

**ENRON**  
**Oil & Gas Company**

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

July 17, 1990

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

Attn: Margie Herrmann

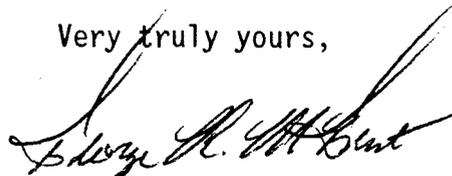
RE: Cottontail Federal 1-18  
Sec. 18, T9S, R21E  
Uintah County, Utah  
Lease No. U-0575

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  
bondltr/

cc: File

**ENRON**  
Oil & Gas Company

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

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DIVISION OF  
OIL, GAS & MINING

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

Attn: Mr. Ed Forsman

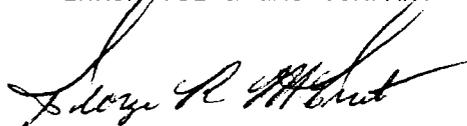
RE: COTTONTAIL FEDERAL 1-18  
SECTION 18, T9S, R21E  
UINTAH COUNTY, UTAH  
LEASE NO. U-0575

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  
0917mm/

Attachments

cc: Bureau of Indian Affairs  
Ute Indian Tribe-Energy & Minerals Resource Department  
**State Division of Oil, Gas & Mining**  
D. Weaver  
R. Dean  
D. Zlomke  
R. Mellott  
File

OIL AND GAS	
DFN	4 RJF
2 JPB	GLH
DIS	SLS
1 TAS	
3 TAS	
5 TAS	
6	MICROFILM
7	FILE

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 requirements):  
 At surface: 2033' FNL & 2122' FEL \ SW/NE  
 At proposed prod. zone:

5. LEASE DESIGNATION AND SERIAL NO.: U-0575  
 6. IF INDIAN ALLOTTEE OR TRIBE NAME: Ute Tribal Surface  
 7. UNIT AGREEMENT NAME: Natural Buttes  
 8. FARM OR LEASE NAME: Cottontail Federal  
 9. WELL NO.: 1-18  
 10. FIELD AND POOL, OR WILDCAT: Natural Buttes 630  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 18, T9S, R21E  
 12. COUNTY OR PARISH: Uintah 13. STATE: Utah  
 16. NO. OF ACRES IN LEASE: 1,600  
 17. NO. OF ACRES ASSIGNED TO THIS WELL: 160  
 19. PROPOSED DEPTH: 5,150' GRRV  
 20. ROTARY OR CABLE TOOLS: Rotary  
 22. APPROX. DATE WORK WILL START: September 1, 1990

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 36 1/2 Miles South of Vernal, Utah  
 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 2,033'  
 18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING COMPLETED OR APPLIED FOR ON THIS LEASE, FT.: None  
 21. ELEVATIONS (Show whether DF, RT, GR, etc.): 4,772'

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.	200'	200 Sxs
7 7/8"	5 1/2"	15.5	3,300'	Sufficient to protect zones.

See Attachments For:

- 8 Point Plan
- Drilling Program
- BOP Design
- Surface Use and Operating Plan
- Location Plat
- Location Layout
- TOPO Maps "A" & "B"
- Area Map
- Production Facilities Schematic
- Road Right-of-Way & Damage Area

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.

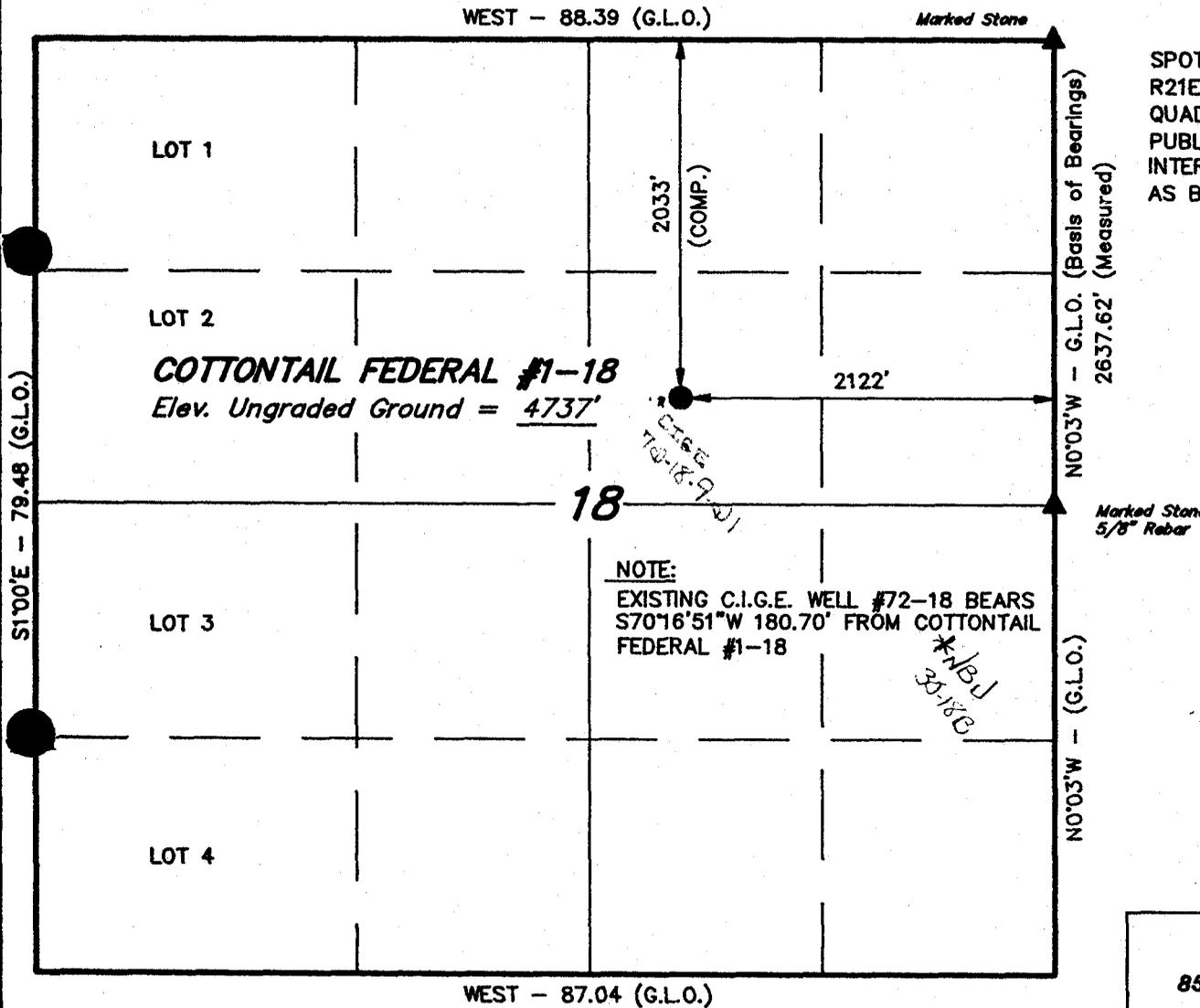
24. SIGNED: Luinda L. Wall TITLE: Asst. Admin. Clerk DATE: 7-17-90  
 (This space for Federal or State office use)  
 PERMIT NO. 43-047-31849 APPROVAL DATE: 9-12-90  
 APPROVED BY: [Signature] TITLE: [Signature]  
 CONDITIONS OF APPROVAL, IF ANY: SPACING: 197-1

\*See Instructions On Reverse Side

T9S, R21E, S.L.B.&M.

**ENRON OIL & GAS CO.**

Well location, COTTONTAIL FEDERAL #1-18, located as shown in the SW 1/4 NE 1/4 of Section 18, T9S, R21E, S.L.B.&M. Uintah County, Utah.



**NOTE:**  
 EXISTING C.I.G.E. WELL #72-18 BEARS  
 S70°16'51"W 180.70' FROM COTTONTAIL  
 FEDERAL #1-18

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE NE CORNER OF SECTION 18, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, UTAH QUADRANGLE, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP). PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4772 FEET.



CERTIFIED REGISTERED LAND SURVEYOR  
 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  
 ROBERT L. HAY  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 5709  
 STATE OF UTAH

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>	
85 SOUTH 200 EAST - VERNAL, UTAH 84078	
(801) 789-1017	
SCALE 1" = 1000'	DATE 6-15-90
PARTY L.D.T. G.T. W.J.R.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE ENRON OIL & GAS CO.

▲ = SECTION CORNERS LOCATED.

EIGHT POINT PLAN

COTTONTAIL FEDERAL 1-18  
SECTION 18, T9S, R21E  
UINTAH COUNTY, UTAH

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

FORMATIONS	DEPTH	TYPE ZONES	MAXIMUM PRESSURE
Uinta Surface			
Green River	1,603		
"H" Marker	3,347		
Base "M" Marker	4,697		
M-8 Sandstone	4,827	Possible Gas	1,660 PSIG
M-10 Sandstone	4,895	Possible Gas	2,211 PSIG
N-Limestone	5,025		
N-Limestone	5,073		
EST.TD	5,150		

All depths are based on estimated KB elevation 5,150. All pressures are based on bottom hole pressures measured on off set wells.

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>MINIMUM SAFETY FACTOR</u>		
						<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
12 1/4"	0' - 200'	200'	8 5/8"	24.0#	K-55 ST&C	2020 PSI	3520 PSI	423,000#
7 7/8"	0' - 5150	5150'	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:

<u>INTERVAL</u>	<u>MUD TYPE</u>	<u>MUD WEIGHT</u>	<u>WATER LOSS</u>	<u>ADDITIVES</u>
0' - 200'	Air Drill			
200' - 4,000'	Water			
4,000' - 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: Dual Laterolog/MSFL/GR/SP From base of surface casing to TD.  
FDC-CNL/GR/Caliper 3300' - TD.  
Rotary sidewall cores in "M"-Sands and "N"-Limestone, if porosity is encountered.

Cores: None Programmed.  
DST' : None

Completion: To be submitted at a later date.

EIGHT POINT PLAN

COTTONTAIL FEDERAL 1-18

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

0912MM/



# DRILLING PROGRAM

-2-

WELL: COTTONTAIL FEDERAL 1-18

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 float collar w/top plugs.

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 from TD to base of surface casing.

FDC-CNL-GR Caliper & BHC-GR from TD to 2000' (2.68 matrix density, 0-150 GR) or minimum run. Q log over zones of interest. Continue Caliper to base of surface casing.

CORES: None anticipated.

SAMPLES: Collect 30' samples from below surface casing to 2000'. Collect 10' samples from 2000' to TD or as directed by wellsite geologist.

FORMATION TESTS: None anticipated.

MUD LOGGING: (INCLUDES SERVICES & DEPTH): From 2000' 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: COTTONTAIL FEDERAL 1-18

DRILLING HAZARDS & SPECIAL INSTRUCTIONS: Lost circulation from surface to 1600'. Heaving/sticky shales in Wasatch. Potential gas kicks.

Reference Wells: CIGE #70, Section 20, T9S, R21E.

**CASING & TUBING PROGRAM**

SIZE	INTERVAL			WT. #/FT.	GRADE	THREAD	MINIMUM SAFETY FACTOR		
	FROM	TO	LENGTH				COLLAPSE	BURST	TENSILE
9-5/8"	0'	200'	200'	24.0#	K-55	ST&C	2020 psi	3520 psi	423,000#
4-1/2"	0'	4850'	4850'	11.6#	K-55	LT&C	4960 psi	5350 psi	180,000#

**SURVEY SCHEDULE**

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

PREPARED BY: GEORGE R. MCBRIDE

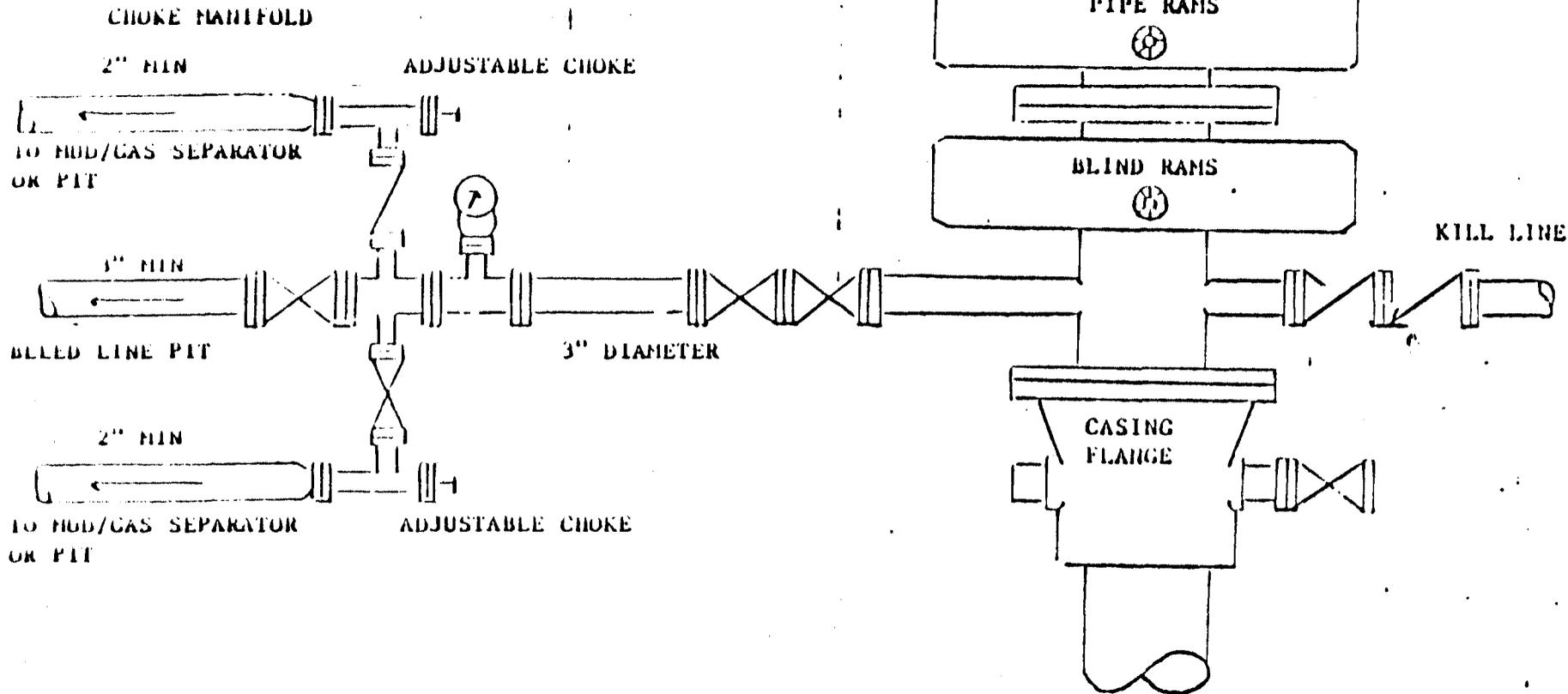
APPROVED BY: *George R. McBride*  
 GEORGE R. MCBRIDE PRODUCTION FOREMAN

BOP DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 900 SERIES.  
CASING FLANGE IS 19" 900-SERIES.  
BOPE 9" JOHNSON.

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, 3000 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.



## SURFACE USE AND OPERATING PLAN

WELL NAME: COTTONTAIL FEDERAL 1-18

LOCATION: 2,033 FNL & 2,122 FEL  
Sec. 18, T9S, R21E  
Uintah Co., Utah

### 1. EXISTING ROADS

- A. The proposed wellsite is located approximately 36 1/2 miles south of Vernal, 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 a 18 foot running surface maximum. Subgrade will be 16' (maximum grade 1 to 2%), 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. All travel will be confined to existing access road right-of-way.
- E. The road will be centerline flagged prior to commencement of construction.
- F. Access road surface is owned by the Ute Indian Tribe.
- G. 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.
- H. 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.
- I. There will be no turn outs required.
- J. No culverts will be required.
- K. No cattleguards will be required.

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 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 1 1/2 the content of the largest tank. The integrity of the dike must be maintained.
- F. Tank Batteries will be placed on the East side.
- H. 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 by Dalbo, Inc.
- B. Water source is A-1 Tank Water Well Ouray, Utah. Permit #43-8496

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. Ute Tribe, Bureau of Indian Affairs and 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 BIA & BLM requirements.

- G. All reserve pits will be lined with plastic sufficient (per Ute Tribal Energy & Minerals specification) to prevent seepage. (If a plastic nylon reinforced liner is used, it shall be torn and perforated after the pit dries and before backfilling of the reserve pit.
- H. If the reserve pit is lined the operator will provide the BLM a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements prescribed by Part II, Standards of Quality for Waters of the State, Wastewater Disposal Regulations, State of Utah Division of Health, The contents and liner will be removed and disposed of at an authorized disposal site.
- I. 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.
- J. 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.
- K. 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. All pits will be fenced in accordance with the Vernal District's fencing policy. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.
- F. The reserve pit will be located on the Northwest of location.
- G. The stockpiled topsoil will be stored on the East.
- H. Access to the well pad will be from the Southeast.
- I. Diversion ditch(es) shall be constructed on the Northwest side of the location (above/below) the cut slope, draining to the West Northwest.
- J. Soil compacted earthen berm(s) shall be placed on the Northwest side(s) of the location between the reserve pit & drainage.
- K. The drainage(s) shall be diverted around the Northwest side (s) of the well pad location

10. PLANS FOR RECLAMATION

- A. During the on site, the BIA & 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 BIA & 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. 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.
- F. If necessary, overhead flagging will be installed if oil remains on pit after drilling is completed.
- G. Reclamation activities shall begin when the pit is sufficiently dry. Once reclamation activities have began, 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.
- H. Those portions of the location not needed for production operations will be reclaimed and reseeded to BIA & BLM specifications.
- I. 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.
- J. On BIA administered lands:  
Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) reestablishing soil conditions in irrigated fields in such a way as to insure cultivation and harvesting of crops and, (c) insuring vegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

A plan will be submitted for controlling noxious weeds along right-of-ways for roads, pipelines, well sites or other applicable facilities.

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 Bureau of Indian Affairs.
- 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. An approved rights-of-way will be obtained from the BIA before any construction activities begin.
- F. All roads constructed By Enron Oil & Gas on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the BIA before cutting firewood or other timber products and (e) only authorized personnel permitted.
- G. All well site locations on the Uintah and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, the section, township, and range).
- H. Enron Oil & Gas Co. or their contractor shall contact the BLM and BIA offices at (801) 789-1362 (BLM) and (801) 722-2406 (BIA) between 24 and 48 hours prior to construction activities.
- I. 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 BIA and Ute Tribal authorization. However, if BLM authorizations is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.
- J. 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.

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

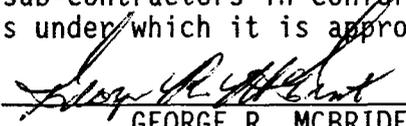
LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Enron Oil and Gas Company  
P.O. Box 1815  
Vernal, Utah 84078  
George R. 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.

7/17/90  
DATE

  
GEORGE R. MCBRIDE  
PRODUCTION FOREMAN

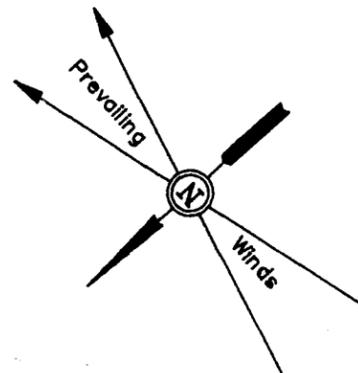
lw

0911mm/

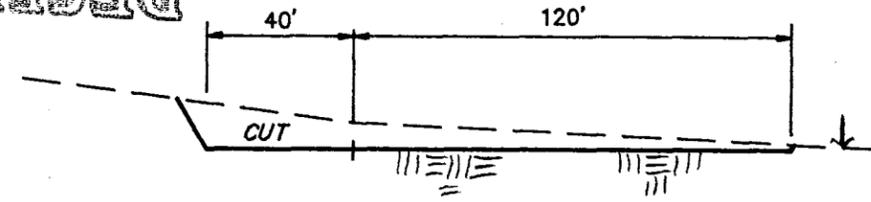
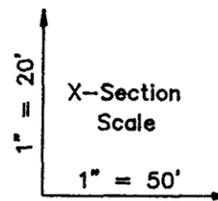
ENRON OIL & GAS CO.  
 LOCATION LAYOUT FOR  
 COTTONTAIL FEDERAL #1-18  
 SECTION 18, T9S, R21E, S.L.B.&M.

DIVISION OF  
 OIL, GAS & MINING

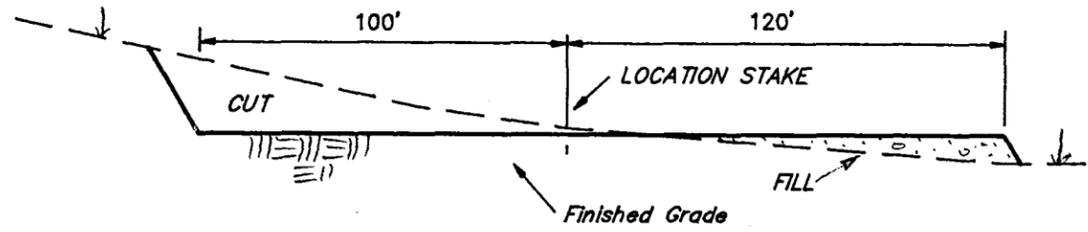
RECEIVED  
 JUL 23 1990



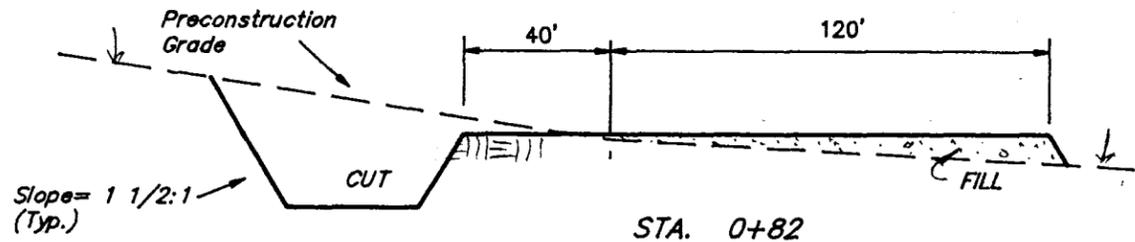
SCALE: 1" = 50'  
 DATE: 6-12-90  
 Drawn By: J.R.S.



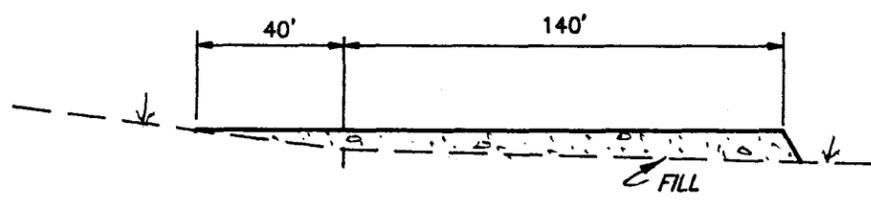
STA. 3+25



STA. 1+50



STA. 0+82

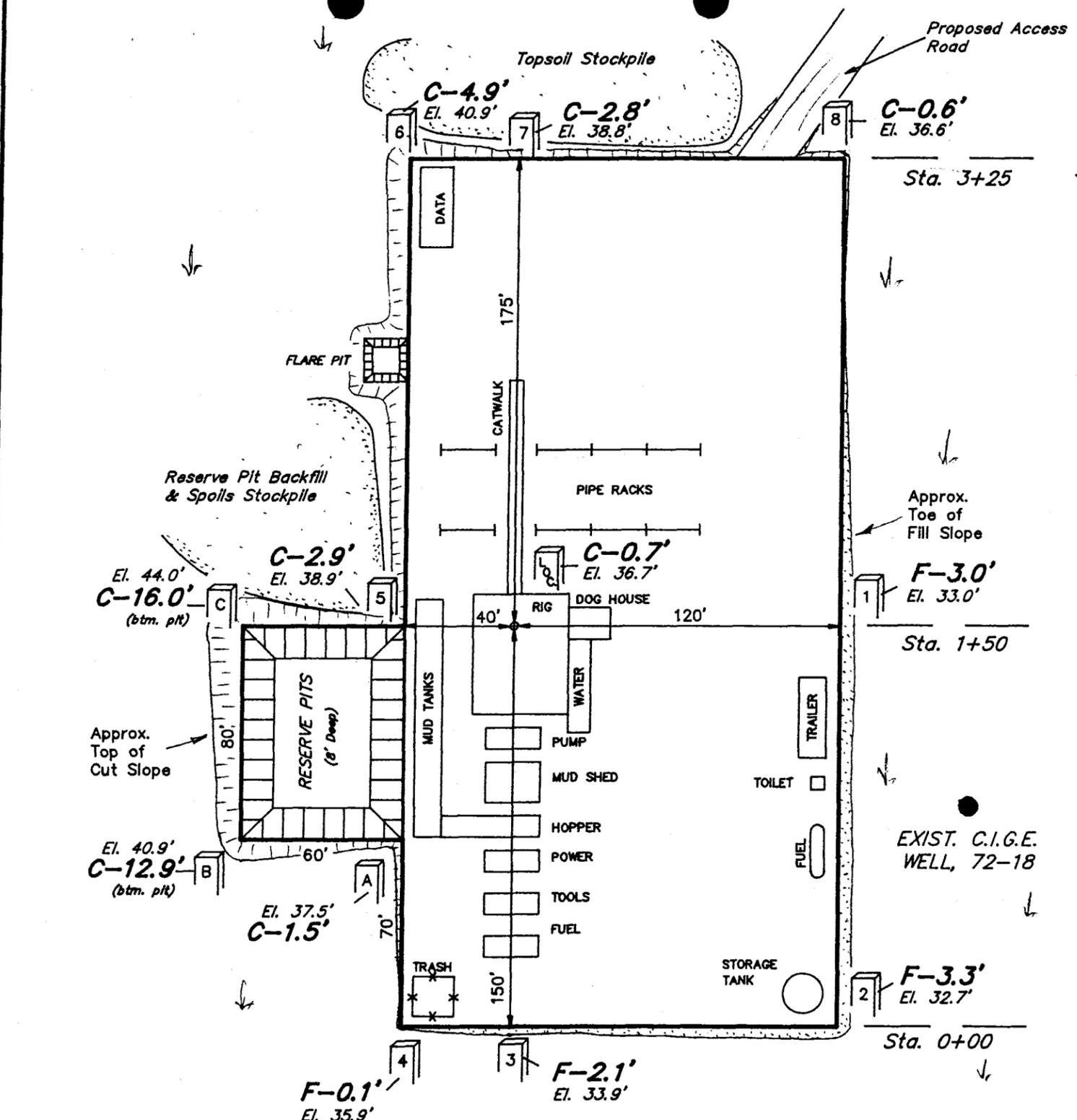


STA. 0+00

Elev. Ungraded Ground at Location Stake = 4736.7'  
 Elev. Graded Ground at Location Stake = 4736.0'

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

TYP. LOCATION LAYOUT  
 TYP. CROSS SECTIONS



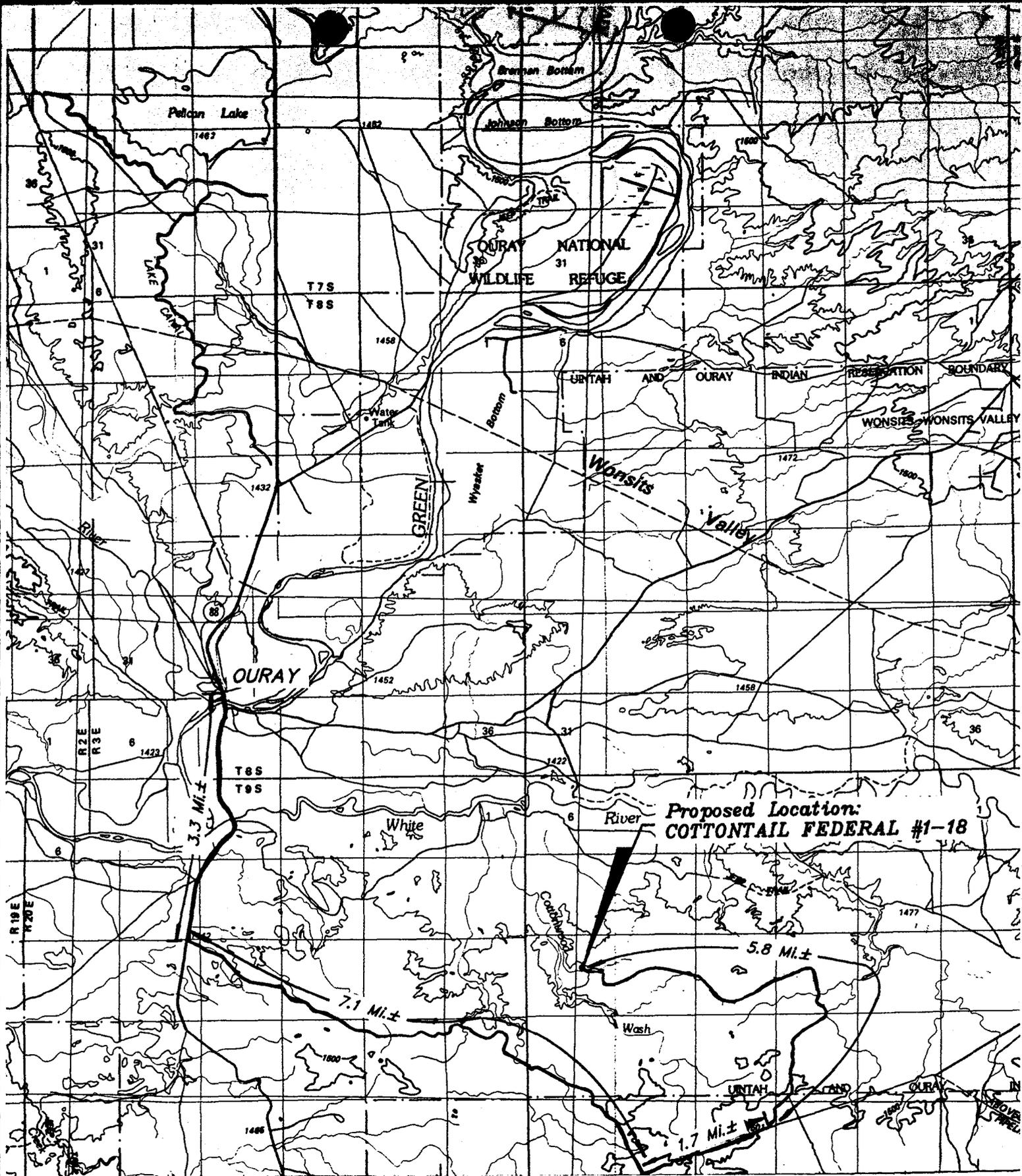
APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,052 Cu. Yds.  
 Pit Volume (Below Grade) = 967 Cu. Yds.  
 Remaining Location = 2,121 Cu. Yds.

EXCESS MATERIAL AFTER  
 5% COMPACTION = 1,540 Cu. Yds.  
 Topsoil & Pit Backfill  
 (1/2 Pit Vol.) = 1,536 Cu. Yds.

TOTAL CUT = 4,140 CU.YDS.  
 FILL = 2,470 CU.YDS.

EXCESS UNBALANCE  
 (After Rehabilitation) = 4 Cu. Yds.



**RECEIVED**  
 TOPOGRAPHIC  
 MAP "A" JUL 23 1990

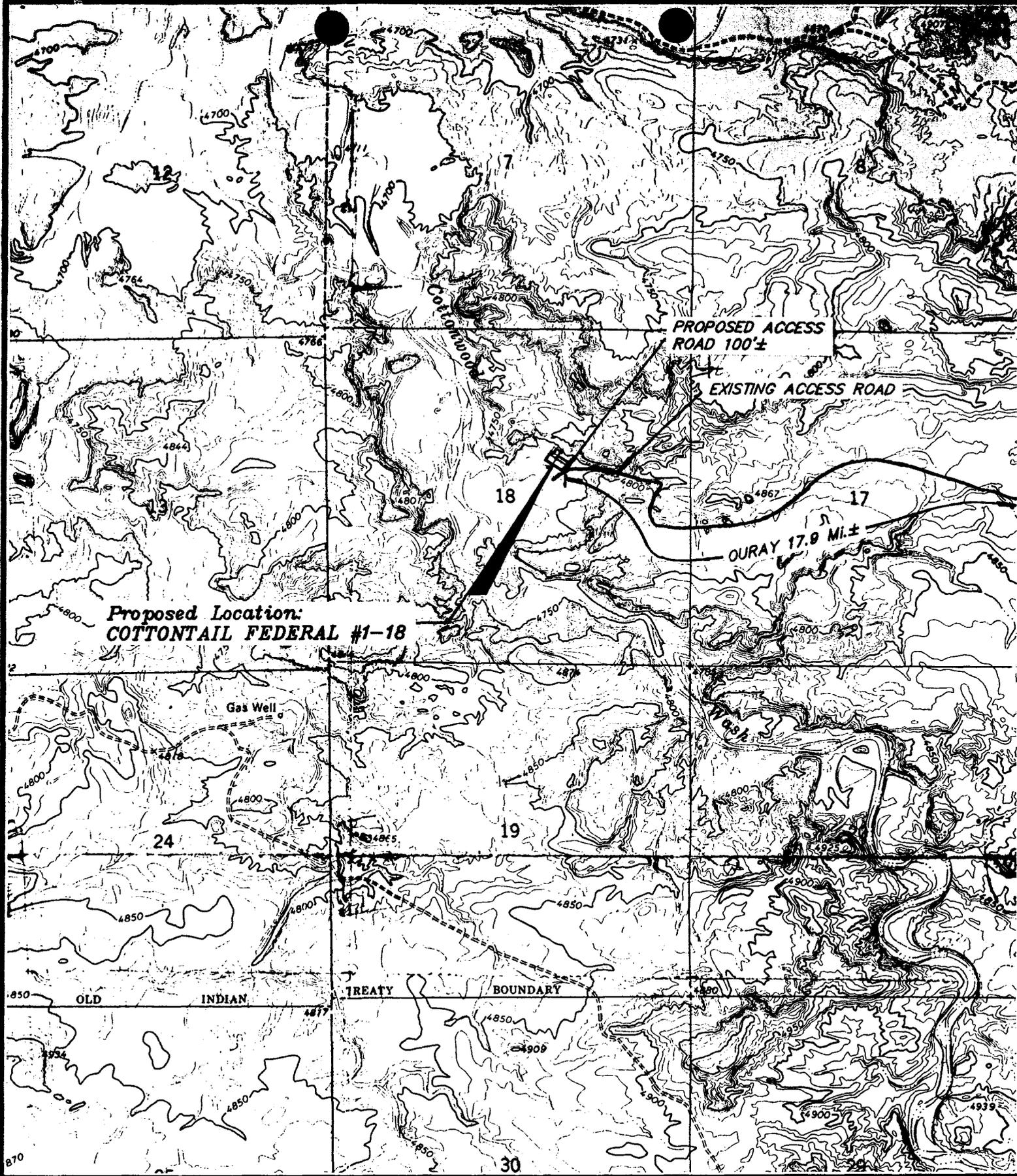
TOPOGRAPHIC  
 MAP "A" JUL 23 1990

DATE: 6-15-90

DIVISION OF  
 OIL, GAS & MINING

ENRON OIL & GAS CO.

COTTONTAIL FEDERAL #1-18  
 SECTION 18, T9S, R21E, S.L.B.&M.



**Proposed Location:  
COTTONTAIL FEDERAL #1-18**

**PROPOSED ACCESS  
ROAD 100±**

**EXISTING ACCESS ROAD**

**OURAY 17.9 MI.±**

Gas Well

**OLD INDIAN TREATY BOUNDARY**

**TOPOGRAPHIC**

**MAP "B"**

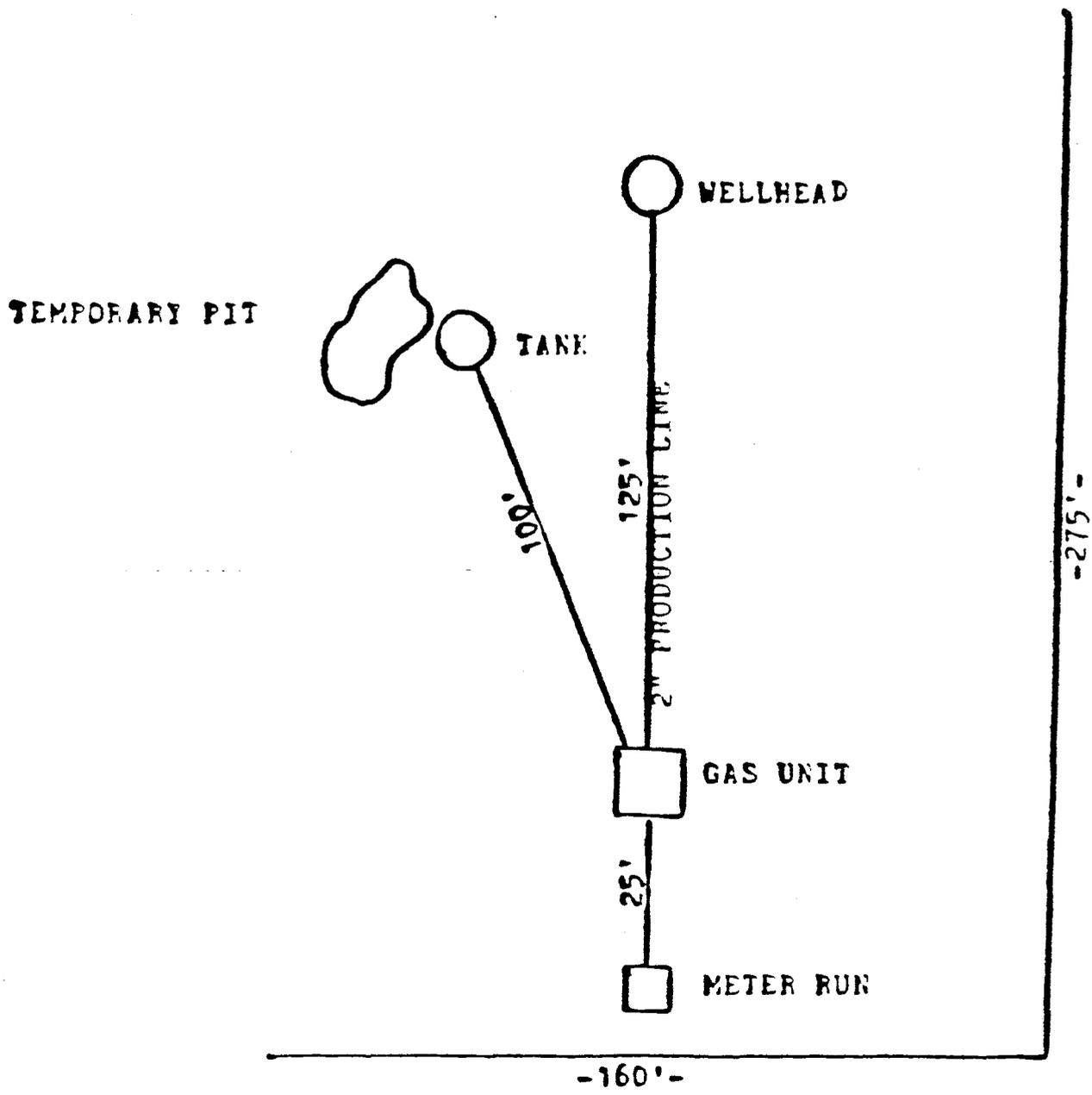
SCALE: 1" = 2000'

DATE: 6-15-90



**ENRON OIL & GAS CO.**

**COTTONTAIL FEDERAL #1-18  
SECTION 18, T9S, R21E, S.L.B.&M.**

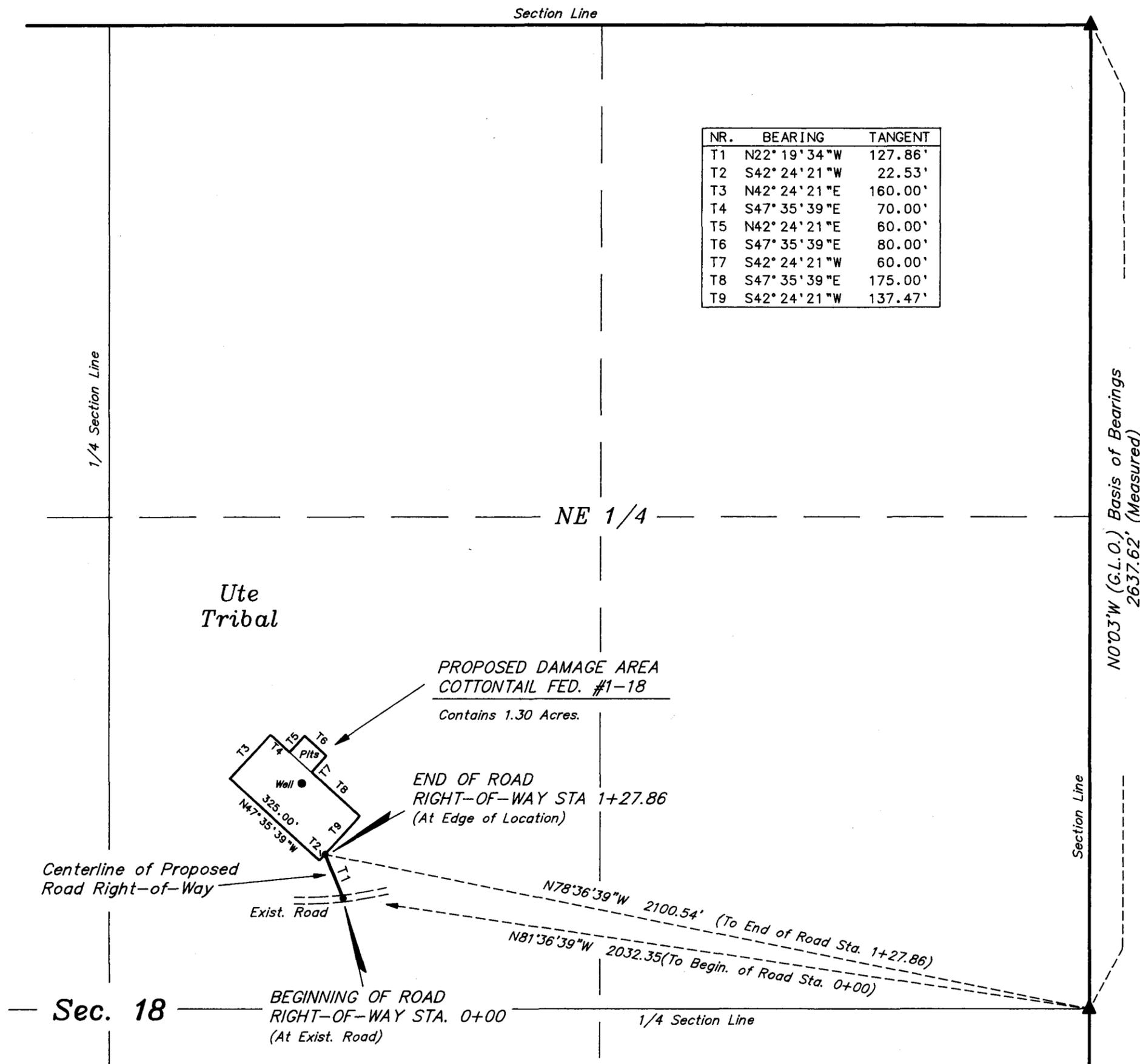


**LOCATION DAMAGE AREA  
& ROAD RIGHT-OF-WAY  
ON UTE TRIBAL LANDS**

(For Cottontail Federal #1-18)

LOCATED IN  
SECTION 18, T9S, R21E, S.L.B.&M.  
DUCHESNE COUNTY, UTAH

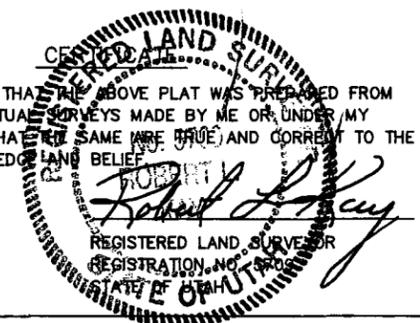
NR.	BEARING	TANGENT
T1	N22° 19' 34" W	127.86'
T2	S42° 24' 21" W	22.53'
T3	N42° 24' 21" E	160.00'
T4	S47° 35' 39" E	70.00'
T5	N42° 24' 21" E	60.00'
T6	S47° 35' 39" E	80.00'
T7	S42° 24' 21" W	60.00'
T8	S47° 35' 39" E	175.00'
T9	S42° 24' 21" W	137.47'



NO°03'W (G.L.O.) Basis of Bearings  
2637.62' (Measured)



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 • (801) 789-1017  
VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 6-23-90
PARTY L.D.T. G.T. J.R.S.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE ENRON OIL & GAS CO.

▲ = SECTION CORNERS LOCATED.

ENRON OIL & GAS CO.  
COTTONTAIL FEDERAL #1-18

ROAD RIGHT-OF-WAY & DAMAGE AREA

ON

UTE TRIBAL LANDS

LOCATED IN

SECTION 18, T9S, R21E, S.L.B.&M.

DUCHESNE COUNTY, UTAH

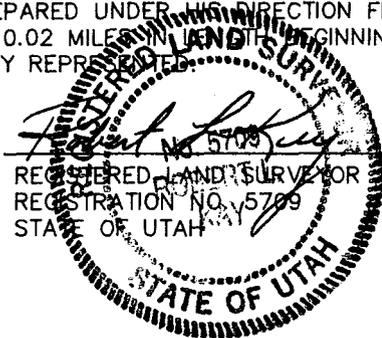
TOTAL ROAD RIGHT-OF-WAY ON UTE TRIBAL LANDS

TOTAL LENGTH OF RIGHT-OF-WAY IS 127.86' OR 0.02 MILES. WIDTH OF RIGHT-OF-WAY IS 30' (15' PERPENDICULAR ON EACH SIDE OF THE CENTERLINE). CONTAINS 0.09 ACRES MORE OR LESS.

ENGINEER'S AFFIDAVIT

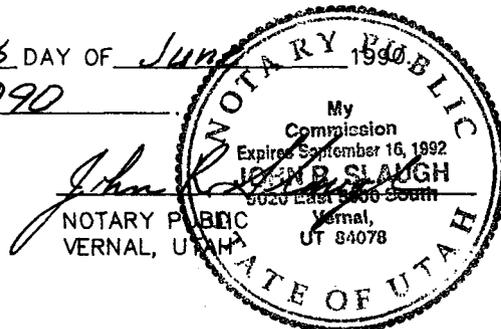
STATE OF UTAH }  
COUNTY OF UTAH } SS

ROBERT L. KAY, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR ENRON OIL & GAS CO., THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION): THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE DAMAGE AREA AND ROAD RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTION FROM SAID FIELD NOTES; AND THAT SAID RIGHT-OF-WAY, 0.02 MILES IN LENGTH BEGINNING AND ENDING AS SHOWN ON THIS MAP IS ACCURATELY REPRESENTED.



ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN BEFORE ME THIS 6<sup>th</sup> DAY OF June  
MY COMMISSION EXPIRES Sept. 16, 1990



APPLICANT'S CERTIFICATE

I, \_\_\_\_\_, DO HEREBY CERTIFY THAT I AM THE AGENT FOR ENRON OIL & GAS CO., HEREINAFTER DESIGNATED THE APPLICANT; THAT ROBERT L. KAY WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THIS DAMAGE AREA AND ROAD RIGHT-OF-WAY, 0.02 MILES IN LENGTH BEGINNING AT STA. 0+00 AND ENDING AT STA. 1+27.86, THAT SAID DAMAGE AREA AND ROAD RIGHT-OF-WAY ARE ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT-OF-WAY THEREBY SHOWN; AND THAT THE MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT-OF-WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT-OF-WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

\_\_\_\_\_  
APPLICANT

\_\_\_\_\_  
TITLE

DESCRIPTIONS

ROAD RIGHT-OF-WAY ON UTE TRIBAL LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE PERPENDICULAR TO AND PARALLEL WITH THE FOLLOWING DESCRIBED CENTERLINE. THE SIDE LINES OF SAID RIGHT-OF-WAY TO BE SHORTENED OR LENGTHENED TO TERMINATE WITH POINTS OF INTERSECTION AND THE GRANTOR'S PROPERTY LINE.

BEGINNING AT A POINT IN THE SW 1/4 NE 1/4 OF SECTION 18, T9S, R21E, S.L.B.&M. WHICH BEARS N81°36'39"W 2032.35' FROM THE EAST 1/4 CORNER OF SAID SECTION, THENCE N22°19'34"W 127.86' TO A POINT WHICH BEARS N78°36'39"W 2100.54' FROM THE SAID EAST 1/4 CORNER. BASIS OF BEARINGS IS THE EAST LINE OF THE SAID NE 1/4 WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°03'W. CONTAINS 0.09 ACRES MORE OR LESS.

DAMAGE AREA

BEGINNING AT A POINT IN THE SW 1/4 NE 1/4 OF SECTION 18, T9S, R21E, S.L.B.&M. WHICH BEARS N78°36'39"W 2100.54' FROM THE EAST 1/4 CORNER OF SAID SECTION, THENCE S42°24'21"W 22.53'; THENCE N47°35'39"W 325.00'; THENCE N42°24'21"E 160.00'; THENCE S47°35'39"E 70.00'; THENCE N42°24'21"E 60.00'; THENCE S47°35'39"E 80.00'; THENCE S42°24'21"W 60.00'; THENCE S47°35'39"E 175.00'; THENCE S42°24'21"W 137.47' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS THE EAST LINE OF THE SAID NE 1/4 WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°03'W. CONTAINS 1.30 ACRES MORE OR LESS.

APPLICATION FOR GRANT OF RIGHT-OF-WAY

Enron Oil & Gas Co.

having a resident or principal place of business at 211 South 1000 East  
Vernal, Utah, hereby files an application with the Bureau of Indian  
Affairs, pursuant to the terms and provisions of the Act of February 5, 1948  
(62 Stat. 17; 25 U.S.C. 323), and to the regulations of the Department of the  
Interior contained in Title 25, Code of Federal Regulations, Part 169, for  
the grant of a right-of-way for the following purposes and reasons:

100' in length and 30' in width with 18' running surface maximum  
access road for Cottontail Federal 1-18 Well.

Across the following described Indian land:

SW $\frac{1}{4}$  NE $\frac{1}{4}$  Sec. 18, T9S, R21E

Said right-of-way to be approximately 100' in length, \_\_\_\_\_  
30' in width, and .07 Acres, and more particularly  
described and shown on the map of definite location to be attached and made a  
part hereof.

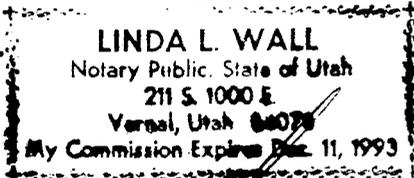
The applicant understands and hereby expressly agrees to the following  
stipulations:

- (a) To construct and maintain the right-of-way in a workmanlike manner.
- (b) To pay promptly all damages and compensation, in addition to the  
deposit made pursuant to 169.4 determined by the Secretary to be due  
the landowners and authorized users and occupants of the land on  
account of the survey, granting, construction and maintenance of the  
right-of-way.
- (c) To indemnify the landowners and authorized users and occupants against  
any liability for loss of life, personal injury and property damage  
arising from the construction, maintenance, occupancy or use of the  
lands by the applicant, his employees, contractors and their  
employees or subcontractors and their employees.
- (d) To restore the lands as nearly as may be possible to their original  
condition upon the completion of the construction to the extent  
compatible with the purpose for which the right-of-way was granted.
- (e) To clear and keep clear the lands within the right-of-way to the  
extent compatible with the purpose of the right-of-way; and to  
dispose of all vegetative and other material cut, uprooted, or other-  
wise accumulated during the construction and maintenance of the  
project.

- (f) To take soil and resource conservation and protection measures, including weed control, on the land covered by the right-of-way.
- (g) To do everything reasonable within its power to prevent and suppress fires on or near the lands to be occupied under the right-of-way.
- (h) To build and repair such roads, fences, and trails as may be destroyed or injured by construction work and to build and maintain necessary and suitable crossings for all roads and trails that intersect the works constructed, maintained, or operated under the right-of-way.
- (i) That upon revocation or termination of the right-of-way, the applicant shall, so far as is reasonably possible, restore the land to its original condition.
- (j) To at all times keep the Secretary informed of its address, and in case of corporations of the address of its principal officers.
- (k) That the applicant will not interfere with the use of the lands by or under the authority of the landowners for any purpose not inconsistent with the primary purpose for which the right-of-way is granted.

IN WITNESS THEREOF, Linda L. Wall has caused this instrument to be executed this 14<sup>th</sup> Day

of July 19 90.



Carol Hatch  
WITNESS

Linda L. Wall  
APPLICANT

Craig [Signature]  
WITNESS

George R. McBride

Production Foreman

SUPPORTING DOCUMENTS

- ( ) Written consent of the landowners.
- ( ) Evidence of good faith and financial responsibility.
- (x) \$70.00 estimated damages.
- ( ) State certified copy of corporate charter or articles of corporation.
- ( ) Certified copy of resolution or bylaws of the corporation authorizing the filing of the stipulations.
- ( ) State certification that the applicant is authorized to do business in the State where the land is located.
- ( ) Certified copy of the articles of partnership or association.
- ( ) Map of definite location.
- ( ) Other:

APPLICATION FOR GRANT OF RIGHT-OF-WAY

Enron Oil & Gas Co.

having a resident or principal place of business at 211 South 1000 East Vernal, Utah, hereby files an application with the Bureau of Indian Affairs, pursuant to the terms and provisions of the Act of February 5, 1948 (62 Stat. 17; 25 U.S.C. 323), and to the regulations of the Department of the Interior contained in Title 25, Code of Federal Regulations, Part 169, for the grant of a right-of-way for the following purposes and reasons:

Location pad for drilling and production operations for the Cottontail Federal 1-18 Well.

Across the following described Indian land:

SW $\frac{1}{4}$  NE $\frac{1}{4}$  Sec. 18, T9S, R21E

Said right-of-way to be approximately 325' and 80' in length, 160' and 60' in width, and 1.30 Acres, and more particularly described and shown on the map of definite location to be attached and made a part hereof.

The applicant understands and hereby expressly agrees to the following stipulations:

- (a) To construct and maintain the right-of-way in a workmanlike manner.
- (b) To pay promptly all damages and compensation, in addition to the deposit made pursuant to 169.4 determined by the Secretary to be due the landowners and authorized users and occupants of the land on account of the survey, granting, construction and maintenance of the right-of-way.
- (c) To indemnify the landowners and authorized users and occupants against any liability for loss of life, personal injury and property damage arising from the construction, maintenance, occupancy or use of the lands by the applicant, his employees, contractors and their employees or subcontractors and their employees.
- (d) To restore the lands as nearly as may be possible to their original condition upon the completion of the construction to the extent compatible with the purpose for which the right-of-way was granted.
- (e) To clear and keep clear the lands within the right-of-way to the extent compatible with the purpose of the right-of-way; and to dispose of all vegetative and other material cut, uprooted, or otherwise accumulated during the construction and maintenance of the project.

- (f) To take soil and resource conservation and protection measures, including weed control, on the land covered by the right-of-way.
- (g) To do everything reasonable within its power to prevent and suppress fires on or near the lands to be occupied under the right-of-way.
- (h) To build and repair such roads, fences, and trails as may be destroyed or injured by construction work and to build and maintain necessary and suitable crossings for all roads and trails that intersect the works constructed, maintained, or operated under the right-of-way.
- (i) That upon revocation or termination of the right-of-way, the applicant shall, so far as is reasonably possible, restore the land to its original condition.
- (j) To at all times keep the Secretary informed of its address, and in case of corporations of the address of its principal officers.
- (k) That the applicant will not interfere with the use of the lands by or under the authority of the landowners for any purpose not inconsistent with the primary purpose for which the right-of-way is granted.

IN WITNESS THEREOF, Linda L. Wall has caused this instrument to be executed this 17<sup>th</sup> Day of July 19 90.

LINDA L. WALL  
 Notary Public, State of Utah  
 211 S. 1000 E.  
 Vernal, Utah 84077  
 My Commission Expires Dec. 11, 1993

Carol Hatch  
 WITNESS

Levy [Signature]  
 WITNESS

[Signature]  
 APPLICANT

George R. McBride  
 Production Foreman

SUPPORTING DOCUMENTS

- ( ) Written consent of the landowners.
- ( ) Evidence of good faith and financial responsibility.
- (x) \$1,300 estimated damages.
- ( ) State certified copy of corporate charter or articles of corporation.
- ( ) Certified copy of resolution or bylaws of the corporation authorizing the filing of the stipulations.
- ( ) State certification that the applicant is authorized to do business in the State where the land is located.
- ( ) Certified copy of the articles of partnership or association.
- ( ) Map of definite location.
- ( ) Other:



# ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

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

June 21, 1990

Subject: CULTURAL RESOURCE EVALUATION OF PROPOSED WELL  
LOCATION COTTONTAIL UNIT NO. 1-18 IN THE  
OURAY LOCALITY OF UINTAH COUNTY, UTAH

Project: Enron Oil and Gas Company

Project No.: EOGC-90-2

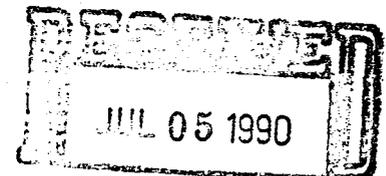
Permit No.: Dept. of Interior -- Ut-88-54937  
Utah State Project No. 90-AF-268i

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

Mr. Roland McCook, Bureau of Indian Affairs,  
P.O. Box 190, Fort Duchesne, Utah 84026

Mr. Kesley LaRose, Ute Indian Tribe, Energy &  
Minerals Dept., P.O. Box 190, Fort Duchesne,  
Utah 84026

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



ENRON OIL & GAS  
VERNAL, UTAH 84078

#### GENERAL INFORMATION:

On June 20, 1990, AERC archaeologist F. R. Hauck conducted a cultural resource evaluation of the Cottontail Unit No. 1-18 for Enron Oil and Gas Company of Vernal, Utah. This proposed well unit is on Ute Tribal lands in the Cottonwood Wash locality of Uintah County. Officials from the Ute Tribe Energy and Minerals Department accompanied the survey.

This well unit is situated to the southeast of Ouray, Utah in Section 18, Township 9 South, Range 21 East, Salt Lake Base & Meridian. The well location is in the southwestern portion of the NE quarter of that section. A short access route connects the proposed location with the existing road which is about 200 feet to the south of the location.

The project area is at the 4750 foot elevation above sea level in a saltbush, rabbit brush, greasewood, and Spiney Hopsage community.

#### FILE SEARCH:

A records search was conducted at the Antiquities Section of the Utah State Division of History in Salt Lake City and at the Vernal District Office of the BLM on June 21, 1990. These searches resulted in the determination that an existing well location which is immediately west of the proposed Enron well site probably was evaluated for cultural resource presence a number of years ago. Unfortunately, no records were found which could relate the nature of the earlier project. No known National Register potential sites are situated in the project area.

#### RESEARCH METHODS:

To conduct the current evaluation, the archaeologist walked a series of 10 to 15 meter wide transects through the flagged development zone in order to conduct an intensive evaluation. This survey included a buffer zone around the location and a short access corridor.

#### RESULTS:

No cultural resource activity sites of historic or prehistoric occupation or use were recorded during this evaluation in this project area. No artifacts were collected by AERC.

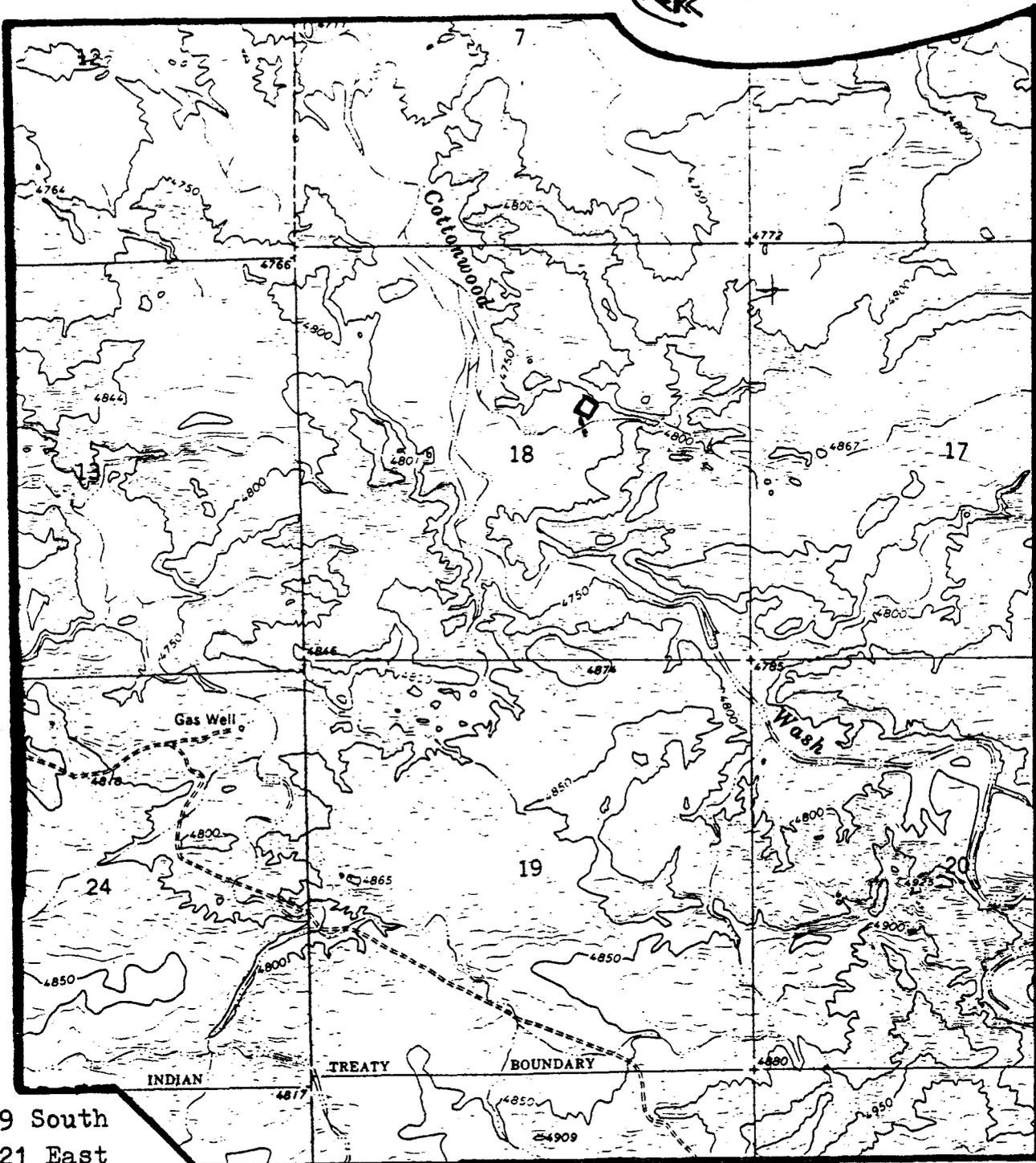
CONCLUSION AND RECOMMENDATIONS:

AERC recommends that a cultural resource clearance be granted to the Enron Oil and Gas Company relative to the development and production of the proposed well based upon adherence to the following stipulations:

1. All vehicular traffic, personnel movement, and construction should be confined to the surfaces 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; and
3. the authorized BIA or tribal official should be consulted should cultural remains from subsurface deposits be exposed during the gravel extraction program or if the need arises to relocate or otherwise alter the location of the construction area.



F. Richard Hauck, Ph.D.  
President and Principal  
Investigator



T. 9 South  
R. 21 East

Meridian: Salt Lake B. & M.

Quad:

Ouray SE, Utah  
7.5 minute-USGS



Project: EOGC-90-2  
Series: Uinta Basin  
Date: 6-22-90

Cultural Resource Survey  
of Proposed Cottontail  
Unit No. 1-18 in the  
Cottonwood Wash Locality

Legend:

Well Location

Access Route



2.64" = 1 mile

Scale

OPERATOR Enron Oil Gas Co No 101 DATE 7-07-90

WELL NAME Cottontail Actual 1-18

SEC S11E 18 T 9S R 01E COUNTY Montah

43-047-31899  
API NUMBER

Actual  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Water Permit

Oil shale Cause No 190-5(b) 10-08-80

Per Lewis Thompson GRRV PZ is not part of Natural Buttes Unit

APPROVAL LETTER:

SPACING:

R615-2-3

N/A  
UNIT

R615-3-2

197-1 4-09-80  
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1- Needs Water Permit

2- Oil shale

# ENRON

## OIL & GAS COMPANY

1801 California Street, Suite 3400 Denver, Colorado 80202-2634 (303) 293-2525

August 6, 1990

Coastal Oil & Gas Corporation  
P.O. Box 749  
Denver, Colorado 80201-0749

Attention: Mr. Les Streeb

RE: Request for Consent to  
Exception Well Location  
Cottontail Federal #1-18  
Township 9 South, Range 21 East  
Section 18: SW/4NE/4  
Uintah County, Utah

Gentlemen:

Enron Oil & Gas Company (Enron) has staked and proposes to drill the Cottontail Federal #1-18, a 5,000' Green River test, at a location 2,033' FNL, 2,122' FEL (SW/4NE/4) of Section 18, Township 9 South, Range 21 East, Uintah County, Utah.

The State of Utah Board of Oil, Gas and Mining's spacing order bearing Cause No. 197-1 established 160-acre drilling units for the development and production of gas and associated hydrocarbons from the Green River formation and prescribes that the location of the permitted well in each drilling unit shall be not less than 1000' from the exterior boundary of such drilling unit. Inasmuch as the location of the proposed Cottontail Federal #1-18 well is not in compliance with this spacing order, Enron will request the State of Utah Division of Oil, Gas and Mining's administrative approval of such location as an exception location in accordance with General Rule R615-3-3. Such Rule requires Enron to submit written consent from all owners of directly or diagonally offsetting drilling units.

Therefore, if Coastal Oil & Gas Corporation (Coastal) has no objections to Enron's drilling its proposed Green River test, the Cottontail Federal #1-18 well, at the above-described exception well location, Enron respectfully requests Coastal so indicate its written consent to same by dating and

Coastal Oil & Gas Corporation  
August 6, 1990  
Page 2 of 2

executing this letter in the spaces provided below and returning three (3) originally executed copies to my attention at the letterhead address as soon as possible.

Yours very truly,

ENRON OIL & GAS COMPANY



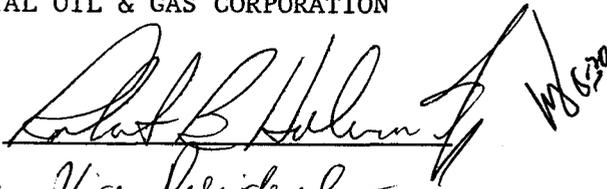
Toni Lei Macko  
Project Landman

TLM/das  
7560T

On this 30 day of August, 1990, Coastal Oil & Gas Corporation hereby grants its written consent to Enron's drilling its proposed Green River test, the Cottontail Federal #1-18, at a location 2,033' FNL, 2,122' FEL (SW/4NE/4) of Section 18, Township 9 South, Range 21 East, Uintah County, Utah, which location is an exception to State of Utah Board of Oil, Gas and Mining's Cause No. 197-1.

COASTAL OIL & GAS CORPORATION

BY:



TITLE:

Vice President

# ENRON

## OIL & GAS COMPANY

1801 California Street, Suite 3400 Denver, Colorado 80202-2634 (303) 293-2525

August 29, 1990

**RECEIVED**  
AUG 31 1990

DIVISION OF  
OIL, GAS & MINING

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

Attention: Ms. Tami Searing

RE: Application for Exception Well ✓  
Location  
Proposed Cottontail Federal #1-18  
Township 9 South, Range 21 East  
Section 18: SW/4NE/4  
Uintah County, Utah  
0050612-000

Gentlemen:

Reference is made to that certain spacing order promulgated in Cause No. 197-1 for the development and production of gas and associated hydrocarbons from the Green River formation. Said order established 160-acre drilling units covering, among other lands, the NE/4 of Section 18, Township 9 South, Range 21 East, Uintah County, Utah. The prescribed location of the permitted well therein shall be not less than 1000' from the exterior boundary of such drilling unit.

Enron Oil & Gas Company (Enron) proposes and respectfully requests permission to drill the Cottontail Federal #1-18, a 5000' Green River test, at a location 2033' FNL, 2122' FEL (SW/4NE/4) of Section 18, Township 9 South, Range 21 East, Uintah County, Utah, which is not a location at which a gas well could be drilled in compliance with the aforementioned spacing order.

The Cottontail Federal #1-18 will TD in the Douglas Creek Member of the Green River formation: the Wasatch and Mesaverde Formations (the unitized zones in the Natural Buttes Unit) will not be penetrated. The objective of this well is a sand in what Enron informally refers to as the "M"-8 Zone of the Douglas Creek Member. The "M"-8 Zone contains stratigraphically trapped gas in fluvial channels in the area and mapping shows the sand to be highly lenticular and stratigraphically unpredictable in the area. The CIG Exploration 72-18-9-21 well, a Wasatch producer located at 2049' FNL, 2291' FEL (SW/4NE/4) of Section 18, Township 9 South, Range 21 East, Uintah County, encountered a thick "M"-8 sand. Enron, as owner of the Green River rights in the area, wishes to drill a twin to this well to develop the "M"-8 gas. In order to reduce stratigraphic risk in these lenticular sands, Enron desires to drill as close to the control point as is topographically and logistically possible. The requested exception location is necessary for Enron to do so.

Enclosed herewith, as Exhibit "A," is a plat which depicts the outlines of the 160-acre drilling units established by the aforementioned spacing order, the legal window in each drilling unit within which the permitted well therein may be located (location at which a gas well could be drilled in the NE/4 of Section 18, Township 9 South, Range 21 East, Uintah County, Utah, in compliance with the order and locations at which gas wells could be drilled in accordance with the order in drilling units directly or diagonally offsetting the proposed exception), and the location at which Enron requests permission to drill the proposed Cottontail Federal #1-18. No Green River wells have been drilled in any of these drilling units.

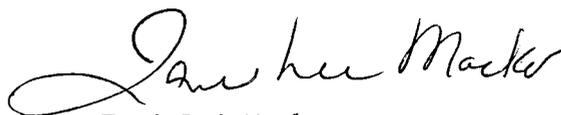
Also enclosed is Exhibit "B," a land map which displays Enron's ownership of 100% of the operating rights from the surface to the base of the Green River formation underlying the subject 160-acre drilling unit (NE/4 of Section 18, Township 9 South, Range 21 East, Uintah County, Utah), the 160-acre drilling units directly offsetting the subject 160-acre drilling unit to the south and east and the 160-acre drilling units diagonally offsetting the subject 160-acre drilling unit to the northwest, northeast, southeast, and southwest. Coastal Oil & Gas Corporation (Coastal) owns 100% of the operating rights from the surface to the base of the Green River formation underlying the 160-acre drilling units directly offsetting the subject 160-acre drilling unit to the west and north. As you can see, there are no other owners involved.

Three (3) copies of a letter dated August 6, 1990, on which Coastal has evidenced its written consent to Enron's proposed drilling of the Cottontail Federal #1-18 at the subject exception location are enclosed.

Enron respectfully requests the Division of Oil, Gas and Mining administratively grant this application for an exception well location at its earliest opportunity.

Yours very truly,

ENRON OIL & GAS COMPANY



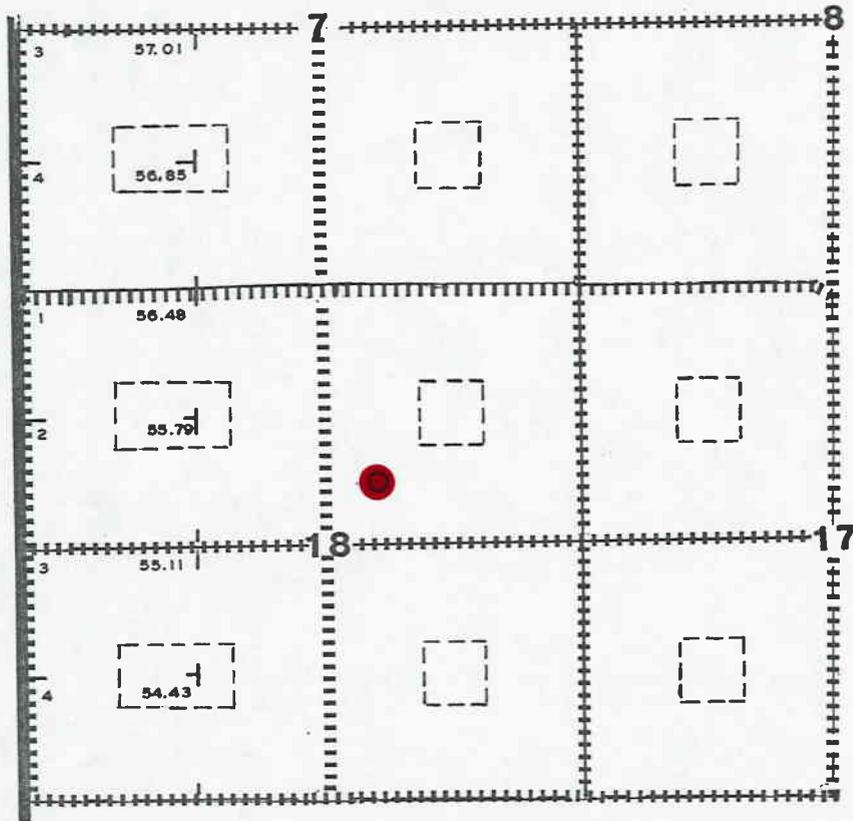
Toni Lei Macko  
Project Landman

TLM/das  
Enclosures  
7566T

cc: R. Dean - Denver  
George McBride - Vernal  
D.E. Zlomke - Big Piney  
Les Streeb - Coastal Oil & Gas Corporation

OIL AND GAS	
DPN	RJF
JRB	GLH
DTS	SLS
1-TAS	
4	MICROFILM
5	FILE

# R. 21 E.



**T.  
9  
S.**

————— Drilling Units established for development and production of gas and associated hydrocarbons from Green River Formation under Cause No. 197-1

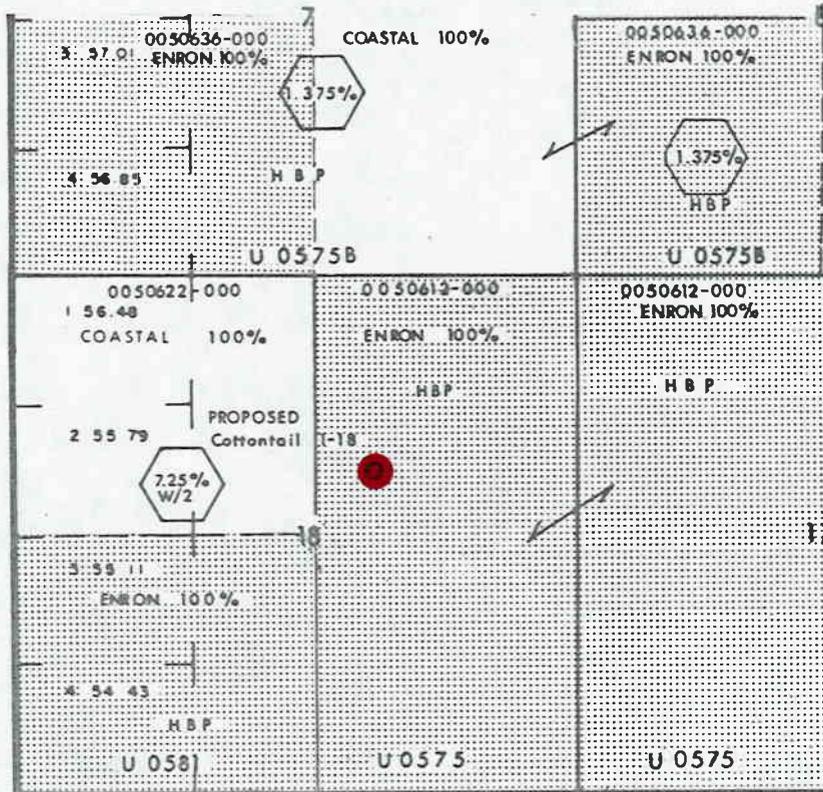
□ Legal Window within which permitted well could be drilled in each Drilling Unit.

● Location at which applicant requests permission to drill proposed Cottontail Federal #1-18

## Exhibit "A"

	<b>ENRON OIL &amp; GAS COMPANY</b>	
	HOUSTON DENVER MIDLAND CORPUS CHRISTI	
	<b>NATURAL DUCK PROSPECT</b> UINTAH COUNTY, UTAH	
	<b>Application for Exception Well Location</b>	
SCALE 1" = 2000'		DATED
DRAFTED BY RJP	DATED	T.L. Mecko 6-90

# R. 21 E.



T.  
9.  
S.

-  ENRON FULL WORKING INTEREST
-  ENRON ORRI

Information depicted on this Plat is limited to the ownership from the Surface to the Base of the Green River Formation

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	<small>UINTAH COUNTY, UTAH</small>
<b>Application for Exception Well Location</b>	
<small>SCALE 1" = 2000'</small>	
<small>DRAWN BY</small>	<small>DATE</small>
<small>T. L. Meeko 6-90</small>	

# ENRON

## OIL & GAS COMPANY

1801 California Street, Suite 3400 Denver, Colorado 80202-2634 (303) 293-2525

August 29, 1990

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

RECEIVED  
SEP 10 1990  
ENRON-DENVER

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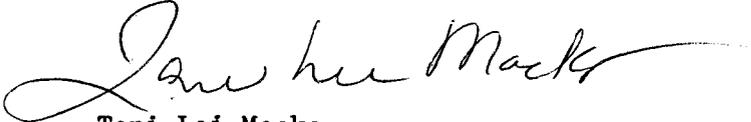
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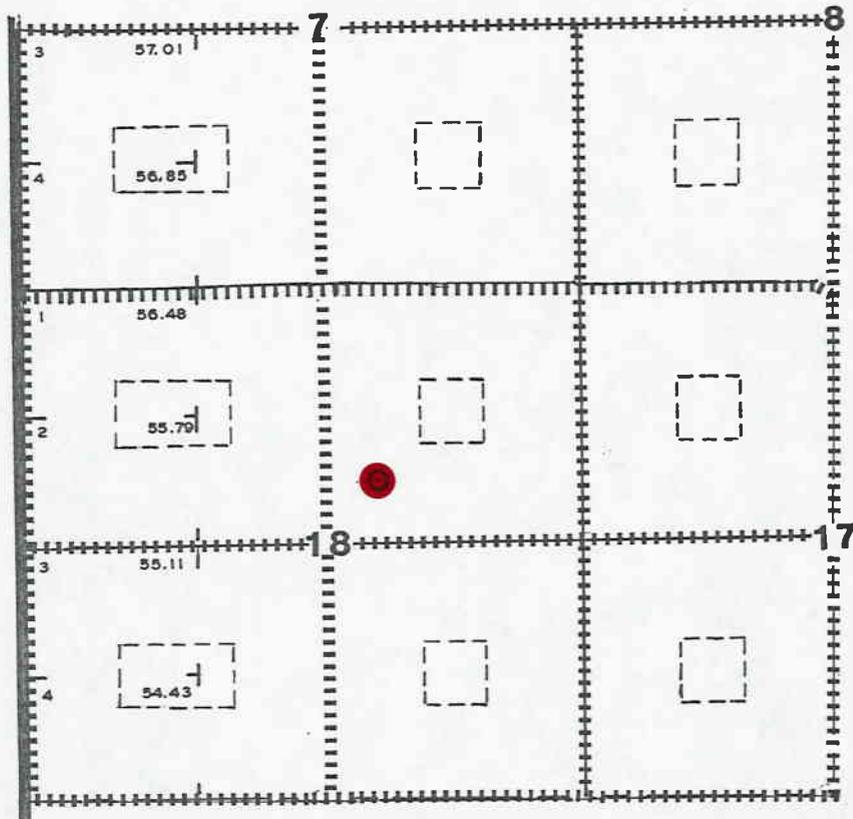


Toni Lei Macko  
Project Landman

TLM/das  
Enclosures  
7566T

cc: R. Dean - Denver  
George McBride - Vernal  
D.E. Zlomke - Big Piney  
Les Streeb - Coastal Oil & Gas Corporation

# R. 21 E.



**T.  
9  
S.**

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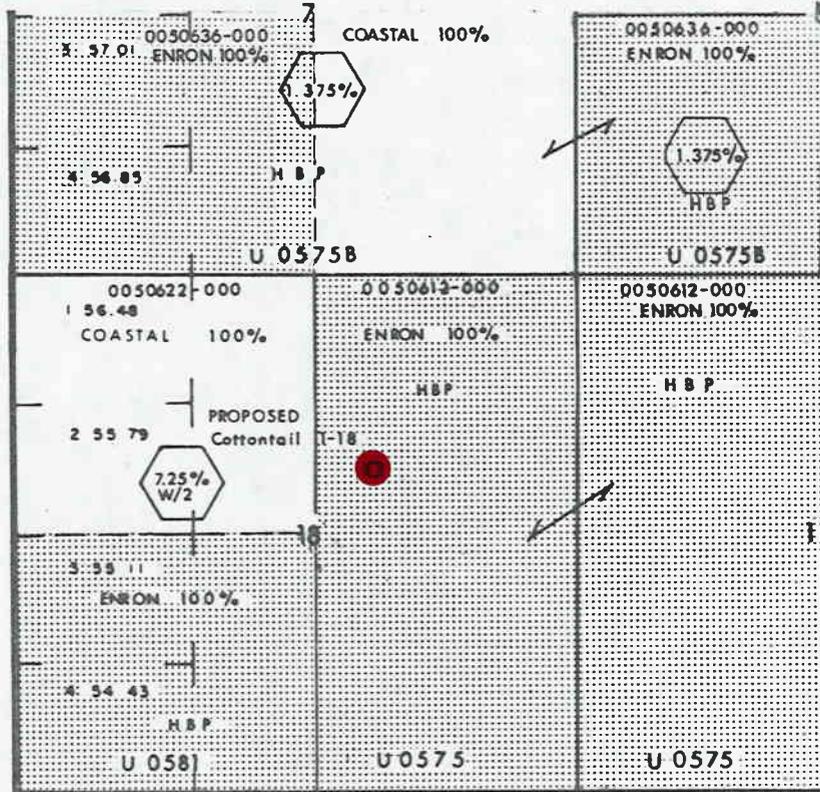
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SCALE 1" = 2000'	DRAFTED BY RJP	DATED	T.L. Macko	DATED 6-90

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-  ENRON ORRI

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	HOUSTON DENVER MIDLAND CORPUS CHRISTI
	<b>NATURAL DUCK PROSPECT</b> UNTAH COUNTY, UTAH
	<b>Application for</b> <b>Exception Well Location</b>
SCALE 1" = 2000'	
DRAFTED BY	DATE
DRAWN BY	DATE
T.L. Macko	6-90



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangarter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

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

September 12, 1990

Enron Oil & Gas Company  
1801 California Street, Suite 3400  
Denver, Colorado 80202-2634

Gentlemen:

Re: Cottontail Federal 1-18 - SW NE Sec. 18, T. 9S, R. 21E - Uintah County, Utah - 2033' FNL, 2122' FEL

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 197-1 dated April 29, 1982 subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
2. Special attention is directed to compliance with Rule R615-3-34, which prescribes drilling procedures for designated oil shale areas.

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

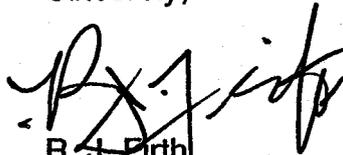
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.

Page 2  
Enron Oil & Gas Company  
Cottontail Federal 1-18  
September 12, 1990

5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31899.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
J. L. Thompson  
WE14/1-2

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 requirements.)  
 At surface  
 2033' FNL & 2122' FEL SW/NE  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 36 1/2 Miles South of Vernal, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 2,033'

16. NO. OF ACRES IN LEASE  
 1,600

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  
 5,150'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4,772'

22. APPROX. DATE WORK WILL START\*  
 September 1, 1990

5. LEASE DESIGNATION AND SERIAL NO.  
 U-0575

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Ute Tribal Surface

7. UNIT AGREEMENT NAME  
 Natural Buttes

8. FARM OR LEASE NAME  
 Cottontail Federal

9. WELL NO.  
 1-18

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 18, T9S, R21E

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

RECEIVED  
 OCT 25 1990  
 DIVISION OF  
 OIL, GAS & MINING

43-047-31899 DRL

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.	200'	200 Sxs
7 7/8"	5 1/2"	15.5	3,300'	Sufficient to protect zones.

See Attachments For:

- 8 Point Plan
- Drilling Program
- BOP Design
- Surface Use and Operating Plan
- Location Plat
- Location Layout
- TOPO Maps "A" & "B"
- Area Map
- Production Facilities Schematic
- Road Right-of-Way & Damage Area



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 Luella L. Wall TITLE Site Admin. Clerk DATE 7-17-90  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 ASSISTANT DISTRICT  
 APPROVED BY [Signature] TITLE MANAGER MINERALS DATE OCT 17 1990  
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company ENRON OIL & GAS COMPANY Well No. 1-18  
Location SWNE Sec. 18, T9S, R21E Lease No. U-0575

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.

Useable water may be encountered from +60-210 ft. in the Uinta formation. Saline water may be encountered from +1140-1710 ft., +1761-2011 ft., +3270-3400 ft., +4630-4860 ft., and +5101-5150 ft. In the Green River formation. The Mahogany oil shale and the L1 oil shale have been identified from +2756-2871 ft. and +3051-3121 ft., respectively. Therefore, as a minimum, the resources shall 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. If usable and saline water are encountered, the usable water shall be isolated and/or protected via the cementing program.

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

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 forty-eight (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 thirty (30) days of installation or first

production, whichever occurs first. All site security regulations as specified in Onshore Oil & 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 thirty (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 Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & 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-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka  
Petroleum Engineer

(801) 781-1190

Ed Forsman  
Petroleum Engineer

(801) 789-7077

BLM FAX Machine

(801) 789-3634

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

Company/Operator: ENRON OIL AND GAS COMPANY

Well Name & Number: Cottontail Federal 1-18

Lease Number: U-0575

Location: SWNE Sec. 18 T. 9S R. 21E

Surface Ownership: Ute Tribe

## CONDITIONS OF APPROVAL

### Cultural Resource Protection Procedures

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 (5) 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 conform, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

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.

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

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

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

## 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.

memorandum

DATE:

October 12, 1990

REPLY TO  
ATTN OF:

*Noting*  
Superintendent, Uintah & Ouray Agency

SUBJECT:

ROW-H62-90-93, Enron Oil & Gas Co.  
Section 18, Township 9 South, Range 21 East

TO:

Bureau of Land Management, Vernal District Office  
Attn: Paul Andrews

We (concur with) (recommend) approval of the Application for Permit to drill on the subject well (s).

Based on available information on October 12, 1990, we have cleared the proposed locations in the following areas of environmental impact.

YES	<u>XX</u>	NO	<input type="checkbox"/>	Listed Threatened or Endangered Species
YES	<u>XX</u>	NO	<input type="checkbox"/>	Critical Wildlife Habitat
YES	<u>XX</u>	NO	<input type="checkbox"/>	Archeological or Cultural Resources
YES	<input type="checkbox"/>	NO	<u>X</u>	Air Quality Aspects (to be used only if project is in or adjacent to a Class 1 Acre of Attainment)
YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	Other (If necessary)

*Copy & Cleared*





United States Department of the Interior  
BUREAU OF INDIAN AFFAIRS  
UINTAH AND OURAY AGENCY  
Fort Duchesne, Utah 84026  
(801) 722-2406 Ext.

IN REPLY REFER TO:

Real Estate Services  
Ten. & Mgmt.

OCT 12 1990

Enron Oil and Gas Company  
211 South 1000 East  
Vernal, UT 84078

Dear Sir:

This is your authority to proceed with construction of the following right-of-way.

Access road                      Section 18, Township 9 South, Range 21  
East, Salt Lake Base and meridian.

Upon completion of construction, please submit an Affidavit of Completion with accompanying Certification for right-of-way.

If you have any questions, please contact Roland McCook, Realty Officer or Thomasina Appah, Realty Clerk at (801) 722-2406 Ext. 48/43.

Sincerely,

*Roland McCook*  
Superintendent

▲  
OCT 1990  
Received  
OO: BIA  
Vernal, Utah

DIVISION OF OIL, GAS AND MINING

DRL

API NO. 43-047-31899

SPUDDING INFORMATION

NAME OF COMPANY: ENRON OIL & GAS CO.

WELL NAME: COTTONTAIL FED. 1-18

SECTION SWNE 18 TOWNSHIP 9S RANGE 21E COUNTY UINTAH

DRILLING CONTRACTOR OLSEN

RIG # 2

SPUDED: DATE 10-22-90

TIME 4:00 p.m.

HOW AIR RIG

DRILLING WILL COMMENCE 10-26-90

REPORTED BY MIKE ROBERTS

TELEPHONE # 789-7670

DATE 10-23-90 SIGNED TAS

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Budget Bureau No. 1004-0134 Expires August 31, 1988 UTE TRIBAL SERVICE

SUNDRY NOTICES AND REPORTS ON WELLS

THIS FORM IS TO BE USED FOR REPORTING ON THE COMPLETION OF WORK ON WELLS UNDER PERMITS ISSUED BY THE BUREAU OF LAND MANAGEMENT

1. NAME OF OPERATOR: ENRON OIL & GAS COMPANY
2. ADDRESS OF OPERATOR: P. O. BOX 1815 VERNAL, UTAH 84078
3. LOCATION OF WELL: 2033' FNL & 2122' FEL SW/NE
4. PERMIT NO.: 43-047-31899
5. ELEVATIONS: 4772' GR

6. LEASE DESIGNATION AND SERIAL NO.
7. UTE AGREEMENT PART
8. NAME OF LEASE: COTTONTAIL FEDERAL
9. WELL NO.: 1-18
10. FIELD AND POOL OF WELLS
11. SECTION, TOWNSHIP, RANGE AND SURVEY OF AREA: SEC 18, T9S, R21E
12. COUNTY OF PARISH, STATE: UINTAH, UTAH

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

Grid of checkboxes for: TEST WATER BRUI-OFF, PLANT BY TREAT, SHOWING OF ACIDIZING, REPAIR WELL, CORRECT, FULL OF ALTER CASING, MULTIPLE COMPLETION, ABANDONMENT, CHANGE PLAN, WATER BRUI-OFF, PLANT BY TREATMENT, SHOWING OF ACIDIZING, REPAIRING WELL, ALTERING CASING, ABANDONMENT.

17. THIS REPORT IS FOR THE COMPLETION OF OPERATIONS... (Note: Report results of multiple completion of Well Completion or Recompletion Report and Log form)

RESERVE PIT WILL BE LINED WITH 12 ML SYNTHETIC LINER. AGREED TO AT ON SITE INSPECTION BETWEEN CHARLIE CAMERON, PAT PADIA AND DALE HANBERG WITH THE BIA AND JAY ORR WITH ENRON OIL & GAS 10-15-90

RECEIVED OCT 24 1990

Accepted by State of Utah Division of Oil, Gas and Mining Date: 10-26-90 By: [Signature]

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

SIGNED Jay Z. Orr TITLE SENIOR PUMPER DATE 10-16-90

APPROVED BY CONDITIONS OF APPROVAL, IF ANY: Federal Approval of this Action is Necessary

\*See Instructions on Reverse Side

OPERATOR Enron Oil & Gas Co.  
 ADDRESS P.O. Box 1815  
211 South 1000 East  
Vernal, Utah 84078

OPERATOR ACCT. NO. NO401

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	11125	43-047-31899 <sup>ORL</sup>	Cottontail Federal 1-18	SWNE	18	9S	21E	Uintah	10-22-90	10-22-90
WELL 1 COMMENTS: Federal Lease Field-Natural Buttes Unit-N/A (Cause No. 197-1) Proposed Zone-BRRV (New Entity 11125 added 10-30-90) JEP											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

**RECEIVED**  
 OCT 26 1990  
 DIVISION OF  
 OIL, GAS & MINING

- 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.

Linda L. Wain  
 Signature  
Sr. Admin. Clerk 10/24/90  
 Title Date  
 Phone No. (801) 789-0790

**ENRON**  
**Oil & Gas Company**

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

October 26, 1990

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

OCT 29 1990  
DIVISION OF  
OIL, GAS & MINING

RE: Cottontail Federal 1-18  
Sec. 18, T9S, R21E  
Uintah County, Utah  
Lease No. U-0575

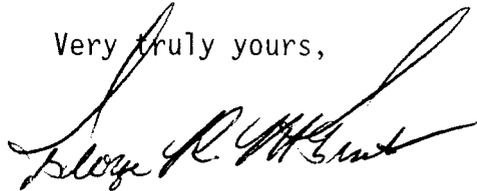
Attn: Sallie Gardner

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  
0951mm

cc: State Division of Oil Gas & Mining  
Bureau of Indian Affairs  
Big Piney Office  
File

(Rev. 1-1983)  
(Form 9-33)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

EXPIRES AUGUST 31, 1985  
(Other Instructions on Reverse Side)

LEASE DESIGNATION AND SERIAL  
U-0575

SUNDRY NOTICES AND REPORTS ON WELLS

BY INDIAN ALLOTTEE OR TRIBE NAME  
Ute Tribal Surface

UNIT AGREEMENT NAME

NAME OF LEASE NAME  
Cottontail Federal

WELL NO.  
1-18

FIELD AND POOL, OR WILDCAT

SEC., T., R., N., OR BLE. AND SURVEY OR AREA  
Sec. 18, T9S, R21E

COUNTY OR PARISH  
Uintah

STATE  
Utah

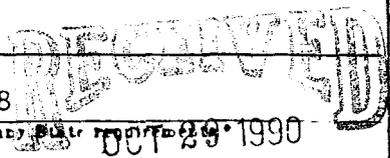
(1) Do not use this form for proposals to drill or to complete or plug back to a different formation.  
Use APPLICATION FOR PERMITS for such proposals.

1. 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 recordably with any State requirements.)  
At surface:  
2033' FNL & 2122' FEL SW/NE



DIVISION OF OIL, GAS & MINING

14. PERMIT NO.  
43-047-31899 DR

15. ELEVATIONS (Show whether DT, ST, OR, etc.)  
4772' 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   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETION   
ABANDON\*   
CHANGE PLANT

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OF ACIDIZING   
(Other) Spud

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(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.)

Well was spudded on 10-23-90 @ 4:00 PM. 12 1/4" hole was drilled to 214'. 8 5/8" casing was set at 210' and cemented to surface with 175 sx Class "G" cement.

Oral notice of spud was called to Sallie Gardner with BLM, Tammy Searing with State Division of Oil Gas & Mining and Darren Cuch with BIA on 10/24/90.

18. I hereby certify that the foregoing is true and correct  
SIGNED Linda L. Wall TITLE Sr. Admin. Clerk DATE 10/26/90

(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

RECEIVED  
DEC 13 1990

December 10, 1990

DIVISION OF  
OIL, GAS & MINING

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

RE: Cottontail Federal 1-18  
Sec. 18, T9S, R21E  
Uintah County, Utah  
Lease No. U-0575

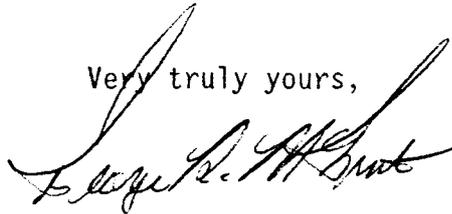
Attn: Byron Tolman

Dear Byron:

Attached please find a Sundry Notice with a schematic explaining production facilities.

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

Very truly yours,



George McBride  
Production Foreman

GRM/lw  
0964mm

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.)

5. LEASE DESIGNATION AND SERIAL NO.  
**U-0575**  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**UTE TRIBAL SURFACE**  
 7. UNIT AGREEMENT NAME  
**NATURAL BUTTES**

1. OIL  WELL  GAS  WELL  OTHER

**RECEIVED**  
 DEC 13 1990

8. FARM OR LEASE NAME  
**COTTONTAIL FEDERAL**

2. NAME OF OPERATOR  
**ENRON OIL & GAS COMPANY**

9. WELL NO.  
**1-18**

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

10. FIELD AND POOL OR WILDCAT  
**NATURAL BUTTES/GREEN RIVE**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
 See also space 17 below.)  
 At surface  
**2033' FNL & 2022' FEL SW/NE**

DIVISION OF  
 OIL, GAS & MINING

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**SEC. 18, T9S, R21E**

14. PERMIT NO.  
**43-047-31899**

*DR*

15. ELEVATIONS (show whether DF, RY, GR, etc.)  
**4772 GR**

12. COUNTY OR PARISH **UINTAH** 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) **PRODUCTION FACILITY INSTALLATION**

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.)\*

*Attached please find a schematic for subject well explaining production facilities.*

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

SIGNED *Linda L. Williams*

TITLE *Sr. Admin. Clerk*

DATE *12/10/90*

APPROVED BY

TITLE

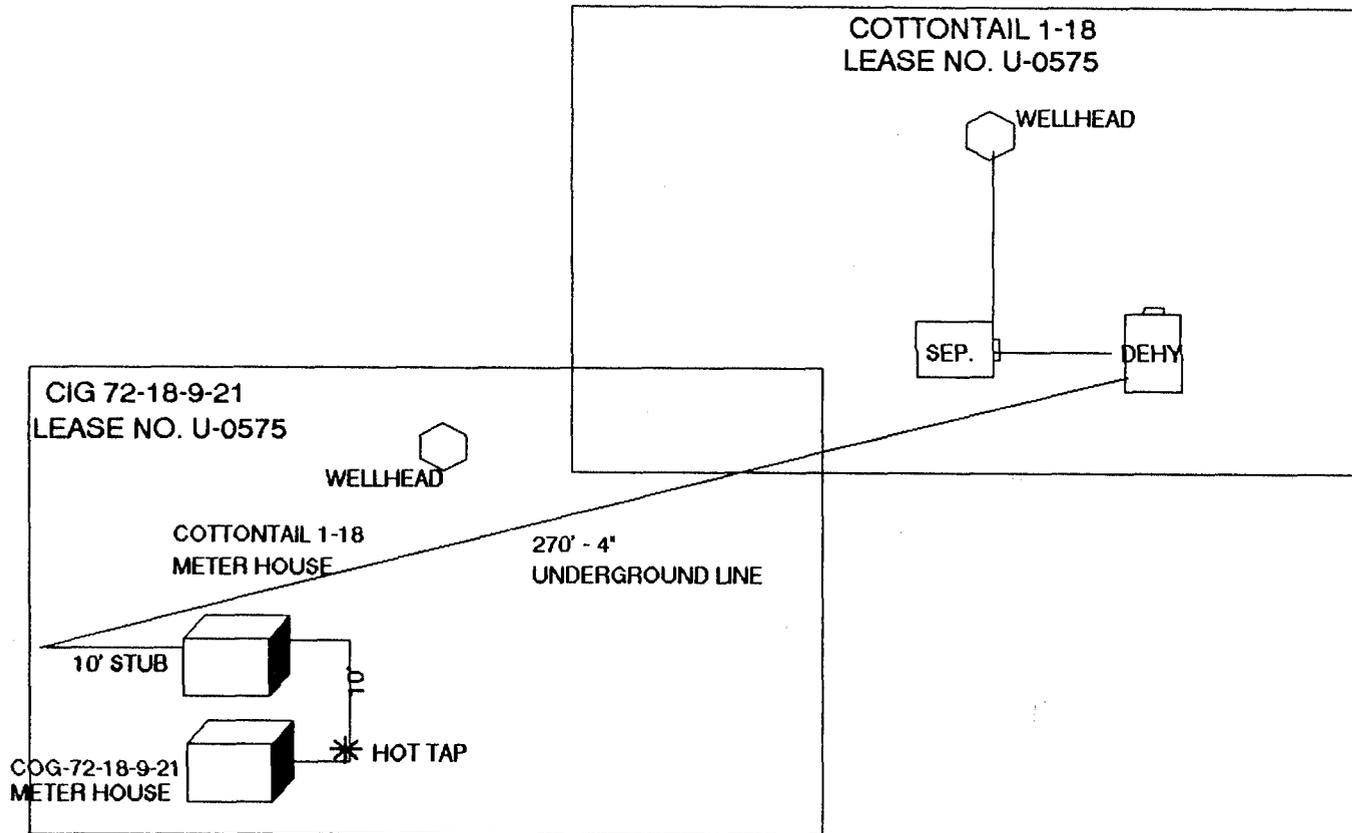
DATE

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.

COTTONTAIL FEDERAL 1-18  
SEC. 18, T9S, R21E  
UINTAH COUNTY, UTAH  
LEASE NO. U-0575



COTTAIL/LW

**ENRON**  
**Oil & Gas Company**

P.O. Box 1615 Vernal UT 84078 (801) 789-0790

January 4, 1991

RECEIVED  
JAN 08 1991  
DIVISION OF  
OIL, GAS & MINING

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

RE: Cottontail Federal 1-18  
Sec. 18, T9S, R21E  
Uintah County, Utah  
Lease No. U-0575

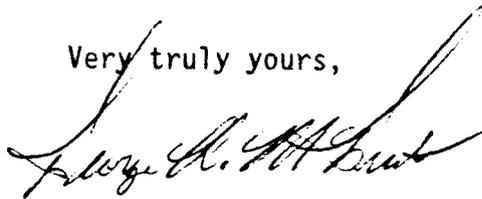
Attn: Ed Forsman:

Dear Ed:

Attached please find a Well Completion Report on the subject well.

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

Very truly yours,



George R. McBride  
Production Foreman

GRM/1w  
0969mm

cc: **State Division of Oil Gas & Mining**  
Bureau Of Indian Affairs  
Big Piney Office  
File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved  
Budget Bureau No. 47-R335.1

LEASE DESIGNATION AND SERIAL NO.

U-0575

C. IF INDIAN APPLICABLE OR TRIBE NAME

UTE TRIBAL SURFACE

UNIT AGREEMENT NAME

NATURAL BUTTES

NAME OF LEASE NAME

COTTONTAIL FEDERAL

WELL NO.

1-18

10. FIELD AND POOL OR WILDCAT

NBU/GREENRIVER

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

SEC. 18, T9S, R21E

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. RESERVE  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)\*  
At surface  
2033' FNL & 2122' FEL SW/NE  
At top prod. interval reported below  
At total depth

14. PERMIT NO. <sup>SGW</sup> 43-047-31899 DATE ISSUED 9/12/90

12. COUNTY OR PARISH UINTAH 13. STATE UTAH

15. DATE SPUDDED 10/22/90 16. DATE T.D. REACHED 11/12/90 17. DATE COMPL. (Ready to prod.) 12/6/90 18. ELEVATIONS (DF, REB. ET. GR. ETC.)\* 4737 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5169' 21. PLUG BACK T.D., MD & TVD 5110' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY → ALL 24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* M-8 4799-4821 (GREENRIVER) 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL / MSFL, FDC, CNL, GR mud log 11-13-90 27. WAS WELL CORED NO

25. 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#	210'	12 1/4"	175 SX Class "G"	None
5"	17#	5169	7 7/8"	365 SX Pacesetter LT	None

29. LINER RECORD 30. TUBING RECORD

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

31. PERFORATION RECORD (Interval, size and number) M-8 4799 - 4821' 4 SPF 4" Csg gun (88 Shots)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4799-4821'	892 Bbls 3% KCl & 103,000# 20/40 Sand.

33. PRODUCTION

DATE FIRST PRODUCTION 12/2/90 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/290	4	32/64	→	0	600	0	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
80	120	→	0	3600	0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY Dave Neher

35. LIST OF ATTACHMENTS  
CBL

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 1/4/91

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

RECORDED  
FEB 21 1991

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
U-0575

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
UTE TRIBAL SURFACE

7. UNIT AGREEMENT NAME  
NATURAL BUTTES

8. FARM OR LEASE NAME  
COTTONTAIL FEDERAL

9. WELL NO.  
1-18

10. FIELD AND POOL, OR WILDCAT  
NBU/GREENRIVER

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SEC. 18, T9S, R21E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1b. 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  
O.O. BOX 1815, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 2033' FNL & 2122' FEL SW/NE  
At top prod. interval reported below  
At total depth

14. API NO. SGW DATE ISSUED 9/12/90 12. COUNTY UINTAH 13. STATE UTAH

15. DATE SPUDDED 10/22/90 16. DATE T.D. REACHED 11/12/90 17. DATE COMPL. (Ready to prod.) 12/6/90 (Plug & Abd.) 18. ELEVATIONS (DP, REB, RT, CR, ETC.) 4737 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5169' 21. PLUG BACK T.D., MD & TVD 5110' 22. IF MULTIPLE COMPL. HOW MANY \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS All CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)  
M-8 4799-4821' (GREENRIVER) 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, MSFL, FDC, GR 27. WAS WELL CORED YES  NO  (Submit analysis) DRILL STEM TEST YES  NO  (See reverse side) 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#	210'	12 1/4"	175 SX Class "G"	NONE
5"	17#	5169	7 7/8"	365 SX pacementer LT	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)  
M-8 4799-4821' 4 SPF 4" Csg Gun (88 Shots)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>4799-4821'</u>	<u>892 Bbls 3% KCL &amp; 103,000 # 20/40 sand</u>

33. PRODUCTION  
DATE FIRST PRODUCTION 12/2/90 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) SI

DATE OF TEST	HOURS TESTED	CHOSE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<u>12/2/90</u>	<u>4</u>	<u>32/64</u>	<u>→</u>	<u>0</u>	<u>600</u>	<u>0</u>	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
<u>80</u>	<u>120</u>	<u>→</u>	<u>0</u>	<u>3600</u>	<u>0</u>		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY Dave Neher

35. LIST OF ATTACHMENTS

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 2/8/91

See Spaces for Additional Data on Reverse Side

## INSTRUCTIONS

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

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

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

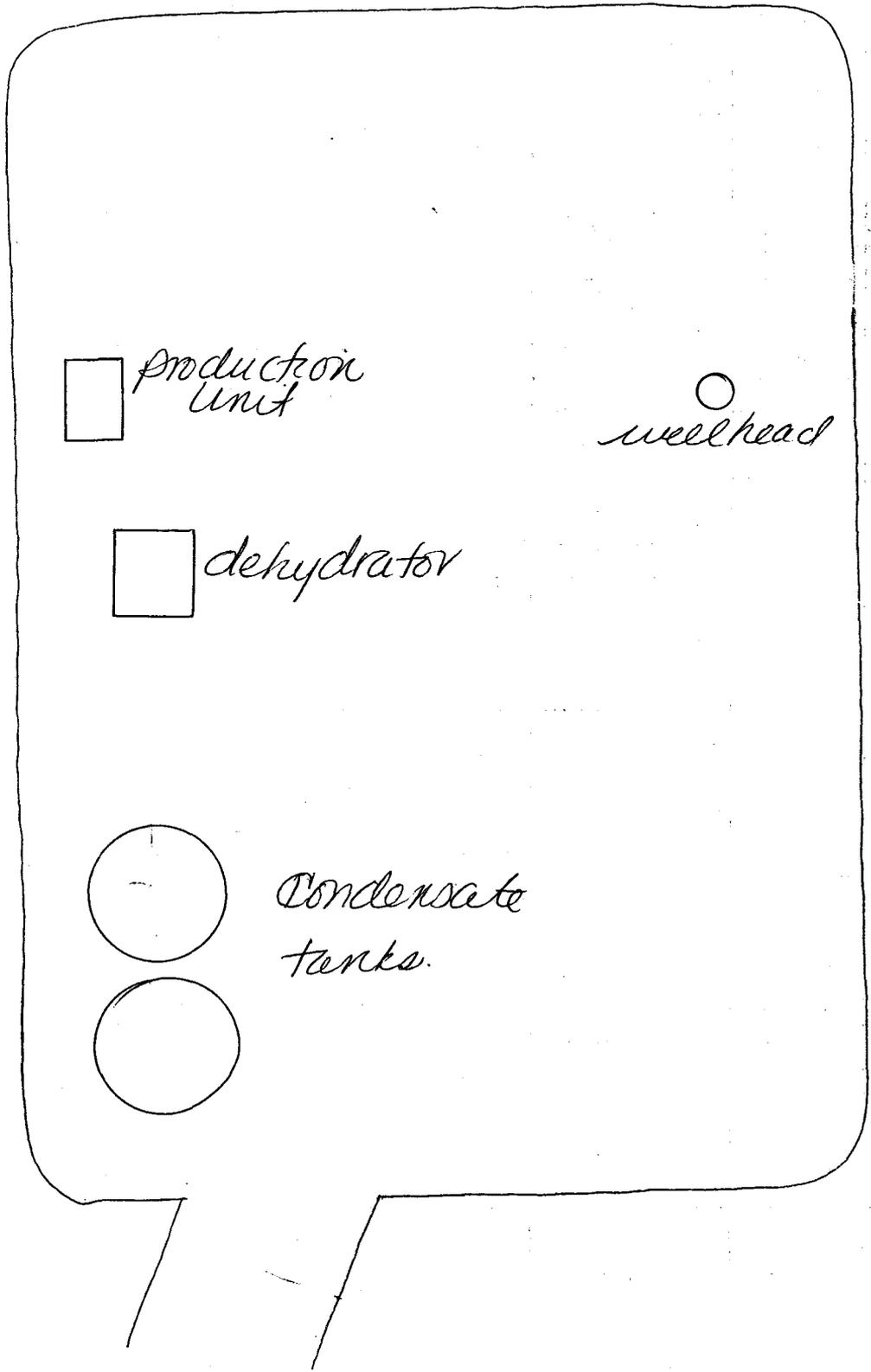
ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.				38. GEOLOGIC MARKERS			
Formation	Top	Bottom	Description, contents, etc.	Name	Top		
						Meas. Depth	True Vert. Depth
Uinta	Surface						
Green River	1603	+3181					
"H" Marker	3347	+1443					
Base M Mrk	4697	+ 87					
"M" 8 Sand	4827	- 43	Primary Objective				
"M" 10 Sand	4895	- 111	Secondary Objective				
"N" Lime	5025	- 241					
"N" Lime	5073	- 289	Secondary Objective				

Cottontail Id 1-18 Sec 18, T9S, R21E Carol Kubby 6-20-91

XI ↗



# ENRON

## OIL & GAS COMPANY

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

December 18, 1991

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

RE: SUNDRY NOTICE - PRODUCED WATER DISPOSAL  
Cottontail Federal 1-18  
SWNE Sec. 18, T9S, R21E S.L.B.&M  
Uintah County, Utah  
Lease No. U-0575

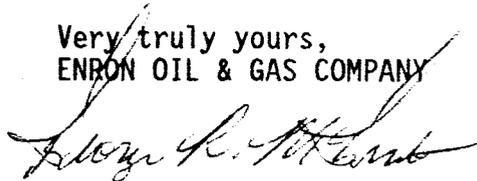
Attn: Ed Forsman

Dear Mr. Forsman:

Attached please find a Sundry Notice on subject well requesting produced water disposal.

If you require further information concerning this matter, 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  
Doug Weaver/Toni Miller  
Suzanne Saldivar - Houston  
File

/lwSundry

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

SUBMIT IN TRIPlicate  
 (Other instruction on  
 verso 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  
**2033' FNL & 2122' FEL SW/NE**

14. PERMIT NO.  
**43-047-31899**

15. ELEVATIONS (show whether DF, RY, GR, etc.)  
**4737'**

5. LEASE DESIGNATION AND SERIAL NO.  
**U-0575**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
**UTE TRIBAL SURFACE**

7. UNIT AGREEMENT NAME  
**NATURAL BUTTES**

8. FARM OR LEASE NAME  
**COTTONTAIL FEDERAL**

9. WELL NO.  
**1-18**

10. FIELD AND POOL OR WILDCAT  
**NBU/GREENRIVER**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**SEC. 18, T9S, R21E**

12. COUNTY OR PARISH  
**UINTAH**

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 checked="" type="checkbox"/>

(Other) **Dispose of Produced Water**

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>		<input 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 requests approval to dispose of produced water from the subject well by the following method:**

1. Store in tank.
2. Haul by truck to State approved disposal - Ace Oilfield Disposal, Inc.

**Accepted by the State  
 of Utah Division of  
 Oil, Gas and Mining**

Date: 12-30-91

By: [Signature]

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

SIGNED <u>[Signature]</u>	TITLE <b>Sr. Admin. Clerk</b>	DATE <b>12/18/91</b>
(This space for Federal or State office use)	Federal Approval of this Action is Necessary	
APPROVED BY	TITLE	DATE

CONDITIONS OF APPROVAL, IF ANY: Store above ground.

\*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 8, 1993

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

RE: Cottontail Federal 1-18  
Sec. 18, T9, R21E  
Uintah County, Utah

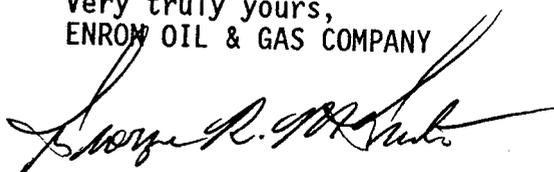
Attn: Ed Forsman:

Dear Mr. Forsman:

Please find attached 3 (three) Sundry Notices with revised wellsite diagram attached .

If you have any questions or need additional 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  
Doug Weaver/Toni Miller  
Suzanne Saldivar - Houston EB-2369  
Diane Cross - Houston EB-2370  
File

**RECEIVED**

JUN 15 1993

DIVISION OF  
OIL GAS & MINING

/lwSundry

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

U-0575

6. If Indian, Allottee or Tribe Name

UTE TRIBAL SURFACE

7. If Unit or CA, Agreement Designation

NATURAL BUTTES

8. Well Name and No.

COTTONTAIL FED. 1-18

9. API Well No.

43-047-31899

10. Field and Pool, or Exploratory Area

NBU/GREENRIVER

11. County or Parish, State

UINTAH UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

ENRON OIL & GAS COMPANY

3. Address and Telephone No.

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2033' FNL & 2122' FEL SW/NE

*Sec 18 T 9 S, R 21 E*

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other REVISED WELLSITE SCHEMATIC
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

13. 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.)\*

Attached is revised wellsite schematic for subject well.

**RECEIVED**

JUN 15 1993

DIVISION OF  
OIL GAS & MINING

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

Signed *Linda L. Wain*

Title SR. ADMIN. CLERK

Date 6/11/93

(This space for Federal or State office use)

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

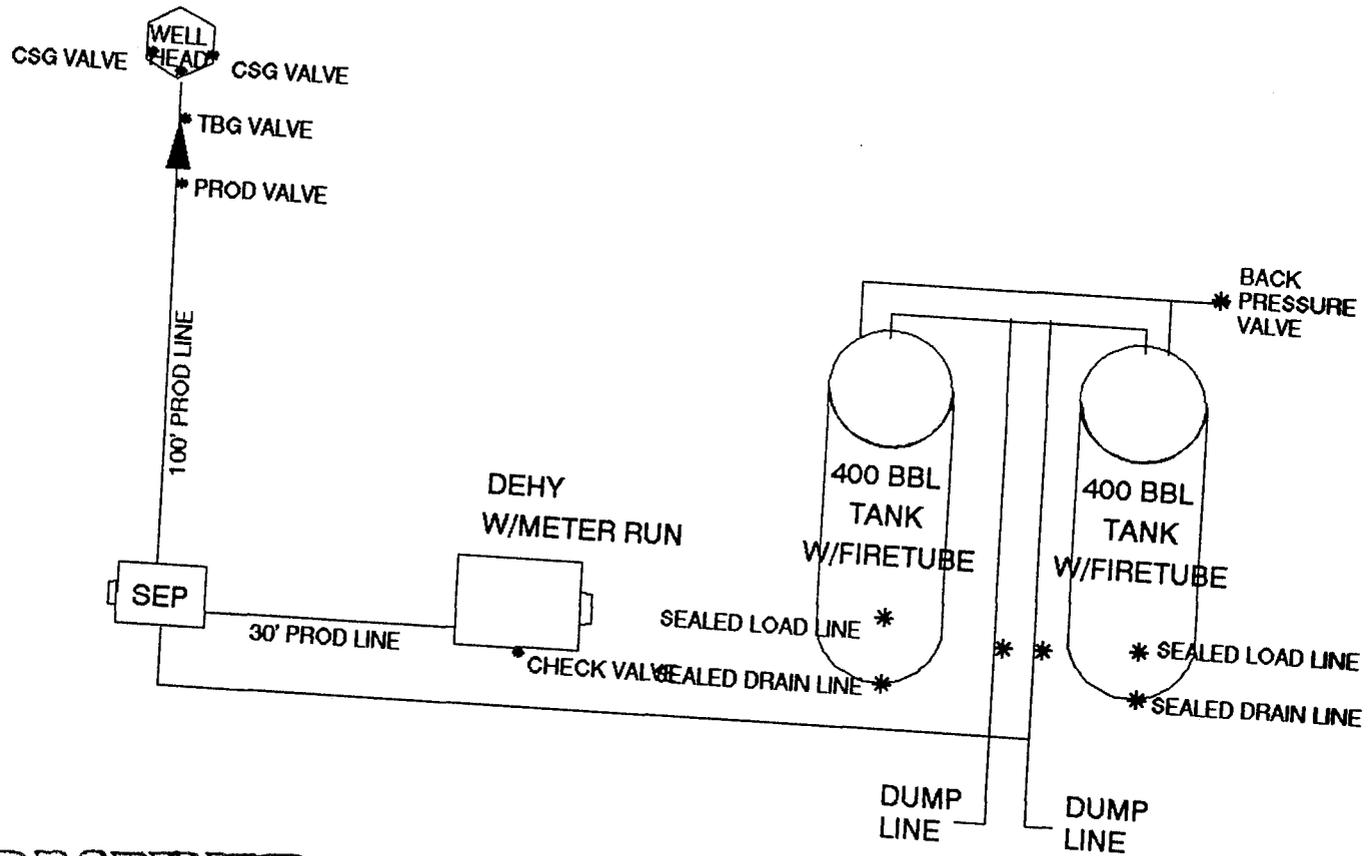
Title \_\_\_\_\_

Date \_\_\_\_\_

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.

\*See Instruction on Reverse Side

COTTONTAIL FEDERAL 1-18  
 SECTION 18, T9S, R21E SW/NE  
 UINTAH COUNTY, UTAH  
 FEDERAL LEASE NO. U-0575



CTTAILFED1-18/LW

**RECEIVED**

JUN 15 1993

DIVISION OF  
 OIL GAS & MINING

**ENRON**  
OIL & GAS COMPANY

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

July 15 1993

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

RE: COTTONTAIL FEDERAL 1-18  
SEC. 18, T9S, R21E  
UINTAH COUNTY, UTAH  
LEASE NO. U-0575

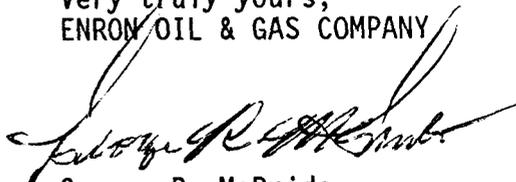
Attn: Ed Forsman:

Dear Mr. Forsman:

Please find attached 3 (three) Sundry Notices requesting approval for water disposal method.

If you have any questions or need additional information, please contact this office.

Very truly yours,  
ENRON OIL & GAS COMPANY



George R. McBride  
Sr. Production Foreman

cc: Division of Oil Gas & Mining  
Curt Parsons  
Doug Weaver/Toni Miller  
Diane Cross - Houston EB-2370  
File

/lwSundry

**RECEIVED**

JUL 21 1993

DIVISION OF  
OIL GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
U-0575

6. If Indian, Allottee or Tribe Name  
UTE TRIBAL SURFACE

7. If Unit or CA, Agreement Designation  
NATURAL BUTTES UNIT

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

ENRON OIL & GAS COMPANY

3. Address and Telephone No.

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2033' FNL & 2122' FEL SW/NE  
SEC. 18, T9S, R21E

8. Well Name and No.

COTTONTAIL FED. 1-18

9. API Well No.

43-047-31899

10. Field and Pool, or Exploratory Area

NBU/GREENRIVER

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Dispose Water

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

13. 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 requests approval to dispose of produced water from the subject well as follows:

1. Store in above ground tank.
2. Transport by truck to Enron Oil & Gas Company's Natural Buttes 21-20 SWD Plant.

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 7-26-93

By: [Signature]

**RECEIVED**

JUL 20 1993

DIVISION OF  
OIL GAS & MINING

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

Signed [Signature]

Title Sr. Admin. Clerk

Date 7/15/93

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any: Federal Approval of this Action is Necessary

Title \_\_\_\_\_ Date \_\_\_\_\_



**EOG Resources, Inc.**  
1200 Smith Street  
Houston, TX 77002

P.O. Box 4362  
Houston, TX 77210-4362

October 6, 1999

**VIA OVERNIGHT MAIL**

Ms. Kristen Risbeck  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Blanket Oil & Gas Well Drilling Bond No. JT 1230  
Merger and Name Change from Enron Oil & Gas Company  
Into EOG Resources, Inc.

Dear Ms. Risbeck:

On August 30, 1999, EOG Resources, Inc. merged with and into Enron Oil & Gas Company and Enron Oil & Gas Company changed its name to EOG Resources, Inc. Enclosed are an originally certified copy of the Certificate of Ownership and Merger evidencing this merger and name change, a Rider for Bond No. JT 1230 changing the principal to EOG Resources, Inc. and a list of wells operated by Enron Oil & Gas Company in Utah. Please update your records accordingly.

If you have any questions or need any additional information, please contact me at (713) 853-5195.

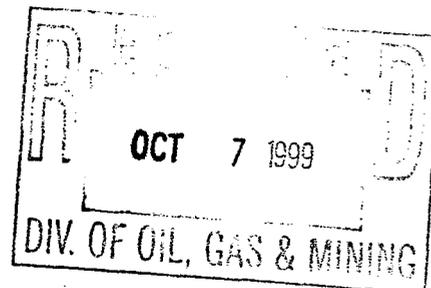
Sincerely,

A handwritten signature in cursive script that reads "Debbie Hamre".

Debbie Hamre

Enclosures

cc: Theresa Wysocki  
Toni Miller, Denver Division  
Bill Aven

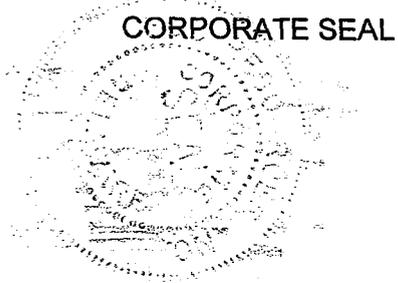


**ENRON OIL & GAS COMPANY**  
**CERTIFICATE OF NAME CHANGE**  
**TO EOG RESOURCES, INC.**

I, the undersigned, Vickie L. Graham, Assistant Secretary of EOG Resources, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware and formerly known as Enron Oil & Gas Company, hereby certify that:

- (1) as Assistant Secretary I am authorized to execute this certificate on behalf of the Corporation;
- (2) attached is a true and correct copy of a Certificate of Ownership and Merger merging EOG Resources, Inc. into Enron Oil & Gas Company, and changing the corporate name of Enron Oil & Gas Company to EOG Resources, Inc., including a copy of the certificate of the Secretary of State of Delaware, the state of incorporation; said merger and name change being effective as of August 30, 1999.

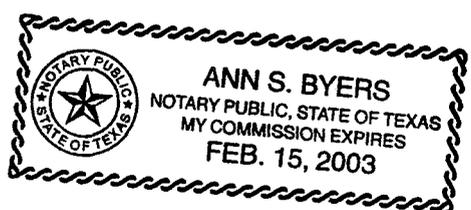
IN WITNESS WHEREOF, I have hereunto set my hand as Assistant Secretary and affixed the corporate seal of said Corporation this 4th day of October, 1999.



Vickie L. Graham  
Vickie L. Graham  
Assistant Secretary

STATE OF TEXAS  
COUNTY OF HARRIS

This instrument was acknowledged before me this 4th day of October, 1999 by Vickie L. Graham, as Assistant Secretary of EOG Resources, Inc., a Delaware corporation, on behalf of said corporation. Witness my hand and official seal.

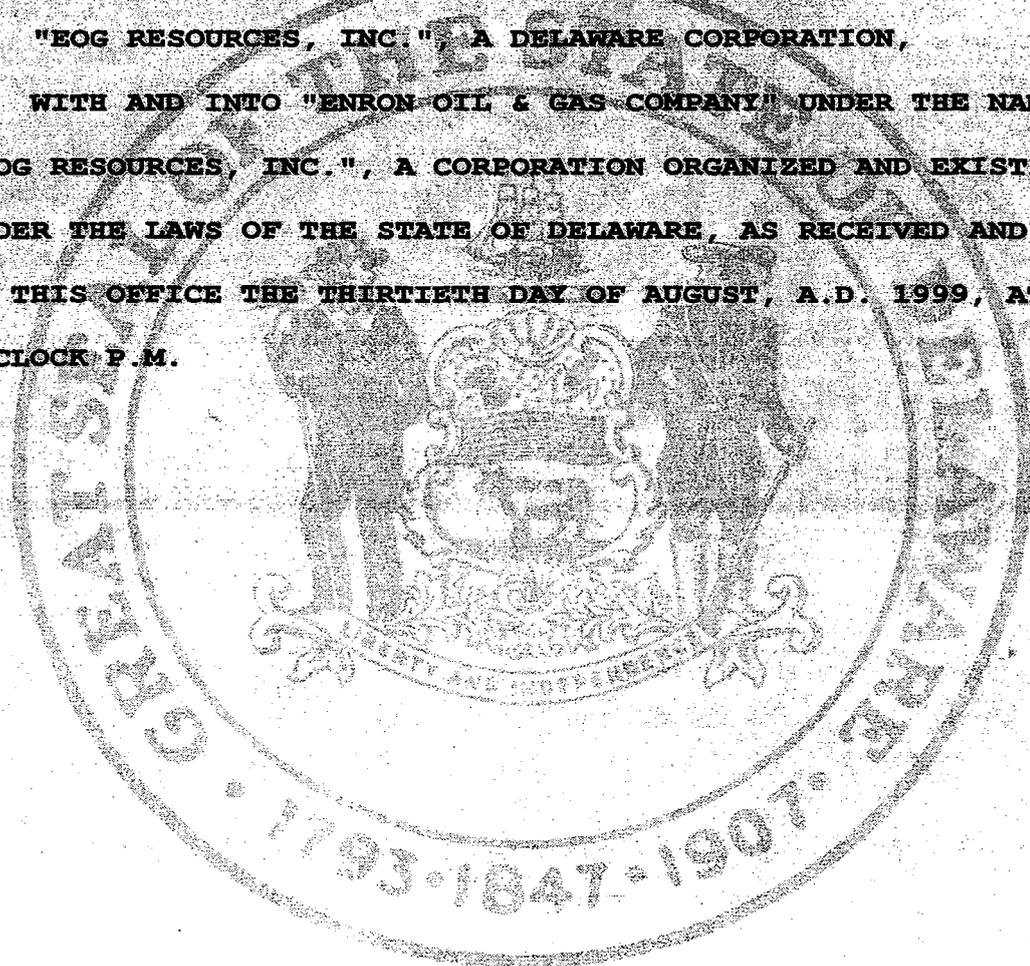


Ann S. Byers  
Notary Public in and for  
The State of Texas

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"EOG RESOURCES, INC.", A DELAWARE CORPORATION, WITH AND INTO "ENRON OIL & GAS COMPANY" UNDER THE NAME OF "EOG RESOURCES, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE THIRTIETH DAY OF AUGUST, A.D. 1999, AT 4:30 O'CLOCK P.M.



*Edward J. Freel*

Edward J. Freel, Secretary of State

2064000 8100M

991371085

AUTHENTICATION: 9955549

DATE: 09-03-99

8-30-99

**CERTIFICATE OF OWNERSHIP  
AND MERGER**

**MERGING**

**EOG RESOURCES, INC.**  
a Delaware corporation

**INTO**

**ENRON OIL & GAS COMPANY**  
a Delaware corporation

(Pursuant to Section 253 of the General Corporation  
Law of the State of Delaware)

Enron Oil & Gas Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify:

**FIRST:** That Enron Oil & Gas Company (the "Company") and EOG Resources, Inc. ("EOG") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

**SECOND:** That the Company owns all of the issued and outstanding shares of the capital stock of EOG.

**THIRD:** That the board of directors of the Company adopted the following resolutions by unanimous written consent dated August 25, 1999, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

"WHEREAS, EOG Resources, Inc., a Delaware corporation ("EOG"), is a wholly owned subsidiary of the Company;

WHEREAS, the board of directors of the Company deems it advisable and in the best interest of the Company to merge EOG with and into the Company, with the Company being the surviving corporation;

NOW, THEREFORE, BE IT RESOLVED, that EOG be merged with and into the Company pursuant to Section 253 of the General Corporation Law of the State of Delaware, and that the Company succeed to and possess all the rights and assets of EOG and be subject to all of the liabilities and obligations of EOG;

RESOLVED, that the Company change its corporate name by changing Article First of the Certificate of Incorporation of the Company to read in its entirety as follows:

"First: The name of the Corporation is EOG Resources, Inc."

RESOLVED, that each share of common stock, \$1.00 par value per share, of EOG issued and outstanding immediately prior to the effective date of the merger shall, upon the effective date and by virtue of the merger, be canceled without payment therefor;

RESOLVED, that the merger shall become effective on the date the Company files a Certificate of Ownership and Merger with respect to such merger with the Secretary of State of the State of Delaware;

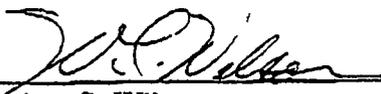
RESOLVED, that the appropriate officers of the Company are hereby authorized and empowered to file the necessary documents with the Secretary of State of the State of Delaware, to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of the Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of the Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer);

RESOLVED, that the prior actions of the officers and directors of the Company in undertaking to carry out the transactions contemplated by the foregoing resolutions be, and the same hereby are, in all respects, approved, adopted, ratified and confirmed."

IT WITNESS WHEREOF, the Company has caused this Certificate to be signed by its duly authorized officer this 26th day of August, 1999.

ENRON OIL & GAS COMPANY

By:

  
\_\_\_\_\_  
Walter C. Wilson  
Senior Vice President and  
Chief Financial Officer

BKS

**OPERATOR CHANGE WORKSHEET**

1-KDR	6-KAS
2-GLH	7-SJ
3-JRB	8-FILE
4-CDW	
5-KDR	

Attach all documentation received by the Division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (Well Sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only (MERGER)

The operator of the well(s) listed below has changed, effective: 8-30-99

**TO:(New Operator)**    EOG RESOURCES INC.  
 Address:    P.O. BOX 4362  
               HOUSTON, TX 77210-4362  
               DEBBIE HAMRE  
 Phone: (713)651-6714  
 Account No. N9550

**FROM:(Old Operator)**    ENRON OIL & GAS COMPANY  
 Address:    P.O. BOX 4362  
               HOUSTON, TX 77210-4362  
               DEBBIE HAMRE  
 Phone: (713)651-6714  
 Account No. N0401

ALL(S): Attach additional page(s) if needed.

Name: <b>**SEE ATTACHED**</b>	API: <u>43047-31899</u>	Entity: <u>11125 S 18 T 095 R 215</u>	Lease: _____
Name: _____	API: _____	Entity: _____ S    T    R	Lease: _____
Name: _____	API: _____	Entity: _____ S    T    R	Lease: _____
Name: _____	API: _____	Entity: _____ S    T    R	Lease: _____
Name: _____	API: _____	Entity: _____ S    T    R	Lease: _____
Name: _____	API: _____	Entity: _____ S    T    R	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- KDR 1. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form) on 10.7.99.
- KDR 2. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 10.7.99.
- KDR 3. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? Yes/No If yes, the company file number is \_\_\_\_\_. If no, Division letter was mailed to the new operator on \_\_\_\_\_.
- KDR 4. **Federal and Indian Lease Wells.** The BLM and/or the BIA has approved the operator change for all wells listed above involving Federal and/or Indian leases. BIM-Rec'd 10.20.99  
BIA-Rec'd 3.10.99
- N/A 5. **Federal and Indian Units.** The BLM and/or the BIA has approved the operator change for the \_\_\_\_\_ unit and all wells listed above involving unit operations. (Name change only - BIM approved)
- N/A 6. **Federal and Indian Communitization Agreements ("CA").** The BLM and/or the BIA has approved the operator change for CA (Federal,Indian), CA No. \_\_\_\_\_, and all wells listed above involved in the CA.

\* For wells located on a CA (state or fee) send a copy of the sundry notice of all wells involved to Teresa Thompson at the S.L. Office before approval.

7. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above. *\* need 1 for 43.*
- VDR 8. Changes have been entered in the **Oil and Gas Information System** for each well listed on 1.31.2000  $\frac{1}{3.16.00}$  *by DTS*
9. Changes have been entered in **RBDMS** for each water/gas injection, water disposal well listed on \_\_\_\_\_.
10. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** on \_\_\_\_\_.
- VDR 11. An **Operator Change File** has been set up, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- VDR 1. (R649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? Yes (No) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- VDR 2. Tax Commission, Trust Lands, and Forestry, Fire & State Lands have been **notified** through normal procedures of entity changes.

**BOND VERIFICATION - (FEE LEASE WELLS)**

- VDR 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond. *Rider # JT-1230 eff 10.4.99 St. Paul Fire & Marine (80,000)*
2. A **copy of this form** has been placed in the new and former operator's bond files on \_\_\_\_\_.
- VDR 3. The **FORMER** operator has requested a release of liability from their bond as of today's date No, Rider. If yes, Division response was made to this request by letter dated \_\_\_\_\_ (see bond file).

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- VDR 1. **E-mail** sent on \_\_\_\_\_ to \_\_\_\_\_ at SITLA for changes involving State leases. (Wait two weeks before changing, unless the Division hears otherwise.) *(80,000 Statewide) St. Paul Fire & Marine JP-0921*
- VDR 2. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated 2.1.2000, of their responsibility to notify all interest owners of this change.

**FILMING**

- V5 1. All attachments to this form have been **microfilmed** on APR. 25 2001.

**FILING**

1. **Copies** of all attachments pertaining to each individual well have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** have been filed in the Operator file(s).

**COMMENTS**

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



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

In Reply Refer To:  
3100  
SL-065342 et al  
(UT-932)

OCT 18 1999

### NOTICE

EOG Resources, Inc.	:	Oil and Gas Leases
Attn: Debbie Hamre	:	
P.O. Box 4362	:	
Houston, TX 77210-4362	:	

### Merger Recognized Name Change Recognized

Acceptable evidence has been received in this office concerning the merger of EOG Resources, Inc. with and into Enron Oil & Gas Company with Enron Oil & Gas Company subsequently changing its name to EOG Resources, Inc.

For our purposes, the merger and name change are recognized effective September 3, 1999, the date the Secretary of State of the State of Delaware recognized the merger and name change.

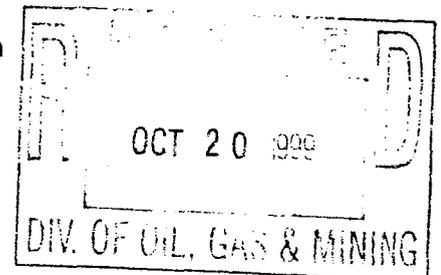
The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger/name change. The exhibit is the list supplied by EOG Resources, Inc. We have not adjudicated the case files to determine if the entity affected by the merger/name change holds an interest in the leases identified, nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger/name change by a copy of this notice. If additional documentation for a change of operator is required by our Field Offices, you will be contacted by them.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Enron Oil & Gas Company to EOG Resources, Inc. on Nationwide Surety Bond No. JP 0923 (BLM Bond No. NM 2308). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name may be furnished to the New Mexico State Office of the Bureau of Land Management.

*Robert Lopez*

Robert Lopez  
Chief, Branch of  
Minerals Adjudication

Enclosure:  
Exhibit of Leases



1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

**MONTHLY OIL AND GAS PRODUCTION REPORT**

OPERATOR NAME AND ADDRESS

PATTY E ROBINSON  
ENRON OIL & GAS CO  
PO BOX 250  
BIG PINEY, WY 83113

UTAH ACCOUNT NUMBER:     N0401    

REPORT PERIOD (MONTH/YEAR):     12 / 1999    

AMENDED REPORT  (Highlight Changes)

WELL NAME			Producing Zone	Well Status	Well Type	Days Oper	Production Volumes		
API Number	Entity	Location					OIL (BBL)	GAS (MCF)	WATER (BBL)
CWU 58-19									
4304730827	10740	09S 23E 19	WSTC		GW		U-0337		Upprv 10.20.99
NBU 37-13B									
4304730400	10853	09S 20E 13	GRRV		GW		U-0579		11
NBU 38-22B									
4304730401	10854	09S 20E 22	GRRV		GW		U-0577A		11
NBU 27-1B									
4304730381	11049	10S 20E 01	GRRV		GW		U-02270A		11
CWU 1-5									
4304730661	11050	09S 22E 05	GRRV		GW		U-15727		11
WILD HORSE FEDERAL 2-26									
4304731882	11051	10S 19E 26	WSTC		GW		U-3405		11
COTTONWOOD FED. 1-20									
4304731875	11052	09S 21E 20	GRRV		GW		U-0575		11
COTTONTAIL FEDERAL 1-18									
4304731899	11125	09S 21E 18	GRRV		GW		U-0575		11
NBU 11-14B									
4304730292	11150	09S 20E 14	GRRV		OW		U-0577A		11
NBU 12-23B									
4304730308	11151	09S 20E 23	GRRV		GW		U-0577A		11
WILD HORSE FEDERAL 2-35									
4304731901	11254	10S 19E 35	WSTC		GW		U-3405		11
WILD HORSE FEDERAL 3-26									
4304732377	11439	10S 19E 26	WSTC		GW		U-43156		11
WILD HORSE FEDERAL 3-35									
4304732389	11444	10S 19E 35	WSTC		GW		U-3405		11

TOTALS

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COMMENTS :

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

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_



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

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

February 1, 2000

Enron Oil & Gas Company  
P.O. Box 250  
Big Piney, Wyoming 83113

Re: Notification of Sale or Transfer of Fee Lease Interest

The Division has received notification of a merger from Enron Oil & Gas Company to EOG Resources Inc. for the following well(s) which are located on a fee lease:

<u>Well Name</u>	<u>Sec.-T.-R.</u>	<u>API Number</u>
Stagecoach 18-17	17-09S-22E	43-047-30611
CWU 228-09	09-09S-22E	43-047-31317
CWU 337-09	09-09S-22E	43-047-32414
CWU 408-9N	09-09S-22E	43-047-33043
CWU 536-9F	09-09S-22E	43-047-33143
North Chapita 2-5	05-09S-22E	43-047-33211
CWU 535-9F	09-09S-22E	43-047-33275

Utah Administrative Rule R649-2-10 states; the owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred.

This letter is written to advise Enron Oil & Gas Company of its responsibility to notify all individuals with an interest in this lease (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association  
Box 1292  
Roosevelt, Utah 84066

Page 2  
Enron Oil & Gas Company  
Notification of Sale  
February 1, 2000

Your assistance in this matter is appreciated.

Sincerely,



Kristen D. Risbeck

cc: EOG Resources Inc.  
Utah Royalty Owners Association, Martin Brotherson  
John R. Baza, Associate Director  
Operator File(s)



EOG Resources, Inc.  
1200 Smith Street  
Houston, TX 77002

P.O. Box 4362  
Houston, TX 77210-4362

**SENT VIA FAX**  
**(801)359-3940**

March 10, 2000

Ms. Kristen Risbeck  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, UT 84114-5801

RE: Merger and Name Change from Enron Oil & Gas Company  
Into EOG Resources, Inc.

Dear Ms. Risbeck:

On August 30, 1999, EOG Resources, Inc. merged with and into Enron Oil & Gas Company and Enron Oil & Gas Company changed its name to EOG Resources, Inc. An originally certified copy of the Certificate of Ownership and Merger evidencing this merger and name change was previously sent to you. As we discussed today, there are two wells, the CWU 590-16F, NWNW-16-T9S-R22E, 430473337200 and the CWU 596-9F, SWSE-9-T9S-R22E, 430473337400 that should have been included on the original well list we mailed October 6, 1999, but they were inadvertently left off.

Please change your records to reflect these two additional wells as operated by EOG Resources, Inc. If you have any questions or need any additional information, please contact me at the (713) 651-6714.

Sincerely,

A handwritten signature in cursive script that reads "Debbie Hamre".  
Debbie Hamre

EOG RESOURCES, INC.  
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
BRENNAN BOTTOMS 1-15	U-14639	430473101800
COTTONTAIL FED 1-18	U-0575	000721000001 430473189900
COTTONWOOD FED 1-20	U-0575	003570000001 430473187500
CWU 1-04	U-15726	003665000001 430473066000
CWU 1-05 WASATCH	U-15727	003666000001 430473066100
CWU 5-22	U-0284A	003729000001 430471505100
CWU 7-10	U-0281	003742000001 430471505300
CWU 11-15	U-0283A	003667000001 430471505600
CWU 13-13	U-0282	003669000001 430471505800
CWU 15-11	U-0281	003671000001 430471506000
CWU 16-14	U-0282	003672000001 430471506100
CWU 17-25	U-0285A	003673000001 430471506200
CWU 20-28	U-0285A	003678000001 430471506500
CWU 21-23	U-0282	003680000001 430471506600
CWU 22-09	U-0283A	003683000001 430471506700
CWU 24-02	ML-3077	003701000001 430471506800
CWU 30-22	U-0284A	003709000001 430473022900
CWU 31-14	U-0282	003710000001 430473023200
CWU 32-21	U-0284A	003711000001 430473023300
CWU 33-16	ML-3078	003712000001 430473023400
CWU 34-28	SL-D65296	003713000001 430473023500
CWU 35-15	U-0283A	003714000001 430473023600
CWU 36-26	U-0285A	003715000001 430473026300
CWU 37-11	U-0281	003716000001 430473026400
CWU 38-09	U-0283A	003717000001 430473026500
CWU 39-16	ML-3078	003718000001 430473026800
CWU 40-27	U-0344A	003719000001 430473028700
CWU 42-13	U-0282	003721000001 430473028900
CWU 43-11	U-0281	003722000001 430473029000
CWU 44-10	U-0281	003723000001 430473029100
CWU 45-25	U-010956	003724000001 430473061200
CWU 47-30	U-0337	003726000001 430473061400
CWU 48-19	U-0337	003727000001 430473061500
CWU 49-25	U-0285A	003728000001 430473070200
CWU 52-33	U-0336	003732000001 430473071200
CWU 58-19	U-0337	003738000001 430473082700
CWU 217-23	U-0282	003681000001 430473115700
CWU 220-10	U-0281	003684000001 430473115400
CWU 224-10	U-0281	003685000001 430473121800
CWU 225-02	ML-3077	003686000001 430473130500
CWU 226-03	U-0281	003687000001 430473131200
CWU 227-03	U-0281	003688000001 430473131300
CWU 228-09	FEE	003689000001 430473131700
CWU 229-12	U-0282	003690000001 430473131500
CWU 231-14	U-0282	003692000001 430473131800

EOG RESOURCES, INC.  
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #	
CWU 232-15	U-0283A	003693000001	430473130900
CWU 233-15	U-0283A	003694000001	430473132000
CWU 234-23	U-0282	003695000001	430473131900
CWU 236-13 BC	U-0282	003697000001	430473139300
CWU 236-13 PP		003697000002	430473139300
CWU 237-22	U-0284	003698000001	430473139200
CWU 238-16	ML-3078	003699000001	430473138500
CWU 239-09	U-0283A	003700000001	430473148300
CWU 240-16	ML-3078	003702000001	430473147100
CWU 241-16	ML-3078	003703000001	430473147200
CWU 244-25A CH	U-0285A	003707000002	430473155900
CWU 244-25A ISL		003707000001	430473155900
CWU 301-26	U-010956	019747000001	430473200200
CWU 302-2F	ML-3077	020089000001	430473321200
CWU 303-22	U-0284A	019748000001	430473200000
CWU 304-13	U-0282	019749000001	430473199900
CWU 306-27	U-0285A	021166000001	430473217500
CWU 307-28	U-0285A	021167000001	430473217600
CWU 308-21	U-0284A	021168000001	430473220000
CWU 310-9	U-0283A	024129000001	430473243900
CWU 311-26	U-0285A	021169000001	430473218000
CWU 312-23	U-0282	020022000001	430473209100
CWU 315-11F	U-0281	032567000001	430473332600
CWU 319-14	U-0282	020023000001	430473209600
CWU 320-11X	U-0281	024130000001	430473244800
CWU 321-26	U-0285A	020025000001	430473210000
CWU 323-22	U-0284A	020024000001	430473210100
CWU 324-22	U-0284A	021172000001	430473220800
CWU 325-24N	U-0282	031378000001	430473306600
CWU 326-24	U-0282	021628000001	430473227700
CWU 327-23	U-0282	021629000001	430473231900
CWU 328-24F	U-0282	032254000001	430473332100
CWU 332-10	U-0281	024131000001	430473243100
CWU 334-02	ML-3077	021630000001	430473231800
CWU 337-9N	FEE	021631000001	430473241400
CWU 339-25	U-010956	021173000001	430473220600
CWU 340-26N	U-0285A	024133000001	430473241900
CWU 341-21N	U-0284A	022029000001	430473237100
CWU 342-22	U-0284A	021198000001	430473221000
CWU 343-15N	U-0283A	022030000001	430473236900
CWU 344-23N	U-0282	022031000001	430473237000
CWU 345-9N	U-0283A	022032000001	430473237200
CWU 346-26N	U-0285A	022033000001	430473236800
CWU 347-26N	U-010956	022034000001	430473236700
CWU 348-23N	U-0282	022035000001	430473237300

EOG RESOURCES, INC.  
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
CWU 349-27N	U-0285A	022036000001
CWU 350-14N	U-0282	022037000001
CWU 351-15N	U-0283A	022038000001
CWU 352-16	ML-31603	032569000001
CWU 353-15F	U-0283A	025923000001
CWU 355-13N	U-0282	025926000001
CWU 358-23F	U-0282	025924000001
CWU 359-27N	U-0285A	024135000001
CWU 360-26N	U-0285A	024136000001
CWU 364-15	U-0283A	024138000001
CWU 401-28F	U-0285A	031398000001
CWU 403-3N	U-0281	025124000001
CWU 404-10N	U-0281	025125000001
CWU 407-16N	ML-3078	032570000001
CWU 408-09N	FEE	030439000001
CWU 409-11N	U-0281	025927000001
CWU 410-02N	ML-3077	030389000001
CWU 411-10N	U-0281	025126000001
CWU 416-24N	SL-071756	025127000001
CWU 429-22N	U-0284A	025129000001
CWU 430-22F	U-0284A	025130000001
CWU 431-23F	U-0282	025131000001
CWU 432-12N	U-2081	025123000001
CWU 433-28N	U-0285A	002592900001
CWU 434-27N	*43.047.32789 U-0285A	025930000001
CWU 435-24N	U-0282	025931000001
CWU 439-11N	U-0281	025932000001
CWU 440-14F	U-0282	025925000001
CWU 441-11F	U-0281	032571000001
CWU 442-11F	U-0281	030577000001
CWU 443-11F	U-0281	027627000001
CWU 448-10F	U-0281	030440000001
CWU 449-10F	U-0281	030666000001
CWU 451-14F	U-0282	027628000001
CWU 454-14F	U-0282	030441000001
CWU 457-15N	U-0283A	030667000001
CWU 458-15F	U-0283A	030668000001
CWU 460-16F	ML-3078	032572000001
CWU 462-24F	SL-071756	032255000001
CWU 463-23F	U-0282	027629000001
CWU 464-23F	U-0282	032573000001
CWU 465-23	U-0282	030669000001
CWU 467-22F	U-0284A	030390000001
CWU 469-22E	U-0284A	027630000001
CWU 471-21F	U-0284A	031399000001

LA in ERROR

EOG RESOURCES, INC.  
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #	
CWU 474-21F	U-0284A	032574000001	430473333100
CWU 477-27F	U-0285A	030391000001	430473289700
CWU 479-26F	U-0285A	027631000001	430473282600
CWU 480-26F	U-0285A	030388000001	430473289600
CWU 482-09F	U-0283A	030392000001	430473289400
CWU 483-15F	U-0283A	030665000001	430473295300
CWU 485-26F	U-0285A	030670000001	430473292700
CWU 486-2F	ML-3077	030576000001	430473294900
CWU 487-09F	U-0283A	030617000001	430473295000
CWU 488-13F	U-0282	030570000001	430473292200
CWU 490-16N	ML-3078	030615000001	430473295500
CWU 491-16N	ML-3078	030618000001	430473295600
CWU 492-16F	ML-3078	030616000001	430473295700
CWU 494-22F	U-0284A	030444000001	430473291500
CWU 495-25N	U-0285A	030673000001	430473304700
CWU 496-21E	U-0284A	030614000001	430473295800
CWU 497-24F	U-0282	030674000001	430473304600
CWU 498-25E	U-010956	030575000001	430473304800
CWU 499-24F	U-0282	030672000001	430473292600
CWU 505-28F	U-023998	031400000001	430473318000
CWU 506-27F	U-0285A	031401000001	430473283300
CWU 507-26F	U-010956	032444000001	430473333200
CWU 511-24F	U-0282	031379000001	430473305900
CWU 514-23F	U-0282	031380000001	430473305800
CWU 516-21F	U-0284A	031382000001	430473313700
CWU 517-16F	ML-3078	032257000001	430473317100
CWU 518-16F	ML-3078	031402000001	430473313800
CWU 520-15F	U-0283A	031381000001	430473312700
CWU 521-15F	U-0283A	032258000001	430473329600
CWU 522-15F	U-0283A	032242000001	430473323600
CWU 523-14F	U-0282	032259000001	430473329700
CWU 524-13F	U-0282	031403000001	430473311500
CWU 531-11F	U-0281	032260000001	430473329800
CWU 532-10F	U-0281	031407000001	430473326500
CWU 534-9F	U-0283A	031408000001	430473327400
CWU 535-9F	FEE	032220000001	430473327500
CWU 536-09F	FEE	031409000001	430473314300
CWU 538-3N	U-0281	031410000001	430473312500
CWU 542-3	U-0281	032221000001	430473321300
CWU 543-3	U-0281	032222000001	430473327100
CWU 544-02F	ML-3077	032576000001	430473335100
CWU 547-2F	ML-3077	031412000001	430473313600
CWU 549-19F	U-0337	031383000001	430473306800
CWU 550-30N	U-0337	031384000001	430473311600
CWU 555-10F	U-0281	031385000001	430473323700

EOG RESOURCES, INC.  
UTAH OPERATED WELLS

WELL NAME		EOG PROPERTY #	API #
CWU 556-11F	U-0281	031414000001	430473330100
CWU 558-14F	U-0282	031386000001	430473310500
CWU 559-14F	U-0282	031387000001	430473310600
CWU 560-14F	U-0282	031416000001	430473311700
CWU 561-14F	U-0282	031417000001	430473311800
CWU 563-27F	U-0285A	031419000001	430473276900
CWU 564-16F	ML-3078	031388000001	430473312600
CWU 565-28F	U-0285A	031245000001	430473306700
CWU 566-22F	U-0284A	031420000001	430473311900
CWU 570-02F	ML-3077	031746000001	430473335200
CWU 571-9F	U-0283A	031747000001	430473326600
CWU 572-10F	U-0281	031748000001	430473326700
CWU 573-11F	U-0281	031749000001	430473330200
CWU 574-12N	U-0281	031750000001	430473330300
CWU 575-13F	U-0282	031751000001	430473331600
CWU 576-14F	U-0283	031752000001	430473321500
CWU 577-22F	U-0284A	031753000001	430473332700
CWU 578-22F	U-0284A	031754000001	430473331700
CWU 579-23F	U-0282	031755000001	430473331800
CWU 580-23F	U-0282	031756000001	430473331900
CWU 582-1N	U-01458	031758000001	430473323500
CWU 584-13F	U-0282	032261000001	430473332200
CWU 585-2	ML-3077	032223000001	430473321600
CWU 586-4	U-0283A	032224000001	430473326800
CWU 589-28	U-0285A	032262000001	430473332800
CWU 591-23F	U-0282	032577000001	430473332000
CWU 592-11F	U-0281	032578000001	430473332900
CWU 593-11F	U-0281	032579000001	430473335400
DC 1-11 GR	U-27042	003747000001	430473032600
DC 2-10 GR	U-27042	003758000001	430473043400
DC 4-17 GR	U-38400	003780000001	430473064200
DC 60-29	U-24230	003804000001	430473109300
DC 61-29	U-24230	003805000001	430473126300
* HARLEY GOVT #1	Return USU 7/22	009856000001	430191504600
HOME FEDERAL #1-34	U-3405	006503000001	430473022300
HOME FEDERAL #1-34 WAS	—	006503000002	430473022300
LTL PAP 1-26 B5	U-43150	010439000001	430473177900
LTL PAP 1-26 RED	—	010439000002	430473177900
N CHAPITA 2-5	fill	031873000001	430473321100
NATURAL COTTON 11-20	U-0575	023868000001	430473243000
NATURAL COTTON 12-17	U-0575	025208000001	430473246300
NATURAL COTTON 13-20	U-0575	023863000001	430473242900
NATURAL COTTON 14-08	U-0575	023867000001	430473242800
NATURAL COTTON 23-18	U-0581	023866000001	430473242700
NATURAL COTTON 23-28	U-0576	023864000001	430473242500

EOG RESOURCES, INC.  
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
NATURAL COTTON 34-21	U-0576 023865000001	430473242600
NATURAL COTTON 43-16	ML-3282 025207000001	430473046800
NBU 1-07B	004478000001	430473026100
NBU 2-15B	004489000001	430473026200
NBU 3-02B	004524000001	430473026700
NBU 4-35B	004538000001	430473027300
NBU 5-36B	004550000001	430473027200
NBU 7-09B	004573000001	430473027800
NBU 8-20B	004576000001	430473027500
NBU 10-29B	004479000001	430473027400
NBU 11-14B	U-0577A 004480000002	430473029200
NBU 11-14B WAS	—	430473029200
NBU 12-23B M4	U-0577A 004481000002	430473030800
NBU 13-08B	004482000001	430473029400
NBU 14-30	U-0581 004483000001	430473029500
NBU 15-29B	004484000001	430473029600
NBU 16-06B	004485000001	430473031600
NBU 17-18B	004486000001	430473031700
NBU 19-21B	004488000001	430473032800
NBU 20-01B	004490000001	430473031900
NBU 21-20B WDW	004497000001	430473035900
NBU 25-20B	004516000001	430473036300
NBU 26-13B	004517000001	430473036400
NBU 27-01B	U-02270A 004518000002	430473038100
NBU 28-04B	004521000001	430473036700
NBU 29-05B	004523000001	430473036800
NBU 30-18	004526000001	430473038000
NBU 31-12B BC	004528000002	430473038500
NBU 31-12B ISL	— 004528000001	430473038500
NBU 33-17B	004531000001	430473039600
NBU 34-17B	000350000001	430473040400
NBU 35-08B	004533000001	430473039700
NBU 36-07B	004534000001	430473039900
NBU 37-13B	U-0579 004535000001	430473040000
NBU 38-22B	U-0577A 004536000001	430473040100
NBU 48-29B	004547000001	430473054200
NBU 48-29B	— 004547000002	430473054200
NBU 49-12B	004548000001	430473047000
NBU 52-01B	004553000001	430473047300
NBU 53-03B	004555000001	430473047400
NBU 54-02B	004556000001	430473047500
NBU 55-10B	004557000001	430473046500
NBU 57-12B	004559000001	430473046300
NBU 58-23B	004560000001	430473046200
NBU 62-35B	004565000001	430473047700

EOG RESOURCES, INC.  
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
NBU 63-12B	004566000001	430473046600
NBU 70-34B	004574000001	430473057700
NBU 71-26B	004575000001	430473057800
NBU 202-03	004493000001	430473115000
NBU 205-08	004494000001	430473123800
NBU 206-09	004495000001	430473116500
NBU 207-04	004496000001	430473117700
NBU 210-24	004498000001	430473115300
NBU 211-20	004499000001	430473115600
NBU 212-19	004500000001	430473126700
NBU 213-36	004501000001	430473126800
NBU 217-02	004505000001	430473128200
NBU 218-17	004506000001	430473131000
NBU 219-24	004507000001	430473130800
NBU 301-24E	020165000001	430473213100
NBU 302-9E	019750000001	430473201000
NBU 304-18E	020166000001	430473213000
NBU 305-07E	020167000001	430473213500
NBU 306-18E	021473000001	430473228200
NBU 307-6E	019751000001	430473201400
NBU 308-20E	021203000001	430473220200
NBU 309-20E	021295000001	430473228300
NBU 311-23E	021205000001	430473220300
NBU 313-29E	021832000001	430473237800
NBU 314-03E	021404000001	430473227100
NBU 316-17E	021935000001	430473238100
NBU 317-12E	021938000001	430473236200
NBU 318-36E	021204000001	430473220400
NBU 321-10E	021943000001	430473237900
NBU 322-15E	031312000001	430473313900
NBU 325-8E	021940000001	430473237600
NBU 328-13E	021944000001	430473238600
NBU 329-29E	021532000001	430473222900
NBU 331-35E	020174000001	430473214700
NBU 332-08E	020175000001	430473214800
NBU 333-2E	021405000001	430473251800
NBU 335-23E	021406000001	430473226500
NBU 336-24E	021407000001	430473226400
NBU 339-19E	021533000001	430473228100
NBU 340-20E	021408000001	430474232700
NBU 341-29E	022179000001	430473305500
NBU 342-35E	021206000001	430473221200
NBU 343-36E	021207000001	430473220500
NBU 349-07E	021534000001	430473232600
NBU 352-10E	021937000001	430473251900

EOG RESOURCES, INC.  
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
NBU 356-29E	021834000001	430473238300
NBU 358-1E	021942000001	430473238800
NBU 360-13E	021945000001	430473238700
NBU 382-18E	031002000001	430473306400
NBU 386-24E	031005000001	430473305600
NBU 388-19E	031134000001	430473305700
NBU 389-29E	031344000001	430473304900
NBU 390-4E	031316000001	430473283500
NBU 391-05E	031007000001	430473298800
NBU 393-13E	031008000001	430473307100
NBU 394-13E	031009000001	430473307200
NBU 400-11E	025576000001	430473254400
NBU 431-09E	031135000001	430473306900
NBU 481-03E	031136000001	430473306300
NBU 483-19E	031137000001	430473306500
NBU 489-07E	031329000001	4304733121
NBU 490-30E	<i>Appl. U-0581</i> 031330000001	430473313500
NBU 497-1E	031337000001	430473312300
NBU 506-23E	031342000001	430473314000
NBU 508-8E	031300000001	430473312400
NBU STATE 1-32G	<i>ML-22261</i> 004470000001	430473031500
NBU STATE 2-36G	004471000001	430473051500
NDC 69-29 ORI	<i>U-24230</i> 010915000001	430473158000
NDK STORAGE	024739000001	
NDU 1-28	<i>U-0576</i> 004581000001	430473126900
OSCU II 1-34	<i>U-49623</i> 019777000001	430473203900
OSCU II 2-27 (DEV)	<i>U-49518</i> 001727000001	430473189800
OSCU II FED #1	<i>U-49518</i> 011041000001	430473172200
STG 1-32	<i>ML-3085</i> 005915000001	430471507100
STG 2-28	<i>U-0803</i> 005928000001	430471507200
STG 6-20	<i>Indian</i> 005936000001	430471507500
STG 11-22	<i>U-025960</i> 005919000001	430472019300
STG 14-34	<i>U-9613</i> 005922000001	430473059400
STG 15-27	<i>U-0803</i> 005923000001	430473060400
STG 18-17	<i>Fee</i> 005926000001	430473061100
STG 19-33	<i>U-9613</i> 005927000001	430473065700
STG 21-08	<i>U-0283</i> 005930000001	430473065900
STG 22-17	<i>Indian</i> 005931000001	430473129900
STG 33-17N	<i>Indian</i> 024128000001	430473244100
STG 41-20	<i>U-019362A</i> 021175000001	430473228000
STG 44-8N	<i>U-0283</i> 025122000001	430473252000
STG 48-17F	<i>Indian</i> 031389000001	430473272800
STG 50-20F	<i>U-019362</i> 031390000001	430473310400
STG 51-20F	<i>Indian</i> 031391000001	430473312000
STG 52-08N	<i>U-0283</i> 031745000001	430473283400

EOG RESOURCES, INC.  
 UTAH OPERATED WELLS

WELL NAME		EOG PROPERTY #	API #
STG 53-08N	<i>U-0283</i>	032264000001	430473268200
STG 56-20F	<i>Indian</i>	032265000001	430473337000
STG 57-08N	<i>U-0283</i>	032266000001	430473337100
WILD HORSE FED 2-26	<i>U-3405</i>	008266000001	430473188200
WILD HORSE FED 2-35	<i>U-3405</i>	019139000001	430473190100
WILD HORSE FED 3-26	<i>U-43150</i>	021869000001	430473237700
WILD HORSE FED 3-35	<i>U-3405</i>	021871000001	430473238900

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU0575

6. If Indian, Allottee or Tribe Name  
Ute Indian Tribe

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well  
 Oil Well  Gas Well  Other

7. If Unit of CA/Agreement, Name and/or No.

2. Name of Operator  
EOG Resources, Inc.

8. Well Name and No.  
Cottontail Federal 1-18

3a. Address  
1060 East Highway 40 Vernal, UT 84078

3b. Phone No. (include area code)  
435-781-9111

9. API Well No.  
43-047-31899

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2033 FNL - 2122 FEL (SWNE)  
Section 18, T9S, R21E S.L.B.&M.

10. Field and Pool or Exploratory Area  
Natural Buttes

11. Country or Parish, State  
Uintah, UT

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests Temporarily Abandonment (TA) status for the referenced well. EOG is currently reviewing the well for recompleat potential, and will submit a request to recompleat or plug abandon within 90 days.

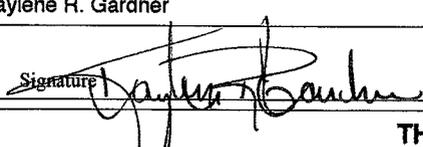
**COPY SENT TO OPERATOR**

Date: 7-16-2008

Initials: KS

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed)  
Kaylene R. Gardner

Title Lead Regulatory Assistant

Signature 

Date 06/30/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice 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.

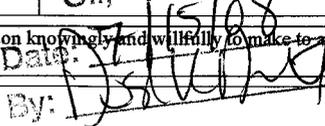
Title Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

Date: 7/15/08

By: 

RECEIVED

JUL 03 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU0575

6. If Indian, Allottee or Tribe Name  
Ute Indian Tribe

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

7. If Unit of CA/Agreement. Name and/or No.

1. Type of Well

Oil Well  Gas Well  Other

8. Well Name and No.  
Cottontail Federal 1-18

2. Name of Operator  
EOG Resources, Inc.

9. API Well No.  
43-047-31899

3a. Address  
1060 East Highway 40 Vernal, UT 84078

3b. Phone No. (include area code)  
435-781-9111

10. Field and Pool or Exploratory Area  
Natural Buttes

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2033 FNL - 2122 FEL (SWNE)  
Section 18, T9S, R21E S.L.B.&M.

11. Country or Parish, State  
Uintah, UT

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. respectfully requests authorization to Plug and Abandon the referenced well as per the attached procedure.

**COPY SENT TO OPERATOR**

Date: 10/14/2008

Initials: KS

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Date: 10/6/08

By: [Signature]

\*In accordance with Cause No. 190-5(b) a 200' plug shall be balanced across the base of the Parachute Creek member from 3100' to 2900'

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

Name (Printed/Typed)  
Mickenzie Thacker

Title Operations Clerk

Signature

[Signature: Mickenzie Thacker]

Date 09/09/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice 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.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**RECEIVED**

(Instructions on page 2)

**SEP 15 2008**

**DIV. OF OIL, GAS & MINING**

## PLUG & ABANDON PROGRAM

Cottontail Fed. 1-18  
2033' FNL & 2122' FEL (SW/NE)  
Section 18, T9S, R21E  
Uintah County, Utah

August 20, 2008  
EOG WI: 100.00%  
NRI: 84.625%  
API# 43-047-31899  
AFE# 306661

### WELL DATA:

ELEVATION: 4736' GL KB: 4751' (15'KB)

TOTAL DEPTH: 5169' PBTD: 5110'

CASING: 8-5/8", 24#, K-55 set @ 224' KB. Cemented w/175 sxs Class 'G', 12 bbls to surface.  
5 1/2", 17#, K-55 set @ 5169' KB. Cemented w/365 sxs Pacesetter light, followed by 330 sxs 50/50 Pozmix.

TUBING: 2-3/8" Pup jt.  
XN Nipple  
2 3/8" Pup jt.  
157 jts. 2-3/8", 4.7#, J-55 EUE tubing  
Landed @ 4874' KB

PERFORATIONS: 4799'-4821'

CEMENT TOP: 1030'

### PROCEDURE:

1. MIRU SU. ND wellhead. NU BOPE. POH with tubing.
2. PU 4 3/4" bit and 5 1/2" scraper. RIH to 4775'. POH and lay down tools.
3. PU CIBP. RIH to 4750'. Set CIBP at 4750' +/- . RU cement company. Spot 5 sxs of class "G" w/2% CaCl<sub>2</sub> on top of CIBP. PUH filling the casing with 9 ppg brine to 1805'.
4. RU cement company. Spot 23 sxs of class "G" w/2% CaCl<sub>2</sub> cement plug from 1605' to 1805', 100' above Green River formation top.
5. PUH filling casing with 9 ppg brine to 250'. POOH.

6. RUWL. Shoot four squeeze holes at 250' using a 3 1/8" HSC ported gun, 12 gram charges, 90 degree phase. RDWL.
7. Pump down the 5 1/2" casing trying to establish circulation from 250' up the 5 1/2" X 8 5/8" casing annulus.
8. Pump 80 sxs of Class "G" w/ 2% CaCl<sub>2</sub> down the 5 1/2" casing. Should circulate out 2 bbls of cement, leaving 5 1/2" casing full. If necessary do a top off job.
9. Cut of casing head. Weld on marker plate  $\pm$  3' below ground level. Remove anchors and backfill over the marker.

PREPARED BY: \_\_\_\_\_  
J.H. Kennah, Production Engineering Specialist

APPROVED BY: \_\_\_\_\_  
P.T. Pendleton, Operations Manager

**WELLBORE DIAGRAM**

Operator: EOG Resources, Inc.  
 Field Name: Natural Buttes Unit  
 Well Name: Cottontail Federal 1-18  
 Location: 2033' FNL & 2122' FEL (SW NE) Sec. 18-T9S-R21E  
 County: Uintah  
 API #: 4304731899  
 Date: 1/11/95

GL: 4737'

KB: 4752'

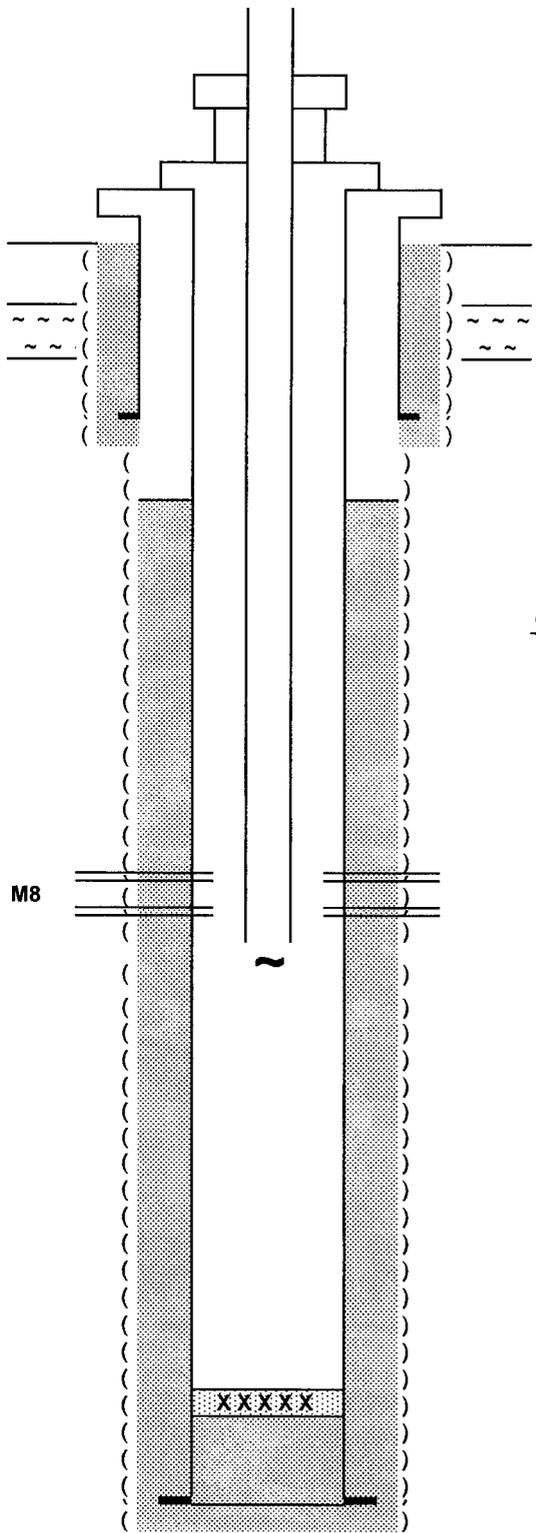
Spud Date: 10/22/90

Completion Date: 12/5/90

Surface Casing: 8-5/8", 24#, K-55 @ 224'  
w/175 sx Class G cmt

Original Completion:

Formation:	Perforations:	Treatment:
<u>Green River M8</u>	<u>4799'-4821' (4 SPF)</u>	<u>37,464 gals gelled 3% KCL water</u> <u>w/103,000# 20/40 sand</u>



DST's & Cores: \_\_\_\_\_

Tubing: 2-3/8" @ 4874'

Packer: \_\_\_\_\_

PBTD: 5110'

Production Casing: 5-1/2", 17#, K-55 @ 5169'  
w/365 sx Lite cmt followed by  
330 sx 50-50 Pozmix cmt

TD: 5169'

PJA

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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5. Lease Serial No.  
UTU0575

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Ute Indian Tribe

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

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1. Type of Well

Oil Well     Gas Well     Other

8. Well Name and No.  
Cottontail Federal 1-18

2. Name of Operator  
EOG Resources, Inc.

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43-047-31899

3a. Address  
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3b. Phone No. (include area code)  
435-789-0790

10. Field and Pool or Exploratory Area  
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4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
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Section 18, T9S, R21E S.L.B.&M.

11. Country or Parish, State  
Uintah, UT

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. Plugged and Abandoned the referenced well as per the attached well chronology report. An underground marker was installed 3 feet below ground level on 4/2/2009.

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

Name (Printed/Typed)  
Mickenzie Thacker

Title Operations Clerk

Signature

Date 04/15/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice 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.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

RECEIVED

APR 21 2009

DIV. OF OIL, GAS & MINING

## WELL CHRONOLOGY REPORT

Report Generated On: 04-15-2009

<b>Well Name</b>	COTTONTAIL FED 1-18	<b>Well Type</b>	P&A	<b>Division</b>	DENVER
<b>Field</b>	NATURAL BUTTES	<b>API #</b>	43-047-31899	<b>Well Class</b>	P&A
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	10-22-1990	<b>Class Date</b>	12-02-1990
<b>Tax Credit</b>	N	<b>TVD / MD</b>	5,169/ 5,169	<b>Property #</b>	001721
<b>Water Depth</b>	0	<b>Last CSG</b>	2.375	<b>Shoe TVD / MD</b>	0/ 0
<b>KB / GL Elev</b>	4,751/ 4,736				
<b>Location</b>	SECTION 18, T9S, R21E, SW/NE, 2033' FNL & 2122' FEL				

<b>Event No</b>	2.0	<b>Description</b>	Cottontail Federal 1-18 --- P&A		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	100.0	<b>NRI %</b>	84.625

<b>AFE No</b>	306661	<b>AFE Total</b>	59,200	<b>DHC / CWC</b>	59,200/ 0
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<b>Rig Contr</b>	ROYAL WELL SERVICE	<b>Rig Name</b>	ROYAL #1	<b>Start Date</b>	03-26-2009	<b>Release Date</b>	
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03-26-2009      **Reported By**      CYNTHIA HANSELMAN

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0

<b>MD</b>	5,169	<b>TVD</b>	5,169	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
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**Formation :** GREEN RIVER M8      **PBTD :** 5110.0      **Perf :** 4799-4821      **PKR Depth :** 0.0

**Activity at Report Time: LOCATION DATA**

Start	End	Hrs	Activity Description
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06:00	06:00	24.0	LOCATION DATA 2033' FNL & 2122' FEL (SW/NE) SECTION 18, T9S, R21E UINTAH COUNTY, UTAH
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TD: 5169' GREEN RIVER  
DW/GAS  
DD&A FIELD: NB M SANDS  
NATURAL BUTTES FIELD

LEASE: UTU-0575

ELEVATION: 4736.7' NAT GL, 4736.0' PREP GL (DUE TO ROUNDING 4736' IS THE PREP GL), 4751' KB (15')

EOG BPO WI 100%, NRI 84.625%

03-31-2009      **Reported By**      BAUSCH

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$13,137	<b>Daily Total</b>	\$13,137
<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$13,137	<b>Well Total</b>	\$13,137

<b>MD</b>	5,169	<b>TVD</b>	5,169	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
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Formation : GREEN RIVER M8 PBDT : 5110.0 Perf : 4799-4821 PKR Depth : 0.0

Activity at Report Time: MIRUSU. PREP TO P&A WELL

Start	End	Hrs	Activity Description
07:00	17:30	10.5	MIRUSU. HOLD SAFETY MTG. SITP 50 PSIG. CP 125 PSIG. BLOW WELL DN. RU HOT OILER. FLUSH TBG W 50 BLS 180 DEGREE WTR. FUSH CSG W 80 BLS 180 DEGREE WTR. ND WH. NU BOP. POH W TBG. MU 5 1/2" SCRAPER & 3 1/2" BIT. RIH TALLYING TBG. RIH TO 4820'.RU HOT OILER FLUSH CSG W 60 BLS 180 DEGREE WTR. RD HOT OILER. POH W TBG. LD 3 JTS & SCRAPER. SIFN.

04-01-2009 Reported By BAUSCH

DailyCosts: Drilling \$0 Completion \$10,977 Daily Total \$10,977

Cum Costs: Drilling \$0 Completion \$24,114 Well Total \$24,114

MD 5,169 TVD 5,169 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : GREEN RIVER M8 PBDT : 5110.0 Perf : 4799-4821 PKR Depth : 0.0

Activity at Report Time: P&A

Start	End	Hrs	Activity Description
07:00	17:30	10.5	SICP 0 PSIG. RIH W/5-1/2" CMT RETAINER. SET @ 4753'. TEST TBG TO 200 PSIG. TEST CSG TO 200 PSIG. SPOTTED 25 SKS CLASS G CMT ON TOP OF RETAINER. POH TO 4541'. REVERSED OUT CMT OUT OF TBG. SPOTTED 66 BLS 10 # BRINE FROM 4541' TO 1703'. LD 99 JTS.  RU HALLIBURTON. PUMPED 23 SXS CLASS G CMT FROM 1702' TO 1505'. POH 6 JTS REVERSED CMT OUT OF TBG. SPOTTED 4 BLS 10 # BRINE FROM 1505' TO 1350'. POH TO 1361'. RU HALLIBURTON. SPOTTED 23 SXS CLASS G CMT FROM 1361' TO 1150'. POH TO 1148'. REVERSED CMT OUT OF TBG. SPOTTED 26 BLS 10# BRINE FROM 1148' TO SURFACE. POH. LD REST OF TBG. RUWL. PERFORATE 5 -2" CSG @ 250'. GET INJECTION RATE. RDWL. DIG OUT AROUND CELLAR. GET SURFACE CSG OPEN. RU HALLIBURTON. PUMPED 5 BLS WTR BROKE CIRCULATION. PUMPED 120 SXS CLASS G CMT DN 5 1/2" AND 8 5/8" CSG . CSG WOULD NOT FILL . ND BOP. CUT OFF TBG HEAD. LET CMT CURE OVERNIGHT. SDFN.

04-02-2009 Reported By BAUSCH

DailyCosts: Drilling \$0 Completion \$15,989 Daily Total \$15,989

Cum Costs: Drilling \$0 Completion \$40,103 Well Total \$40,103

MD 5,169 TVD 5,169 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : GREEN RIVER M8 PBDT : 5110.0 Perf : 4799-4821 PKR Depth : 0.0

Activity at Report Time: FISH P&A.

Start	End	Hrs	Activity Description
07:00	14:00	7.0	PUMPED 50 SXS CLASS G CMT W 2% CC, 1.5 YIELD TO TOP OF 8 5/8" & 5 1/2" CSG. RD HALLIBURTON. WELD ON DRY HOLE MARKER PLATE. FILL IN CELLAR. CUT OFF AN COVER ANCHORS. COVER PIT. FINAL REPORT.