved by _____ Title _____

Conditions of approval, if any: _____

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

DATE: 11/15/89

BY: [Signature]

WELL SPACING: R615-3-3

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Federal 1-29MW
Section 29, T24S-R15E, NW/NE
Emery County, Utah
Lease No. U-53611

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 Jake Amen, Coors Energy Grand Junction field supervisor, to ensure compliance.

DRILLING PROGRAM

The duration of drilling operations for this well will be approximately 30 days.

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

This well will be spudded in the Jurassic Carmel Formation. Oil and Gas is expected in the Mississippian Formation. An aquifer may be encountered in the Navajo Sandstone. No other mineral zones are anticipated. The following formation tops and their estimated depths are expected to be encountered in the drilling of this well.

Chinle 1120', Hermosa 3820', Desert Creek 5020', Miss. 6320', TD 6820'

Coors Energy will report ALL water shows and water-bearing sands to Neil Simmons of the Moab BLM. 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 in Moab, along with any water analyses conducted.

2. Pressure Control Equipment, See Exhibit "J"

Coors Energy's pressure control equipment will consist of 3000 psi double rams and an annular preventer. The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment specifications and testing procedures. See Exhibit "J" - Blowout Prevention Equipment (diagram on front side of exhibit) and the configuration drawing of 3M Choke Manifold equipment on the backside of the Exhibit.

Ram preventers will be tested to a minimum of 70% of the internal yield of the casing. Annular preventers will be tested to 50% of internal yield of casing. Pressures will be maintained at least 10 minutes.

Tests will be conducted when initially installed, following repairs and at 30-day intervals. Tests will be done prior to drilling out from under all casing strings cemented in place.

Rams will be operated at least daily and recorded on daily drilling reports.

Well control equipment will also consist of a full opening safety valve to fit the drill string and kelly cock valves will be used.

No abnormal temperature pressures or potential hazards are expected. Maximum expected BHP is 2900 psi.

Coors Energy will notify the Moab District Office with sufficient lead time in order to have a BLM representative present while 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>Size of Csg</u>	<u>Wt on Foot</u>	<u>Setting Depth</u>	<u>Qty of Cmt</u>
17-1/2"	13-3/8"	conductor pipe	80'	(to be preset by Coors)
12-1/4"	9-5/8"	36.00# K55 STC	750'	500 sks. cement
8-3/4"	5-1/2"	17/15.50# K55	6,820'	600 sks. to bring cement top to 5000'.

The following design factors were used: internal yield 1.100, Collapse 1.125, tension 1.600.

All casing is new with 8-round threads. All casing strings below conductor will be pressure tested to 0.22 psi per foot of setting depth or 1500 psi, whichever is greater, but not to exceed 70% of internal yield.

Coors Energy will notify the Moab 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 proposed circulating medium down to approximately 5000' will be gel/polymer with additives as needed to control mud properties and bottom hole pressures. From 5000' to TD a salt mud system will be used.

Mud properties will be checked daily to ensure an adequate mud system is maintained.

5. Coring, Logging and Testing Program

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

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Drilling Program
Federal 1-29MW
Coors Energy Company

Sidewall coring & drill stem tests may be run in potential pay zones. DLL (Dual Laterolog) and D-N (Density Neutron) logs will be run from TD to 750'. Coors Energy reserves the right to change the logging program.

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

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

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

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

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.

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 Moab 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.

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."

Coors Energy understands that 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.

Page 6
Drilling Program
Federal 1-29MW
Coors Energy Company

If Coors Energy fails to comply with this requirement in the manner and time allowed, Coors Energy will 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 of Title 43 CFR 3162.4-1(b)(5)(ii).

Coors Energy understands the 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, Coors Energy will contact one of the following individuals:

Neil Simmons (801)637-4584
Geologist
BLM, Moab District

Lynn Jackson, (801)259-6111
Chief, Branch of Fluid Minerals

Fred Oneyear (801)259-6111
I&E Coordinator

DSS:kr

5569R

MULTIPOINT SURFACE USE PLAN

COORS ENERGY COMPANY
FEDERAL 1-29MW
SECTION 29, T24S-R15E, NW/NE
LEASE NO. U-53611

Coors Energy Company will assure that this APD will be posted in the doghouse of the drilling rig during the drilling of this well. Also, a sign will be posted at the entrance to the location with the name of the well, operator and location description. We will notify the Moab BLM 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 E & K

Access to the Federal 1-29MW begins at Green River, Utah and proceeds westerly on Highway I-70 for approximately 10 miles to the Highway 24 intersection, turn left, south onto Highway 24 and proceed on this road for approximately 21 miles to a dirt road to the left, proceed southerly on this road for approximately 6 miles, and then easterly along the same road for approximately 4 miles to a dirt road to the left, (north) and proceed northeasterly approximately 13-1/2 miles to the access road to the right and onto the well location.

Coors has no plans to upgrade or change existing roads. Existing roads will be maintained by Emery County or the Utah Department of Highways.

2. PLANNED ACCESS ROAD - See Exhibits E & K

The planned access road will be approximately 0.7 miles long. Surface disturbance and vehicular travel will be limited to approved location and access road. The access road will be rehabilitated within 60 days if the well is plugged and abandoned from the time the rig leaves the location.

The access road will be brought to Class III resource road standards 60 days after the rig leaves location.

Maintenance will consist of periodic grading and repairs to the surface. Rain and other inclement weather may require repairs to ditches, culverts, waterbars, etc.. Waterbar or turnouts on slopes will be constructed as necessary for good drainage and to prevent washes. Maximum road grade will be 10% and up to 15% for 100' or less. Due to sandy road conditions, two roadway turnouts will be constructed for passing vehicles, one will be 1/3 distance in from County Road and the second one about 2/3 distance towards the well.

There is a section of the access road, which is approximately 200' in length that extends past the lease boundary. Coors Energy Company has requested permission from the BLM in Moab for use of this road.

Materials for constructing the new access road will come from a private source in the area. No surface gravel or dirt will be used from BLM sources. The new access road will be constructed with a 18' wide road surface. Not over 40' will be cleared to construct the new access road.

3. LOCATION OF EXISTING WELLS

Within a one-mile radius of this proposed well there are no

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

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Coors Energy Company has no facilities in this area at this time. Any future production facilities will be located on the well pad and painted in a color as specified by the BLM. If the well becomes a producer, a Sundry Notice will be provided to the BLM to request approval of the production facilities.

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

A Temporary Water Use Permit has been obtained from the State of Utah to acquire water during the drilling of this well. The water will be hauled via truck from the Fremont River. The point of diversion is S. 1650' and W. 1300' from the NE corner of Section 10, T28R-R11E, SLB&M. Approximately 6000 barrels 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 north and south sides of the location. Topsoil along the access road will be left in place. Access to the location will be from the south corner of the pad. The reserve pit will be on the northeast side of the location. Fill materials needed to construct the location will be derived locally from cuts needed to build the well pad. Any artifacts found on BLM lands will be left in place and the BLM promptly notified.

7. METHODS FOR HANDLING WASTE DISPOSAL

Upon completion of the well, the mud reserve which will be constructed for containment of drill cuttings as well as all drilling fluids and produced fluids, will be allowed to dry and then back-filled and the area restored according to BLM requirements.

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. If the well is a producer, upon completion of the drilling operations, the fourth side will be fenced. The fence around the reserve pit will be kept in good repair while the reserve pit is drying. In this case, it is not required that the reserve pit be lined. Produced waste water will be confined to the pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

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 roadways or drilling sites. Any disturbed area not required for producing operations will be restored according to BLM instructions. The production facilities will create no additional surface disturbances. A chemical-type toilet will be used on the wellsite.

8. ANCILLARY FACILITIES

There will be camp facilities on location as part of the drilling operation.

9. WELLSITE LAYOUT - See Exhibit D

A plat is attached showing the rig layout. All necessary surface equipment will be spotted on the 250 x 350' wellsite pad.

10. PLANS FOR RESTORATION OF SURFACE - See Exhibit B

Surface vegetation scraped off during drill site preparation will be removed and stockpiled prior to topsoil removal. Upon abandonment, vegetation will be redistributed as a mulching agent over the wellsite. The top 6" of topsoil will be stockpiled on the north and south corners of the well site as shown on the wellsite layout.

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. Revegetation and screening for visual effect will be done in accordance with BLM stipulations.

The original surface will be reconstructed as close as possible upon abandonment. The stockpiled 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. 12.3.84

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 be blocked during restoration. Prior to reseeding, all disturbed areas, including the access road, will be scarified and left with a rough surface. The reserve pit, and that part of the location not needed for production, will be reclaimed in the same manner outlined in this Section. The rehabilitated access road will be blocked to prevent any vehicle use.

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

Indian Ricegrass (<i>Oryzopsis hymenoides</i>)	2#/acre
Curlygrass (<i>Hilaria Jamesii</i>)	1#/acre
Sand Dropseed (<i>Sporobolus Cryptandrus</i>)	1/2#/acre
Torrey Mormon Tea (<i>Ephedra Torreyana</i>)	1/2#/acre
Winterfat (<i>Euratia Lanata</i>)	1#/acre
Yellow Sweet Clover (<i>Melilotus Officinalis</i>)	1#/acre

This mixture will be drilled to a depth of one-half inch and planted between October 1 and November 30. This seeding program will be modified as per BLM instructions at the time of site restoration.

Coors will notify the BLM in Moab, Utah 48 hours prior to starting rehabilitation procedures.

11. OTHER INFORMATION - See Exhibits A, G, H, J

The Federal 1-29MW located approximately 21 miles southwest of the town of Green River, Utah. An archeological survey was performed on September 7, 1989 by Grand River Consultants, no cultural resource materials or evidence of any historic or prehistoric activity of any significance were identified during the evaluation. No wildlife was observed on the location. There are no occupied dwellings within approximately 2 miles of the wellsite. A copy of the archeological report is attached.

It is Coors' policy that no Coors' employee nor subcontractors carry firearms on access roads nor onto the location during drilling or well completion operations of this well. No prospecting will be allowed on Coors' operations. All operators, subcontractors and vendors will be confined to established roads and wellsites.

The surface and mineral ownership of this property belongs to the Federal Government. Attached is a copy of Federal Lease Agreement #U-53611 conveying approval to Coors Energy Company to drill on this land.

Antelope fawning season is from May 15 to June 15 and although this well should be completed by this time, if for some reason the drilling has not commenced by this date, we will not start operations until after the fawning season.

12. COORS' CONTACTS:

Doug Sprague
Manager, Engineering
Oil & Gas Operations
Coors Energy Company
PO Box 467
Golden, Office 80402
Phone: (303) 278-7030

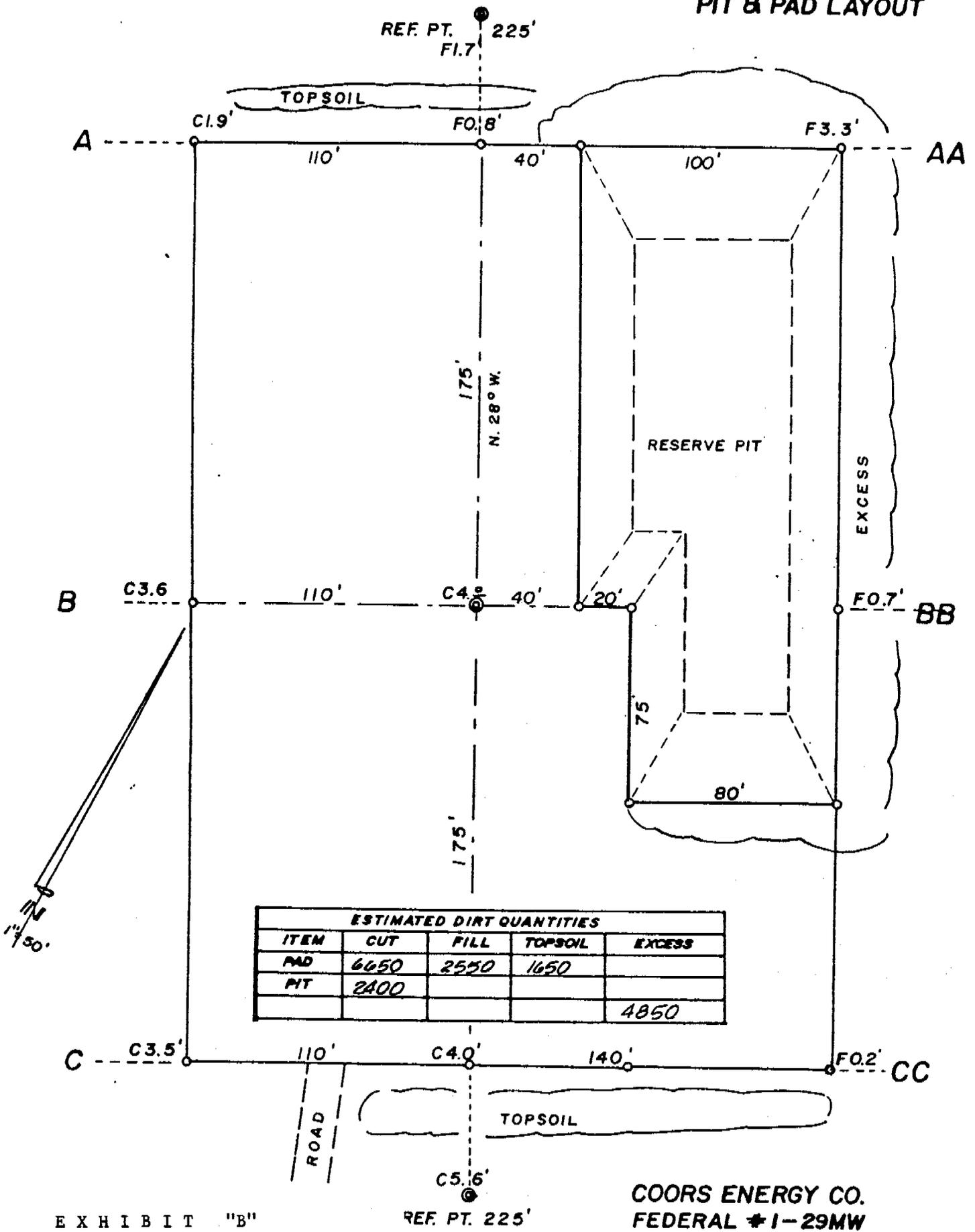
Jake Amen
Field Supervisor
Coors Energy Field Office
825 First Avenue
Grand Junction, Colorado 81501
Phone: (303) 245-8672

13. CERTIFICATION OF OPERATOR

See Exhibit "I" attached.

KR
5565R

PLAT # 2
PIT & PAD LAYOUT



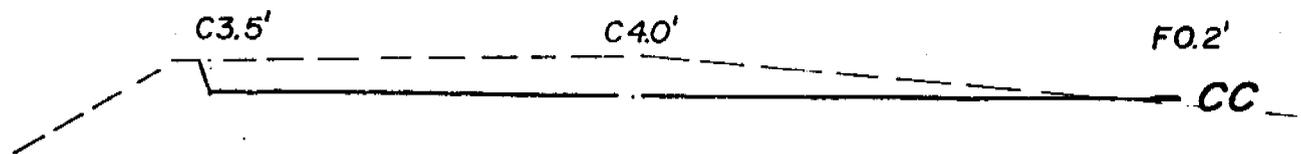
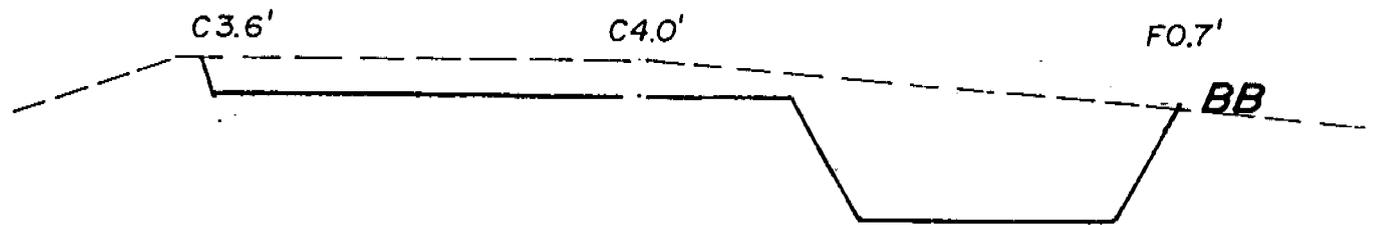
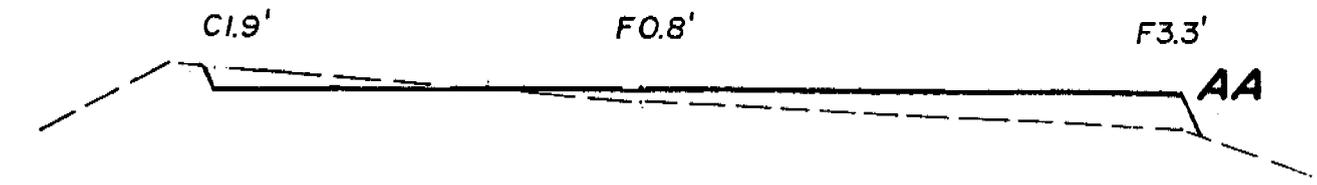
ESTIMATED DIRT QUANTITIES				
ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	6650	2550	1650	
PIT	2400			
				4850

EXHIBIT "B"

REF. PT. 225'

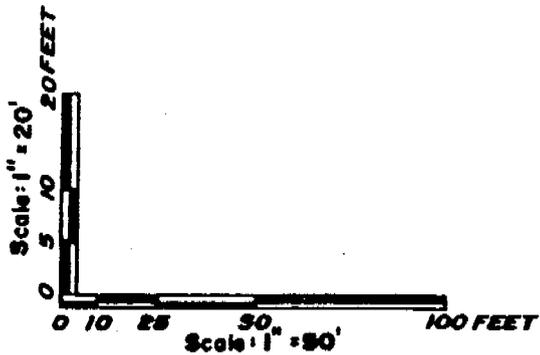
COORS ENERGY CO.
FEDERAL #1-29MW

PLAT NO.
CROSS SECTIONS OF PIT & PAD



COORS FEDERAL #1-29 MW

EXHIBIT "C"



SURVEYED	9-2-89	
DRAWN	9-3-89	
CHECKED	9-3-89	

ENERGY
SURVEYS &
ENGINEERING CORP.

PLAT # 4
RIG LAYOUT

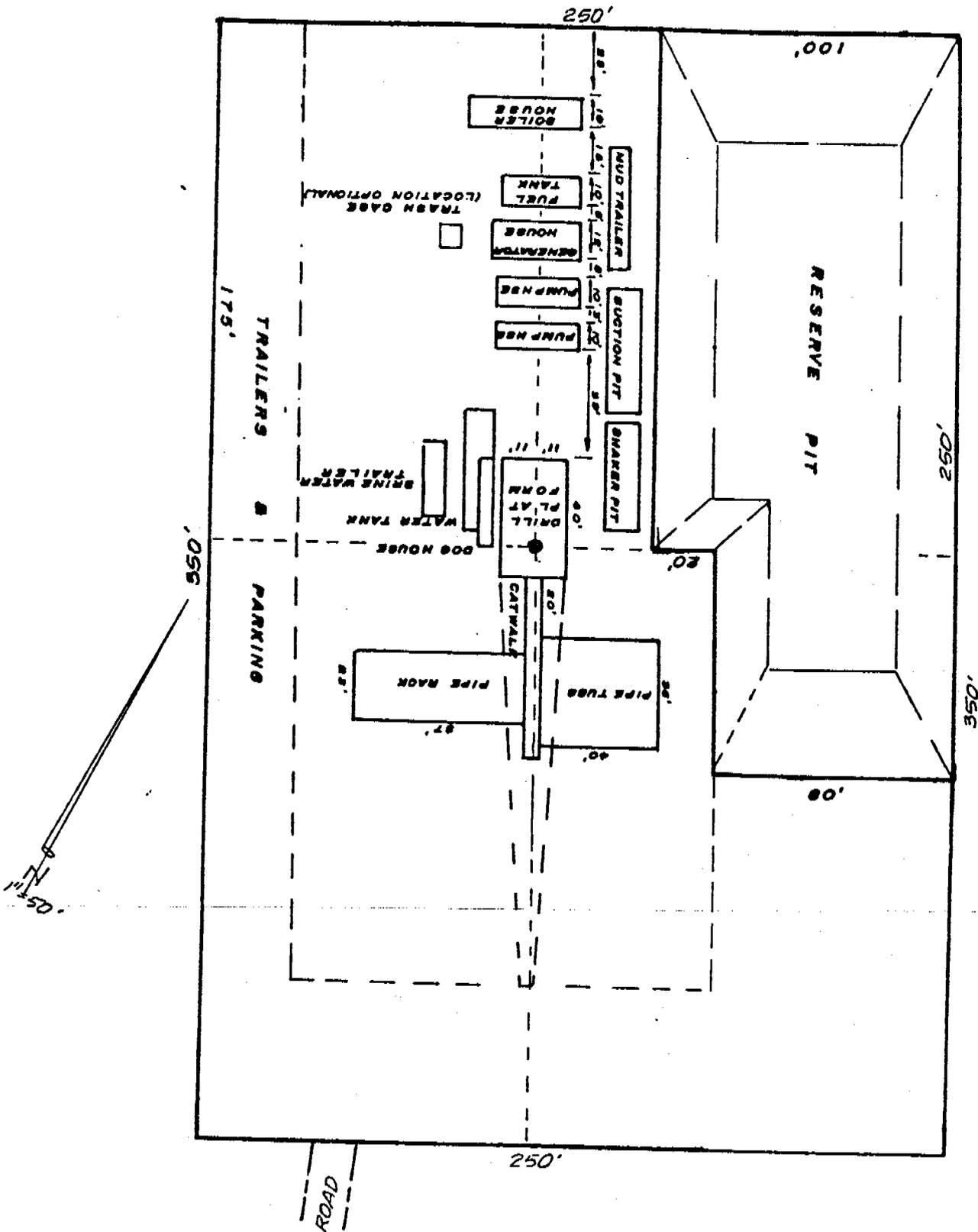
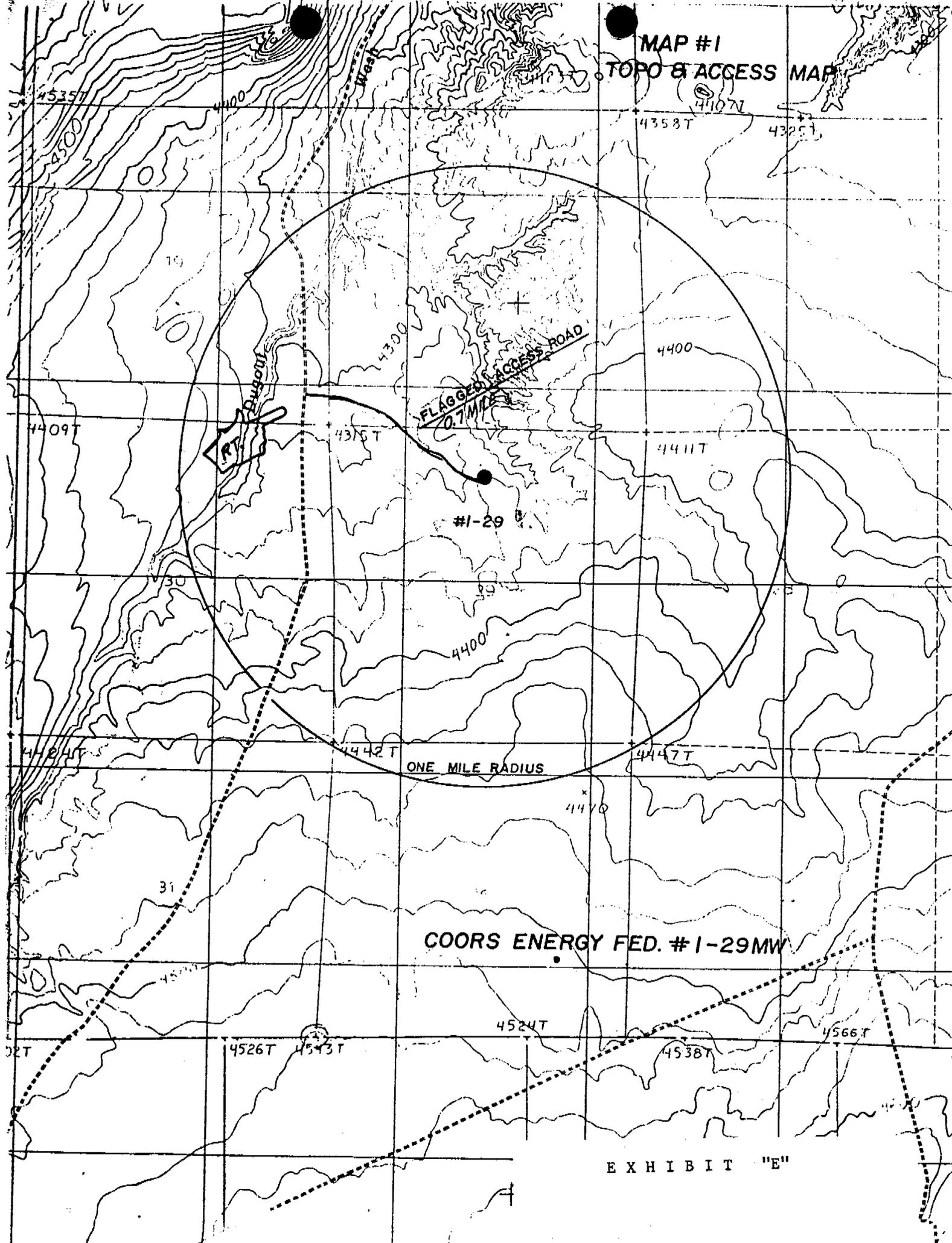


EXHIBIT "D"

MAP #1
TOPO & ACCESS MAP



COORS ENERGY FED. #1-29MW

EXHIBIT "E"

TEMPORARY

FILING FOR WATER IN THE STATE OF UTAH

Rec. by _____

Fee Rec. _____

Receipt # _____

Microfilmed _____

Roll # _____

APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of 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 Title 73, Chapter 3 of the Utah Code Annotated (1953, as amended).

* WATER RIGHT NO. 95 - 4711

* APPLICATION NO. A T64233

1. *PRIORITY OF RIGHT: September 19, 1989 * FILING DATE: September 19, 1989

2. OWNER INFORMATION

Name(s): Billy R. Hass * Interest: _____ %

Address: 2960 Desert Road P.O. Box 1444

City: Moab State: Utah Zip Code: 84532

Is the land owned by the applicant? Yes _____ No X

(If "No", please explain in EXPLANATORY section.)

3. QUANTITY OF WATER: _____ cfs and/or 3.0 ac-ft

4. SOURCE: Fremont River * DRAINAGE: _____

which is tributary to _____

which is tributary to _____

POINT(S) OF DIVERSION: _____ COUNTY: Wayne

S. 1650 ft. & W. 1300 ft. from NE Cor. Sec. 10, T28S, R11E, SLB&M.

Description of Diverting Works: Portable pump and tank trucks

* COMMON DESCRIPTION: 1 1/2 miles NE of Hanksville Hanksville Quad

5. POINT(S) OF REDIVERSION

The water will be rediverted from _____ at a point:

Description of Rediverting Works: _____

6. POINT(S) OF RETURN

The amount of water consumed will be _____ cfs or 3.0 ac-ft

The amount of water returned will be _____ cfs or _____ ac-ft

The water will be returned to the natural stream/source at a point(s): _____

7. STORAGE

Reservoir Name: _____ Storage Period: _____

Capacity: _____ ac-ft. Inundated _____

Height of dam: _____ feet

Legal description of inundated area by 40 acre tract(s): _____

EXHIBIT "F"

TEMPORARY

* These items are to be completed by the Division of Water Rights

Appropriate

8. List any other water rights which will supplement this application _____

9. NATURE AND PERIOD OF USE

Irrigation:	From _____ to _____
Stockwatering:	From _____ to _____
Domestic:	From _____ to _____
Municipal:	From _____ to _____
Mining:	From _____ to _____
Power:	From _____ to _____
Other: Exploration Drilling	From <u>Sep. 29, 1989</u> to <u>Sep. 28, 1990</u>

10. PURPOSE AND EXTENT OF USE

Irrigation: _____ acres. Sole supply of _____ acres.
 Stockwatering (number and kind): _____
 Domestic: _____ Families and/or _____ Persons
 Municipal (name): _____
 Mining: _____ Mining District in the _____ Mine
 Ores mined: _____
 Power: Plant name: _____ Type: _____ Capacity: _____
 Other (describe): Dust Suppression, Drilling completion, Hydrafracing

11. PLACE OF USE

Legal description of place of use by 40 acre tract(s):
Coors Energy #1-29MW: S. 756 ft. & E. 2733 ft. from NW Cor. Sec. 29, T24S, R15E, SLB&M.
(NW $\frac{1}{2}$ NE $\frac{1}{2}$)

12. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. (Use additional pages of same size if necessary):

The applicant(s) hereby acknowledges that he/she/they are a citizen(s) of the United States of America or intends to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

Billy R. Huss
 Signature of Applicant(s)

TEMPORARY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0034
Expires: August 31, 1989

ASSIGNMENT OF RECORD TITLE INTEREST IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)

Lease Serial No.
U-53611

New Serial No.

Type or print plainly in ink and sign in ink.

PART A: ASSIGNMENT

1. Assignee COORS ENERGY COMPANY
Street P. O. Box 467
City, State Golden, Colorado
Zip Code 80402

Additional Assignees

This record title assignment is for: (Check one) Oil and Gas Lease, or Geothermal Lease

Interest conveyed: (Check one or both, as appropriate) Record Title, Overriding Royalty, payment out of production or other similar interests or payments

2. This assignment conveys the following interest:

Land Description Additional space on reverse, if needed. Do not submit documents other than this form; such documents should only be referenced herein.	Percent of Interest			Percent of Overriding Royalty or Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
	b	c	d		
T. 24 S., R. 15 E., SLM, Utah Secs. 20-24, and 26: All Sec. 27: N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$ Sec. 28: N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$ Sec. 29: N $\frac{1}{2}$ Emery County, Utah, containing 5,120.00 acres, more or less.	100%	100%	-0-	5.0%	-0-

REASSIGNMENT PROVISION ATTACHED.

FOR BLM USE ONLY

UNITED STATES OF AMERICA

This assignment is approved solely for administrative purposes. Approval does not warrant that either party to this assignment holds legal or equitable title to this lease.

Assignment approved for above described lands; Assignment approved for attached land description

Assignment approved effective MAR 1 1988
By [Signature]
(Authorized Officer)

CHIEF, MINERAL ADJUDICATION SECTION MAR 4 1988
(Title) (Date)

Tear

Tear

Tear

PART C: GENERAL INSTRUCTIONS

- Applicant(s) must complete Parts A1 and A2 and Part B. Both parties to assignment must sign. File three (3) manually signed, completed copies of this form in the appropriate BLM office for each assignment of record title. File one (1) manually signed copy for transfer of overriding royalty interests, payment out of production or other similar interests or payments. The required filing fee (non-refundable) must accompany the assignment. File assignment within ninety (90) days after date of execution of assignor.
- Separate form must be used for each lease being affected by this assignment and for each type of interest conveyed.
- In item No. 2 of Part A, describe lands affected (See 43 CFR 3106, 3135, or 3241). For columns b, c, d, and e, enter the interest expressed as a percentage of total interest in the lease; e.g., if assignor assigns one quarter of a 20% interest, enter 20% in column b, 5% in column c, and 15% in column d.
- If assignment is to more than one assignee, enter each assignee's name across columns d, e, and f next to the respective interest being conveyed.
- If any payment out of production or similar interests, arrangements or payments have previously been created out of the interest being assigned, or if any such payments or interests are reserved under this assignment, include a statement giving full details as to amount, method of payment, and other pertinent terms as provided under 43 CFR 3106, 3135, or 3241.
- The lease account must be in good standing before this assignment can be approved as provided under 43 CFR 3106 and 3241.
- Assignment, if approved, takes effect on the first day of the month following the date of filing in the proper BLM office. If a bond is necessary, it must be furnished prior to approval of the assignment.
- Approval of assignment of record title to 100% of a portion of the leased lands creates the term of the lease. The term of the lease is the term of the lease of the land.
- Overriding royalty interests must be recorded in the appropriate BLM office.

Et. Xat Hth. Lse. Bse. L&T for "G"

RECEIVED
UTAH STATE OFFICE
LAKE CITY, UTAH
88 FEB 29 PM 2:00
DEPT. OF INTERIOR
BUR. OF LAND MGMT.

ARCHAEOLOGICAL SURVEY
of
COORS ENERGY NO. 1-29MW
WELL LOCATION AND ACCESS ROAD
EMERY COUNTY, UTAH

GRC Report 89007

by

Robert K. Alexander, Ph.D.

GRAND RIVER CONSULTANTS, Inc.
522 Kansas Avenue
Grand Junction, CO 81503
(303) 241-0308

BLM Permit 88UT54936

State Authorization No. U-89-GC-568b

September 7, 1989

Prepared for:
Coors Energy
825 First Avenue
Grand Junction, CO 81501

Distribution:
BLM - Area Office, Price (1)
Utah State Historical Society, Antiquities Division (1)
Coors Energy (1)

EXHIBIT "H"

Summary Report of
Inspection for Cultural Resources

Report Acceptable Yes No

Mitigation Acceptable Yes No

Comments: _____

Report Title A R C H . | S U R V . | C O R R I S | E N E R G Y | 1 - 2 | 9 | M | W

Development Company Coors Energy

Report Date 09 / 7 / 1989

4. Antiquities Permit No. 88UT54936

Responsible Institution GRAND | RIVER | CO.

County Emery

Fieldwork Location: TWN 24S Range 15E Section(s) 29 70 71 72 73 74 75 76 77

TWN 78 Range 82 Section(s) 86 87 88 89 90 91 92 93

Resource Area PIR TWN 94 Range 98 Section(s) 102 103 104 105 106 107 108 109

PO = PONY EXPRESS, BR = BEAR RIVER, PR = PRICE RIVER, WS = WARM SPRINGS
BC = BOOK CLIFFS, HR = HOUSE RANGE, SE = SEVIER RIVER
HM = HENRY MOUNTAINS, BE = BEAVER RIVER, DX = DIXIE
KA = KANAB, ES = ESCALANTE, SJ = SAN JUAN, GR = GRAND
SR = SAN RAFAEL, DM = DIAMOND MOUNTAIN

Fill in spaces 65, 69, 81, 85, 97, 101 Only if:
V = Vernal Meridian
H = Half Township

Description of Examination Procedures:

Walked a series of parallel transects across staked well location, including a 100 foot buffer zone beyond flagged boundaries. Walked transects on either side of flagged access road sufficient to provide 100 foot R/W.

Linear Miles Surveyed and/or 01.5 112 117
Definable Acres Surveyed and/or 31.6 118 123
Legally Undefinable Acres Surveyed 124

10. Inventory Type U

R = Reconnaissance
I = Intensive
S = Statistical Sample

Description of Findings (attach appendices, if appropriate) 12 Number Sites Found: 131 13
No sites = 0

No cultural resources found. Location is covered with an abundance of cryptocrystalline cherts and chalcedonys; none appeared flaked by humans though much was thermally fractured. None had edge retouch or multiple dorsal flake scars. The materials were generally weathered with deeply patinated surfaces. If any human activity is represented by the one or two possible hard-hammer flakes, it likely represents slight testing of materials; however, due to doubtful identification of material seen, these are not considered scientifically significant.

4. Actual/Potential National Register Properties Affected:

none

5. Literature Search, Location/Date: Ref: Norman, Garth (1988) "Cultural Resource Evaluation of Ten Proposed Seismic Line Corridors in the (cont)"
BLM files, Price area office, 9-6-89

6. Conclusion/Recommendations:

Clearance to proceed is recommended.

7. Signature of Administrator & Field Supervisor: Administrator _____
Field Supervisor _____

*For extra locationals use additional 8100-3 forms.

8100-3
(2/85)

(cont) San Rafael Desert-Spur-Horshoe Canyon Localities of Emery and Wayne Counties, Utah
(on file BLM-Price)

MAP #1
TOPO & ACCESS MAP

T24S
R15E

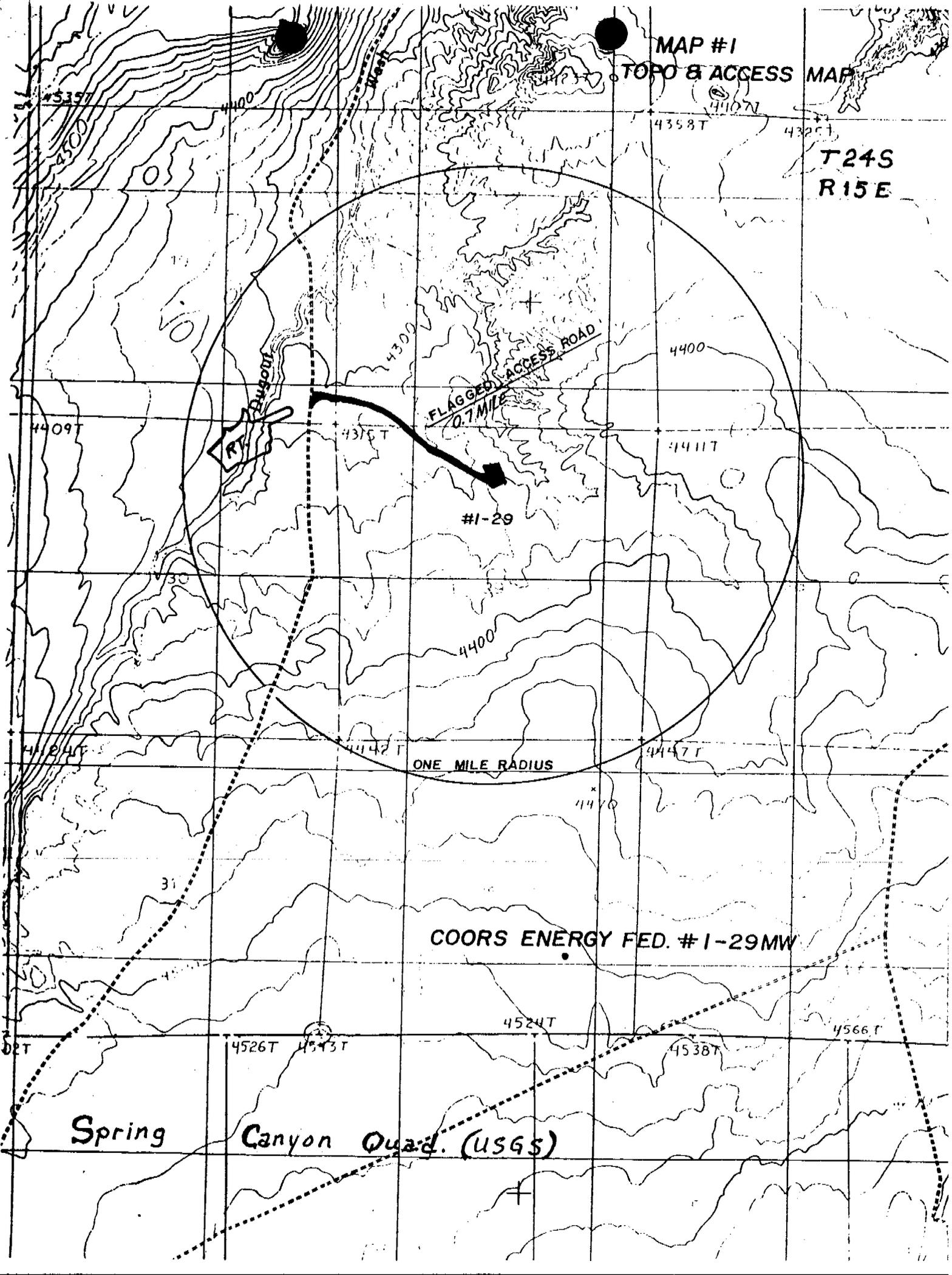
FLAGGED ACCESS ROAD
0.7 MILE

#1-29

ONE MILE RADIUS

COORS ENERGY FED. #1-29MW

Spring Canyon Quad. (USGS)





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.

9-22-89

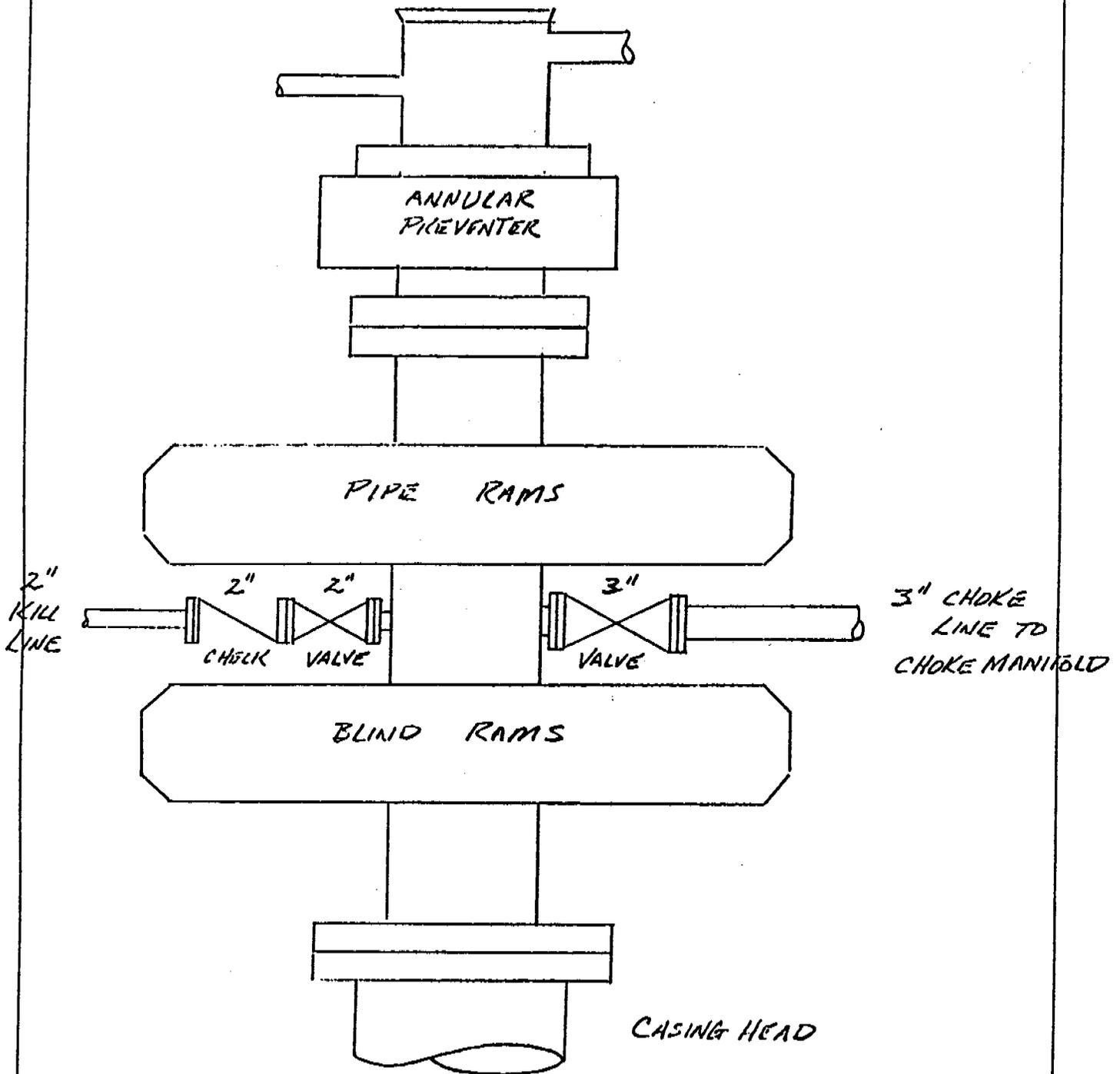
Date

D.S. Sprague
Manager
Engineering Services

DSS:kr

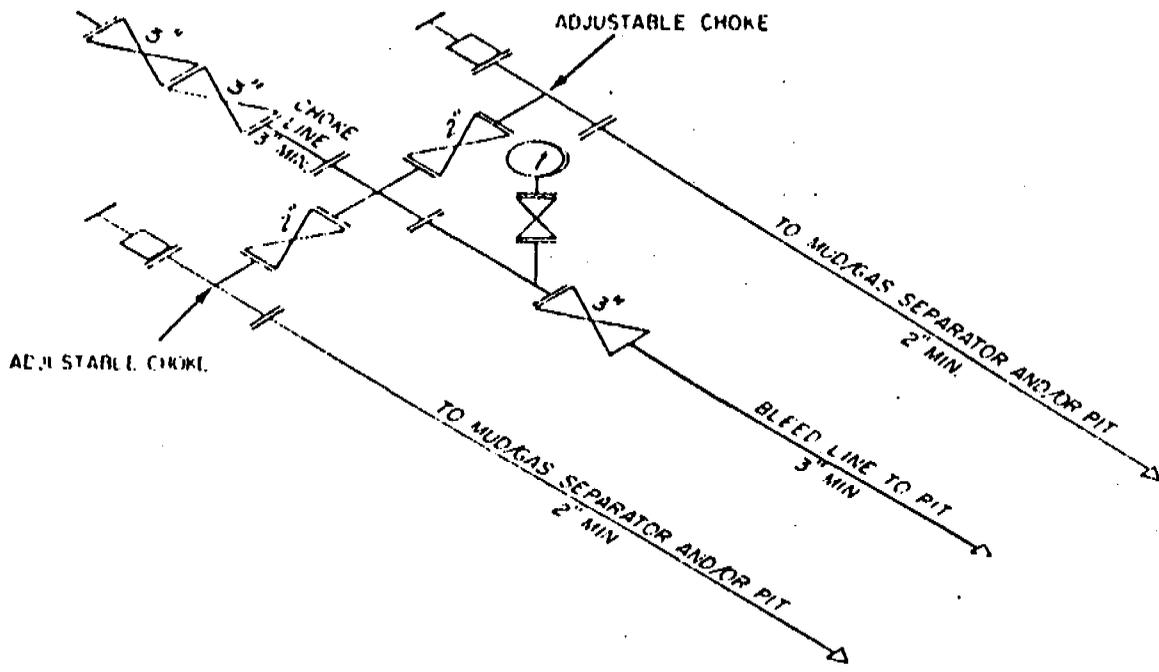
BLOWOUT PREVENTION EQUIPMENT

3000 PSI W.P.



1. ANNULAR PREVENTER

2. DOUBLE RAM, PIPE AND BLIND RAMS WITH 2 SIDE OUTLETS FOR KILL AND CHOKER LINES, ALTERNATIVE WOULD BE TO USE DRILLING SPOOL WITH 2 SIDE OUTLETS, SPOOL WOULD BE INSTALLED BETWEEN RAMS OR BETWEEN CASING HEAD AND BLIND RAMS.



3M CHOKER MANIFOLD EQUIPMENT -- CONFIGURATION MAY VARY

OPERATOR Coors Energy Co. (N50907) DATE 11-6-89

WELL NAME Federal 1-29mw

SEC NENW 29 T 24S R 15E COUNTY Emery

43-015-30235
API NUMBER

Federal
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920'
water permit 95-4711 / T64233 (Billy Hass)
Archaeological Survey Conducted 9-7-89.
Exception location requested on APD.
RDCC 11-6-89 / Process (B/m has already approved)
ok to process per R.G. Firth

APPROVAL LETTER:

SPACING: R615-2-3 N/A R615-3-2
UNIT
 N/A R615-3-3
CAUSE NO. & DATE

STIPULATIONS:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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

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 2733'FWL, 756'FNL, NW/NE
 At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 approximately 21 miles southwest of Green River, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1884'

16. NO. OF ACRES IN LEASE
 5120'+

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 none

19. PROPOSED DEPTH
 6820'

20. ROTARY OR CABLE TOOLS
 rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5547'GL

22. APPROX. DATE WORK WILL START*
 Nov. 1, 1989

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached drilling program for details				

See attached application for details.

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. SIGNATURE D. S. Sprague TITLE Manager, Engineering DATE 9/22/89
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE ACTING

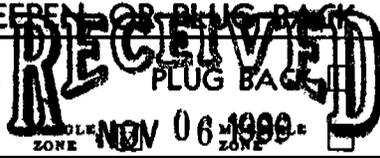
APPROVED BY /s/ Kenneth V. Rhea TITLE DISTRICT MANAGER DATE NOV - 2 1989

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

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

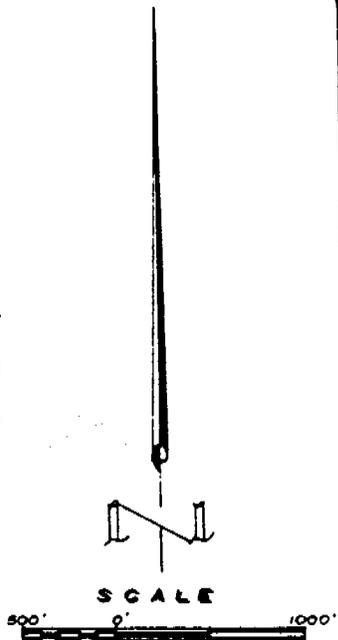
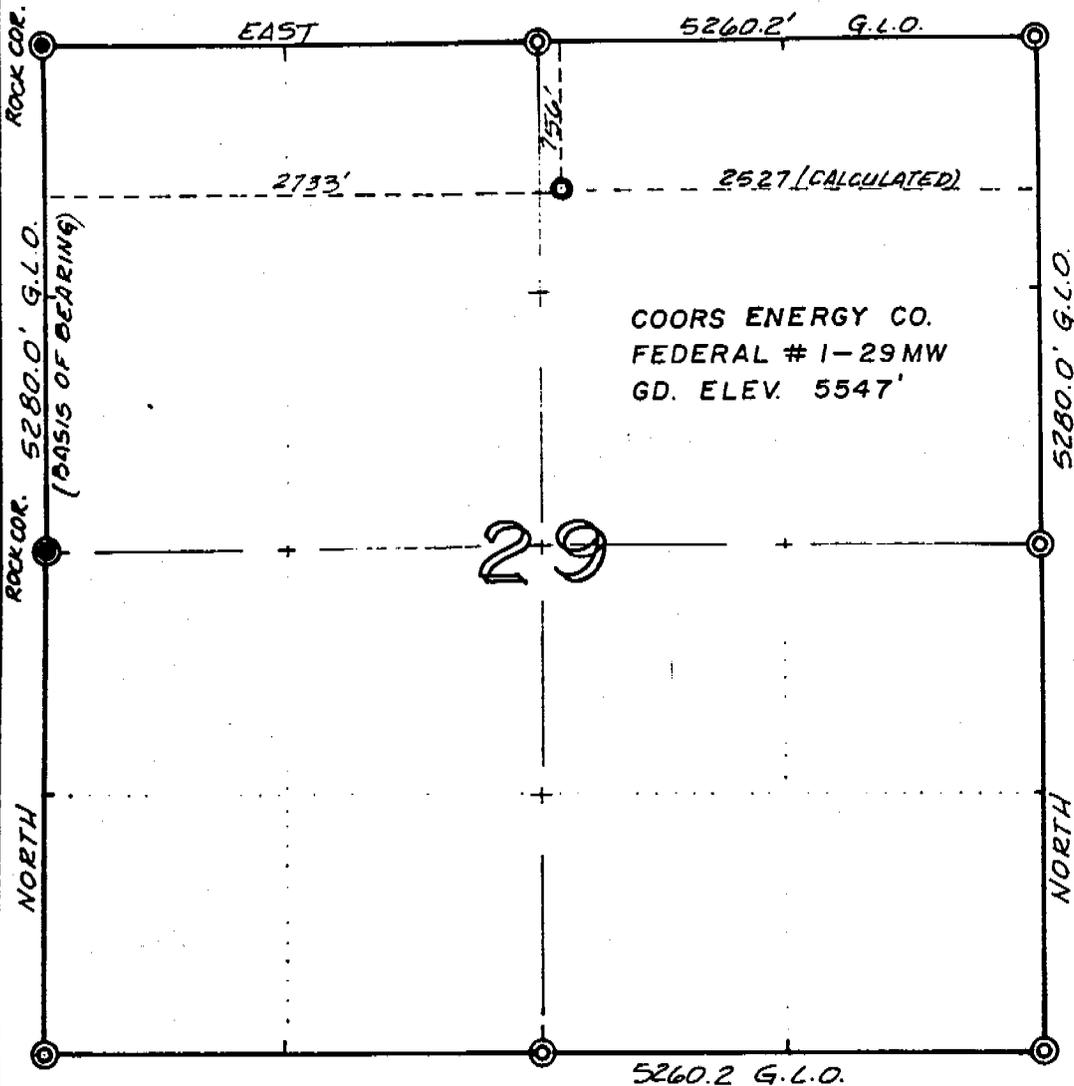
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



SUBJECT TO RIGHT OF WAY APPROVAL

Dogm

SEC. 29, T. 24S., R. 15E. OF THE S.L.M.



- LEGEND**
- ⊙ STANDARD LOCATION OF GLO SECTION CORNER
 - GLO CORNERS FOUND
 - WELL LOCATION STAKED.
- REFERENCE DOCUMENTS**
- 1885 GLO PLAT
 - SPRING CANYON, UTAH QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR COORS ENERGY CO.
 TO LOCATE THE COORS FED. #1-29 MW, 756' F.N.L. &
2733' F.W.L. IN THE NW 1/4 NE 1/4, OF SECTION 29, T.24S., R.15E
 OF THE SLM EMERY COUNTY. UTAH

EXHIBIT "A"



SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

Larry D. Becker

REVISED	9-2-89	ENERGY SURVEYS & ENGINEERING CORP.	715 HORIZON DRIVE, SUITE 330 GRAND JUNCTION, CO 81501 (303) 245-7221	SCALE 1" = 1000'
DRAWN	9-3-89			JOB NO.
ORDERED	9-3-89			SHEET 07

Coors Energy Company
Well No. 1-29MW
Sec. 29, T. 24 S., R. 15 E.
Emery County , Utah
Lease U-53611

CONDITIONS OF APPROVAL

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 advised that Coors Energy Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by C00019 (Principal-Adolph Coors Company, Bonded Subsidiary-Coors Energy Company) as provided for in 43 CFR 3104.3.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

A. DRILLING PROGRAM

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, Onshore Oil and Gas Order No. 2, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions and the approved plan will be made available to the field representative to insure compliance.

1. If unconsolidated rock is encountered, conductor shall be set ten (10) feet into underlying bedrock with cement circulated to surface.
2. Surface casing shall be set 50 feet into the Chinle Formation regardless of the depth the Chinle is encountered.

Required verbal notifications are summarized in Table 1, attached. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6.

The following minimum information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch:

"Fed" or "Ind", as applicable. "Well number, location by $\frac{1}{4}$ $\frac{1}{4}$ section, township and range". "Lease number".

B. Additional Requirements According To Onshore Oil and Gas Order No. 2

- 3000 psi BOP & BOPE:

A second pipe ram preventer or variable bore pipe ram preventer shall be used with a tapered drill string,

Upper kelly cock valve with handle available,

Safety valve and subs to fit all drill strings in use,

All BOPE connections subjected to well pressure shall be flanged, welded, or clamped,

Fill-up line above the uppermost preventer,

- If repair or replacement of the BOPE is required after testing, this work shall be performed prior to drilling out the casing shoe, and
- When the BOPE cannot function to secure the hole, the hole shall be secured using cement, retrievable packer or bridge plug packer, bridge plug or other acceptable approved methods to assure safe well conditions.

- Choke Manifold Equipment:

All choke lines shall be straight lines unless turns use tee blocks or are targeted with running tees, and shall be anchored to prevent whip and reduce vibration.

All valves (except chokes) in the kill line, choke manifold and choke line shall be a type that does not restrict the flow (full opening) and that allows a straight through flow.

Pressure gauges in the well control system shall be a type designed for drilling fluid service.

- 3000 psi system - Accumulator Equipment:

Accumulator shall have sufficient capacity to open the hydraulically controlled choke line valve (if so equipped), close all rams plus the annual preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps. This is a minimum requirement. The fluid reservoir capacity shall be double the accumulator capacity and fluid level maintained at manufacturer's recommendations. The 3M system shall have 2 independent power sources to close the preventers. Nitrogen bottles (3 minimum) may be 1 of the independent power sources and, if so, shall maintain a charge equal to the manufacturer's specifications.

Accumulator precharge pressure test: This test shall be conducted prior to connecting the closing unit to the BOP stack and at least once every 6 months. The accumulator pressure shall be corrected if the measure precharge pressure is found to be above or below the maximum limit specified within Onshore Order Number 2.

Power for the closing unit pumps shall be available to the unit at all times so that the pumps shall automatically start when the closing unit manifold pressure has decreased to a pre-set level.

Each BOP closing unit shall be equipped with sufficient number and sizes of pumps so that, with the accumulator system isolated from service, the pumps shall be capable of opening the hydraulically-operated gate valve (if so equipped), plus closing the annular preventer on the smallest size drill pipe to be used within 2 minutes, and obtain a minimum of 200 psi. above specified accumulator precharge pressure.

A manual locking device (i.e., hand wheels) or automatic locking devices shall be installed on all systems of 2M or greater. A valve shall be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve shall be maintained in the open position and shall be closed only when the power source for the accumulator system is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems shall be capable of closing all preventers.

- BOP Testing:

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing if BOP stack is not isolated from casing. Pressure tests on ram type preventers shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed off of pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test of BOP stack.

Annular BOP pressure tests shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above tests shall be performed:

**When initially installed;

**Whenever any seal subject to test pressure is broken;

**Following related repairs; and

**At 30 day intervals.

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s), the check valve shall be held open or the ball removed.

Annular preventers shall be functionally operated at least weekly. Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

Casing and Cementing:

All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

All casing, except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.

The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.

All of the above described tests shall be recorded in the drilling log.

All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.

Surface casing shall have centralizers on at least the bottom three joints depending on severity of hole inclination.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.

- Mud Program Requirements:

The characteristics, use and testing of drilling mud and the implementation of related drilling procedures shall be designed to prevent the loss of well control. Sufficient quantities of mud materials shall be maintained or readily accessible for the purpose of assuring well control.

-Record slow pump speed on daily drilling report after mudding up.

-Visual mud monitoring equipment shall be in place to detect volume changes indicating loss or gain of circulating fluid volume.

-A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.

-All flare systems shall be designed to gather and burn all gas. The flare line(s) discharge shall be located not less than 100 feet from the well head, having straight lines unless turns are targeted with running tees, and shall be positioned downwind of the prevailing wind direction and shall be anchored. The flare system shall have an effective method for ignition. Where non-combustible gas is likely or expected to be vented, the system shall be provided supplemental fuel for ignition and to maintain a continuous flare.

- Drill Stem Testing Requirements:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. 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 shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

-A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions, or displaced into the formation prior to pulling the test tool. This would involve providing some means for reverse circulation.

-Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

-All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- Special Drilling Operations:

In addition to the equipment already specified elsewhere in Onshore Order No. 2 , the following equipment shall be in place and operational during air/gas drilling:

- Properly lubricated and maintained rotating head;
- Spark arresters on engines or water cooled exhaust;
- Blooie line discharge 100 feet from well bore and securely anchored;
- Straight run on blooie line unless otherwise approved;
- Deduster equipment;
- All cuttings and circulating medium shall be directed into a reserve or blooie pit;
- Float valve above bit;
- Automatic igniter or continuous pilot light on the blooie line;
- Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore;
- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits.

Coors Energy Company
Well No. Federal 1-29 MW
NWNE, Sec. 29, T. 24 S., R. 15 E.
Emery County
Lease U-53611

STANDARD STIPULATIONS

1. The holder shall designate a representative(s) who shall have the authority to act upon and to implement instructions from the authorized officer. The holder's representative shall be available for communication with the authorized officer within a reasonable time when construction or other surface disturbing activities are underway.
2. Prior to termination of the right-of-way, the holder shall contact the authorized officer to arrange a predetermination conference. The conference will be held to review the termination provisions of the grant.
3. If the drilling results in a dry hole, this right-of-way is automatically terminated when the BLM issues a notification of satisfactory rehabilitation.
4. The holder shall contact the authorized officer at least 5 days prior to the anticipated start of construction and/or any surface disturbing activities. The authorized officer may require and schedule a preconstruction conference with the holder prior to the holder's commencing construction and/or surface disturbing activities. The holder and/or his representative shall attend this conference. The holder's contractor, or agents involved with construction and/or any surface disturbing activities associated with the permit, right-of-way, shall also attend this conference to review the stipulations of the grant including the plan(s) of development.
5. No construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support construction equipment. If such equipment creates ruts in excess of 2 inches deep, the soil shall be deemed too wet to adequately support construction equipment.
6. All persons in the area who are associated with the project will be informed by the holder that they will be subject to prosecution for disturbing archaeological sites or collecting artifacts. If surface cultural material is exposed during construction, work at that spot will stop immediately, and the BLM, San Rafael Resource Area Office will be contacted (phone (801) 637-4584). The holder will be responsible for the cost of evaluation of the discovery and proper mitigation shall be made by the authorized office after consulting with the holder.
7. At least 6 inches of topsoil shall be winnowed to the top side of the access road prior to any construction activity.
8. No activity shall be allowed between May 15 and June 15.

NOTIFICATIONS

Notify Neil Simmons of the San Rafael Resource Area, at (801) 637-4584 for the following:

2 days prior to commencement of dirt work, construction, or reclamation;

1 day prior to spudding;

1 day prior to running and cementing surface casing;

1 day prior to pressure testing of surface casing.

Notify the Moab District Office, Branch of Fluid Minerals, at (801) 259-6111 for the following:

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly drilled dry holes, and emergency situations, verbal approval can be obtained by calling the following individuals, in the order listed:

Dale Manchester, Petroleum Engineer Office Phone: (801) 259-6111

Home Phone: (801) 259-6239

Eric Jones, Petroleum Engineer Office Phone: (801) 259-6111

Home Phone: (801) 259-2214

If unable to reach the above individuals, including weekends, holidays, or after hours, please call the following:

Lynn Jackson, Office Phone: (801) 259-6111

Chief, Branch of Fluid Minerals Home Phone: (801) 259-7990

24 HOURS ADVANCE NOTICE IS REQUIRED FOR ALL ABANDONMENTS.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Coors Energy Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements. See also space 17 below.)
At surface
2500'FWL, 900'FNL, NE/NW

14. PERMIT NO. _____

15. ELEVATIONS (Show whether OF, TO, OR FROM)
5547'GL

RECEIVED
NOV 06 1989

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
U-53611

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-29MW

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29, T24S-R15E

12. COUNTY OR PARISH
Emery

13. STATE
Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) _____	

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

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

Please note a change in footages for the above named well from:

2733'FWL, 756'FNL - NW/NE

to

2500'FWL, 900'FNL - NE/NW

Attached is a revised copy of the survey plats to replace the plats previously sent.

This change has been discussed with your office with our field superintendent, Jake Amen.

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

SIGNED D. S. Sprague TITLE Manager, Engineering DATE 10-9-89

(This space for Federal or State office use)

APPROVED BY /s/ Kenneth V. Rhea TITLE ACTING DISTRICT MANAGER DATE NOV - 2 1989

CONDITIONS OF APPROVAL _____

*See Instructions on Reverse Side



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

November 7, 1989

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

Gentlemen:

Re: Federal 1-29MW - NE NW Sec. 29, T. 24S, R. 15E - Emery County, Utah
900' FNL, 2500' FWL

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

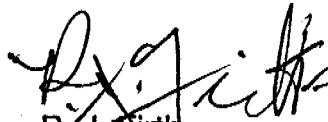
In addition, the following actions are necessary to fully comply with this approval:

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 7.
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 R615-3-20, 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. 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 43-015-30235.

Sincerely,



R. J. Pirth
Associate Director, Oil & Gas

lcr
Enclosures
cc: Bureau of Land Management
D. R. Nielson
J. L. Thompson
WE14/1-2

STATE ACTIONS

Mail to:
RDCC Coordinator
116 State Capitol
Salt Lake City, Utah 84114

1. ADMINISTERING STATE AGENCY
OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

2. STATE APPLICATION IDENTIFIER NUMBER:
(assigned by State Clearinghouse)

3. APPROXIMATE DATE PROJECT WILL START:
November 1, 1989

4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:
(to be sent out by agency in block 1)
Southeastern Utah Association of Governments

5. TYPE OF ACTION: Lease Permit License Land Aquisition
 Land Sale Land Exchange Other _____

6. TITLE OF PROPOSED ACTION:
Application for Permit to Drill

7. DESCRIPTION:
Coors Energy Company proposes to drill a wildcat well, the Federal #1-29MW, on federal lease number U-53611 in Emery County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The U.S. Bureau of Land Management is the primary administrative agency in this case and must issue approval to drill jointly with DOGM before operations can commence.

8. LAND AFFECTED (site location map required) (indicate county)
NE/4, NW/4, Section 29, Township 24 South, Range 15 East, Emery County, Utah

9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?
Unknown

10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:
Degree of impact is based on the discovery of oil or gas in commercial quantities.

11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
Jim Thompson, Salt Lake City, 538-5340

12. FOR FURTHER INFORMATION, CONTACT: 13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL

John Baza
PHONE: 538-5340

John R. Baza
DATE: 11/9/89 Petroleum Engineer

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API NO. 43-015-30235

NAME OF COMPANY: COORS ENERGY

WELL NAME: FEDERAL 1-29MW

SECTION NEW 29 TOWNSHIP 24S RANGE 15E COUNTY EMERY

DRILLING CONTRACTOR BENCO RAT HOLE

RIG # _____

SPUDDED: DATE 11/16/89

TIME _____

HOW RAT HOLE DIGGER

CONFIDENTIAL

DRILLING WILL COMMENCE APPROX. 11/27/89 (do not know which Co. & rig will be moving in)

REPORTED BY KAREN

TELEPHONE # (303) 278-7030

DATE 11/18/89 SIGNED TAS TAKEN BY: AWS

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 ENTITY ACTION FORM - FORM 6

OPERATOR Coors Energy Company
 ADDRESS PO Box 467
Golden, Colo. 80402

OPERATOR ACCT. NO. N 5090

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11040	43-015-30235	Federal 1-29MW	NENW	29	24S	15E	Emery	11/16/89	same
WELL 1 COMMENTS:											
If this well is a producer, it will have its own tank battery.											
WELL 2 COMMENTS:											
Federal-Lease Proposed Zone-mssp Field-Wildcat (New entity 11040 added 11-28-89) for Unit-N/A											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

RECEIVED
 NOV 24 1989

DIVISION OF
 OIL, GAS & MINING

D.S. Sprague
 Signature D.S. Sprague
 Manager, Eng. 11/21/89
 Title _____ Date _____
 Phone No. (303) 278-7030



RECEIVED
NOV 24 1989

DIVISION OF
OIL, GAS & MINING

November 20, 1989

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

Attn: Ms. Tammy Searing

Dear Tammy:

Coors Energy Company is requesting that all information regarding the following well be kept in a confidential status:

Federal 1-29MW
Section 29, T24S-R15E
Emery County, Utah

We would like for all well notifications and correspondence be kept in a confidential file for a one year period unless we notify you to the contrary. Thank you for your help.

Very truly yours,

D. S. Sprague
Manager, Engineering Services

DSS:kr

CONFIDENTIAL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.

U-53611

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

Coors Energy Company

8. FARM OR LEASE NAME

Federal

3. ADDRESS OF OPERATOR

PO Box 467, Golden, Colorado 80402

WELL NO.

1-29MW

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

At surface 2500'FWL, 900'FNL, NE/NW

10. FIELD AND POOL, OR WILDCAT

Wildcat

At proposed prod. zone same

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

Sec. 29, T24S-R15E

14. API NO.

43-015-30235

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

4352'GL

12. COUNTY

Emery

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON

REPAIR WELL

CHANGE PLANS

(Other)

APPROX. DATE WORK WILL START _____

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Spud date _____

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

DATE OF COMPLETION _____

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

* Must be accompanied by a cement verification report.

11/16/89 Preparing roads and location, MI Benco rathole rig and spudded surface hole 11/16/89.

11/17/89 Set 47' of 13-3/8" conductor pipe and cemented in place.

11/18 to 11/21/89 Continuing to prepare location, plan to move in Grace Drilling rig #179 approximately 11/27/89.

OIL AND GAS	
DEM	NF
JR	GLH
BT	SLS

CONFIDENTIAL

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

SIGNED

D.S. Sprague

1-TAS

TITLE

Manager, Engineering

DATE

11-21-89

(This space for Federal or State office use)

MICROFILM

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY: _____

2. TITLE FILE

DATE _____

RECEIVED

DEC 21 1989

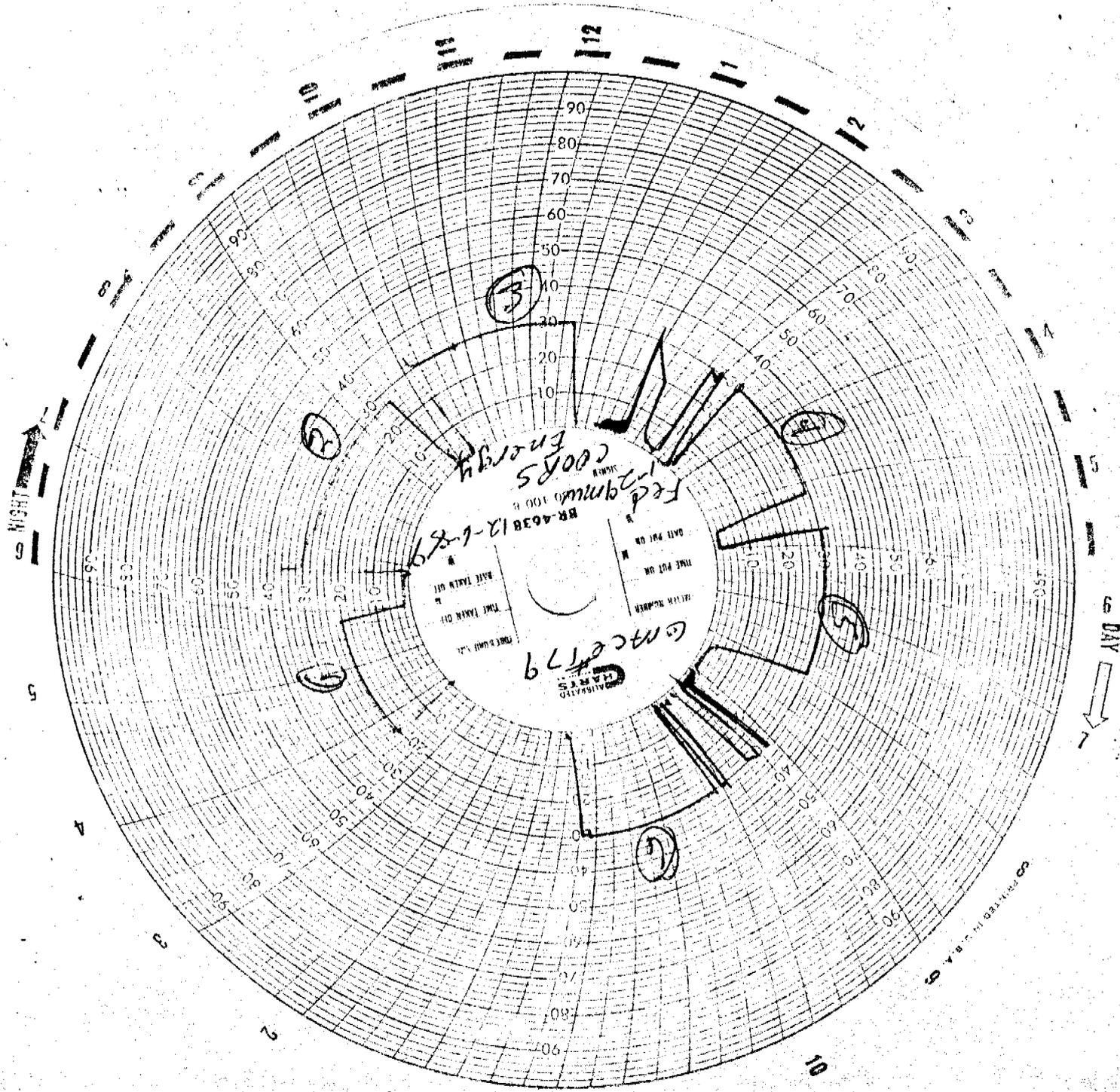
DIVISION OF
OIL, GAS & MINING

Coors Energy Corp.
Federal 1-29MW
Section 29
Township 24S
Range 15E
County Emery Utah
Grace 179
12-6-89
Tested by Ron Cook

QUICK TEST INC.
OFFICE (801) 789-8159

Coors Energy Corp.
Federal 1-29-MW
12-6-89

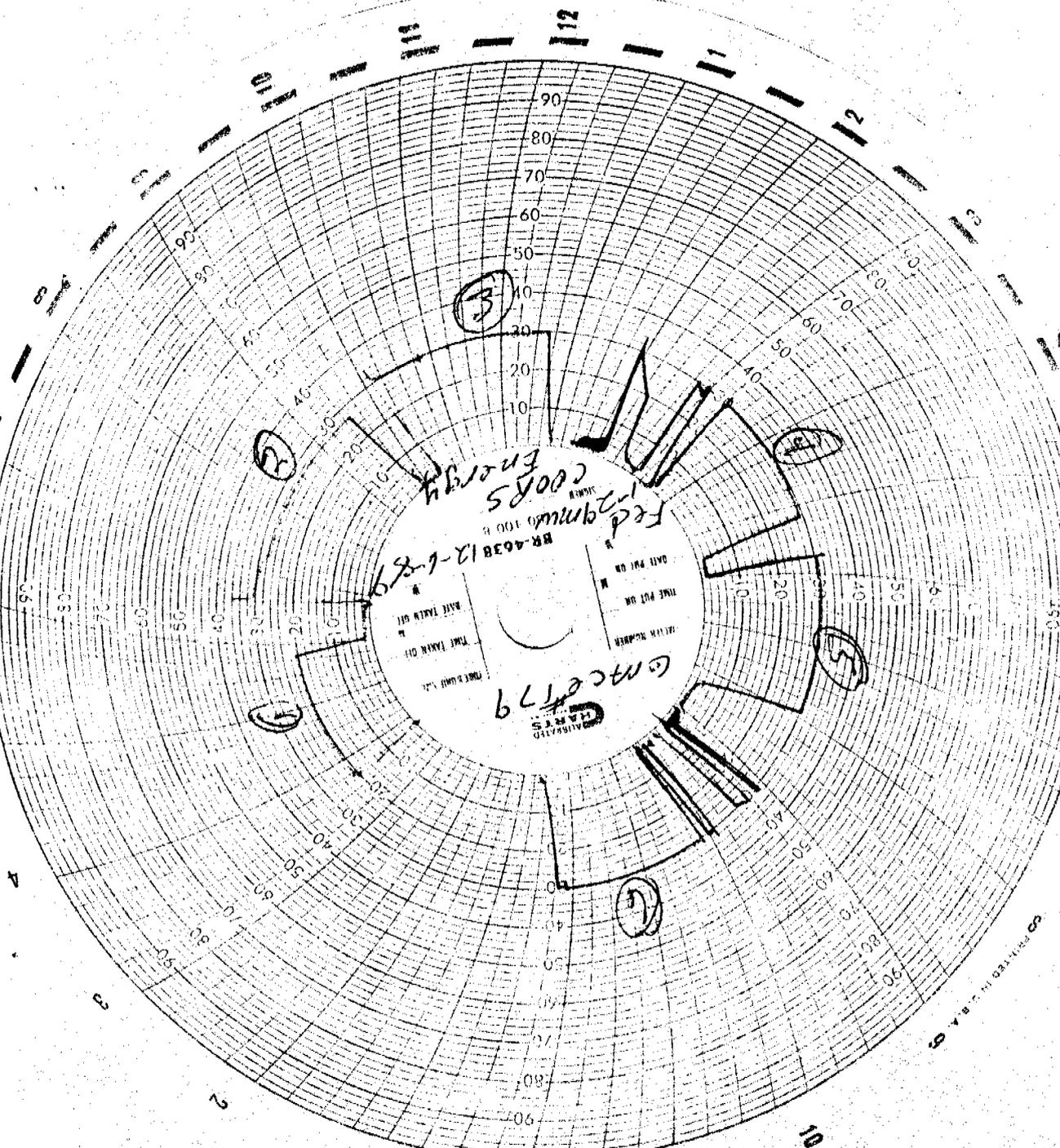
TEST #	ITEM TESTED	PRESSURE	MIN. HELD	RESULTS
1	wellhead	2000	10	No visible leaks
2	TIW	3000	10	No visible leaks
3	Dart valve	3000	10	No visible leaks
4	Pipe Ram, 1st choke, 1st kill	3000	10	No visible leaks
5	Pipe Rams, 2nd choke, 2nd kill	3000	10	No visible leaks
6	Pipe Rams, check valve, 3rd kill valve	3000	10	No visible leaks
7	Hydril	1500	10	No visible leaks
8	Blind Rams, choke manifold	3000	10	No visible leaks
9	Choke manifold	3000	10	No visible leaks
10	Upper kelly	3000	10	No visible leaks
11	Lower kelly	3000	10	No visible leaks



50
 40
 30
 20
 10
 0
 10
 20
 30
 40
 50
 60
 70
 80
 90

DAY

NIGHT



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
DEC 26 1989
DIVISION OF OIL, GAS & MINING

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR: Coors Energy Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface: 2500' FWL, 900' FNL, NE/NW
At proposed prod. zone: same

5. LEASE DESIGNATION & SERIAL NO.: U-53611

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: -----

7. UNIT AGREEMENT NAME: -----

8. FARM OR LEASE NAME: Federal

9. WELL NO.: 1-29MW

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC. T. R. N. OR BLK. AND SURVEY OR AREA: Sec. 29, T24S-R15E

12. COUNTY: Emery

13. STATE: Utah

14. API NO.: 43-015-30235

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4352' GL

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

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

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

11/21 to 12/1/89 WO drilling rig and MIRU Grace Rig #179, commenced drilling w/Grace 12/1/89.

12/2 to 12/5/89 Drilled to 1176', ran 32 jts of 9-5/8" K55 36.00# STC casing, landed at 1173'KB, cemented w/450 sks. lite cement and tailed in w/120 sks. Class H cement, followed w/75 sks. Class H cement at surface.

12/6 to 12/18/89 Drilling ahead, presently at 5225'.

* Must be accompanied by a cement verification report.

CONFIDENTIAL

OIL AN
DRN
JRB
DTS
I-TAS

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

SIGNED: [Signature] TITLE: Manager, Engineering DATE: 12/18/89

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL, IF ANY: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

Confidential

2. LEASE DESIGNATION & SERIAL NO.
U-53611

3. IF INDIAN, ALLOTTEE OR TRIBE NAME

4. UNIT AGREEMENT NAME

5. FARM OR LEASE NAME
Federal

6. WELL NO.
1-29MW

7. FIELD AND POOL, OR WILDCAT
Wildcat

8. SEC. T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 29, T24S-R15E

9. COUNTY
Emery

10. STATE
Utah

11. ELEVATIONS (Show whether DF, RT, GR, etc.)
4352' GL

12. API NO.
43-015-30235

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or to fracture or acidize a well. Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED
JAN 16 1990

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Coors Energy Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
2500' FWL, 900' FNL, NE/NW

same

14. API NO.
43-015-30235

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4352' GL

12. COUNTY
Emery

13. STATE
Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

APPROX. DATE WORK WILL START _____

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>

(Other) Progress Report

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

DATE OF COMPLETION _____

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

* Must be accompanied by a cement verification report.

12/18 to
1/9/90 Continuing to drill ahead, presently at 7400'.

OIL AND GAS	
DRN	DF
JRB	GLH
DTS	SLS
I-TAS	
MICROFILM	
J-	FILE

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

SIGNED D.S. Sprague

TITLE Manager, Engineering

DATE 1-11-90

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-53611

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

FARM OR LEASE NAME

Federal

WELL NO.

1-29MW

10. FIELD AND POOL OR WILDCAT

Wildcat

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

Sec. 29, T24S-R15E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

12. TYPE OF WELL: OIL WELL GAS WELL DRY

1. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESV.

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 2500'FWL, 900'FNL, NE/NW

At top prod. interval reported below

At total depth same

Grace Rig #179

14. API NO. 43-015-30235 DATE ISSUED 11/7/89

12. COUNTY Emery

13. STATE Utah

15. DATE SPUNDED 11/16/89

16. DATE T.D. REACHED 1/26/90

17. DATE COMPL. (Ready to prod.) 1/27/90 (Plug & Abd.)

18. ELEVATIONS (DF, REB, RT, CR, ETC.) 4352'GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8434'

21. PLUG BACK T.D., MD & TVD surface

22. IF MULTIPLE COMPL. HOW MANY ---

23. INTERVALS DRILLED BY

ROTARY TOOLS 0-8434

CABLE TOOLS no

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)

P&A

25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, Borehole Compen Sonic, CND

27. WAS WELL CORED YES NO (Submit analysis)
DRILL STEM TEST YES NO (See reverse side)

OIL AND GAS

DRN RJF

IRB GLH

DTS SLS

ITAS

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"		47'	24"		
9-5/8"	36.00#	1173'	12-1/4"	645 sks.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
						None	

31. PERFORATION RECORD (Interval, size and number)

None

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

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33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
P&A							
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL--BSL.	GAS--MCF.	WATER--BSL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BSL.	GAS--MCF.	WATER--BSL.	OIL GRAVITY-API (CORR.)	

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs to be sent under separate cover. Sundry Notice w/cement verification attached.

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

SIGNED

D.S. Sprague
D.S. Sprague

TITLE

Manager, Engineering

DATE

2-2-90

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

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

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

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

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

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

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.		38. GEOLOGIC MARKERS	
Formation	Top	Bottom	Description, contents, etc.
			Name
			Meas. Depth True Vert. Depth
Chinle:	1125'		
Coconino:	2274'		
Organ Rock:	2753'		
Elephant Canyon:	3136'		
Hermosa:	4171'		
Ismay:	5727'		
Desert Creek:	6104'		
Salt Top:	6136'		
Akah:	6276'		
Salt Base:	7320'		
Molas:	7695'		
Mississippian:	8003'		

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
FEB 12 1990

1. LEASE DESIGNATION & SERIAL NO. U-53611	
2. IF INDIAN ALLOTTEE OR TRIBE NAME	
3. UNIT AGREEMENT NAME -----	
4. FARM OR LEASE NAME Federal	
5. WELL NO. 1-29MW	
6. FIELD AND POOL OR WILDCAT Wildcat	
7. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 29, T24S-R15E	
8. COUNTY Duchesne	9. STATE Utah
10. API NO. 43-015-30235	11. ELEVATIONS (Show whether DF, RT, GR, etc.) 4352' GL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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

1/27/90 P&A'd well as follows:

- 150' plug from 5430-5280' w/72 sks. Class G Neat cement
- 120' plug from 2430-2310' W 76 SKS. Class G Neat cement
- 100' plug 50' in and 50' out of 9-5/8" surface casing from 1226-1126' w/48 sks. Class G Neat cement
- 50' plug at surface w/20 sks. Class G Neat cement

See cement verification attached

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

SIGNED D.S. Sprague TITLE Manager, Engineering DATE 2-2-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

WESTERN PETROLEUM

DATE 2-27-90

DISTRICT Verm Utah

F.R.# 118628

SERVICES

OPERATOR Coors Energy

CEMENTING

WELL NAME & NUMBER Fed 1-29-mw

LOCAL SEC. 29

BLOCK OR TOWNSHIP 24 S

SURVEY OR RANGE 15 E

RECEIVED FEB 12 1990

COUNTY Energy

STATE Utah

STAGE NUMBER 1

TYPE JOB Pa H

DIVISION OF OIL, GAS & MINING

TBG/DP: Size	4.5	Weight	20.0	Disp	.01287	Conductor	Surface	Int.	Prod.	Liner
Perforated Interval			10.6		.01432	Size	9 5/8			
Pkr. Type		Set at				Weight	36			
Open Hole Size		Formation				Thread	8sd			
Stage Collar Type		Set at				Capacity	.0773			
Estimated Wash Out		%				Depth	1177			

Sacks or Bbls.	Composition of Cement and Spacer	Gals/sk H2O	Weight Lb/Gal	Yield Ft 3	Pump Time Hours	TOTAL Cu. Ft.	TOTAL Bbls.
72.0	G Neat	4.97	15.5	1.11	2.5	52.0	14.5
76.0	G Neat	4.97	15.5	1.14	2.5	56.5	15.4
47.0	G Neat	4.97	15.8	1.14	2.5	54.7	9.7
20.0	G Neat	4.97	15.8	1.14	2.5	22.8	4.0

Total Mix H2O 25.4 Bbls. Total Displacement 115 Bbls, Type Mud Total Products 43.6 Bbls

Time	Remarks	Rate	Pressure	
			Tubing	Casing
9:12	1st Plug 130-5750 start H2O ahead (15.11)	1.5	-	-
9:22	start Slurry (14.5 BBL)	1.8	-	-
9:30	start H2O Behind (2.4 BBL)	2.0	-	-
9:31	start Mud (72.0 BBL)	4.2	-	-
9:48	shut down	-	-	-
11:55	2nd Plug 2430-2210 start H2O ahead (15.11)	1.5	-	-
12:05	start Slurry (15.4 BBL)	3.0	-	-
12:11	start H2O Behind (1.9 BBL)	2.0	-	-
12:13	start mud (30.5 BBL)	3.4	-	-
12:22	shut down	-	-	-
4:21	3rd Plug 12210-1126 start H2O ahead (15.11)	1.9	-	-
4:29	start Slurry (3.7 BBL)	1.4	-	-
4:36	start H2O behind (3.7 BBL)	3.0	-	-
4:37	start mud (12.2 BBL)	1.5	-	-
4:45	shut down	-	-	-
5:33	4th Plug 50' - surface start H2O ahead (10.0)	2.0	-	-
5:38	start Slurry (4 BBL)	2.0	-	-
5:40	start H2O Behind (1.5 BBL)	2.0	-	-
5:41	shut down	-	-	-

Break Down At BPM At PSI
 Squeezed To PSI Running Hesitation
 Reversed out BBL Slurry at PSI
 Customer considered service Satisfactory
 Unsatisfactory

Max Pressure Differential Press.
 Bumped Plug Yes No Pressure to
 Cmt. Circ. to surface Sacks
 Float Held Yes No
 Shut in with PSI

Customer Rep: *[Signature]*

Service Supervisor *[Signature]*



June 20, 1991

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

Attn: Ms. Vicki Carney

Dear Vicki:

Enclosed you will find a copy of the Borehole Compensated
Sonic, Compensated Neutron-Litho-Density and Dual
Laterolog for the following well:

Federal 1-29MW
Section 29, T24S-R15E
Emery County, Utah

Let us know if you find you will need anything further.

Very truly yours,

Karen Radcliffe
Production Secretary

KR

Enclosures

RECEIVED

JUN 24 1991

DIVISION OF
OIL GAS & MINING