

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Enron Oil & Gas Co.

3. ADDRESS OF OPERATOR
 P.O. Box 1815, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 475' FNL & 638' FEL NE/NE
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 23 1/2 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 475'

16. NO. OF ACRES IN LEASE
 1,240

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

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

19. PROPOSED DEPTH
 4,800' WSTC

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7,177' GR

22. APPROX. DATE WORK WILL START*
 October 1, 1990

5. LEASE DESIGNATION AND SERIAL NO.
 U-60958

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Gate Canyon Federal

9. WELL NO.
 41-10

10. FIELD AND POOL, OR WILDCAT
 Gate Canyon Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 10, T11S, R15E

12. COUNTY OR PARISH
 Duchesne

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0	200'	150 sx Class G/1/4 sx Flocele Sufficient to protect zones
7 7/8"	5 1/2"	15.5	4,800'	

SEE ATTACHMENTS FOR:
 Application for Access Road Right-of-Way
 Surface Use & Operating Plan
 8 Point Plan
 Drilling Program
 BOP Design
 Location Plan
 Location Layout
 TOPO Maps "A", "B" & "C Area Map"
 Production Faciliteies Schematic
 Archeological Evaluation
 Estimated Bottom Hole Pressure
 Nation Wide Bond Number

OIL AND GAS	
DFN	RIF
JOB	GIH
DIS	SLS
L-TAS	
MICROFILM	
FILE	

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

24. SIGNED Linda L. Wall TITLE Sr. Admin. Clerk DATE 10-2-90

(This space for Federal or State office use)
 PERMIT NO. 43-013-31090 APPROVAL DATE _____
 APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
 DATE: 10/2/90
 BY: [Signature]
 WELL SPACING: 2615'

*See Instructions On Reverse Side

T11S, R15E, S.L.B.&M.

ENRON OIL & GAS CO.

Well location, GATE CANYON FEDERAL #41-10, located as shown in the NE 1/4 NE 1/4 of Section 10, T11S, R15E, S.L.B.&M. Duchesne County, Utah.

5278.72' (Measured)
N89°53'W - Basis of Bearings (G.L.O.)

Marked Stone (Not Set),
Steel Fence Post

Marked Stone (Not Set),
5/8" Rebar

(Comp.) 475'
638'
Comp.)

GATE CANYON FEDERAL #41-10
Elev. Ungraded Ground = 7243'

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 10, T11S, R15E, S.L.B.&M. TAKEN FROM THE GILSONITE DRAW QUADRANGLE, UTAH - DUCHESENE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7177 FEET.

N0°02'W (G.L.O.)

10

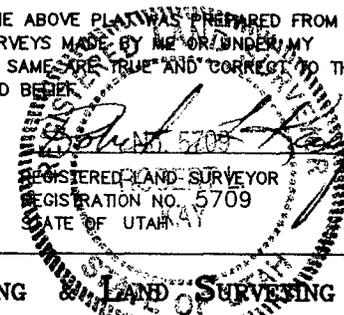
N0°01'W (G.L.O.)

S89°57'W - 79.98 chs. (G.L.O.)



CERTIFICATE

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



UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

NOTE:

Well location bears S53°24'21"W
794.0' From the Northeast Corner
of Section 10.

▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE 9-20-90
PARTY D.A. K.L. J.R.S.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE ENRON OIL & GAS CO.

SURFACE USE AND OPERATING PLAN

WELL NAME: GATE CANYON FEDERAL 41-10

LOCATION: 475' FNL & 638' FEL NE/NE
SEC. 10, T11S, R15E
DUCHESNE Co., UTAH

RECEIVED
OCT 05 1990

DIVISION OF
OIL, GAS & MINERAL

1. EXISTING ROADS

- A. The proposed wellsite is located approximately 23 1/2 miles south of Myton, Utah.
- B. Refer to the attached TOPO Map "A" for directions to the wellsite.
- C. Access to the proposed wellsite will be over existing State and County roads and Enron's planned access road. Traveling will be restricted to these roads only.
- D. See attached TOPO Map "B" for all roads within this vicinity.
- E. Roads will be maintained and repaired as necessary.

2. ACCESS ROAD

- A. See attached road right-of-way map.
- B. The proposed access road will be 100' in length and width will be 30' right-of-way with an 18 foot running surface maximum. Subgrade will be 16' (maximum grade 1%), with V ditches along either side where it is determined necessary in order to handle any run-off from any normal meteorological conditions that are prevalent in this area.
- C. The access road will be dirt surface.
- D. The road will be centerline flagged prior to commencement of construction.
- E. Access road surface is owned by the BLM.
- F. Access roads and surface disturbing activities will conform to standards outlined in the BLM/Forest Service (1989) Surface Operating Standards for Oil and Gas Development.
- G. The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossing shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages

be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

- H. There will be no turn outs required.
- I. No culverts will be required.
- J. No cattleguards will be required.
- K. No Drainage design is needed.
- L. A Right-of Way application is needed. A copy of the ROW grant shall be with the dirt contractor during the construction and thereafter kept on location with the complete copy of the approved APD.
- M. The proposed access road shall utilize the upgraded 2-track trail approximately 100' as agreed upon during the onsite inspection.

3. LOCATION OF EXISTING WELLS

- A. See attached area well map for all wells within a one mile radius of this vicinity.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

- A. Proposed production facilities diagram is attached should this well produce gas.
- B. All Production equipment owned and controlled by Enron will be kept on the location pad.
- C. All permanent structures constructed or installed will be painted a flat non-reflective Carlsbad Canyon tan color to match the standard environmental colors as selected by BLM for this area. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health ACT) will be excluded.
- E. If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain at a minimum, the entire content of the largest tank within the facility/battery. Tank batteries will be report on a Sundry Notice.
- F. Should anything of significant value be turned up during construction of this wellsite, notification will be given to the proper authorities and all work will be stopped until clearance is given.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. ~~Water~~ will be hauled West Hazmat Trucking Corp.
- B. Permit #T64932 Water Right #47-1793
Location N 1400' W 200' FSL Corner of Sec. 13, T4S, R2W

6. SOURCE OF CONSTRUCTION MATERIALS

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of location.

- B. No additional materials are anticipated at this time.

7. METHODS FOR HANDLING WASTE DISPOSAL

- A. See location layout.
- B. Drill cuttings, drilling fluids and produced fluids will be disposed of in the reserve pit on the location pad.
- C. A wire mesh fence will be maintained in good order around the disposal pit during the drilling and completion of the well.
- D. This reserve pit upon completion of the drilling activities will be fenced on three sides with the open side on the rig side to protect all domestic animals and wildlife. This pit will be utilized during completion phase of the well for storage of produced fluids. The BLM will be called to inspect the pit.
- E. Pits will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls.
- F. When the pit dries and the reclamation activities commence the pit will be covered to meet BLM requirements.
- G. Lining of the reserve pit will be determined by BLM & EOG upon construction.
- H. A portable toilet will be provided for human waste during drilling phase of the well. This will be disposed of at the Vernal Sewage Disposal Plant.
- I. There will be no burning. Garbage and other waste materials will be contained in a wire mesh cage and disposed of in an approved waste disposal facility at the completion of the drilling activities.
- J. Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. ANCILLARY FACILITIES

- A. No airstrips or camps are planned for this well.

9. WELL SITE LAYOUT

- A. See attached Location Layout.
- B. See Attached cross-section of the drill pad.
- C. See attached TOPO Map "B" for location of access road to location and rig orientation.
- D. As mentioned in item 7 "B" drill cuttings, drilling fluids and produced fluids will be contained in the reserve pit, so the surrounding area will not be contaminated. The pit will

be lined with a gel and/or any other type material deemed necessary to make it safe and tight.

- E. For reserve pit location see well site diagram.
- F. The stockpiled topsoil will be stored on the east.
- G. Access to well pad will be from the north northwest.
- H. Diversion ditch (es) shall be constructed on the south side of the location (above & below) the cut slope, draining to the northwest.

10. MINIMUM FENCING STANDARDS FOR EXPLORATION AND PRODUCTION PITS:

- A. FENCE: 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire (the barbed wire is not necessary IF pipe or some type of reinforcement rod is attached to the top of the entire fence.).
- B. WIRE SPACING: The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. CORNER BRACES: Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D. LINE POSTS Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. FENCE CONSTRUCTION: All wire shall be stretched tight before the wire is attached to the corner braces. Pulling the wire tight by hand without the use of a stretching device is not acceptable.
- F. An operator may request the authorized officer to approve a variance from the prescribed minimum fencing standards. All such requests shall be submitted in writing to the appropriate authorized officer and provide information as to the circumstances which warrant approval of the variance(S) requested and the proposed alternative(s) meet or exceed the objectives of the applicable minimum standard(s).

11. PLANS FOR RECLAMATION

- A. During the on site, the BLM will recommend where the topsoil will be stockpiled. When all drilling and production activities have been completed, the location site and access road will be reshaped to original contour and the stockpile topsoil spread over the disturbed area. Any drainages rerouted during the construction activities shall be restored to their original line of flow as near as possible.
- B. Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.
- C. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and

that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within 90 days from the date of well completion.

- D. Reclamation and revegetation will take place as soon as the pits are completely dry. This will be done according to the BLM. The location site and access road shall be reseeded when the moisture content of the soil is adequate for germination. Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface. Seed will be broadcast or drilled. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).
- E. All seeding will be done from September 15 until the ground freezes and spring until April 15.
- F. As mentioned in #7, the reserve pit will be completely fenced and allowed to dry completely before covering. All cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within 90 days from the date of well completion.
- G. If necessary, overhead flagging will be installed if oil remains on pit after drilling is completed.
- H. Reclamation activities shall begin when the pit is sufficiently dry. Once reclamation activities have begun, they shall be completed within 30 days. The lessee further covenants and agrees that all of said clean-up and reclamation activities shall be done and performed in a diligent and workmanlike manner and in strict conformity with the above mentioned items.
- I. Those portions of the location not needed for production operations will be reclaimed and reseeded to BLM specifications.
- J. At such time as the well is plugged and abandoned the operation will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements. If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.
- K. **BLM RECOMMENDATIONS FOR RECLAMATION:**
Compacted areas of the well pad should be plowed or ripped to a depth of 12" before reseeding. Seeding should be done with a disc-type drill to ten inches apart. The seed should be planted between one-half inch deep and three quarters inch deep. A drag, packer or roller may be used to insure uniform coverage of the seed, and adequate compaction. Drilling of the seed should be done on the contour where

possible. Where slopes are too steep for contour drilling a "cyclone" hand-seeder or similar broadcast seeder should be used, using twice the recommended seed per acre. Seed should then be covered to a depth described above by what-ever means is practical.

11. SURFACE OWNERSHIP

- A. Surface is owned by BLM.
- B. Other surface-use activities other than mineral exploration is livestock grazing.

12. OTHER INFORMATION

- A. See attached TOPO Map "A".
- B. Vegetation consists of sagebrush and native range grass. Wildlife consists of deer, antelope, birds and small rodents.
- C. There is no water, occupied dwellings, archaeological, historical or cultural sites on this location.
- D. Noxious weeds will be controlled along right-of-ways for roads, pipelines, well sites or other applicable facilities.
- E. Enron Oil & Gas Co. or their contractor shall contact the BLM (801) 789-1362 (Byron Tolman or Paul Andrews) between 24 and 48 hours prior to construction activities.
- F. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.
- G. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees Enron Oil & Gas Co. is fully responsible for the actions of its sub-contractors. A copy of these conditions will be furnished the field representative to insure compliance.
- H. The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.
- I. In order to minimize watershed damage during the period from November 1 to April 30, exploration, drilling and other development activity will be allowed only during dry soil periods, over a snow cover or frozen ground. This limitation does not apply to maintenance & operation of producing wells. Exceptions to this limitation in any year may be specifically approved in writing by the authorized officer of the Bureau of Land Management.

- J. Enron Oil & Gas Co. or our contractor shall contact the BLM Office (801) 789-1362 Ralph Brown between 24 and 48 hours prior to construction activities.
- K. The flare pit well be located a minimum of 30 feet from the reserve pit fence, and 100 feet from the bore hole on the west side of the location, between points 5 and 6. All fluids will be removed from the pit with in 48 hours of occurrence.
- L. APD/NOS surface program stipulation: Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- M. Each existing fence to be crossed by the right-of-way will be braced and tied off before cutting so as to prevent slacking of the wire. The opening will be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate will be installed in any fence where a road is to regularly travelled. Prior to crossing any fence located on federal land, or any fence between federal land and private land, Enron Oil & Gas Co. will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off. The fence will be moved back to the south to accommodate well pad & will be moved back to original line upon abandonment of the the well if so requested by the BLM.
- N. A silt catchment dam will be constructed on the northeast of the location approximately 200 yards below the road where flagged as shown at the onsite. **CONDITION OF APPROVAL - CULTURAL RESOURCE PROTECTION PROCEDURES:**
- A. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

whether the materials appear eligible for the National

Register of Historic Places;

the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and,

a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

- B. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction.

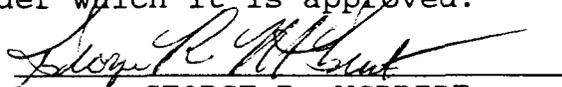
LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Enron Oil and Gas Company
P.O. Box 1815
Vernal, Utah 84078
George McBride
Telephone: (801) 789-0790

Enron Oil and Gas Company
P.O. Box 250
Big Piney, Wyoming
Dennis Brabec
Telephone: (307) 276-3331

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in the Plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed here in will be performed by ENRON OIL & GAS COMPANY and its contractors and sub-contractors in conformity with this Plan and the terms and conditions under which it is approved.

10-3-90
DATE



GEORGE R. MCBRIDE
PRODUCTION FOREMAN

lw

0942mm/

PLAN OF DEVELOPMENT
RIGHT-OF-WAY
FOR THE
ENRON OIL & GAS CO.
ACCESS ROAD FOR GATE CANYON FEDERAL 41-10
LOCATED IN
SEC. 3, T11S, R15E, SEC. 4, T11S, R15E,
SEC. 10, T11S, R15E
DUCHESNE COUNTY, UTAH
OCTOBER 1, 1990

1. DESCRIPTION OF FACILITY:

1-1. Purpose and need for the right-of-way: Enron Oil & Gas Co. has the need to travel said access road to drill, complete, operate and maintain an oil well in this area for which application is made.

- 1-1-1. **Commodity:** The commodity to be produced at well in area accessed by road is oil. The oil transported on the access road will be sold in market areas of opportunity.
- 1-1-2. **Type of road:** The proposed access road utilizes the upgraded 2-track trail.
- 1-1-3. **Length of Access Road:** Length of road ROW applied for is approximately 1.1 mile of existing BLM road and 100' to be constructed by Enron Oil & Gas Co.
- 1-1-4. **Width of Access Road:** The proposed access road is 30' in width with a 18' running surface maximum.

1-2. Access Road Design Factors:

- 1-2-1. **Access Road Subgrade:** Subgrade is 16' (maximum grade 1%) with V ditches along either side where it is determined necessary in order to handle any run off from any normal meteorological conditions that are prevalent in this area.
- 1-2-2. **Access Road Surface:** Access road surface is dirt. Surfacing material source is onsite.

1-3. Special Considerations:

- 1-3-1. **Access roads and Disturbing Activities:** The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossing shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing

nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

1-3-2. **ROW Grant Copies:** A copy of the ROW Grant will be with the dirt contractor during the construction and thereafter kept on location with the complete copy of the approved APD.

1-4. **Government Agencies Involved:** Bureau of Land Management, Vernal District at 170 South 500 East, Vernal, Utah 84078 is the permit issuing authority of the Federal Government.

1-5. **Right-of-Way Location:** The right-of-way location is shown on the attached map, Enron Oil & Gas Co., Lease No.s U-66471 and U-60958.

T11S, R15E
Section 3
T11S, R15E
Section 4
T11S, R15E
Section 15

1-6. **Resource Values & Environmental Concerns:** There are no known conflicts with federal, state or local land use or zoning stipulations, threatened or endangered species, flood plains, farmlands or water resources. The area is primarily used for the grazing of livestock and oil and gas production.

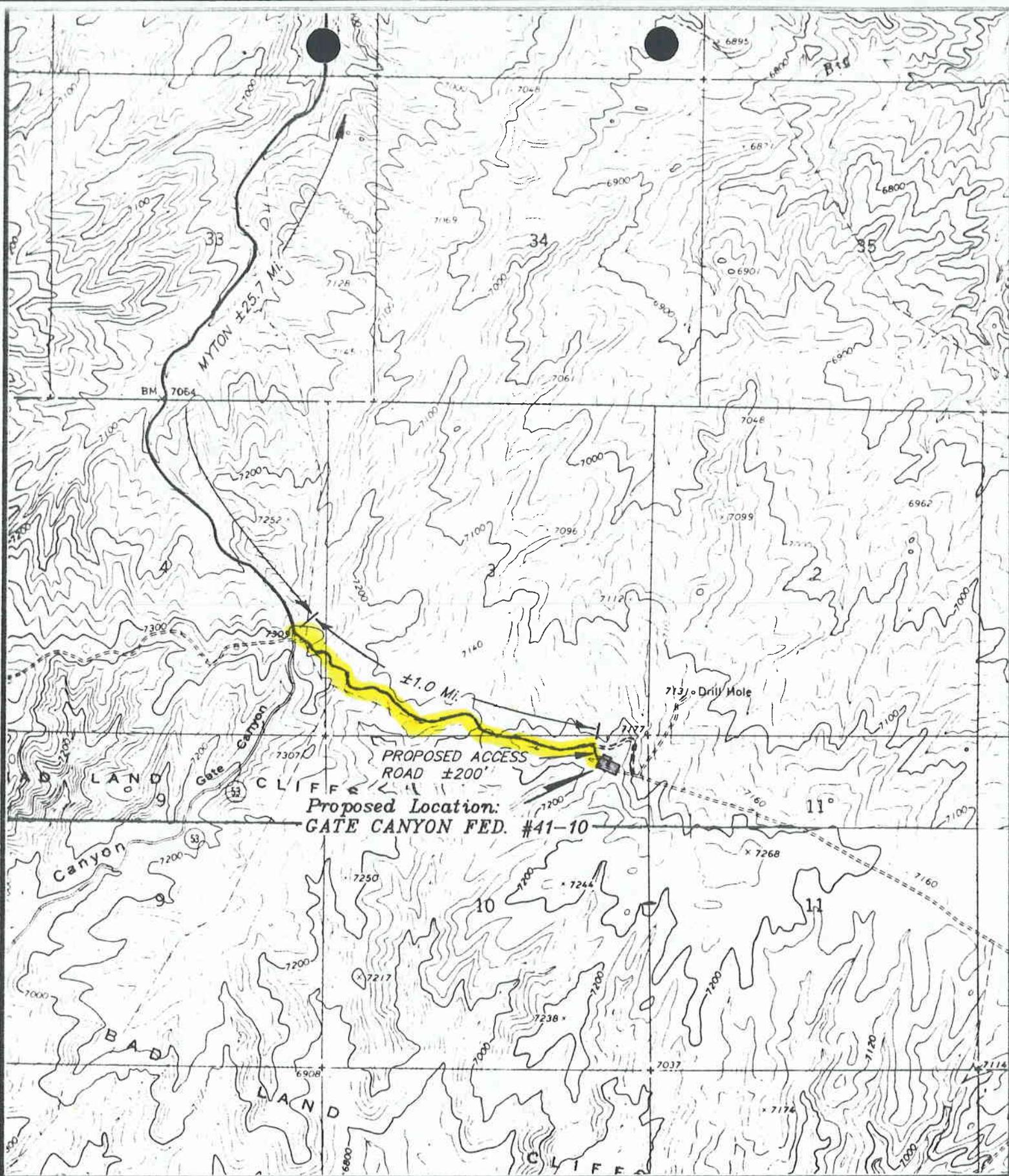
Any cultural and/or paleontological resources discovered by Enron Oil & Gas Co. on federal or state lands shall be immediately reported to the authorized officer.

It appears that there will be no adverse effects on the wildlife of the area do to travel of the access road.

Guide Stipulation For Access Road Right-of-Way: From H-2801-1 Right-of-Way Plans of Development and Grants.

/0947mm/

lw/



"EXHIBIT A"

TOPOGRAPHIC
MAP "B"

SCALE: 1" = 2000'

DATE: 9-20-90 J.R.S.



ENRON OIL & GAS CO.

GATE CANYON FED. #41-10
SECTION 10, T11S, R15E, S.L.B.&M.

APPLICATION FOR TRANSPORTATION AND
UTILITY SYSTEMS AND FACILITIES
ON FEDERAL LANDS

FORM APPROVED
OMB NO. 1004-0060
Expires: May 31, 1989

NOTE: Before completing and filing the application, the applicant should completely review this package and schedule a preapplication meeting with representatives of the agency responsible for processing the application. Each agency may have specific and unique requirements to be met in preparing and processing the application. Many times, with the help of the agency representative, the application can be completed at the preapplication meeting.

FOR AGENCY USE ONLY

Application Number

Date filed

1. Name and address of applicant (include zip code) Enron Oil & Gas Co. P.O. Box 1815 211 South 1000 East Vernal, Utah 84078	2. Name, title, and address of authorized agent if different from Item 1 (include zip code) George McBride Production Foreman	3. TELEPHONE (area code) Applicant (801) 789-0790 Authorized Agent (801) 789-0790
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4. As applicant are you? (check one) a. <input type="checkbox"/> Individual b. <input checked="" type="checkbox"/> Corporation * c. <input type="checkbox"/> Partnership/Association * d. <input type="checkbox"/> State Government/State Agency e. <input type="checkbox"/> Local Government f. <input type="checkbox"/> Federal Agency * If checked, complete supplemental page	5. Specify what application is for: (check one) a. <input checked="" type="checkbox"/> New authorization b. <input type="checkbox"/> Renew existing authorization No. _____ c. <input type="checkbox"/> Amend existing authorization No. _____ d. <input type="checkbox"/> Assign existing authorization No. _____ e. <input type="checkbox"/> Existing use for which no authorization has been received * f. <input type="checkbox"/> Other * * If checked, provide details under Item 7
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6. If an individual, or partnership are you a citizen(s) of the United States? Yes No

7. Project description (describe in detail): (a) Type of system or facility, (e.g., canal, pipeline, road); (b) related structures and facilities; (c) physical specifications (length, width, grading, etc.); (d) term of years needed; (e) time of year of use or operation; (f) Volume or amount of product to be transported; (g) duration and timing of construction; and (h) temporary work areas needed for construction. (Attach additional sheets, if additional space is needed.)

A. Request for road Right-of-way for 1.1 miles of existing road on BLM lands, and 100' of road to be constructed by Enron Oil & Gas Co.

B. None

C. 1.1 Mile of existing road on BLM Land plus 100' of road to be constructed by Enron Oil & Gas Co. Road width is 30' with 18' running surface. Maximum grade is 1%. Surfacing material is onsite.

D. Applicant is applying for a thirty (30) year Right-of-Way grant under Section 28 of the Mineral Leasing Act.

E. Use of the road will be required 365 days per year and will be utilized for at least 25 years.

F. Loads of oil will be transported to market over said access road.

G. 100' will be constructed as soon as approval is received.

H. None

8. Attach map covering area and show location of project proposal Attached Applied for Not required See Exhibit "A"

9. State or local government approval: Attached Applied for Not required

10. Nonreturnable application fee: Attached Not required To be determined by BLM

11. Does project cross international boundary or affect international waterways? Yes No (If "yes," indicate on map)

12. Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested.

Enron Oil & Gas Co. has the technical and financial capability to construct, operate, maintain, and terminate road for which authorization is being requested..

13a. Describe other reasonable alternative routes and modes considered.

No feasible alternative routes.

b. Why were these alternatives not selected?

N/A

c. Give explanation as to why it is necessary to cross Federal lands.

N/A

14. List authorizations and pending applications filed for similar projects which may provide information to the authorizing agency. (Specify number, date, code, or name.)

None

15. Provide statement of need for project, including the economic feasibility and items such as: (a) cost of proposal (construction, operation, and maintenance); (b) estimated cost of next best alternative; and (c) expected public benefits.

This Right-of-Way is necessary to effectively produce oil from a federal minerals well. The total cost of the 100' section is unknown at this time. Expect public benefits will result from the increase in federal & state revenues on the produced oil.

16. Describe probable effects on the population in the area, including the social and economic aspects, and the rural lifestyles.

None anticipated.

17. Describe likely environmental effects that the proposed project will have on: (a) air quality; (b) visual impact; (c) surface and ground water quality and quantity; (d) the control or structural change on any stream or other body of water; (e) existing noise levels; and (f) the surface of the land, including vegetation, permafrost, soil, and soil stability.

No environmental effects expected.

18. Describe the probable effects that the proposed project will have on: (a) populations of fish, plant, wildlife, and marine life, including threatened and endangered species; and (b) marine mammals, including hunting, capturing, collecting, or killing these animals.

Because of the arid areas involved there will be no effects of fish, marine life or wildlife. Limited surface disturbance activities or anticipated thus vegetative disturbance will be minimal. there are no known threatened or endangered species in this area which will be impacted by this ROW.

19. Name all the Department(s)/Agency(ies) where this application is being filed.

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

I HEREBY CERTIFY, That I am of legal age and authorized to do business in the State and that I have personally examined the information contained in the application and believe that the information submitted is correct to the best of my knowledge.

Signature of Applicant



Date

October 2, 1990

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.

SUPPLEMENTAL

NOTE: The responsible agency(ies) will provide additional instructions.

CHECK APPROPRIATE
BLOCK

I - PRIVATE CORPORATIONS

	ATTACHED	FILED*
a. Articles of Incorporation	<input type="checkbox"/>	<input type="checkbox"/>
b. Corporation Bylaws	<input type="checkbox"/>	<input type="checkbox"/>
c. A certification from the State showing the corporation is in good standing and is entitled to operate within the State.	<input type="checkbox"/>	<input type="checkbox"/>
d. Copy of resolution authorizing filing	<input type="checkbox"/>	<input type="checkbox"/>
e. The name and address of each shareholder owning 3 percent or more of the shares, together with the number and percentage of any class of voting shares of the entity which such shareholder is authorized to vote and the name and address of each affiliate of the entity together with, in the case of an affiliate controlled by the entity, the number of shares and the percentage of any class of voting stock of that affiliate owned, directly or indirectly, by that entity, and in the case of an affiliate which controls that entity, the number of shares and the percentage of any class of voting stock of that entity owned, directly or indirectly, by the affiliate.	<input type="checkbox"/>	<input type="checkbox"/>
f. If application is for an oil or gas pipeline, describe any related right-of-way or temporary use permit applications, and identify previous applications.	<input type="checkbox"/>	<input type="checkbox"/>
g. If application is for an oil and gas pipeline, identify all Federal lands by agency impacted by proposal.	<input type="checkbox"/>	<input type="checkbox"/>

II - PUBLIC CORPORATIONS

a. Copy of law forming corporation	<input type="checkbox"/>	<input type="checkbox"/>
b. Proof of organization	<input type="checkbox"/>	<input type="checkbox"/>
c. Copy of Bylaws	<input type="checkbox"/>	<input type="checkbox"/>
d. Copy of resolution authorizing filing	<input type="checkbox"/>	<input type="checkbox"/>
e. If application is for an oil or gas pipeline, provide information required by Item "I-f" and "I-g" above.	<input type="checkbox"/>	<input type="checkbox"/>

III - PARTNERSHIP OR OTHER UNINCORPORATED ENTITY

a. Articles of association, if any	<input type="checkbox"/>	<input type="checkbox"/>
b. If one partner is authorized to sign, resolution authorizing action is	<input type="checkbox"/>	<input type="checkbox"/>
c. Name and address of each participant, partner, association, or other	<input type="checkbox"/>	<input type="checkbox"/>
d. If application is for an oil or gas pipeline, provide information required by Item "I-f" and "I-g" above.	<input type="checkbox"/>	<input type="checkbox"/>

*If the required information is already filed with the agency processing this application and is current, check block entitled "Filed." Provide the file identification information (e.g., number, date, code, name). If not on file or current, attach the requested information.

NOTICE

The Privacy Act of 1974 provides that you be furnished the following information in connection with information required by this application for an authorization.

AUTHORITY: 16 U.S.C. 310; 5 U.S.C. 301.

PRINCIPLE PURPOSE: The information is to be used to process the application.

ROUTINE USES: (1) The processing of the applicant's request for an authorization. (2) Documentation for public information. (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Disclosure of the information is voluntary. If all the information is not provided, the application may be rejected.

DATA COLLECTION STATEMENT

The Federal agencies collect this information from applicants requesting right-of-way, permit, license, lease, or certification for the use of Federal lands.

The Federal agencies use this information to evaluate the applicant's proposal.

The public is obligated to submit this form if they wish to obtain permission to use Federal lands.

APPLICATION FOR TRANSPORTATION AND UTILITY SYSTEMS
AND FACILITIES ON FEDERAL LANDS

GENERAL INFORMATION
ALASKA NATIONAL INTEREST LANDS

This application will be used when applying for a right-of-way, permit, license, lease, or certificate for the use of Federal lands which lie within conservation system units and National Recreation or Conservation Areas as defined in the Alaska National Interest Lands Conservation Act. Conservation system units include the National Park System, National Wildlife Refuge System, National Wild and Scenic Rivers System, National Trails System, National Wilderness Preservation System, and National Forest Monuments.

Transportation and utility systems and facility uses for which the application may be used are:

1. Canals, ditches, flumes, laterals, pipes, pipelines, tunnels, and other systems for the transportation of water.
2. Pipelines and other systems for the transportation of liquids other than water, including oil, natural gas, synthetic liquid and gaseous fuels, and any refined product produced therefrom.
3. Pipelines, slurry and emulsion systems, and conveyor belts for transportation of solid materials.
4. Systems for the transmission and distribution of electric energy.
5. Systems for transmission or reception of radio, television, telephone, telegraph, and other electronic signals, and other means of communications.
6. Improved rights-of-way for snow machines, air cushion vehicles, and all-terrain vehicles.
7. Roads, highways, railroads, tunnels, tramways, airports, landing strips, docks, and other systems of general transportation.

This application *must* be filed simultaneously with each Federal department or agency requiring authorization to establish and operate your proposal.

In Alaska, the following agencies will help the applicant file an application and identify the other agencies the applicant should contact and possibly file with:

Department of Agriculture
Regional Forester, Forest Service (USFS)
Federal Office Building, P.O. Box 21628
Juneau, Alaska 99802-1628
Telephone: (907) 586-7847 (or a local Forest Service Office)

Department of Interior
Bureau of Indian Affairs (BIA)
Juneau Area Office, P.O. Box 3-8000
Juneau, Alaska 99802
Telephone: (907) 586-7144

Bureau of Land Management (BLM)
701 C Street, Box 13
Anchorage, Alaska 99513
Telephone: (907) 271-5477 (or a local BLM Office)

National Park Service (NPS)
Alaska Regional Office, 2525 Gambell St., Rm 107
Anchorage, Alaska 99503
Telephone: (907) 261-2690

U.S. Fish & Wildlife Service (FWS)
Office of the Regional Director
1011 East Tudor Road
Anchorage, Alaska 99503
Telephone: (907) 786-3440

Note-Filings with any Interior agency may be filed with any office noted above or with the: Office of the Secretary of the Interior, Regional Environmental Officer, Box 120, 1675 C Street, Anchorage, Alaska 99513.

Department of Transportation
Federal Aviation Administration
Alaska Region AAL-4, P.O. 14
Anchorage, Alaska 99513

NOTE - The Department of Transportation has established the above central filing point for agencies within that Department. Affected agencies are: Federal Aviation Administration (FAA), Coast Guard (USCG), Federal Highway Administration (FHWA), Federal Railroad Administration (FRA).

OTHER THAN ALASKA NATIONAL INTEREST LANDS

Use of this form is not limited to National Interest Conservation Lands of Alaska.

Individual departments/agencies may authorize the use of this form by applicants for transportation and utility systems and facilities on other Federal lands outside those areas described above.

For proposals located outside of Alaska, applications will be filed at the local agency office or at a location specified by the responsible Federal agency.

SPECIFIC INSTRUCTIONS
(Items not listed are self-explanatory)

Item

- 7 Attach preliminary site and facility construction plans. The responsible agency will provide instructions whenever specific plans are required.
- 8 Generally, the map *must* show the section(s), township(s), and range(s) within which the project is to be located. Show the proposed location of the project on the map as accurately as possible. Some agencies require detailed survey maps. The responsible agency will provide additional instructions.
- 9, 10, and 12 - The responsible agency will provide additional instructions.
- 13 Providing information on alternate routes and modes in as much detail as possible, discussing why certain routes or modes were rejected and why it is necessary to cross Federal lands will assist the agency(ies) in processing your application and reaching a final decision. Include only reasonable alternate routes and modes as related to current technology and economics.
- 14 The responsible agency will provide instructions.
- 15 Generally, a simple statement of the purpose of the proposal will be sufficient. However, major proposals located in critical or sensitive areas may require a full analysis with additional specific information. The responsible agency will provide additional instructions.
- 16 through 18 - Providing this information in as much detail as possible will assist the Federal agency(ies) in processing the application and reaching a decision. When completing these items, you should use sound judgment in furnishing relevant information. For example, if the project is not near a stream or other body of water, *do not* address this subject. The responsible agency will provide additional instructions.

Application *must* be signed by the applicant or applicant's authorized representative.

If additional space is needed to complete any item, please put the information on a separate sheet of paper and identify it as "Continuation of Item".

EXXON
OIL & GAS COMPANY

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OCT 05 1990

DRILLING PROGRAM

DATE: SEPTEMBER 6, 1990

REVISION NO. & DATE: _____

PROSPECT: GATE CANYON (WILDCAT)

LEASE: _____

DIVISION OF
OIL, GAS & MINING

WELL NUMBER: Gate Canyon Federal 41-10 STATE: Utah COUNTY Duchesne

WELL CLASSIFICATION: WC-OIL ANTICIPATED PRODUCTION: OIL X GAS _____ OTHER _____

LOCATION CALL: 460' FNL & 460' FEL (NE NE) estimated

Section 10, T11S, R15E

Duchesne County, Utah

ELEVATION: 7220' GL (Est.) 7235' KB Elevation (Est.)

DIRECTION LIMITATIONS: Maximum deviation for the hole will be 6° w/no more than a 1°/100' dogleg severity. See page number 4 for distance between surveys.

TYPE RIG: Land Rotary APPROVED DEPTH: 4800' PERMIT DEPTH 4800'

CONDUCTOR NEEDED? No IF YES, SIZE AND HOW SET _____

HOLE SIZE	CASING SIZE	DEPTH*	CEMENT PROGRAM
12-1/4"	8-5/8"	200'	150 sx Class "G" w/2% CaCl ₂ & 1#/sx Flocele.
7-7/8"	5-1/2"	4800'	Cover interval from TD to 1800' with 50/50 Pozmix w/2% gel & 10% salt. Final volume to be calculated from Caliper log plus 15% excess. Circulate casing 1 hour minimum before cementing or until mud is not gas cut. Reciprocate casing during cementing. Precede cement w/10 bbls mud flush.

CRITERIA FOR DETERMINING CASING SEAT FOR CRITICAL STRINGS: Drill surface

hole with air drilling rig.

WOC 4 hours before releasing from surface rig. Wait overnight before

drilling rat and mouse holes.

DRILLING PROGRAM

-2-

WELL: Gate Canyon Federal 41-10

CENTRALIZERS: (DEPTH & TYPE): SURFACE: One 8' above shoe & one on 1st and 3rd collar.

PRODUCTION: One 8' above shoe joint and then one every other collar across all zones of interest.

STAGE COLLARS, BASKETS, OTHER SPECIAL EQUIPMENT: _____

SURFACE: Guide shoe & insert collar w/top plug.

PRODUCTION: Differential fill float shoe & differential fill float collar w/top & bottom plugs.

PUMPING RATES/SPECIAL INSTRUCTIONS: _____

SURFACE: Mix 4 sx gel in 10 bbls of fresh water. Pump water ahead to determine if water will circulate or if cement volume needs to be adjusted.

PRODUCTION: Circulate casing a minimum of 1 hour or until mud is not gas cut prior to cementing. Reciprocate casing 30' during cementing & displacement, but stop reciprocation when 10 bbls of displacement remain.

LOGGING PROGRAM: PRODUCTION: DLL/MSFL/GR/SP from TD to base of surface casing.

PDC-CNL-GR Caliper from TD to 2900' (2.68 matrix density, 0-150 GR)

or minimum run. Continue Caliper to base of surface casing.

CORES: None anticipated.

SAMPLES: Collect 30' samples from below surface casing to 2400'. Collect 10' samples from 2400' to TD or as directed by wellsite geologist.

FORMATION TESTS: DST K-3, "N" Limestone & sands below "H" interval with porosity & shows.

MUD LOGGING: (INCLUDES SERVICES & DEPTH): From 1800' to TD.

Calibrate mud logger to 2000 units for saturation.

DETECTION & CONTROL EQUIPMENT:

10" rotating head, 10" 900 Series (3000 psig) BOP with blind and pipe rams.

10" 900 Series Annular Preventor. Test manifold & BOP's to 3,000 psig;

annular preventor to 1500 psig after nipple up to surface pipe.

DRILLING PROGRAM

-4-

WELL: Gate Canyon Federal 41-10

DRILLING HAZARDS & SPECIAL INSTRUCTIONS: No known problems.

Reference Wells: Miami 1 State 513, Section 2, T11S, R15E

CASING & TUBING PROGRAM

SIZE	INTERVAL			WT. #/FT.	GRADE	THREAD	MINIMUM SAFETY FACTOR		
	FROM	TO	LENGTH				COLLAPSE	BURST	TENSILE
8-5/8"	0'	200'	200'	24.5#	K-55	ST&C	1370 psi	2950 psi	263,000#
5-1/2"	0'	4800'	4800'	15.5#	K-55	ST&C	4040 psi	4810 psi	222,000#

SURVEY SCHEDULE

DEPTH		DISTANCE BETWEEN SURVEYS	MAXIMUM DEVIATIONS FROM VERTICAL	MAXIMUM CHARGE DEGREES/100'
FROM	TO			
0'	200'	100'	1 Degree	1/2 Degree
200'	TD	500' (or as needed)	6 Degrees	1 Degree

PREPARED BY: DENNIS J. BRABEC
 APPROVED BY: Dennis J. Brabec
 DENNIS J. BRABEC, DRILLING SUPERINTENDENT
 APPROVED BY: Darrell E. Zlonke
 DARRELL E. ZLONKE, DISTRICT MANAGER

RGT

{GATE-DP}

EIGHT POINT PLAN

GATE CANYON FEDERAL 41-10
SECTION 10, T11S, R15E
DUCHESNE COUNTY, UTAH

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1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS & WATER ZONES:

FORMATIONS	DEPTH	REMARKS
Uinta	Surface	
Green River	1,315	
"H" Marker	2,550	
"J" Marker	3,260	
"K" - 3 Sandstone	4,145	Primary Oil Objective
"N" Limestones	4,565	Possible Oil
Wasatch	4,735	
EST.TD 4,800'		

DIVISION OF
OIL, GAS & MINING

All depths are based on estimated KB elevation 4,800. All pressures are based on bottom hole pressures measured on off set wells.

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

HOLE SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	MINIMUM SAFETY FACTOR		
						COLLAPSE	BURST	TENSILE
12 1/4"	0' - 200'	200'	8 5/8"	24.0#	K-55 ST&C	1370 PSI	2950 PSI	263,000#
7 7/8"	0' - 4800	4800'	5 1/2"	15.5#	K-55 ST&C	4040 PSI	4810 PSI	222,000#

All casing to be used will be new or inspected.

5. MUD PROGRAM:

INTERVAL	MUD TYPE	MUD WEIGHT	WATER LOSS	ADDITIVES
0' - 200'	Air Drill			
200' - 1,800'	Water			
1,800' - TD	2% KCL WTR w/Visco	40 Vis	8-10	Poly-acrylamide Anionic Polymer

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

6. EVALUATION PROGRAM:

Logs: DLL/MSFL/GR/SP From base of surface casing to TD.
FDC-CNL/GR/Caliper Base surface casing to TD.

Cores: None Programmed.
DST' : None

Completion: To be submitted at a later date.

EIGHT POINT PLAN

GATE CANYONE FEDERAL 41-10

PAGE NO. 2

7. ABNORMAL CONDITIONS:

None anticipated.

8. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

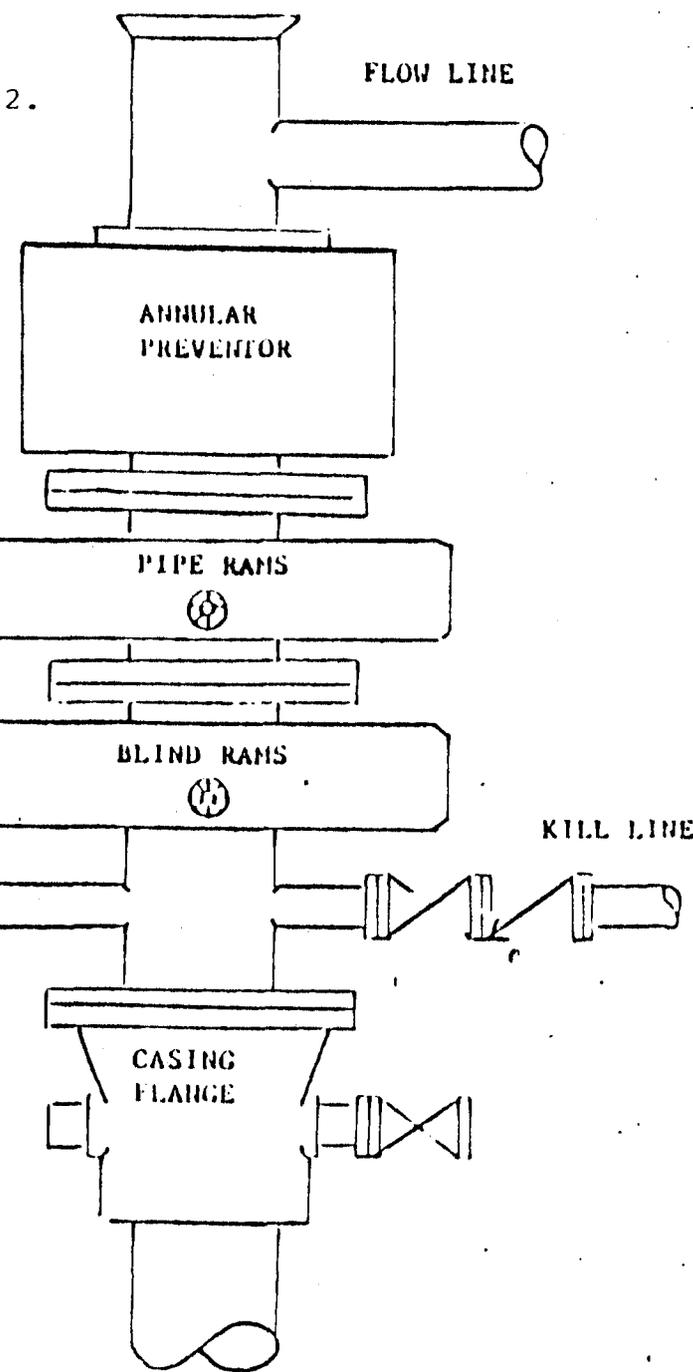
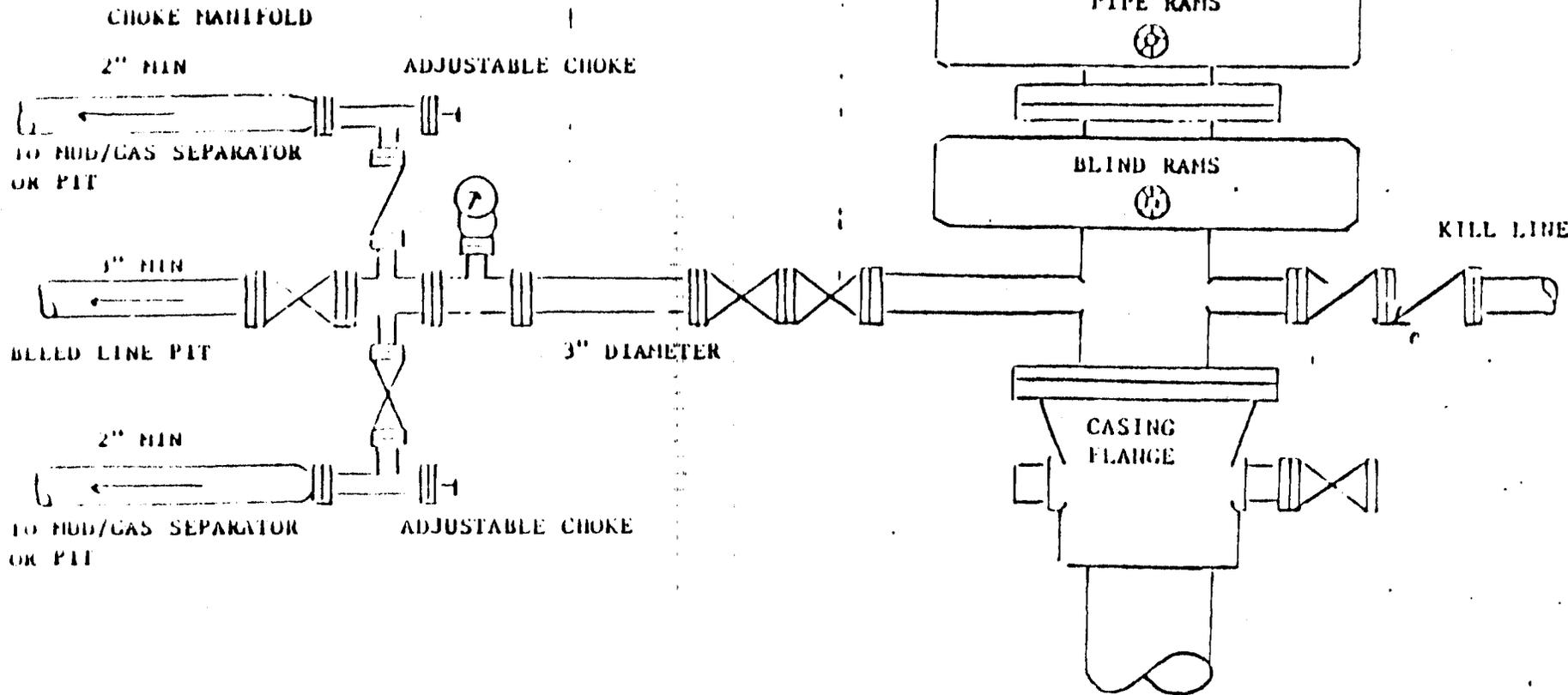
0941MM/

BOP DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 900 SERIES.
CASING FLANGE IS 19" 900 SERIES.
BOP 9" 3000#.

TESTING PROCEDURE:

- BOP will be tested in accordance with Onshore Oil & Gas Order #2.
1. Blind & Pipe rams will be tested to rated working pressure, 1000 psig.
 2. Annular preventor will be tested to 50% of working pressure, 1500 psig. Will test every 30 days.
 3. Casing will be tested to 0.22 psi/ft or 1500 psig. Not to exceed 70% of burst strength, whichever is greater. In this case 1716 psig.
 4. They will be tested every 14 days.
 5. There are two hydraulic controls, one on the rig floor and the other ground remote.
 6. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
 7. Hydraulic accumulator system should be 80 gals.

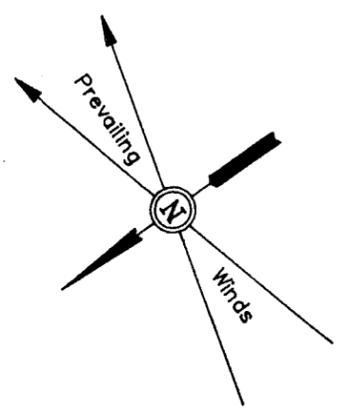
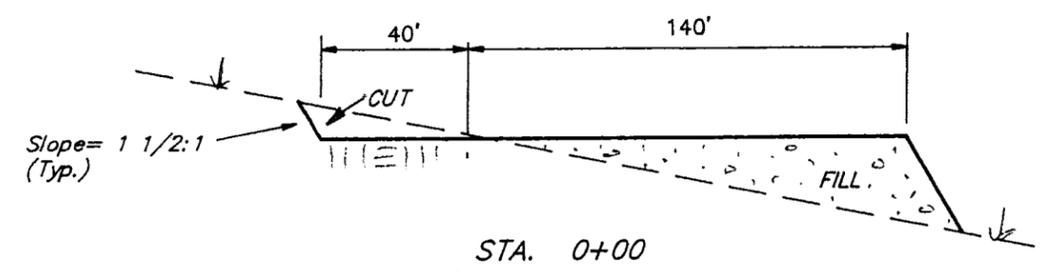
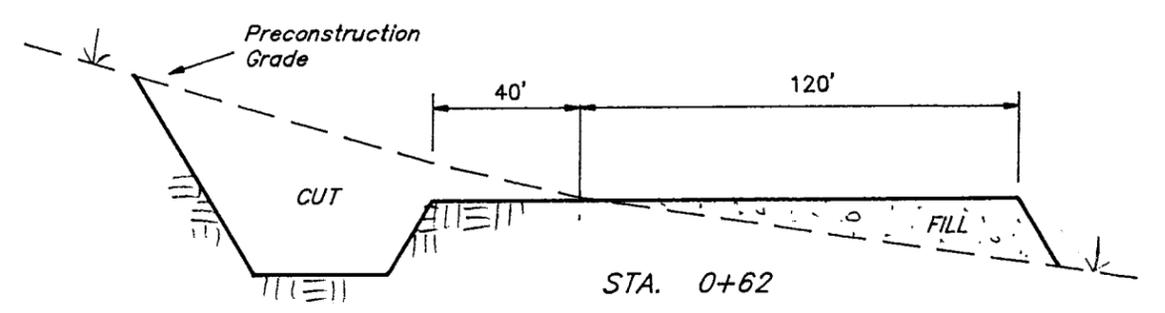
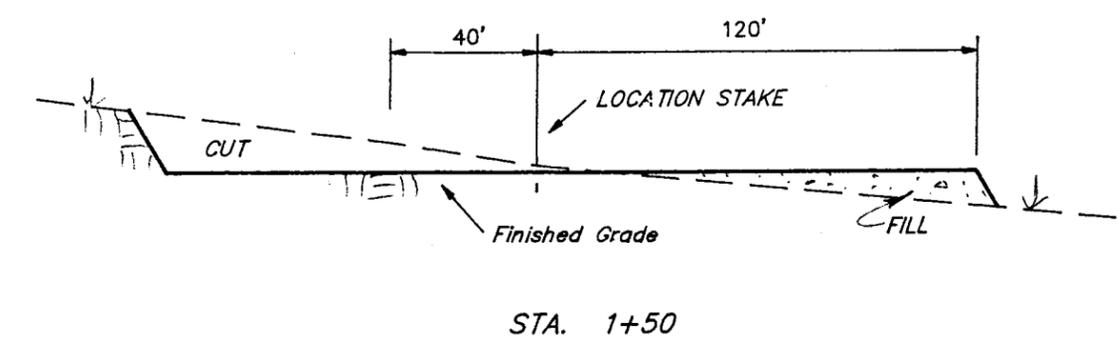
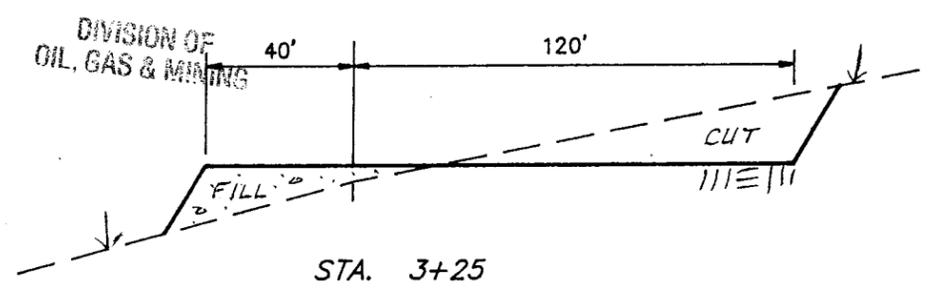


ENRON OIL & GAS CO.

LOCATION LAYOUT FOR

GATE CANYON FED. #41-10
SECTION 10, T11S, R15E, S.L.B.&M.

RECEIVED
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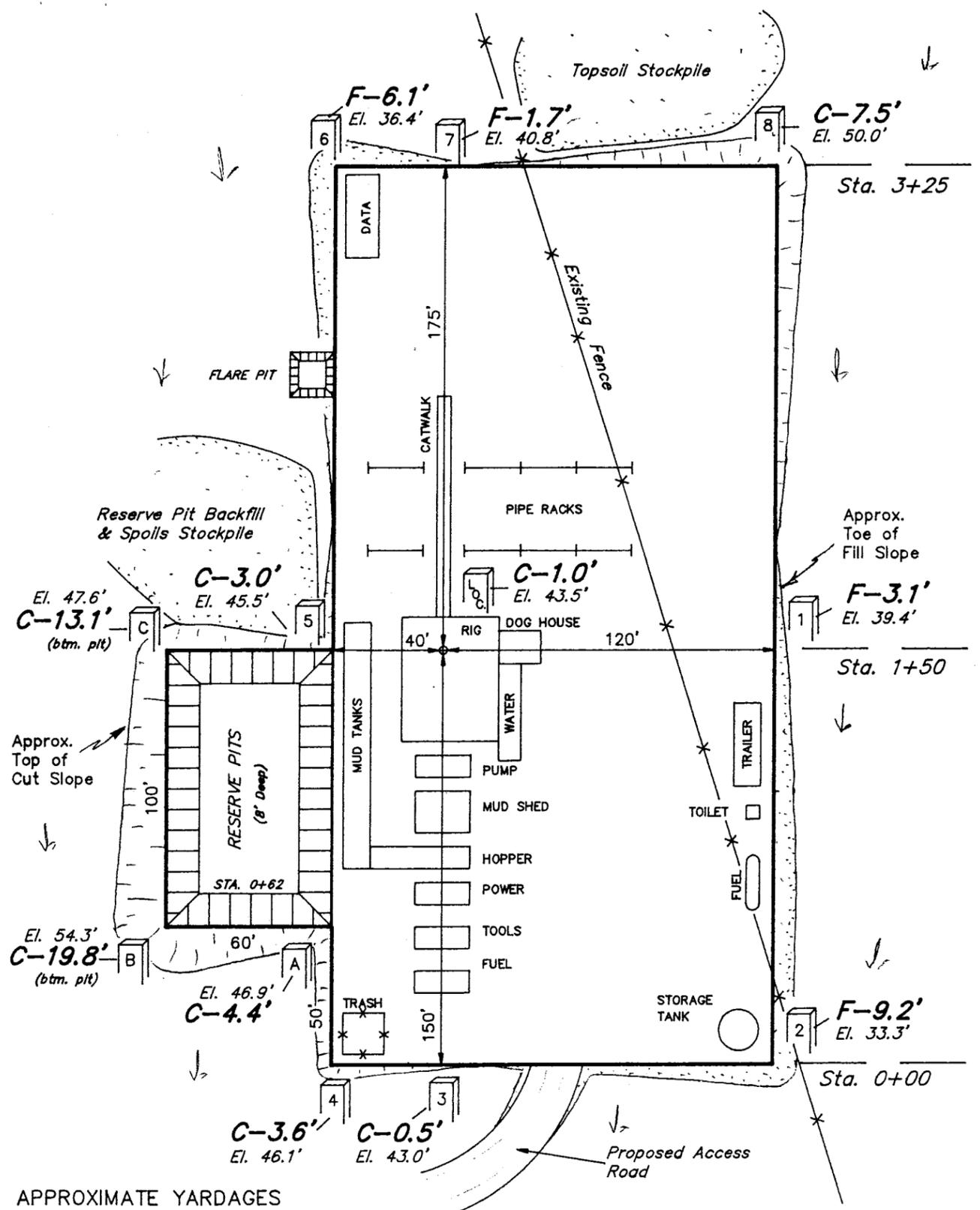
SCALE: 1" = 50'
DATE: 9-20-90
Drawn By: J.R.S.

X-Section Scale
1" = 50'

TYP. LOCATION LAYOUT TYP. CROSS SECTIONS

Elev. Ungraded Ground at Location Stake = 7243.5'
Elev. Graded Ground at Location Stake = 7242.5'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East Vernal, Utah



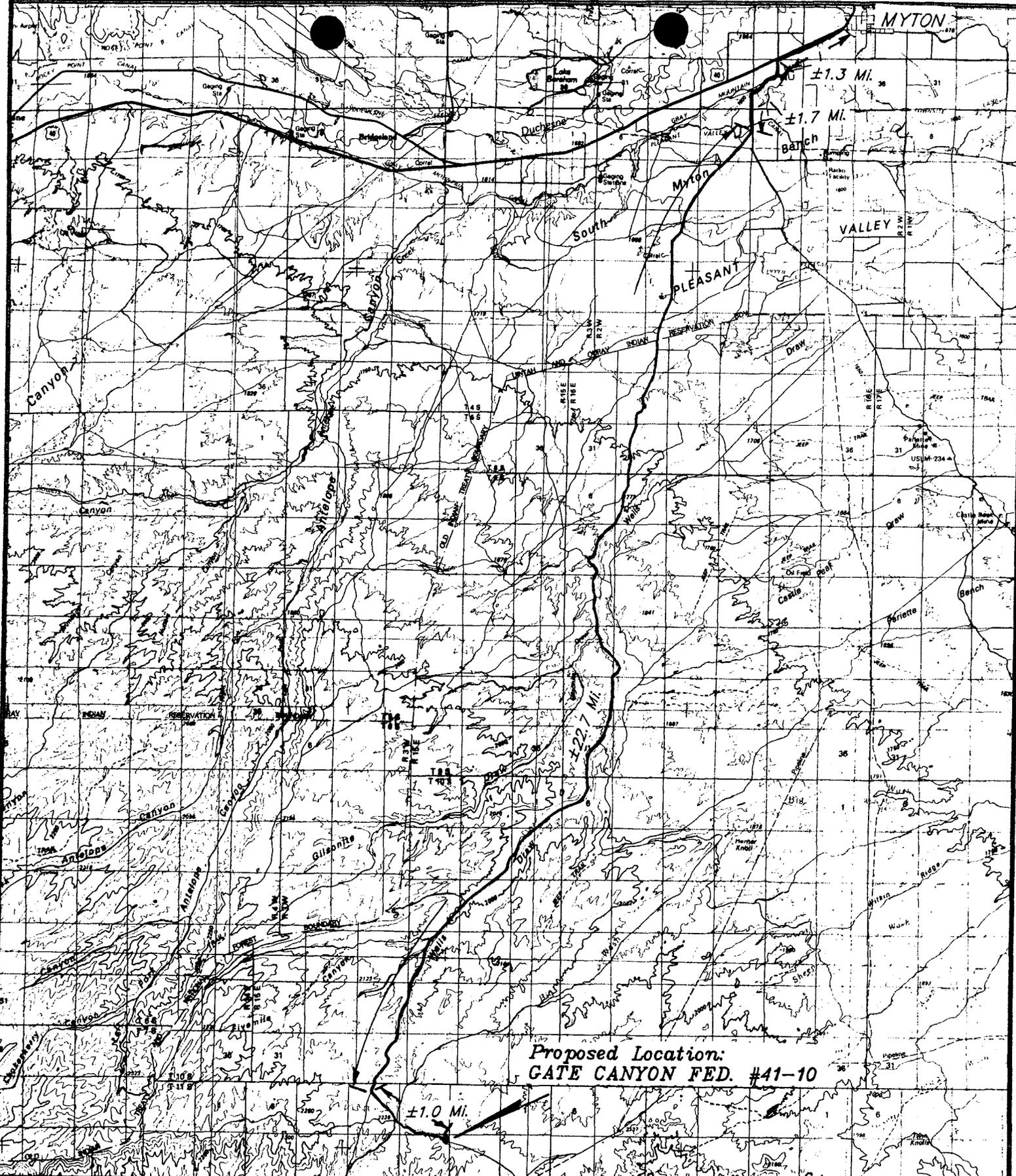
APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 1,100 Cu. Yds.
Pit Volume (Below Grade)	= 1,260 Cu. Yds.
Remaining Location	= 3,200 Cu. Yds.
TOTAL CUT	= 5,560 CU.YDS.
FILL	= 3,630 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,740 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,730 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 10 Cu. Yds.

Approx. Top of Cut Slope

Approx. Toe of Fill Slope



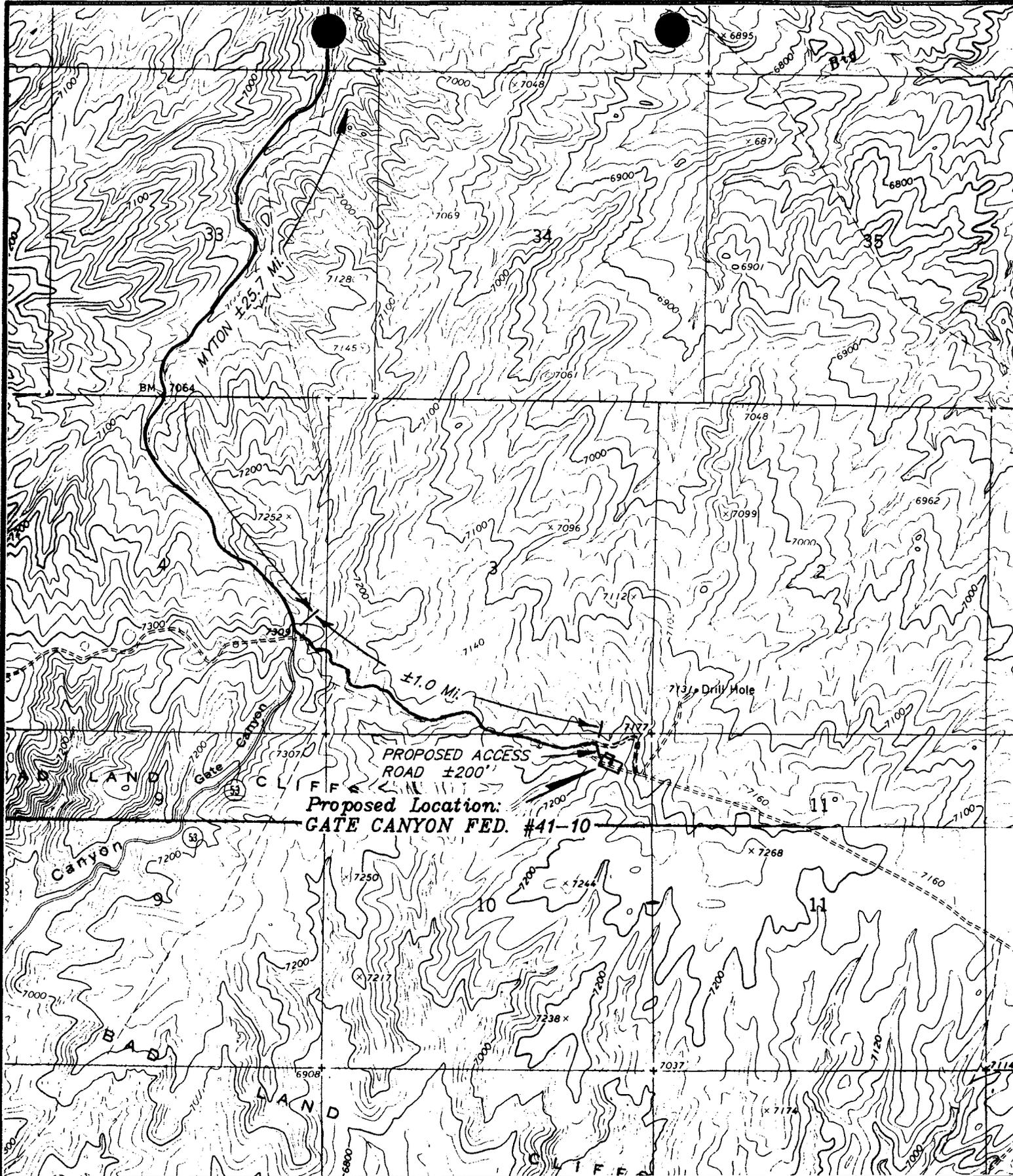
TOPOGRAPHIC
 MAP "A"

DATE: 9-20-90 J.R.S.



ENRON OIL & GAS CO.

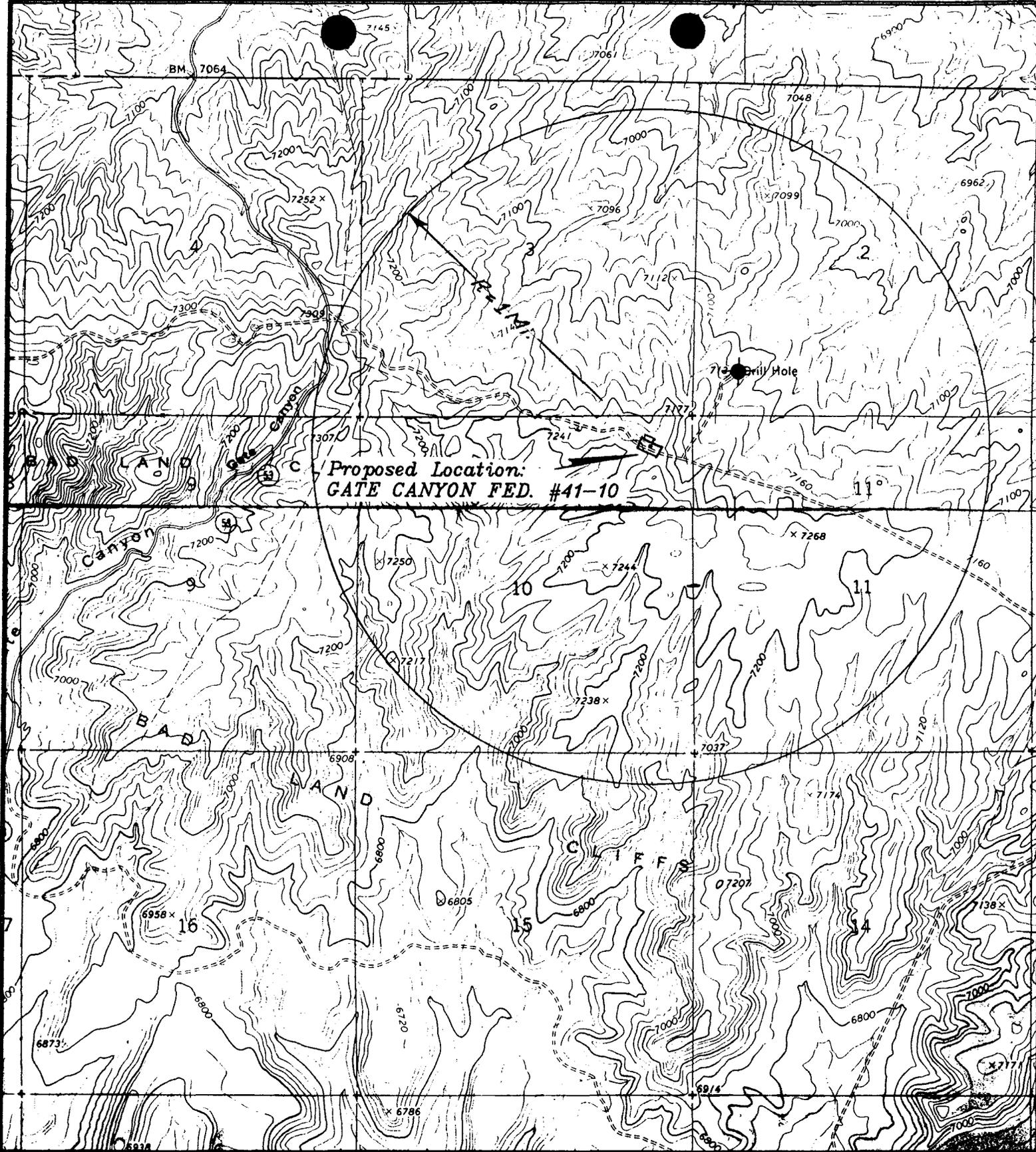
GATE CANYON FED. #41-10
 SECTION 10, T11S, R15E, S.L.B.&M.



TOPOGRAPHIC
 MAP "B"
 SCALE: 1" = 2000'
 DATE: 9-20-90 J.R.S.



ENRON OIL & GAS CO.
 GATE CANYON FED. #41-10
 SECTION 10, T11S, R15E, S.L.B.&M.



Proposed Location:
GATE CANYON FED. #41-10

LEGEND:

- ⊕ = Water Wells
- ⦿ = Abandoned Wells
- = Temporarily Abandoned Wells
- ⊖ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- = Shut-in Wells

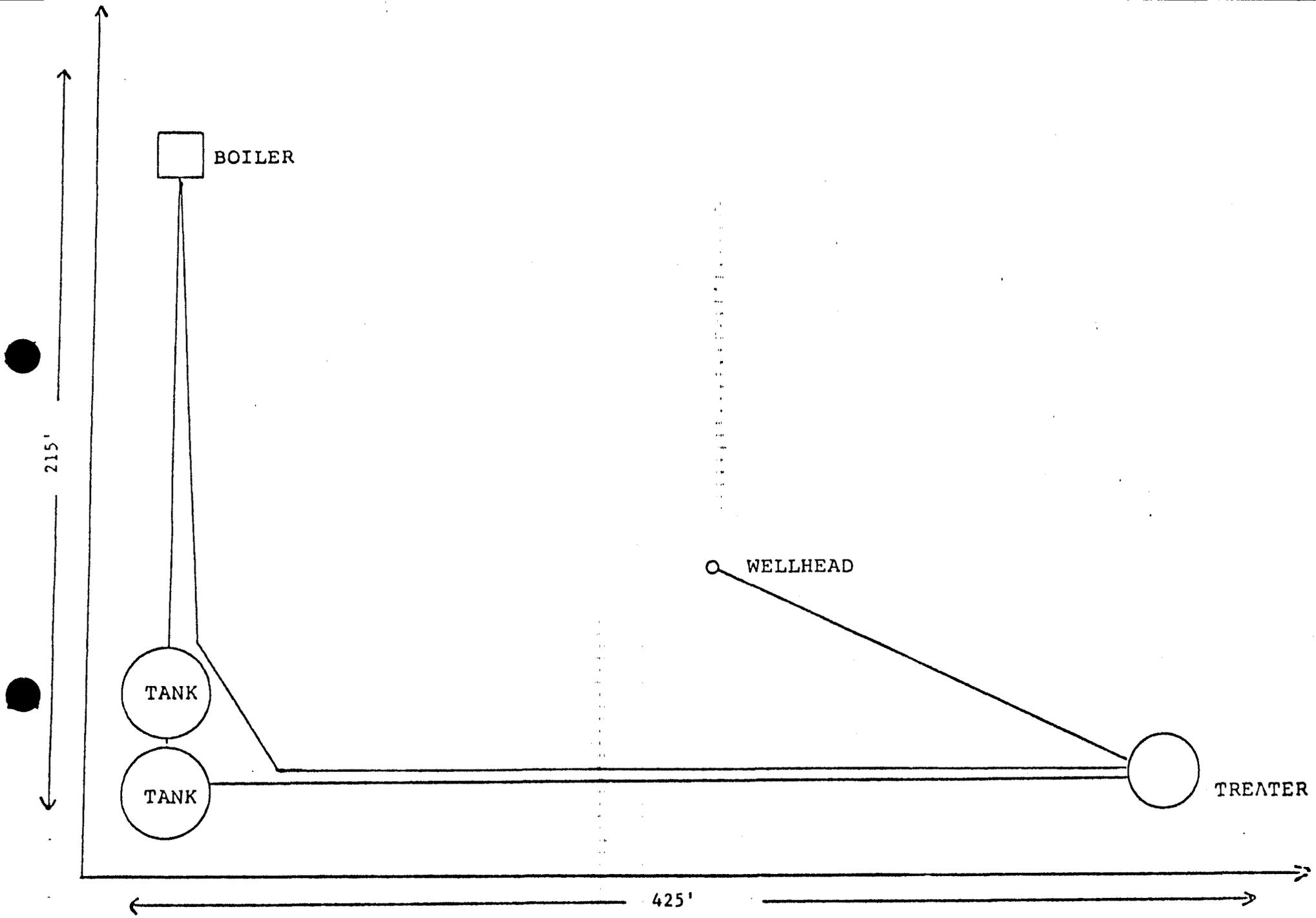


ENRON OIL & GAS CO.

GATE CANYON FED. #41-10
SECTION 10, T11S, R15E, S.L.B.&M.

T O P O M A P " C "

DATE: 9-20-90 J.R.S.



GATE CANYON FEDERAL 41-10

PRODUCTION FACILITIES SCHEMATIC



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P.O. Box 853 Bountiful, Utah 84010
Tel: (801) 292-7061, 292-9668

September 24, 1990

Subject: CULTURAL RESOURCE EVALUATION OF THE PROPOSED
GATE CANYON FEDERAL NO. 41-10 WELL LOCATION
IN THE BAD LAND CLIFFS LOCALITY OF DUCHESNE
COUNTY, UTAH

Project: Enron Oil & Gas Company - 1990 Drilling
Program

Project No.: EOGC-90-5

Permit No.: Dept. of Interior -- Ut-88-54937
Utah State Project No. 90-AF- 462 b

To: Mr. George McBride, Enron Oil & Gas Company, P.O. Box
1815, Vernal, Utah 84078

Mr. David Little, District Manager, Bureau of Land
Management, 170 South 500 East, Vernal, Utah 84078

Info: Antiquities Section, Division of State History,
300 Rio Grande, Salt Lake City, Utah 84101

SEP 27 1990

ENRON OIL & GAS
VERNAL, UTAH 84078

Summary Report of
 Cultural Resources

G A T E C A N Y O N F E D . N O . 4 1 - 1 0

1. Report Title 11 Enron Oil & Gas Company

2. Development Company 09 24 1990 88-UT-54937

3. Report Date 41 42 43 46 4. Antiquities Permit No.

5. Responsible Institution A E R C E O G C - 9 0 - 5 Duchesne County

6. Fieldwork 47 61

7. Resource Area

Location: TWN	1 1 S	RNG	1 5 E	Section	1 0
	62	65	66 69		70 71 72 73 74 75 76 77
.D.M.	TWN	RNG	Section		
110 111	78	81	82 85		86 87 88 89 90 91 92 93
	TWN	RNG	Section		
	94	97	98 101		102 104 106 108

8. Description of Examination Procedures:
 The archeologist, Richard Beaty, intensively examined the proposed drilling location by walking a series of 10 to 15 meter wide transects within the staked well location. No access route will be constructed into the location. This evaluation was conducted during an on-site inspection.

9. Linear Miles Surveyed and/or Definable Acres Surveyed and/or Legally Undefinable Acres Surveyed 112 117 118 123 4 124 129

10. Inventory Type I
 R = Reconnaissance
 I = Intensive
 S = Statistical Sample

11. Description of Findings:
 No cultural resource sites were identified during the survey of the well location.

12. Number Sites Found 0
 No sites = 0) 131 135

13. Collection: N
 (Y = Yes, N = No) 136

14. Actual/Potential National Register Properties Affected:
 The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 9-24-90
 BLM Vernal District Office 9-21-90

16. Conclusion/ Recommendations:
 AERC recommends that a cultural resource clearance be granted to Enron Oil & Gas Company for this proposed project based upon adherence to the following stipulations: (see reverse)

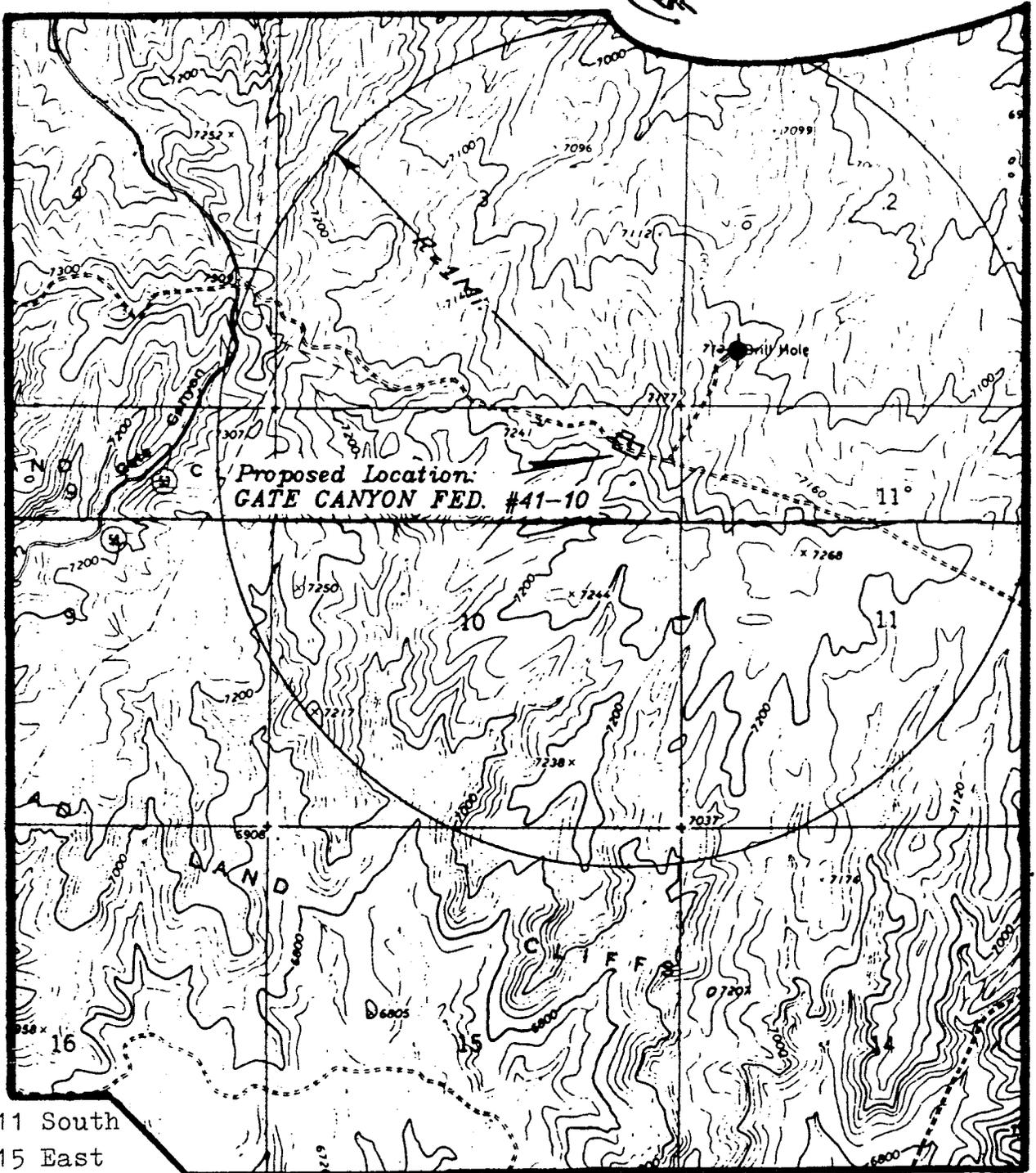
17. Signature of Administrator & Field Supervisor
 Administrator *[Signature]*
 Field Supervisor *[Signature]*

16. continued:

1. All vehicular traffic, personnel movement, and construction should be confined to the locations examined as referenced in this report, and to the existing roadways and/or evaluated access routes.

2. All personnel should refrain from collecting artifacts and from disturbing any cultural resources in the area.

3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the construction area.



Proposed Location:
GATE CANYON FED. #41-10

Drill Hole

T. 11 South
R. 15 East

Meridian: Salt Lake B. & M.

Quad:

Project: EOGC-90-5
Series: Uinta Basin
Date: 9-24-90
Cultural Resource Survey
of the Proposed Enron
Unit 41-10 in the Bad
Land Cliffs Locality

Gilsonite Draw,
Cowboy Bench,
7.5 minute-USGS

Legend:

Well Location



2.64" = 1 mile
Scale

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

SUBMIT IN TRIPlicate
(Other Instructions on
reverse side)

Budget Bureau No. 1004-0138
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

Use this form for proposals to drill or to deepen or plug back to a direct reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.

1. <input type="checkbox"/> WELL <input type="checkbox"/> CAP WELL <input checked="" type="checkbox"/> OTHER		2. LEASE DESIGNATION AND SERIAL NO. U-60958	
3. NAME OF OPERATOR Enron Oil & Gas Co.		6. IF LEASE ALLOTTED OR TRUST FUND	
4. ADDRESS OF OPERATOR P.O. Box 1815, Vernal, Utah 84078		7. UNIT AGREEMENT NAME	
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 475' FNL & 638' FEL NE/NE		8. NAME OF LEASE NAME Gate Canyon Federal	
9. PERMIT NO.		9. WELL NO. 41-10	
10. ELEVATIONS (Show whether DT, ST, GR, etc.) 7,177 GR		10. FIELD AND POOL, OR WILDCAT Gate Canyon	
11. COUNTY OR PARISH		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T11S, R15E	
12. STATE Utah		13. STATE Utah	

RECEIVED
OCT 05 1990
DIVISION OF OIL & GAS ENGINEERING

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 COMPLETION <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) _____	(Other) _____

(Other) Est. Bottom Hole Pressure (NOTE: Report results of multiple completion or 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 and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Enron Oil & Gas Co. anticipates the Bottom Hole Pressure on this well will be 2060 PSI.

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

SIGNED Linda L. Webb TITLE Sr. Admin. Clerk DATE 10-1-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ENRON
Oil & Gas Company

P.O. Box 1815 Vernal, UT 84078 (801) 789-0790

September 28, 1990

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

Attn: Margie Herrmann

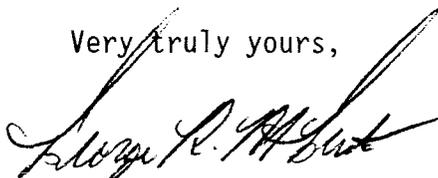
RE: GATE CANYON FEDERAL 41-10
SECTION 10, T11S, R15E
DUCHESNE COUNTY, UTAH
LEASE NO. U-60958

Dear Margie:

I state that Enron Oil & Gas Co. will be the operator of subject well. We will be using Nation Wide Bond #745632 and we will be responsible and agree to the terms and conditions of such bond.

If you require further information, please call this office.

Very truly yours,



George R. McBride
Production Foreman

GRM/lw
0944MM/

cc: File

ENRON
Oil & Gas Company

P.O. Box 1815 Vernal, UT 84078 (801) 789-0790

September 28, 1990

RECEIVED
OCT 05 1990
DIVISION OF
OIL, GAS & MINING

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

Attn: Mr. Ed Forsman

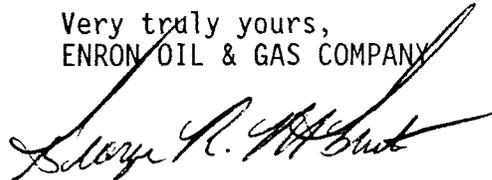
RE: GATE CANYON FEDERAL 41-10
SECTION 10, T11S, R15E
DUCHESNE COUNTY, UTAH
LEASE NO. U-60958

Dear Mr. Forsman:

Attached is the Application For Permit To Drill, Survey Plats and Surface Use and Operating plans for the referenced well.

If further information is required regarding this matter, please contact this office.

Very truly yours,
ENRON OIL & GAS COMPANY



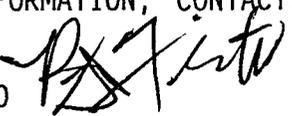
George R. McBride
Production Foreman

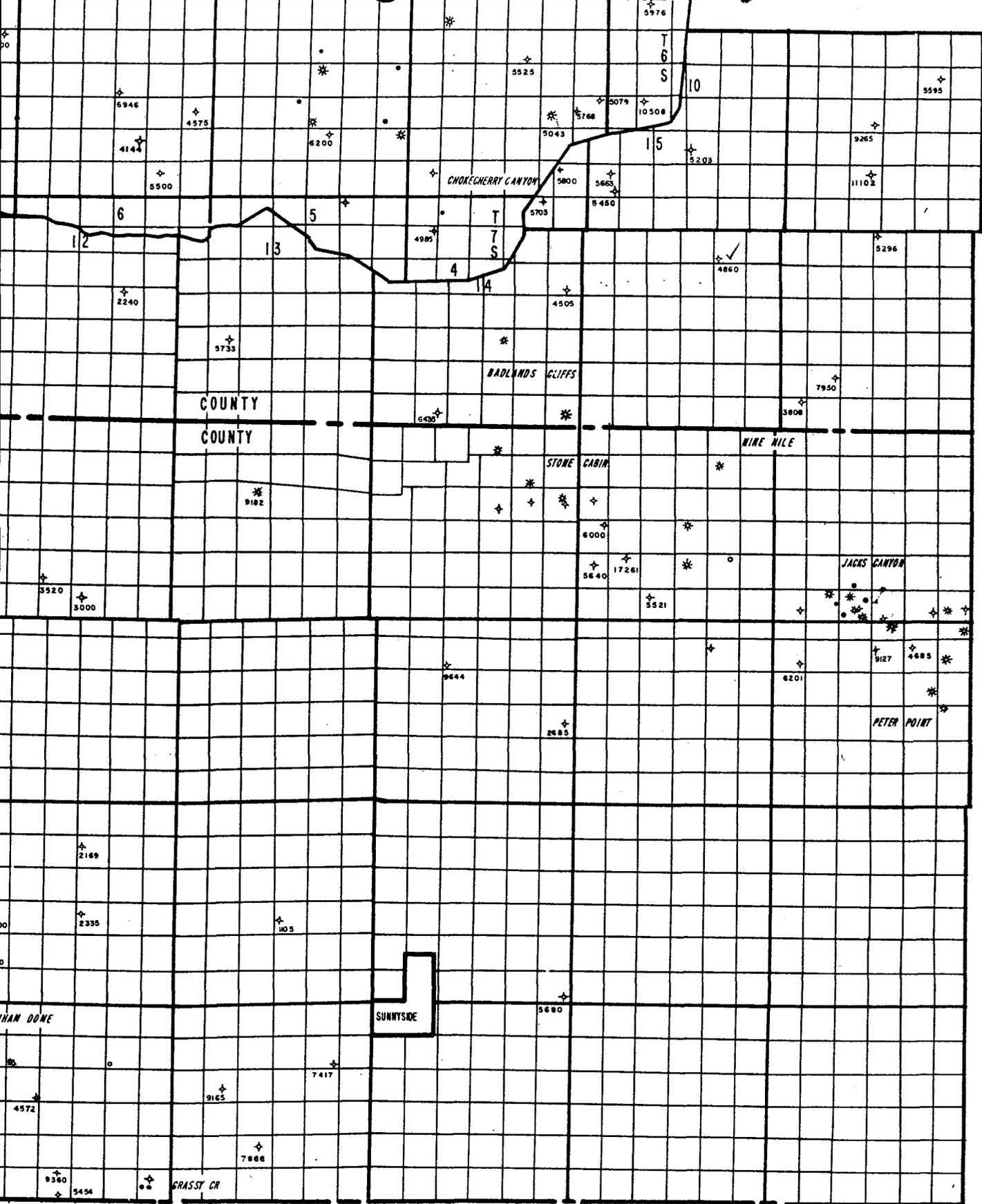
GRM/lw
0943mm/

Attachments
cc:  Division of Oil, Gas & Mining
D. Weaver
R. Dean
D. Zlomke
R. Mellott
File

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, Utah 84180-1203
2. STATE APPLICATION IDENTIFIER NUMBER:
(assigned by State Clearinghouse)
3. APPROXIMATE DATE PROJECT WILL START:
October 1, 1990
4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:
(to be sent out by agency in block 1)
Uintah Basin Association of Governments
5. TYPE OF ACTION: Lease Permit License Land Acquisition
 Land Sale Land Exchange Other _____
6. TITLE OF PROPOSED ACTION:
Application for Permit to Drill
7. DESCRIPTION:
Enron Oil and Gas Co. proposes to drill a wildcat well, the Gate Canyon Federal #41-10 on federal lease U-60958 in Duchesne 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 action and must issue approval before operations commence.
8. LAND AFFECTED (site location map required) (indicate county)
NE/4, NE/4, Section 10, Township 11 South, Range 15 East, Duchesne County, Utah
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?
Unknown
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:
No significant impacts are likely to occur.
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
12. FOR FURTHER INFORMATION, CONTACT:
R.J. Firth
PHONE: 538-5340
13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL

DATE: 10-10-90 Petroleum Engineer



OPERATOR Enron Oil & Gas Co DATE 10-10-90
WELL NAME Gate Canyon Federal 41-10
SEC NENE 10 T 11S R 15E COUNTY Duchess

43-013-31090
API NUMBER

Federal (1)
TYPE OF LEASE

CHECK OFF:

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> PLAT. | <input checked="" type="checkbox"/> BOND | <input checked="" type="checkbox"/> NEAREST WELL |
| <input checked="" type="checkbox"/> LEASE | <input checked="" type="checkbox"/> FIELD SLBM | <input checked="" type="checkbox"/> POTASH OR OIL SHALE |

PROCESSING COMMENTS:

No other well within 11S, 15E, 10
water permit 47-1793 (T164930)
 ADCC 10-10-90

APPROVAL LETTER:

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

STIPULATIONS:

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
 Enron Oil & Gas Co.

3. ADDRESS OF OPERATOR
 P.O. Box 1815, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)
 At surface
 475' FNL & 638' FEL NE/NE
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 23 1/2 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 475'

16. NO. OF ACRES IN LEASE
 1,240

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

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

19. PROPOSED DEPTH
 4,800'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7,177' GR

22. APPROX. DATE WORK WILL START*
 October 1, 1990

RECEIVED
OCT 25 1990
DIVISION OF OIL, GAS & MINING
43-013-31290 DRU

5. LEASE DESIGNATION AND SERIAL NO.
 U-60958

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Gate Canyon Federal

9. WELL NO.
 41-10

10. FIELD AND POOL, OR WILDCAT
 Gate Canyon

11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA
 Sec. 10, T11S, R15E

12. COUNTY OR PARISH
 Duchesne

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0	200'	150 sx Class G/1/2 sx Flocele
7 7/8"	5 1/2"	15.5	4,800'	Sufficient to protect zones

- SEE ATTACHMENTS FOR:
 Application for Access Road Right-of-Way
 Surface Use & Operating Plan
 8 Point Plan
 Drilling Program
 BOP Design
 Location Plan
 Location Layout
 TOPO Maps "A", "B" & "C Area Map"
 Production Faciliteies Schematic
 Archeological Evaluation
 Estimated Bottom Hole Pressure
 Nation Wide Bond Number



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

24. SIGNED Linda L. Wall TITLE Sr. Admin. Clerk DATE 10-2-90

(This space for Federal or State office use)

PERMIT NO. _____ APPROVED BY [Signature] TITLE ASSISTANT-DISTRICT MANAGER MINERALS DATE OCT 24 1990

CONDITIONS OF APPROVAL, IF ANY:

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

UT080-1M01

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Enron Oil & Gas Company Well No. 41-10
Location NE/NE Sec. 10 T11S R15E Lease No. U-60958

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

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. and individual components shall be operable as designed.

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

3. Casing Program and Auxiliary Equipment

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

Usable water may be encountered from +150-510 ft. in the Uinta Formation and from +956-994 ft., +1711-2421 ft., and +2936-3026 ft. in the Green River Formation. The Mahogany oil shale and L1 oil shale have been identified from +1466-1596 ft. and +1648-1711 ft. respectively. Therefore, the resources will be isolated and/or protected via the cementing program for the production casing by having a cement top for the production casing at least 200 ft. above the oil shale.

The District Office shall be notified, 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

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

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

5. Coring, Logging and Testing Program

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

All Drill Stem tests (DST) shall be accomplished during daylight hours, 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 vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the Authorized Officer.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) for the intermediate and production casing.

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

6. Notifications of Operations

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

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

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

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

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this 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 five (5) days following the date on which the well is placed on production.

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil and Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced 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, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

7. Other Information

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

All site security guidelines identified in Onshore Oil and Gas Order No. 3 regulations will be adhered to.

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

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

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.

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

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

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

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

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

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

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

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

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

FAX Phone Number is: 789-3634

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

Company/Operator Enron Oil & Gas Company

Well Name & Number Gate Canyon Fed. #41-10

Lease Number U-60958

Location NE 1/4 NE 1/4 Sec. 10 T. 11 S R. 15 E

Surface Ownership BLM

1. Surface Stipulations for BLM Surface Lands:

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

The BLM office shall be notified upon site completion prior to moving on the drilling dig.

ENRON

Oil & Gas Company

P.O. Box 1815 Vernal, UT 84078 (801) 789-0790

October 23, 1990

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

RECEIVED
OCT 25 1990

DIVISION OF
OIL, GAS & MINING

Attn: Mr. Ed Forsman

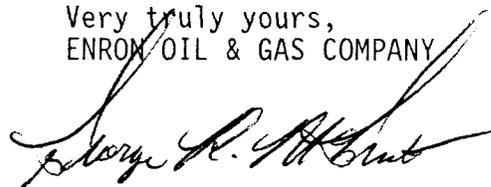
RE: GATE CANYON FEDERAL 41-10
SECTION 10, T11S, R15E
DUCHESNE COUNTY, UTAH
LEASE NO. U-60958

Dear Mr. Forsman:

Attached is a Sundry Notice concerning watershed damage and drilling of the referenced well.

If further information is required regarding this matter, please contact this office.

Very truly yours,
ENRON OIL & GAS COMPANY



George R. McBride
Production Foreman

GRM/lw
0948mm/

Attachments

cc: ~~State Division of Oil, Gas & Mining~~ /
File

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

6 LEASE DESIGNATION AND SERIAL

U-609 58

7 IF LEASE ALLOCATED OR TRIBLE

7. UNIT AGREEMENT NAME

8. NAME OF LEASE NAME

Gate Canyon Federal

9. WELL NO.

41-10

10. FIELD AND POOL, OR WILDCAT

Gate Canyon

11. SEC., T., R., M., OR BLM. APT. SURVEY OR AREA

Sec. 10, T11S, R15E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1. WELL CAP WELL OTHER

2. NAME OF OPERATOR

Enron Oil & Gas Co.

3. ADDRESS OF OPERATOR

P.O. Box 1815, Vernal, Utah 84078

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

475' FNL & 638' FEL NE/NE

14. PERMIT NO.

15. ELEVATIONS (Show whether DT, ST, OR, etc.)

7,177' GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OF ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

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

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

RE: Stipulation, In order to minimize watershed damage during the period from November 1 to April 20, exploration, drilling, and other development activity in the N $\frac{1}{2}$ Sec. 10, T.11S, R.15E, SLM, Utah will be allowed only during dry soil periods, over a snow cover or frozen ground. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation in any year may be specifically approved in writing by the authorized officer of the Bureau of Land Management.

Enron Oil & Gas Co. requests permission to construct location, move rig in and begin drilling operations on this well as soon as approved APD is received and weather conditions permit. After drilling operations are commenced Enron wishes to continue drilling until well is drilled and pipe is run and cemented or well is plugged and abandoned. All heavy traffic will be restricted to early morning and late evening when ground is frozen.

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

SIGNED

Linda L. Wau

TITLE

Sr. Admin. Clerk

DATE

10-23-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STIPULATIONS

No occupancy or other surface disturbance in the N $\frac{1}{2}$ Sec. 10, T. 11 S., R. 15 E., SLM, Utah will be allowed on slopes in excess of 40 percent, without written permission from the authorized officer of the Bureau of Land Management.

No occupancy or other surface disturbance will be allowed within 600 feet of live water located in the E $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 23, T. 11 S., R. 15 E., SLM, Utah. This distance may be modified when specifically approved in writing by the authorized officer of the Bureau of Land Management.

In order to minimize watershed damage during the period from November 1 to April 30, exploration, drilling, and other development activity in the N $\frac{1}{2}$ Sec. 10, T. 11 S., R. 15 E., SLM, Utah will be allowed only during dry soil periods, over a snow cover or frozen ground. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation in any year may be specifically approved in writing by the authorized officer of the Bureau of Land Management.

Charles J. Sabington

NOV 6 1986



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

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

October 29, 1990

Enron Oil & Gas Company
P. O. Box 1815
Vernal, Utah 84078

Gentlemen:

Re: Gate Canyon Fed. 41-10 - NE NE Sec. 10, T. 11S, R. 15E - Duchesne County,
Utah - 475' FNL, 638' FEL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, 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 R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, 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.

Page 2
Enron Oil & Gas Company
Gate Canyon Fed. 41-10
October 29, 1990

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

The API number assigned to this well is 43-013-31290.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
J. L. Thompson
we14/1-14

ENRON
Oil & Gas Company

P.O. Box 1815 Vernal, UT 84078 (801) 789-0790

RECEIVED
NOV 13 1990

November 9, 1990

DIVISION OF
OIL, GAS & MINING

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

Attn: Ed Forsman

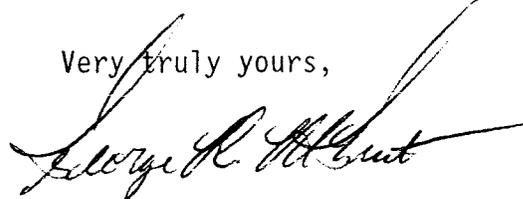
RE: GATE CANYON FEDERAL 41-10
SECTION 10, T11S, R15E
DUCHESNE COUNTY, UTAH
LEASE NO. U-60958

Dear Ed:

Attached is a Sundry Notice on the subject well stating that Enron Oil & Gas Company will not be using a rotating head during drilling of the subject well.

If you require further information, please call this office.

Very truly yours,



George R. McBride
Production Foreman

GRM/lw
0954MM/

cc: Division of Oil, Gas & Mining
Big Piney Office
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

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
Enron Oil & Gas Company

3. ADDRESS OF OPERATOR
P.O. Box 1815 Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface:
475' FNL & 638' FEL NE/NE

14. PERMIT NO.
43-013-31290 *PRU*

15. ELEVATIONS (Show whether DP, RT, GR, etc.)
7,177' GR

5. LEASE DESIGNATION AND SERIAL NO.
U-60958
6. IF INDIAN ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Gate Canyon Federa
9. WELL NO.
41-10
10. FIELD AND POOL, OR WILDCAT
Gate Canyon
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T11S, R15
12. COUNTY OR PARISH
Duchesne
13. STATE
Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANT <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) Delete use of rotating head. <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Enron Oil & Gas Company will not be using a rotating head during drilling of this well. It is an oil well and will not be necessary.

RECEIVED
NOV 13 1990

Oil & Gas & Mining

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

SIGNED Linda L. Wall TITLE Sr. Admin. Clerk DATE 11/9/90

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

DIVISION OF OIL, GAS AND MINING

API NO. 43-013-31290

DRL

SPUDDING INFORMATION

NAME OF COMPANY: ENRON OIL & GAS CO.

WELL NAME: GATE CANYON 41-10

SECTION NENE 10 TOWNSHIP 11S RANGE 15E COUNTY DUCHESNE

DRILLING CONTRACTOR OLSEN

RIG # 5

SPUDDED: DATE 11-29-90

TIME 8:30 p.m.

How ROTARY

DRILLING WILL COMMENCE _____

REPORTED BY MIKE ROBERTS

TELEPHONE # 789-0790

DATE 11-30-90 SIGNED TAS

ENRON
Oil & Gas Company

P.O. Box 1815 Vernal, UT 84078 (801) 789-0790

November 29, 1990

RECEIVED
NOV 30 1990

DIVISION OF
OIL, GAS & MINING

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

Attn: Mr. Ed Forsman

RE: GATE CANYON FEDERAL 41-10
SECTION 10, T11S, R15E
DUCHESNE COUNTY, UTAH
LEASE NO. U-60958

Dear Mr. Forsman:

Attached is a Sundry Notice concerning temporary quarters on the referenced well.

If further information is required regarding this matter, please contact this office.

Very truly yours,
ENRON OIL & GAS COMPANY



Jay Orr
Senior Pumper

JO/lw
0961mm/

Attachments
cc: State Division of Oil, Gas & Mining
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

Form approved

*Other instructions on

Budget Bureau No. 1004-0131

reverse side

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.)

5. LEASE DESIGNATION AND SERIAL NO.

U-60958

6. IF INDIAN ALLOTTEE OF TRIBE NAME:

7. OIL GAS
WELL WELL OTHER

7. UNIT AGREEMENT NAME:

8. NAME OF OPERATOR
ENRON OIL & GAS COMPANY

8. FARM OR LEASE NAME
GATE CANYON FEDERAL

9. ADDRESS OF OPERATOR
P.O. BOX 1815, VERNAL, UTAH 84078

9. WELL NO.
41-10

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

A: surface
475' FNL & 638' FEL NE/NE

10. FIELD AND POOL OF WILDCAT
GATE CANYON

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

SEC. 10, T11S, R15E

14. PERMIT NO.
43-DAT-31290

15. ELEVATIONS (show whether DF, RY, GR, etc.)
7,177 GR

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UTAH

16. **13** Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF PULL OR ALTER CASING
FRACTURE TREAT MULTIPLE COMPLETE
SHOOT OR ACIDIZE ABANDON*
REPAIR WELL CHANGE PLANS

(Other) **TEMP. QUARTERS**

SUBSEQUENT REPORT OF:

WATER SHUT-OFF REPAIRING WELL
FRACTURE TREATMENT ALTERING CASING
SHOOTING OR ACIDIZING ABANDONMENT*
(OTHER)

(NOTE: Report results of multiple completion on Well Completion of 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.)*

Two temporary quarters (20' self contained trailers) will be necessary on site due to remote location & possibility of inclement weather. These quarters are not for rig personnel, but instead are for supervisory engineer and geologist.

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

SIGNED *Linda L. Wall*

TITLE *Sr. Admin. Clerk*

DATE

11/29/90

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

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

SUBMIT IN TRIPlicate
 (Other instruction 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.)

5. LEASE DESIGNATION AND SERIAL NO.
U-60958

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
ENRON OIL & GAS COMPANY

8. FARM OR LEASE NAME
GATE CANYON FEDERAL

3. ADDRESS OF OPERATOR
P.O. BOX 1815, VERNAL, UTAH 84078

9. WELL NO.
41-10

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
 See also space 17 below.)
 At surface
475' FNL & 638' FEL NE/NE

10. FIELD AND POOL OR WILDCAT
GATE CANYON

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 10, T11S, R15E

14. PERMIT NO.
43-013-31290

15. ELEVATIONS (show whether DF, RY, GR, etc.)
7,177 GR

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UTAH

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF PULL OR ALTER CASING
 FRACTURE TREAT MULTIPLE COMPLETE
 SHOOT OR ACIDIZE ABANDON*
 REPAIR WELL CHANGE PLANS
 (Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF REPAIRING WELL
 FRACTURE TREATMENT ALTERING CASING
 SHOOTING OR ACIDIZING ABANDONMENT*
 (OTHER) **SPUDDING**
 (NOTE: Report results of multiple completion on Well Completion of 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.)*

Well was spudded on 11-29-90 @ 8:30 PM. 12' hole was drilled to 73'. 8 5/8" casing was set at 218' and cemented to surface with 150 sx Halliburton Premium w/2% CaCl2 & 1/4 #/sx Flocele.
Oral notice was called to Sallie Gardner with BLM and Tammy Searing with State Division of Oil Gas & Mining on 11/30/90.

RECEIVED
 DEC 06 1990

DIVISION OF
 OIL, GAS & MINING.

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

SIGNED Linda L. Wall

TITLE **Sr. Admin. Clerk**

DATE

12/04/90

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

OPERATOR Enron Oil & Gas Co.

OPERATOR ACCT. NO. N0401

ADDRESS 211 South 1000 East, P.O. Box 1815

Vernal, Utah 84078

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	11140	43-013-31290	Gate Canyon Fed. 41-10	NE/NE	10	11S	15E	Duchesne	11/29/90	11/29/90
WELL 1 COMMENTS: Federal-Lease Proposed Zone-WSTC Field-Wildcat (New entity 11140 added 12-10-90) JCR Unit-N/A											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

RECEIVED

DEC 06 1990

DIVISION OF
OIL, GAS & MINING

Linda L. Wall
Signature

Sr. Admin. Clerk 12/04/90
Title Date

Phone No. (801) 789-0790

- 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.

ENRON
Oil & Gas Company

P.O. Box 1815 Vernal, UT 84078 (801) 789-0790

RECEIVED

December 4, 1990

DEC 06 1990

DIVISION OF
OIL, GAS & MINING

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

RE: Gate Canyon Federal 41-10
Sec. 10, T11S, R15E
Duchesne County, Utah
Lease No. U-60958

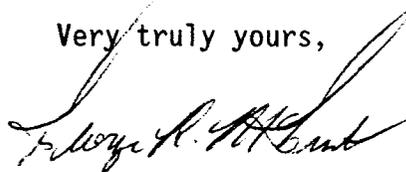
Attn: Sallie Gardner

Dear Sallie:

Attached please find a subsequent report of spudding Sundry Notice on the referenced well.

If you require further information, please contact me at the Vernal Office.

Very truly yours,



George McBride
Production Foreman

GRM/lw
0963mm

cc: ~~State Division of Oil Gas & Mining~~
Big Piney Office
File

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
 (Other instruction 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
ENRON OIL & GAS COMPANY

3. ADDRESS OF OPERATOR
P.O. BOX 1815, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
 See also space 17 below.)
 At surface
475' FNL & 638' FEL NE/NE

RECEIVED
 DEC 07 1990

DIVISION OF
 OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
U-60958

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
GATE CANYON FEDERAL

9. WELL NO.
41-10

10. FIELD AND POOL OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 10, T11S, R15E

14. PERMIT NO.
43-013-31290

DRILL

15. ELEVATIONS (show whether DF, RY, GR, etc.)
7,177 GR

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UTAH

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
 FRACTURE TREAT
 SHOOT OR ACIDIZE
 REPAIR WEL Workover
 (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 of 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.)*

Due to leaking surface casing string on which subsequent squeeze cementing did not alleviate, operator will amend production casing cementing program to bring cement to surface if production casing is run. In the event the well is abandoned, cement plugs will include a plug 100' inside & 100' outside (200' total) the shoe of the surface casing in addition to other required plugs as logs may determine.

This amendment is in concurrence with procedures discussed with & approved by Ed Forsman, BLM, Vernal, Utah on 4 Dec. 1990.

Post-It "routing request pad 7664 BRAND

ROUTING - REQUEST

Please

- READ
- HANDLE
- APPROVE
- and
- FORWARD
- RETURN
- KEEP OR DISCARD
- REVIEW WITH ME

To ENRON

Please fill out the backside information on this well. & Return to Division of Oil, Gas & Mining

Debra Eatchel

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

DATE: 12-17-90

BY: JPM

18. I hereby
 SIGNE
 (This space is for)

APPROVE
 CONDIT

Date 8-9-91

Professional Engineer

DATE

12/05/90

DATE

*See Instructions on Reverse Side

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

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

SUBMIT IN TRIPlicate

(Other instruction 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.)

5. LEASE DESIGNATION AND SERIAL NO.
U-60958

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL GAS WELL OTHER

RECEIVED
DEC 07 1990

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
ENRON OIL & GAS COMPANY

8. FARM OR LEASE NAME
GATE CANYON FEDERAL

3. ADDRESS OF OPERATOR
P.O. BOX 1815, VERNAL, UTAH 84078

9. WELL NO.
41-10

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
475' FNL & 638' FEL NE/NE

DIVISION OF
OIL, GAS & MINING

10. FIELD AND POOL OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 10, T11S, R15E

14. PERMIT NO.
43-013-21290 *DRL*

15. ELEVATIONS (show whether DF, RY, GR, etc.)
7,177 GR

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UTAH

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

NOTICE OF INTENTION TO:

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 WEL Workover	<input type="checkbox"/>	CHANGE PLANS	<input checked="" type="checkbox"/>
(Other)			

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)			

(NOTE: Report results of multiple completion on Well Completion of 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.)*

Due to leaking surface casing string on which subsequent squeeze cementing did not alleviate, operator will amend production casing cementing program to bring cement to surface if production casing is run. In the event the well is abandoned, cement plugs will include a plug 100' inside & 100' outside (200' total) the shoe of the surface casing in addition to other required plugs as logs may determine.

This amendment is in concurrence with procedures discussed with & approved by Ed Forsman, BLM, Vernal, Utah on 4 Dec. 1990.

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

DATE: 12-17-90

BY: JAM Matthews

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

SIGNED Mike Roberts, P.E.

TITLE Professional Engineer

DATE

12/05/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instruction
verse 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.)

5. LEASE DESIGNATION AND SERIAL NO.
U-60958

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL GAS WELL OTHER

RECEIVED
DEC 07 1990

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
ENRON OIL & GAS COMPANY

8. FARM OR LEASE NAME
GATE CANYON FEDERAL

3. ADDRESS OF OPERATOR
P.O. BOX 1815, VERNAL, UTAH 84078

9. WELL NO.
41-10

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
475' FNL & 638' FEL NE/NE

DIVISION OF
OIL, GAS & MINING

10. FIELD AND POOL OR WILDCAT

Wildcat

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

SEC. 10, T11S, R15E

14. PERMIT NO.
49-013-31290

15. ELEVATIONS (show whether DF, KY, GR, etc.)
7,177 GR

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UTAH

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF PULL OR ALTER CASING
FRACTURE TREAT MULTIPLE COMPLETE
SHOOT OR ACIDIZE ABANDON*
REPAIR WELL CHANGE PLANS

(Other) **Modify Location**

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(OTHER)

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

SUBSEQUENT REPORT OF:

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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.)*

Operator proposes to flare pit to the NE corner of the reserve pit to (1) eliminate physical interference with the mud logging unit and (2) eliminate one 90 degree bend in the blow down lines in an effort to reduce the chance of line cut-out.

This plan amendment was discussed with and approved in principal by Ed Forsman, BLM, Vernal, Utah on 5 Dec. 1990.

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

DATE: 12-12-90

BY: [Signature]

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

SIGNED Michael D. Roberts, P.E. TITLE Professional Engineer

DATE 12/05/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

ENRON

OIL & GAS COMPANY

P.O. BOX 1815, VERNAL, UTAH 84078 (801)789-0790

June 24, 1991

RECEIVED

JUN 27 1991

DIVISION OF
OIL GAS & MINING

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

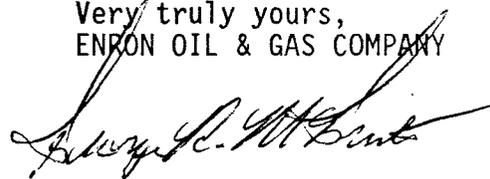
RE: SUBSEQUENT REPORT OF ABANDONMENT
Gate Canyon 41-10
Sec. 10, T11S, R15E
Duchesne County, Utah
Lease No. U-60958

Attn: Ed Forsman

Dear Mr. Forsman:

Attached is a Subsequent Report of Abandonment Sundry Notice on subject well.
If you require further information, please contact this office.

Very truly yours,
ENRON OIL & GAS COMPANY



George R. McBride
Sr. Production Foreman

cc: Division of Oil Gas & Mining
Big Piney Office
File

/lw
Sundry

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

SUBMIT IN TRIPLICATE
(Other instruction 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.)

5. LEASE DESIGNATION AND SERIAL NO.
U-60958
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL GAS
WELL WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
ENRON OIL & GAS COMPANY

RECEIVED

8. FARM OR LEASE NAME
GATE CANYON FEDERAL

3. ADDRESS OF OPERATOR
P.O. BOX 1815, VERNAL, UTAH 84078

JUN 27 1991

9. WELL NO.
41-10

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
475' FNL & 638' FEL NE/NE

**DIVISION OF
OIL GAS & MINING**

10. FIELD AND POOL OR WILDCAT
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 10, T11S, R15E

14. PERMIT NO.
43-013-31290

15. ELEVATIONS (show whether DF, RY, GR, etc.)
7177'

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UTAH

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)

SUBSEQUENT REPORT OF:

<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
<input type="checkbox"/>	ABANDONMENT*	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion of 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.)*

Enron Oil & Gas Company states the subject well was plugged and abandoned 12/13/90 as follows:

Circulated and RU Halliburton. Set first plug @ 4812-4662' (150' w/40 sx Class "G" @ 15.6 ppg). Pulled & LD 33 jts DP. Set second plug @ 3800-3600' (200' w/80 sx Class "G" w/2% CaCl2 @ 15.8 ppg). Pulled 6 stands & PU kelly.

Circulated above plug. WOC. Tagged plug @ 3618'. Approved by BLM.

Hoisted 45 jts DP & LD. RU Halliburton & set third plug @ 2200-1800' (400' w/153 sx Class "G" @ 15.6 ppg). Hoisted & LD DP. Broke kelly. TIH w/5 stands DP.

Set plug #4 from 318-118' (200' w/60 sx Class "G" @ 15.6 ppg).

Hoisted & LD 8 jts DP. Set plug #5 from 50' to surface (17 sx Class "G" @ 15.6 ppg). Plugging operations complete. Rig released @ 9:45 PM, 12/13/90.

Plugging operations were witnessed by Ray Howard w/BLM Vernal. Dry hole marker installed. Location rehab per BLM specifications, with the exception of seeding which will be done at the proper time of year.

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

DATE: 7-1-91
BY: JRM

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

SIGNED Linda J. Wall

TITLE Sr. Admin. Clerk

DATE

6/24/91

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

INSPECTOR: MH DATE ASSIGNED: 910813 DEADLINE: 910813
 DATE COMPLETE: 910712

OPERATOR : NO401 : ENRON OIL & GAS CO LEASE: U-60958
WELL NAME: GATE CANYON FED. 41-10 API : 43-013-31290
S: 10 T: 11.0 S R: 15.0 E
COUNTY: DUCHESNE FIELD: 001 : WILDCAT

ACTION TYPE: FIELD*CHECK*

ACTION REQUIRED:

PER*LAST*INSPECTION*4/3/91-RESERVE*PIT*STILL*OPEN-DON'T*KNOW*WHEN*WELL*WAS*****
COMPLETED??*COMPANY*MAY*STILL*HAVE*A*YEAR*TO*COMPLETE*RECLAMATION*OF*PIT.*****

ACTION TAKEN:

PER*FIELD*INSPECTION-7/12/91-SITE*RESTORED*AND*RECLAMATION*COMPLETED.*****

PF KEYS: (1) NO UPDT (9) WELL DATA (12) DELETE (16) EXIT

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

5. LEASE DESIGNATION AND SERIAL NO.

U-60958

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Gate Canyon Federal

9. WELL NO.

41-10

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 10, T11S, R15E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Enron Oil & Gas Company

3. ADDRESS OF OPERATOR
P.O. Box 1815, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)
At surface 475' FNL & 638' FEL NE/NE
At top prod. interval reported below
At total depth

RECEIVED
MAY 16 1991
DIVISION OF OIL GAS & MINING

14. PERMIT NO. 43-013-31290 DATE ISSUED 10/10/90

15. DATE SPUDDED 11/29/90 16. DATE T.D. REACHED 12/13/90 17. DATE COMPL. (Ready to prod.) P & A'd 12-13-90 18. ELEVATIONS (DF, RB, RT, GR, ETC.)* 7243' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4812' 21. PLUG, BACK T.D., MD & TVD N/A 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC/CNL, GR, CALIPER, SP DUAL LATERALS 12-19-90 27. WAS WELL CORRED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	218'	12 1/4"	150 sx Premium w/2% CaCl2.	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
None		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

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

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

35. LIST OF ATTACHMENTS N/A

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Linda L. Wall TITLE Sr. Admin. Clerk DATE 7/15/91

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

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

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

56 64 01

5. LEASE DESIGNATION AND SERIAL NO.

U-60958

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Gate Canyon Federal

9. WELL NO.

41-10

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 10, T11S, R15E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Enron Oil & Gas Company

3. ADDRESS OF OPERATOR
P.O. Box 1815, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)
At surface
475' FNL & 638' FEL NE/NE

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-013-31290 DATE ISSUED 10/10/90

DIVISION OF OIL GAS & MINING

15. DATE SPUNDED 11/29/90 16. DATE T.D. REACHED 12/13/90 17. DATE COMPL. (Ready to prod.) P & A'd 12-13-90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7243' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4812' 21. PLUG, BACK T.D., MD & TVD N/A 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC/CNL, GR, CALIPER, SP DUAL CATERLOGS 12-19-90 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	218'	12 1/4"	150 sx Premium w/2% CaCl2.	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) None 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION N/A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) N/A WELL STATUS (Producing or shut-in) P & A

DATE OF TEST N/A HOURS TESTED N/A CHOKER SIZE N/A PROD'N. FOR TEST PERIOD → OIL—BBL. N/A GAS—MCF. N/A WATER—BBL. N/A GAS-OIL RATIO

FLOW. TUBING PRESS. N/A CASING PRESSURE N/A CALCULATED 24-HOUR RATE → OIL—BBL. N/A GAS—MCF. N/A WATER—BBL. N/A OIL GRAVITY-API (CORR.) N/A

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

35. LIST OF ATTACHMENTS N/A

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

SIGNED Linda L. Wall TITLE Sr. Admin. Clerk DATE 7/15/91

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	
				UINTEA GREEN RIVER "H" Marker "J" Marker "K" 3 Sandstone "N" Limestone WASATCH	Surface 1815' 2550' 3260' 4145' 4565'	+5420 +4685 +3975 +3090 +2670 +2500

RECEIVED
 AUG 20 1991

Form 3160-14
(October 1986)
(formerly 9-593)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

INDIVIDUAL WELL RECORD

Sec. 10
T. 11S
R. 15E
SLB Mer.
Ref. No. _____

	10		

Date October 24, 1990

FEDERAL

Lease No. U-60958
Lessee Enron Oil + Gas 100%
Operator Enron Oil Gas
Well Name & No. 41-10
A.P.I. Well No. 43-013-31290
Location 475' FNL & 638' FEL

State Utah
County Uintah
Field Gate Canyon
Unit/CA _____
District Vernal
Subdivision NENE

Date Drilling Approved October 24, 1990
Date Drilling Commenced Nov. 29, 1990
Date Drilling Ceased Nov. 30, 1990
Date Completed For Production _____
Date Abandonment Approved (Final) 10/7/93

Well Elevation 7177 Feet
Total Depth 4812 Feet
Initial Production _____
Gravity A.P.I. _____
Initial Reservoir Pressure _____

GEOLOGIC FORMATIONS

PRODUCTIVE HORIZONS

SURFACE LOWEST TESTED NAME DEPTHS CONTENTS

SURFACE MANAGEMENT AGENCY BLM
MINERAL OWNERSHIP Federal
LEASE EXPIRATION December 1, 1996

WELL STATUS

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1990											SPUD	
1990												ABD
1993										P&A		

First Production Memorandum _____ Lease Extension Memorandum _____ Confirmation _____

Remarks _____