

ENRON

OIL & GAS COMPANY

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

April 22, 1991

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

RE: APPLICATION FOR PERMIT TO DRILL
DUCK BUTTE 3-28
SECTION 28, T9S, R21E
UINTAH COUNTY, UTAH
LEASE NO. U-0576

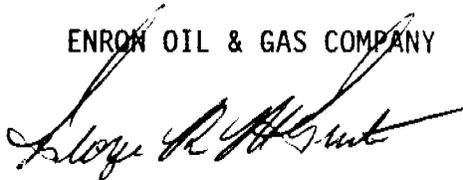
Dear Mr. Forsman:

Enclosed are the original and two (2) copies of the Application for Permit to Drill and associated attachments for the referenced well.

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

Sincerely,

ENRON OIL & GAS COMPANY



George R. McBride
Production Foreman

/lw
Attachments

cc: State Division of Oil, Gas & Mining
D. Weaver/R. Mellot
D. Zlomke
File

RECEIVED

APR 29 1991

DIVISION OF
OIL GAS & MINING

SURFACE USE AND OPERATING PLAN

WELL NAME: DUCK BUTTE 3-28

LOCATION: 1781' FSL & 645' FEL NE/SE
SEC. 28, T9S, R21E
UINTAH CO., UTAH

RECEIVED

APR 29 1991

DIVISION OF
OIL GAS & MINING

1. EXISTING ROADS

- A. The proposed wellsite is located approximately 13 1/2 miles southeast of Ouray, Utah.
- B. Refer to the attached TOPO Map "A" showing directions to the wellsite.
- C. Access to the proposed wellsite will be over existing State and County roads. The existing access to the Coastal 56N2 will be utilized.
- D. Roads will be maintained and repaired as necessary.

2. ACCESS ROAD

- A. See attached topographic Map "B". No new access road construction will be required.
- B. The access road will be dirt surface.
- C. All travel will be confined to existing access road right-of-ways.
- D. Access road surface is owned by the U.S.A.
- E. Access roads and surface disturbing activities will conform to standards outlined in the BLM/Forest Service publication: Surface operating Standards for Oil and Gas Exploration and Development, (1989).
- F. The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Traveling off the 30 foot right-of-way will not be allowed. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.
- G. There will be no turn outs required.
- H. No culverts will be required.
- I. No cattleguards or fence cuts will be required.

3. LOCATION OF EXISTING WELLS

- A. See attached topographic Map "C" showing wells within a one mile radius of the proposed location.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

- A. Proposed production facilities diagram is attached should this well prove commercial.
- B. All production equipment owned and controlled by Enron will be kept on the location pad.

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

5. LEASE DESIGNATION AND SERIAL NO.
U-0576

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
DUCK BUTTE

9. WELL NO.
3-28

10. FIELD AND POOL, OR WILDCAT
WILDCAT *Natural Butte b30*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SECTION 28, T9S, R21E

12. COUNTY OR PARISH | 13. STATE
UINTAH | UTAH

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

20. ROTARY OR CABLE TOOLS
ROTARY

22. APPROX. DATE WORK WILL START*
JULY 15, 1991

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
ENRON OIL & GAS 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
1781' FSL & 645' FEL NE/SE
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
APPROXIMATELY 13½ MILES SOUTHEAST OF OURAY, UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 645'

16. NO. OF ACRES IN LEASE 1480

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 60'

19. PROPOSED DEPTH 4200' *GRR*

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4932' GR.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	200'	150 sx Class "G" + 2% CaCl2 50/50 Pozmix + 2% gel + 10% salt to 3500'+ (+ 10% excess). 65/35 Pozmix + 6% gel + 3% salt to 200'+ above oil shales and/or fresh water shows (+ 5% excess).
7 7/8"	5 1/2"	15.5#	4200"	

SEE ATTACHMENTS FOR:

- 8 Point Plan
- Drilling Program
- BOP Schematic
- Surface Use and Operating Plan
- Location Plat
- Location Layout
- Topographic Maps "A", "B", and "C"
- Facility Diagram

Enron Oil and Gas co. will be the designated operator of the subject well under Nation Wide Bond #745632.

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

24. SIGNED *Linda L. Wain* TITLE SR. ADMIN. CLERK DATE 4/22/91

(This space for Federal or State office use)

PERMIT NO. 13-047-30007 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE: 5-7-91

CONDITIONS OF APPROVAL, IF ANY: _____ BY: *JAN Mathews*

WELL SPACING: 6/15-3-2

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 5-7-91
BY: *JAN Mathews*
WELL SPACING: 6/15-3-2

*See Instructions On Reverse Side

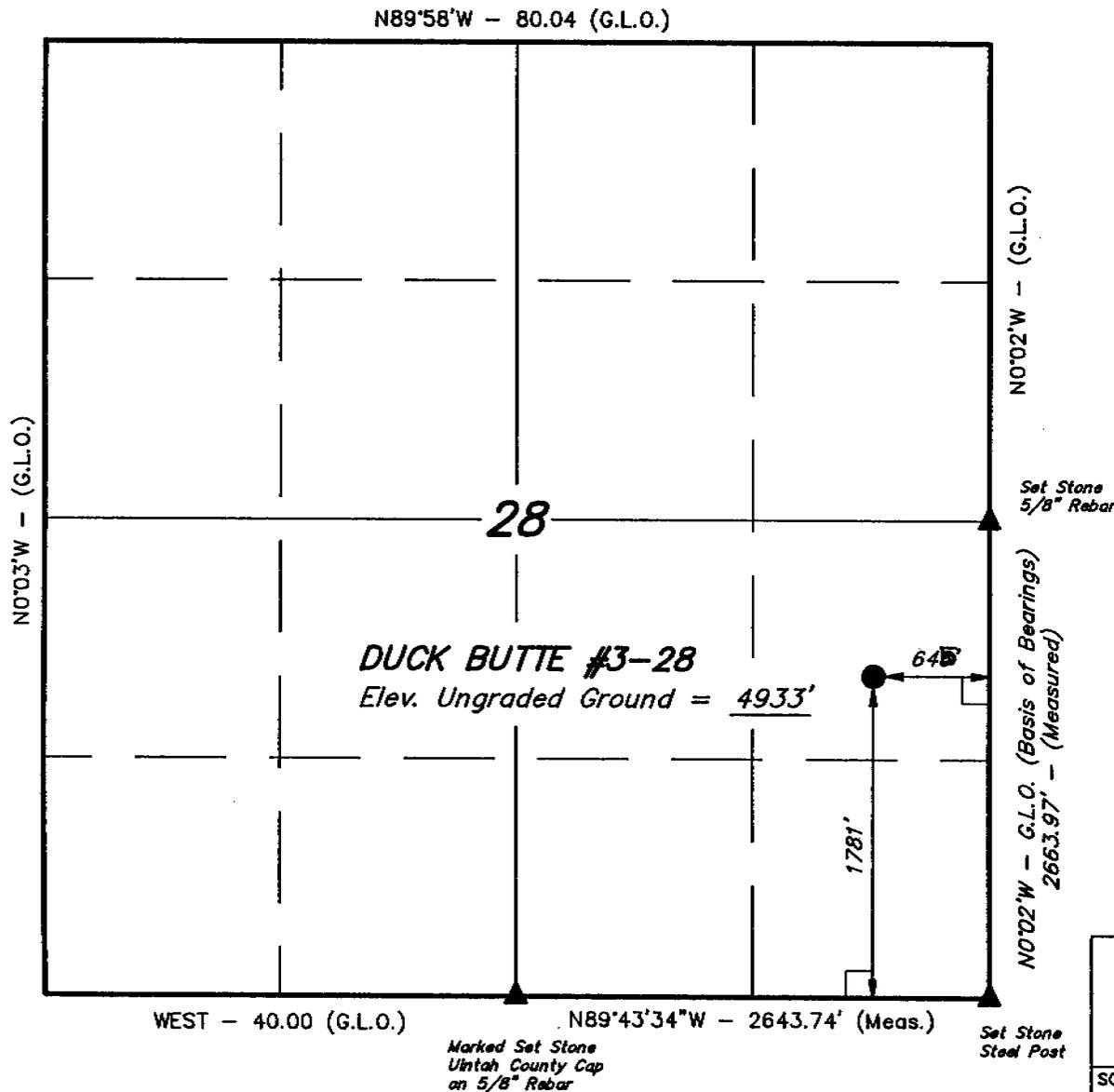
T9S, R21E, S.L.B.&M.

ENRON OIL & GAS CO.

Well location, DUCK BUTTE #3-28, located as shown in the NE 1/4 SE 1/4 of Section 28, T9S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 25EAM 1964, LOCATED IN THE NW 1/4 OF SECTION 27, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4961 FEET.



CERTIFICATE

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

Robert L. Lee
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 5709
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE 3-28-91
PARTY J.F. L.D.T. T.D.H.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE ENRON OIL & GAS CO.

▲ = SECTION CORNERS LOCATED.

- C. All permanent structures constructed or installed will be painted a flat non-reflective Carlsbad Canyon tan color to match the standard environmental colors as selected by BLM for this area. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health ACT) will be excluded.
- E. If a storage facility/tank battery is constructed on the lease, the facility/battery on the well pad will be surrounded by a containment dike of sufficient capacity to contain at a minimum the content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.
- F. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate stature. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Water will be hauled by Dalbo Inc.
- B. The water source will be A-1 Tank's water well located at Ouray, Utah. (Permit #43-8496).
- C. The BLM will be notified immediately if this source is changed subsequent to submittal of this APD.

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. Cuttings, drilling and completion fluids will be disposed of and confined in the reserve pit. If the reserve pit is lined, the operator will provide the BLM a chemical analysis of the fluids in the pit no later than 90 days after well completion to determine the method for reclamation of the reserve pit. If the elemental concentrations shown by the analysis exceed 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 of the pit will be removed and disposed of at an authorized disposal site..
- B. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- C. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
- D. 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, together with the required water analysis, will be submitted for the AO's approval.

- E. The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will not be lined unless it is determined by the AO following construction that a clay, bentonite, or plastic lining is necessary to prevent seepage. If a plastic nylon reinforced liner is used it will be a minimum of 10 mil thickness with sufficient bedding to prevent puncture. The liner will overlap the pit walls and be anchored with dirt and/or rocks. No material will be disposed of in the pit that could puncture the liner. After the pit dries and is ready for reclamation, the liner will be torn and perforated prior to backfilling.

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT

- A. See attached location layout plat and cross sections. A generalized rig orientation is included on the location layout plat.
- B. As shown on the location layout plat, the reserve pit will be located on the east side of the location and connected to. The flare pit will be located to the south of the reserve pit a minimum of 100' from the wellhead and 20' from the reserve pit fence. The flare pit will be downwind of the prevailing wind direction.
- C. The stockpiled topsoil will be stored on the east side of the location.
- D. Access to the well pad will be from the west.
- E. Diversion ditches will not be required.
- F. The drainage will be diverted around the north side of the well pad location.
- G. All pits will be fenced according to the following minimum standards:
 - 1. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire.
 - 2. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
 - 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16'.
 - 5. All wire shall be stretched by using a stretching device before it is attached to the corner posts.
- H. The reserve pit fencing will be on three sides when the rig moves off the location. Pits will be fenced and maintained until clean up.
- I. A silt catchment dam and basin will be located and constructed according to BLM specifications prior to location construction.

10. PLANS FOR RESTORATION OF SURFACE

- A. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production. Any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1. If necessary, overhead flagging will be installed if oil remains on the pit after drilling is completed.
- B. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion. Before any dirt work takes place, the reserve pit will be completely dry and all solid waste material removed. Once reclamation activities have begun, they shall be completed within 30 days. The lessee further covenants and agrees that all of said clean up and reclamation activities will be done in a diligent and workmanlike manner and in strict conformity with State and Federal regulations.
- C. Those portions of reclaimed location not needed for production operations will be reseeded according to BLM specifications.
- D. At such time the well is plugged and abandoned, the operator will submit a surface reclamation plan to the BLM. Prescribed seed mixtures and reseeded requirements will be requested at that time. Current BLM recommendations for reclamation are as follows:
"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 10" 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 whatever means is practical".

11. SURFACE OWNERSHIP

- A. Access road and location surface is owned by the U.S.A.

12. OTHER INFORMATION

- A. All persons in the area who are associated with this project will be informed that they are 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 will immediately stop work that might further disturb such materials, and contact the AO.
- B. Vegetation consists of sagebrush and native range grass. Wildlife consists of deer, antelope, birds and small rodents.
- C. No water, occupied dwellings, archaeological, historical or cultural sites are present on this location and access road.
- D. Noxious weeds will be controlled along right-of-ways for roads, pipelines, well sites or other applicable facilities.

- E. Enron Oil & Gas Co. or their contractor shall contact the BLM (801) 789-1362 at least 48 hours prior to commencement of construction activities. The BLM office will be notified upon site completion prior to moving in the drilling rig.
- F. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. If BLM authorization is obtained, it is understood that it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.
- G. All lease and/or unit operations will be conducted in such a manner to fully comply with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Enron Oil & Gas Co. is fully responsible for the actions of its sub-contractors. A copy of these conditions will be furnished the field representative to insure compliance.
- H. A complete copy of the approved APD and right-of-way grants will be on location during construction of the location and drilling activities.
- I. No construction or drilling activities shall be conducted between May 15 and June 20 due to the area being in a crucial antelope kidding habitat.
- J. No construction or drilling activities will be allowed during wet and muddy conditions due to the critical erosion area.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

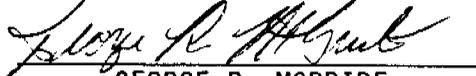
Enron Oil and Gas Company
P.O. Box 1815
Vernal, Utah 84078
George McBride
Telephone: (801) 789-0790

Enron Oil and Gas Company
P.O. Box 250
Big Piney, Wyoming
Jim Schaefer
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.

4-25-91

DATE



GEORGE R. MCBRIDE
PRODUCTION FOREMAN

EIGHT POINT PLAN

DUCK BUTTE 3-28

SECTION 28, T9S, R21E

UINTAH COUNTY, UTAH

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

FORMATIONS	DEPTH	TYPE ZONES	MAXIMUM ANTICIPATED PRESSURE
Uinta	Surface		
Green River Oil Shale	1,620'		
"H" Marker	3,100'		
"J" Marker	3,769'		
✓ "K-1" SS	4,039'	OIL	2100 PSI
3 EST. TD	4200'		

All depths are based on estimated KB elevation 4945'. Maximum pressure estimates are based on bottom hole pressures measured on offset or near vicinity wells to the subject well.

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

HOLE SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	MINIMUM SAFETY FACTOR		
						COLLAPSE	BURST	TENSILE
12 1/4"	0' - 200'	200'	8 5/8"	24.0#	J-55 ST&C	1370 PSI	2950 PSI	244,000#
7 7/8"	0' - 6869' 4200'	4200'	5 1/2"	15.5#	J-55 LT&C	4040 PSI	4810 PSI	217,000#

All casing to be used will be new or inspected.

5. MUD PROGRAM:

INTERVAL	MUD TYPE	MUD WEIGHT	WATER LOSS	ADDITIVES
0' - 200'	Air			
200' - 3500'	Air/Water			
3500' - TD	Air/2% KCl WTR	8.5 - 9.0	8 - 12	

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

←

EIGHT POINT PLAN

DUCK BUTTE 3-28
PAGE NO. 2

6. EVALUATION PROGRAM:

Logs: Dual Laterolog/GR/Caliper From base of surface casing to TD.
 FDC-CNL/GR/ TD to 3500'.

Cores: None Programmed.
DST' : Possible DST in K-1Ss

Completion: To be submitted at a later date.

7. ABNORMAL CONDITIONS:

None anticipated.

8. STANDARD REQUIRED EQUIPMENT:

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

Attachment: BOP Schematic Diagram

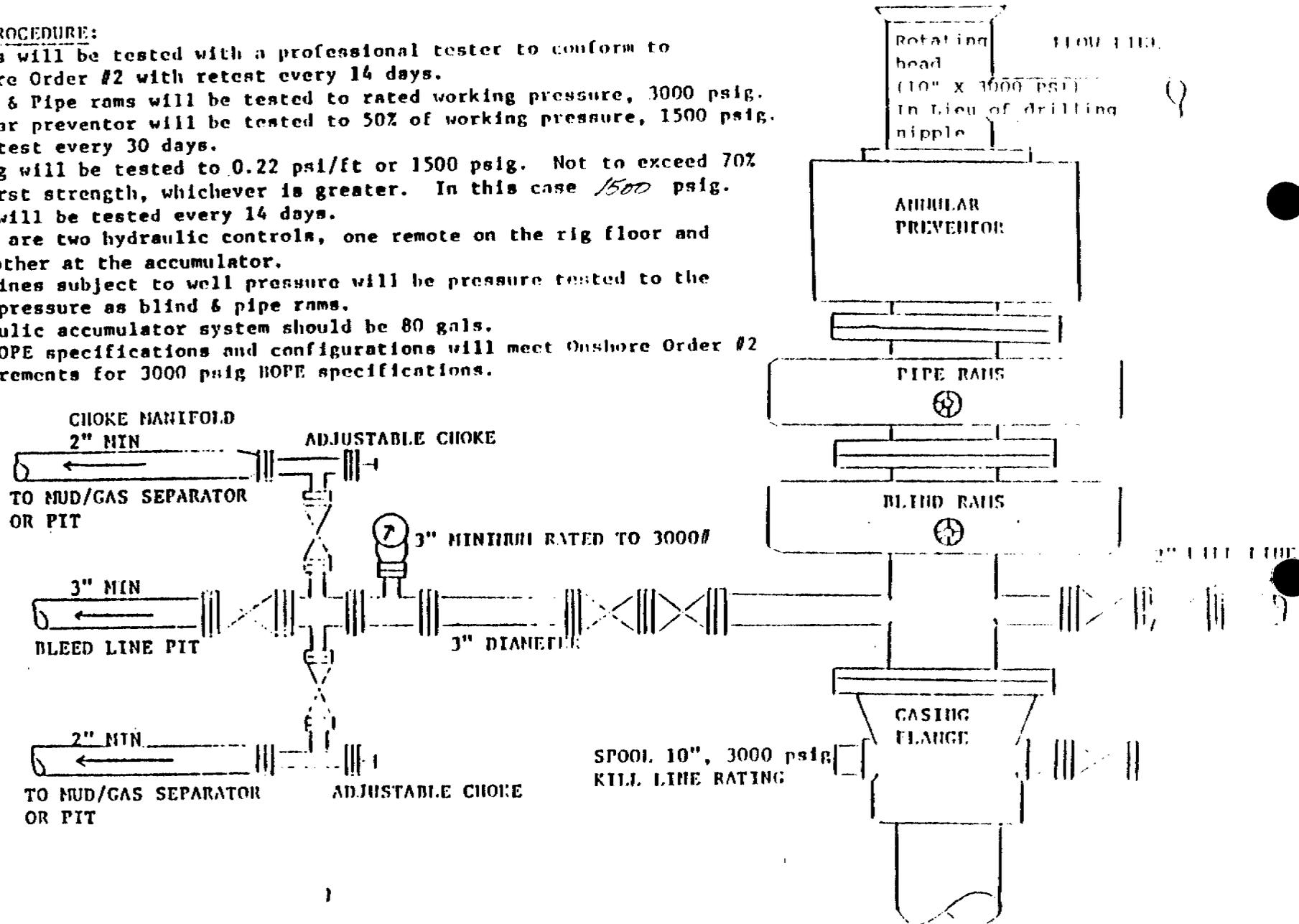
DUCKBUTTEPP
/LW

BOP DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 900 SERIES.
 CASING FLANGE IS 10" 900 SERIES.
 BOPE 9" 3000#

TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig.
3. Annular preventor will be tested to 50% of working pressure, 1500 psig. Will test every 30 days.
4. 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 *1500* psig.
5. They will be tested every 14 days.
6. There are two hydraulic controls, one remote on the rig floor and the other at the accumulator.
7. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
8. Hydraulic accumulator system should be 80 gals.
9. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



ENRON
Oil & Gas Company

DRILLING PROGRAM

Date: March 28, 1991

REVISION NO. & DATE: _____

PROSPECT: DUCK BUTTE LEASE: U-0576 (0050619-000)

WELL NUMBER: Duck Butte 3-28

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

LOCATION CALL: 1781' FSL & 645' FEL (NE SE)

Section 28, T9S, R21E

Uintah County, Utah

ELEVATION: 4933' GL, 4947' KB estimate

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

TYPE RIG: Land Rotary APPROVED DEPTH: 4200' PERMIT DEPTH: 4200'

CONDUCTOR NEEDED? No If yes, size & how set: _____

HOLE SIZE	CASING SIZE	DEPTH	CEMENT PROGRAM
12 1/4"	8-5/8"	200'	Cement w/150 sx Class "G" cement + 2% CaCl ₂ + 1/4#/sx celloflake. Circulate water ahead of slurry.
7-7/8"	5 1/2"	4200'	Cover interval from TD to 3500'± w/50/50 Pozmix + 2% gel + 10% salt. Volume to be calculated from caliper log annular volume to 3500'± plus 10% excess. Cover interval from 3500'± to 200' above oil shales or fresh water shows (whichever is shallower) with 65/35 Pozmix + 6% gel + 3% salt + 1/4#/sx celloflake. Volume to be calculated from caliper log annular volume from 3500'± to applicable upper depth plus 5% excess. Circulate casing 2 hrs minimum before cementing or until mud is not gas cut. Reciprocate casing during cementing. Pump 20 bbls mud flush ahead of slurry.

CRITERIA FOR DETERMINING CASING SEAT FOR CRITICAL STRINGS: WOC overnight before cutting off surface casing to weld on head.

WELL NAME: Duck Butte 3-28

CENTRALIZERS (DEPTH & TYPE):

Surface - One 8' above shoe & top of first, second & fourth joint.Production - One 8' above shoe & every other collar to 100'+ above K-1 Sand.

STAGE COLLARS, BASKETS, OTHER SPECIAL EQUIPMENT:

Surface - Guide shoe and insert float valve with top plug.Production - Differential fill float shoe and differential fill float collar with top and bottom plugs. Marker joint or magnetic marker at 4000'.PUMPING RATES/SPECIAL INSTRUCTIONS: Circulate casing a minimum of 2 hours or until mud is not gas cut prior to cementing. Reciprocate casing during cementing and displacement, but stop reciprocation 10 bbls prior to end of displacement.LOGGING PROGRAM: DLL/GR/Caliper from TD to base of surface casing.

FDC-CNL/GR from TD to 3000'+

CORES: None are anticipated.SAMPLES: Collect 30' samples from below surface casing to 3700'+. Collect 10' samples from 3700'+ to TD.FORMATION TESTS: Possible DST in the K-1 Sand.MUD LOGGING: (Includes services & depth): From 2000' KBt to TD.DETECTION & CONTROL EQUIPMENT: 10" 900 Series (3000 psig) BOP with blind and pipe rams. 10" 900 Series Annular Preventor. 10" rotating head. Test manifold and BOP's to 3000 psig, annular preventor to 1500 psig, surface casing to 1500 psig after nipple up using certified pressure testing service company.

WELL NAME: Duck Butte 3-28COMPLETION PROGRAM: To be submitted at a later date.OTHER SERVICES: None are anticipated.

FORMATION TOPS & DEPTHS (tentative)

FORMATION NAME & TYPE ESTIMATED DEPTH (EL) DATUM THICKNESS & REMARKS

See attached Prognosis.

X-MAS TREE: 10" 3000# weld on casing head, 6" 5000# x 10" 3000# tubing
spool, 2-1/16" 3000# master valves.

MUD PROGRAM

DEPTH INTERVAL	MUD WEIGHT	VIS	Cl	OIL	WATER LOSS (cc)	TYPE OF MUD
0' to 200'						Air
200' to 3500'						Air/Water
3500' to TD						Air/2% KCl water

WELL NAME: Duck Butte 3-28

DRILLING HAZARDS & SPECIAL INSTRUCTIONS: _____

Underbalanced circulation will require use of a rotating head.

CASING & TUBING PROGRAM

SIZE	INTERVAL		LENGTH	WEIGHT			MINIMUM SAFETY FACTOR		
	FROM	TO		#/FT.	GRADE	THREAD	COLLAPSE (psig)	BURST (psig)	TENSILE (psig)
8-5/8"	0'	200'	200'	24.0#	J-55	ST&C	1370	2950	244,000
5-1/2"	0'	4200'	4200'	15.5#	J-55	LT&C	4040	4810	217,000

SURVEY SCHEDULE

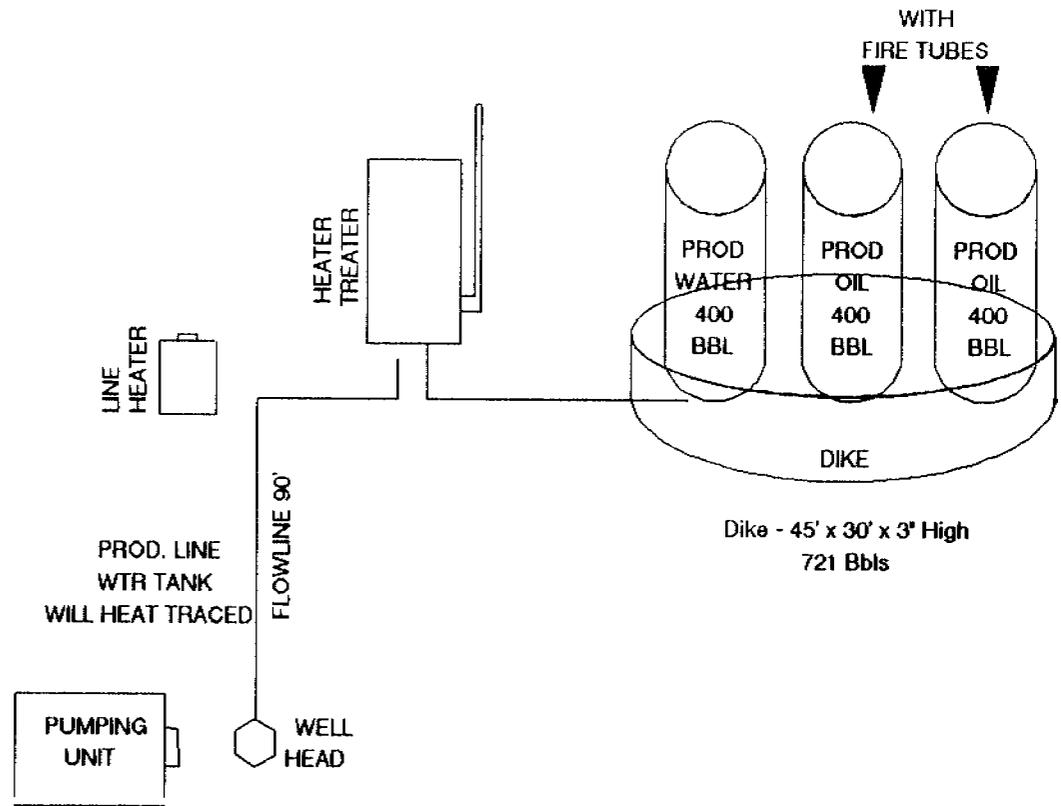
DEPTH	DISTANCE BETWEEN SURVEYS	MAXIMUM DEVIATIONS FROM VERTICAL	MAXIMUM CHANGE DEGREES/100'
0' to 200'	200'	1 degree	1 degree
200' to TD	500' (or as needed)	6 degrees	1 degree

PREPARED BY: *Jim R. Schaefer*
 Jim R. Schaefer, Sr. Production Engineer

APPROVED BY: *Dennis J. Brabec*
 Dennis J. Brabec, Drilling Superintendent

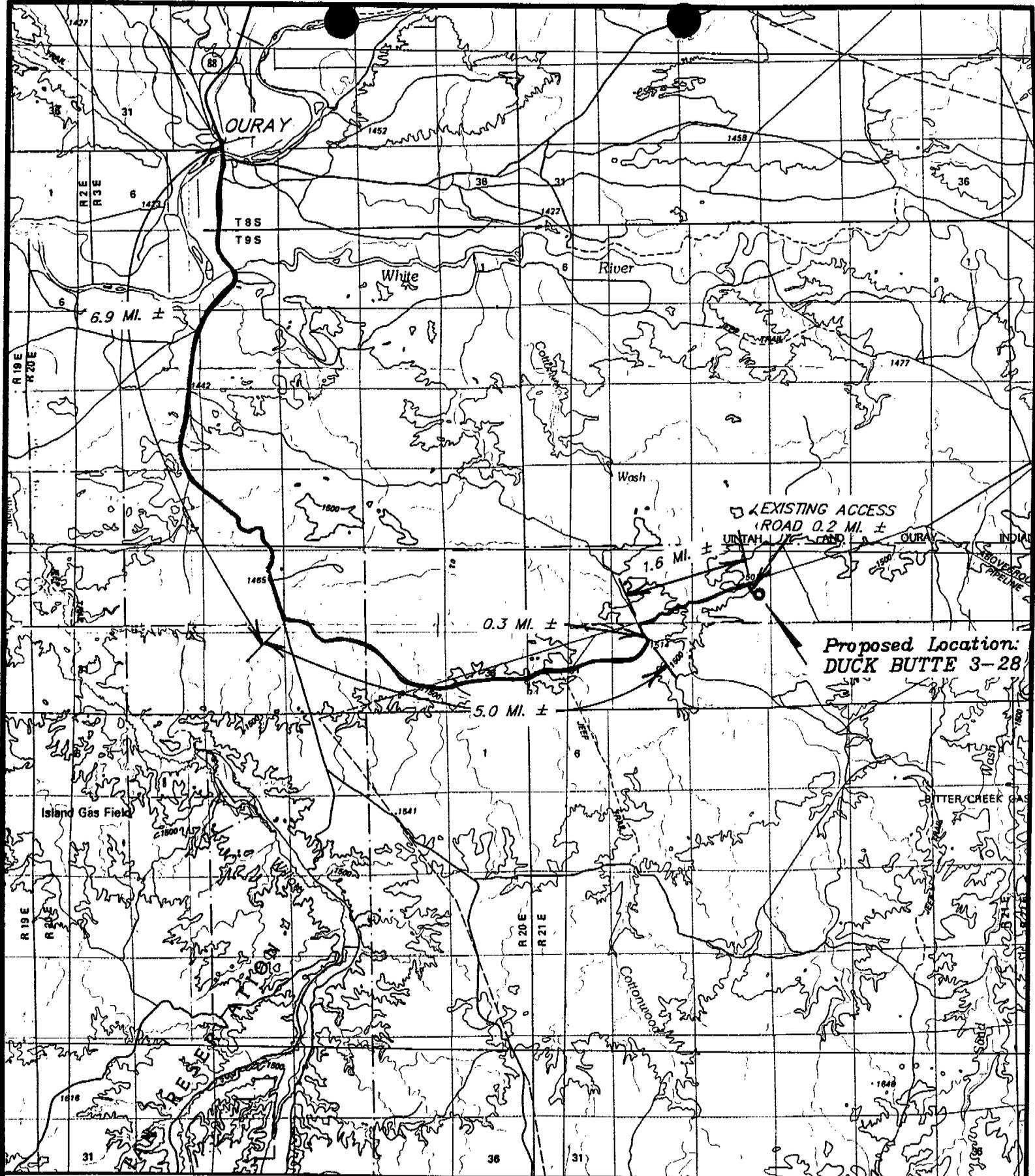
APPROVED BY: *Darrell E. Blomke*
 Darrell E. Blomke, District Manager

DUCK BUTTE 3-28
SECTION 28, T9S, R21E
UINTAH COUNTY UTAH
LEASE NO. U-0576



DUCKBUTTE328/LW

NOTE: WELL MAY FLOW OR BE PUMPED



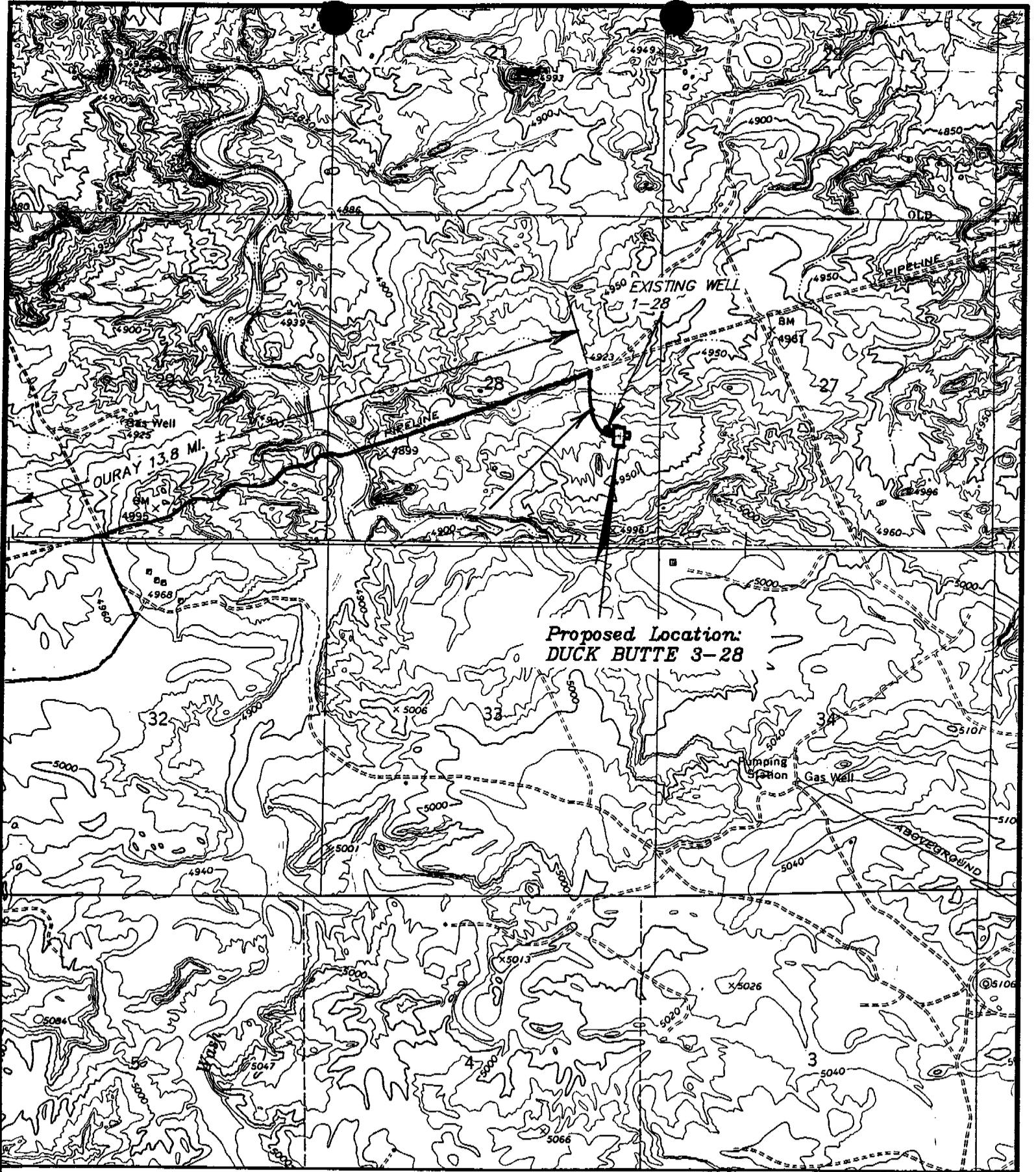
TOPOGRAPHIC
MAP "A"

DATE 3-28-91



ENRON OIL & GAS CO.

DUCK BUTTE 3-28
SECTION 28, T9S, R21E, S.L.B.&M.



TOPOGRAPHIC
MAP "B"

SCALE: 1" = 2000'

DATE 3-28-91



ENRON OIL & GAS CO.

DUCK BUTTE 3-28
SECTION 28, T9S, R21E, S.L.B.&M.



LEGEND:

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



ENRON OIL & GAS CO.

DUCK BUTTE 3-28
SECTION 28, T9S, R21E, S.L.B.&M.
TOPO MAP "C"

DATE: 3-28-91

OPERATOR Enron Oil & Gas Co N-0401 DATE 5-16-91

WELL NAME Duck Butte 3-28

SEC NESF 018 T 9S R 01E COUNTY Martin

43-047-30007
API NUMBER

Individual (I)
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

See attached for recent well logs within 40 acre guidelines.
Water Permit 43-8490 Dallas Inc.

Oil shale area

Plat indicates 646' FFI (N. 1/4) (S. 1/4) indicator it should be
645' also on Eight
0-1000' 5-16-91 completed
Stipulations
could be

APPROVAL LETTER:

SPACING:

R615-2-3

STIPULATIONS:

- 1- Oil shale
- 2- Since ~~the~~ ~~the~~
- Enron Natural Gas
- well, ~~the~~ ~~the~~
- ~~produces gas~~
- only be produce

Approval of this well is contingent on the well being completed as an oil well. If initial completion tests prove the well to be a gas well, the operator cannot produce the well until approval is received from the Board of Oil, Gas, and Mining. allowing an exception to Cause No. 197-1

CONFIDENTIAL PERIOD EXPIRED ON 10-20-92



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

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

May 7, 1991

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

Gentlemen:

Re: Duck Butte 3-28 Well, 1781 feet from the South line, 645 feet from the East line, NE SE, Section 28, Township 9 South, Range 21 East, Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with R615-3-2, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Special attention is directed to compliance with Utah Admin. R.615-3-34, which prescribes drilling procedures for designated oil shale areas.
2. Approval of this well is contingent on the well being completed as an oil well. If initial completion tests prove the well to be a gas well, the operator cannot produce the well until approval is received from the Board of Oil, Gas and Mining, allowing an exception to Cause No. 197-1.

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

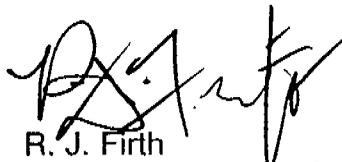
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.

Page 2
Enron Oil & Gas Company
Duck Butte 3-28
May 7, 1991

4. Prompt notification in the event it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or J. L. Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Utah Admin. R.615-3-20, Gas Flaring or Venting.
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 Drinking Water/Sanitation, telephone (801) 538-6159.
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 43-047-32027.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
J. L. Thompson
we14/1-6

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
U-0576

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
DUCK BUTTE

9. WELL NO.
3-28

10. FIELD AND POOL, OR WILDCAT
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SECTION 28, T9S, R21E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

1A. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
ENRON OIL & GAS 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
1781' FSL & 645' FEL NE/SE
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
APPROXIMATELY 13 1/2 MILES SOUTHEAST OF OURAY, UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
645'

16. NO. OF ACRES IN LEASE
1480

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
60'

19. PROPOSED DEPTH
4200'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4932' GR.

22. APPROX. DATE WORK WILL START*
JULY 15, 1991

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	200'	150 sx Class "G" + 2% CaCl2 50/50 Pozmix + 2% gel + 10% salt to 3500'+ (+ 10% excess). 65/35 Pozmix + 6% gel + 3% salt to 200'+ above oil shales and/or fresh water shows (excess).
7 7/8"	5 1/2"	15.5#	4200"	

RECEIVED
MAY 13 1991

RECEIVED
APR 1991
45678910111213141516171819202122232425262728293031

SEE ATTACHMENTS FOR:

- 8 Point Plan
- Drilling Program
- BOP Schematic
- Surface Use and Operating Plan
- Location Plat
- Location Layout
- Topographic Maps "A", "B", and "C"
- Facility Diagram

DIVISION OF
OIL GAS & MINING

Enron Oil and Gas co. will be the designated operator of the subject well under Nation Wide Bond #745632.

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 Leida L. Wall TITLE SR. ADMIN. CLERK DATE 4/22/91

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE 5/10/91

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*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.

Div OG+M

UT080-12128

Date NOS Received: 3-28-91

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Enron Oil & Gas Company

Well Name & Number: Duck Butte 3-28

Lease Number: U-0576

Location: NESE Sec. 28 T. 9S R. 21E

Surface Ownership: BLM

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

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

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale, identified at \pm 2270 ft.

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

4. Mud Program and Circulating Medium

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

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

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

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. 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 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 Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

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.

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.

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.

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.

7. Other Information

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

All off-lease storage, off-lease measurement, or commingling onlease 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.

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

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

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

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 789-3634

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

B. THIRTEEN POINT SURFACE USE PROGRAM:

1. Additional Information

- a. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

-whether the materials appear eligible for the National Register of Historic Places;

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

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

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 required mitigation has been completed, the operator will then be allowed to resume construction.

DIVISION OF OIL, GAS AND MINING

API NO. 43-047-32027

SPUDDING INFORMATION

NAME OF COMPANY: ENRON OIL & GAS

WELL NAME: DUCK BUTTE #3-28

SECTION NESE 28 TOWNSHIP 9S RANGE 21E COUNTY UINTAH

DRILLING CONTRACTOR LEON ROSS

RIG # _____

SPUDED: DATE 8-6-91

TIME _____

HOW DRY

DRILLING WILL COMMENCE ?

REPORTED BY TOM HUFFORD

TELEPHONE # 646-4793

DATE 8-6-91

SIGNED TAS/JLT

ENRON

OIL & GAS COMPANY

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

August 8, 1991

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

RE: NOTICE OF SPUD
DUCK BUTTE 3-28
Sec. 28, T9S, R21E
Uintah County, Utah
Lease No. U-0576

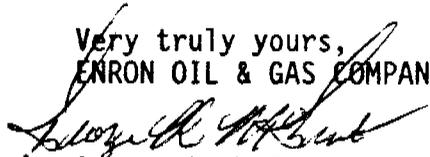
Attn: Ed Forsman

Dear Mr. Forsman:

Attached please find a Notice of Spud Sundry on the subject well.

If you require further information, please contact this office.

Very truly yours,
ENRON OIL & GAS COMPANY


George R. McBride
Sr. Production Foreman

cc: ~~Division of Oil Gas & Mining~~
Big Piney Office
Doug Weaver/Toni Miller
File

/lwSundry

RECEIVED

AUG 12 1991

DIVISION OF
OIL GAS & MINING

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-0576

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
ENRON OIL & GAS COMPANY

8. FARM OR LEASE NAME
DUCK BUTTE

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

9. WELL NO.
3-28

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
 See also space 17 below.)
 At surface
1781' FSL & 645' FEL NE/SE

10. FIELD AND POOL OR WILDCAT
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 28, T9S, R21E

14. PERMIT NO.
43-047-32027

15. ELEVATIONS (show whether DF, RY, GR, etc.)
4932'

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
 FRACTURE TREAT
 SHOOT OR ACIDIZE
 REPAIR WELL
 (Other)

PULL OR ALTER CASING
 MULTIPLE COMPLETE
 ABANDON*
 CHANGE PLANS

SUBSEQUENT REPORT OF:

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

REPAIRING WELL
 ALTERING CASING
 ABANDONMENT*
NOTICE OF SPUD

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

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

**Enron Oil & Gas Company states the subject well was spudded @ 11:00 AM 8/7/91.
 12 1/2" hole was drilled to 215'. 8 5/8' casing was set at 216' and cemented
 with 150 sxs Class "G" cement.
 Oral notice was called to the BLM and UOGCC on 8/7/91.**

RECEIVED

AUG 12 1991

DIVISION OF
 OIL GAS & MINING

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

SIGNED *Linda L. Wan*

TITLE *Sr. Admin. Clerk*

DATE *8/8/91*

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

ENRON

OIL & GAS COMPANY

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

RECEIVED

AUG 19 1991

August 16, 1991

DIVISION OF
OIL GAS & MINING

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

RE: SUNDRY NOTICE-WATER ENCOUNTERED
DUCK BUTTE 3-28
NESE Sec. 28, T9S, R21E
Uintah County, Utah
Lease No. U-0576

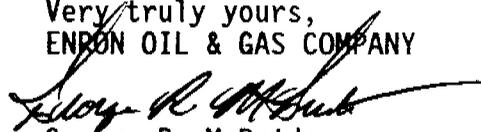
Attn: Ed Forsman

Dear Mr. Forsman:

Attached please find a Sundry Notice on subject well with water encountered during drilling information.

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 TRIPL
 (Other instruction on rev
 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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO U-0576	
2. NAME OF OPERATOR ENRON OIL & GAS COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. BOX 1815, VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1781' FSL & 645' FEL NE/SE		8. FARM OR LEASE NAME DUCK BUTTE	
14. PERMIT NO. 43-047-32027		9. WELL NO. 3-28	
15. ELEVATIONS (show whether DF, RY, GR, etc.) 4932'		10. FIELD AND POOL OR WILDCAT WILDCAT	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 28, 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:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> WTR ENCOUNTERED	<input checked="" type="checkbox"/>
(Other) <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.)*

A water flow was encountered, on subject well at 2360' and a sample was caught at that depth. The Water Analysis Report will be forwarded to your office.

RECEIVED
AUG 19 1991
 DIVISION OF
 OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct
 SIGNED *Linda S. Wallace* TITLE *Sr. Admin. Clerk* DATE *8/16/91*
 (This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7 (1/89)

DATE 11-05-91

1. Well name and number: Duck Butte #3-28
 API number: 43-047-32027
2. Well location: 00 section 28 township 9S range 21E county _____
3. Well operator: Sumner Oil & Gas, Inc.
 Address: PO Box 25 phone: 505-233-2371
4. Drilling contractor: Sumner Oil & Gas, Inc.
 Address: PO Box 25 phone: 505-233-2371

5. Water encountered (continue on reverse side if necessary)

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
250'	—		

6. Formation tops: Green River

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

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

Name _____ Signature _____
 Title _____ Date _____

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Comments:

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	11261	43-047-32027	DUCK BUTTES 3-28	NESE	28	9S	21E	UINTAH	8/7/91	8/7/91
WELL 1 COMMENTS: Federal-Lease Prop. Zone - BPRV Field - Natural Buttes (New entity 11261 added 8-21-91) Jp Unit - N/A											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

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DIVISION OF
OIL GAS & MINING

Linda L. Wall
Signature
Sr. Admin. Clerk 8/15/91
Title Date
Phone No. (801) 789-0790

ENRON OIL AND GAS COMPANY
LEASE : DUCK BUTTES
WELL NO. : 3-28
TEST NO. : 1

43-047-32027 Sec. 28, T 9S, R 21E

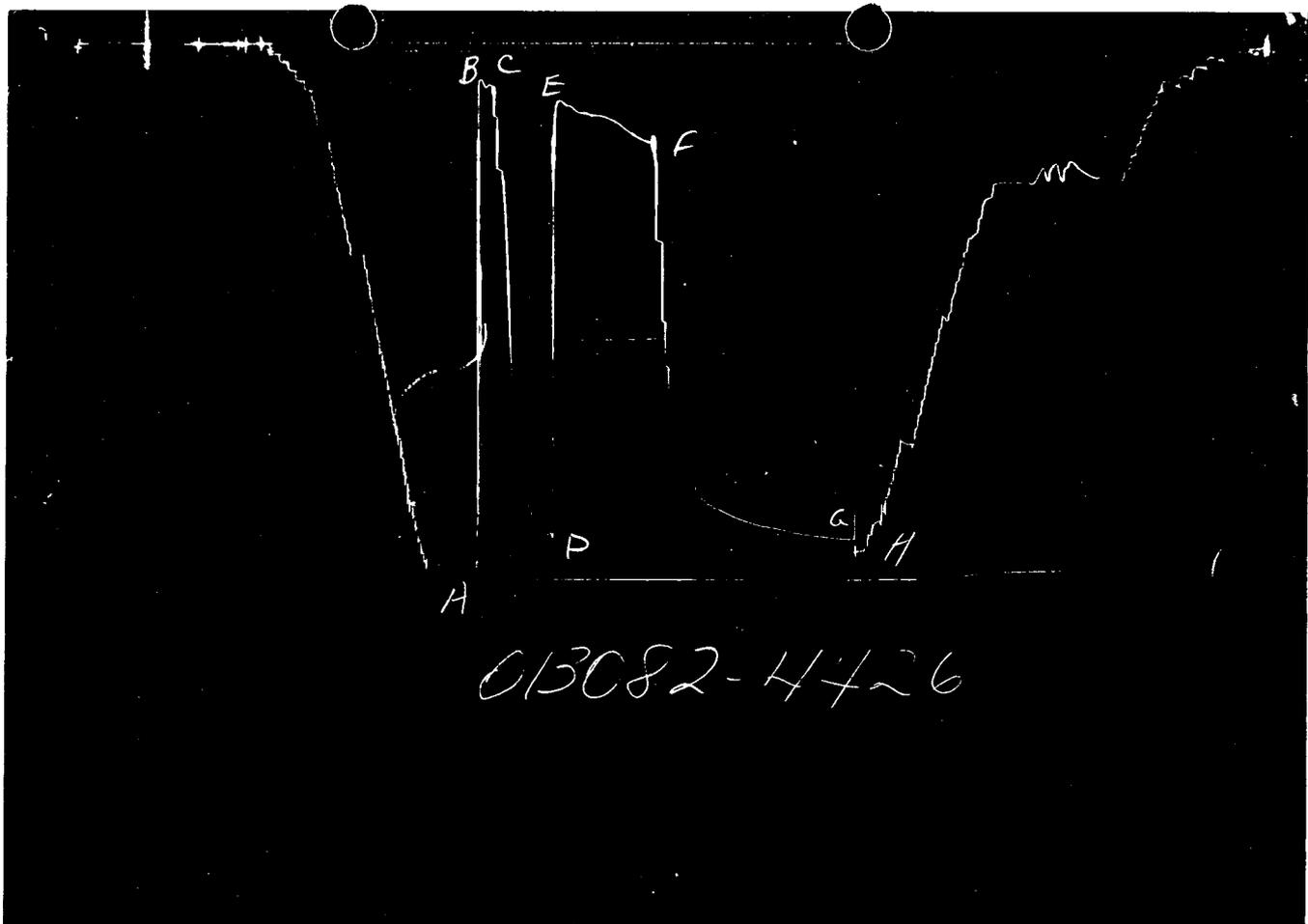
TICKET NO. 01308200
27-AUG-91
ROCK SPRINGS

LEGAL LOCATION SEC - TWP - RANG.	28-9S-21E	FIELD AREA	DUCK BUTTES	COUNTY	UINTAH	STATE	UTAH
LEASE NAME	3-28	WELL NO.	1	TESTED INTERVAL	4022.0 - 4205.0	ENRON OIL AND GAS COMPANY	LEASE OWNER/COMPANY NAME

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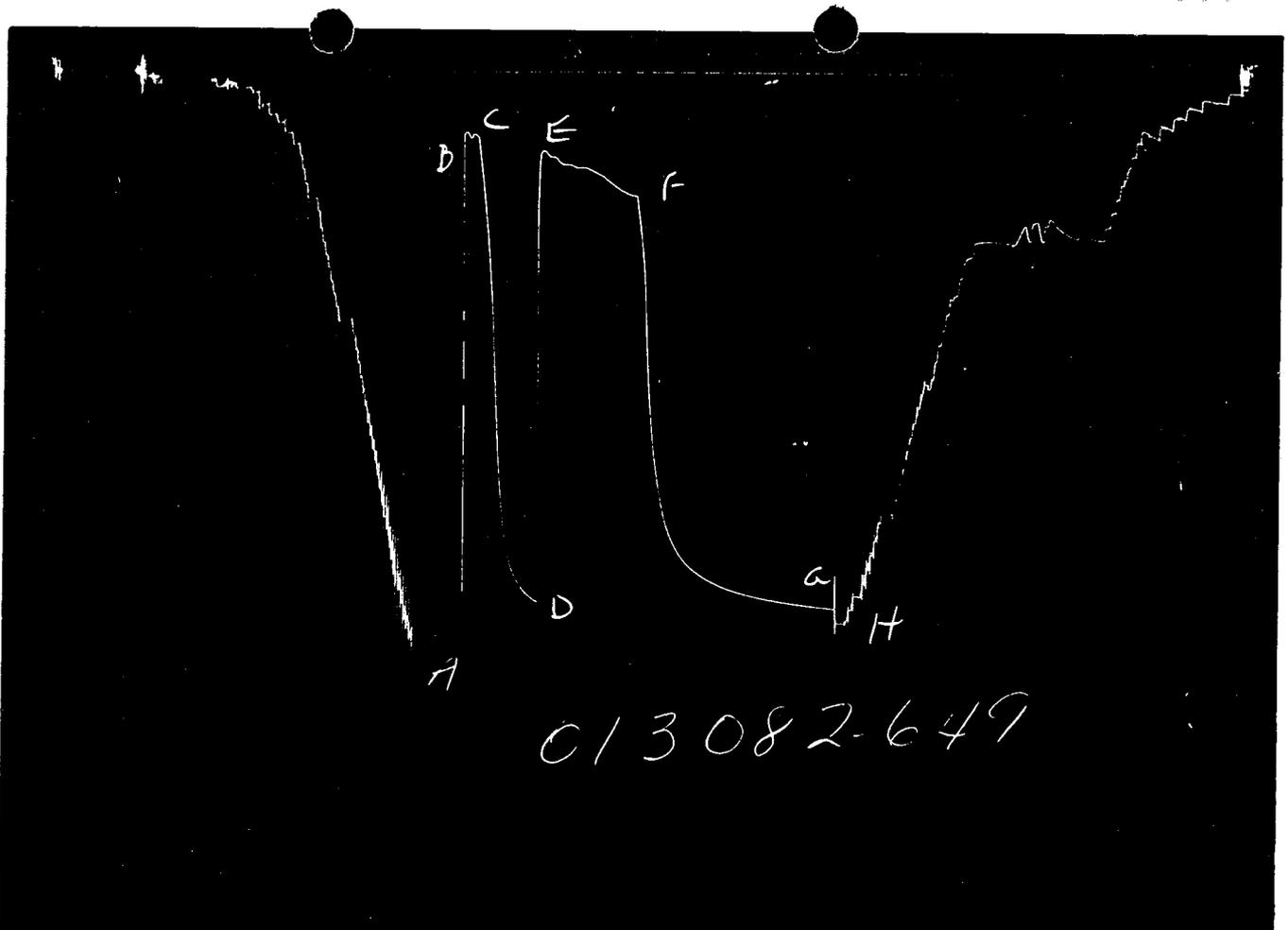
DIVISION OF
OIL, GAS & MINING



013082-4726

GAUGE NO: 4426 DEPTH: 4002.2 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1965	1961.9			
B	INITIAL FIRST FLOW	131	141.1			
C	FINAL FIRST FLOW	159	172.9	9.0	8.7	F
C	INITIAL FIRST CLOSED-IN	159	172.9			
D	FINAL FIRST CLOSED-IN	1872	1853.8	36.0	36.4	C
E	INITIAL SECOND FLOW	234	291.0			
F	FINAL SECOND FLOW	374	375.8	60.0	59.7	F
F	INITIAL SECOND CLOSED-IN	374	375.8			
G	FINAL SECOND CLOSED-IN	1872	1871.4	121.0	121.3	C
H	FINAL HYDROSTATIC	1918	1916.1			



GAUGE NO: 649 DEPTH: 4202.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2058	2047.6			
B	INITIAL FIRST FLOW	212	223.9			
C	FINAL FIRST FLOW	230	235.0	9.0	8.7	F
C	INITIAL FIRST CLOSED-IN	230	235.0			
D	FINAL FIRST CLOSED-IN	1933	1929.7	36.0	36.4	C
E	INITIAL SECOND FLOW	274	382.8			
F	FINAL SECOND FLOW	443	448.8	60.0	59.7	F
F	INITIAL SECOND CLOSED-IN	443	448.8			
G	FINAL SECOND CLOSED-IN	1950	1953.0	121.0	121.3	C
H	FINAL HYDROSTATIC	2004	2005.7			

EQUIPMENT & HOLE DATA

FORMATION TESTED: GREEN RIVER
 NET PAY (ft): 50.0
 GROSS TESTED FOOTAGE: 183.0
 ALL DEPTHS MEASURED FROM: KELLY BUSHING
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 7.875
 ELEVATION (ft): 4932.0
 TOTAL DEPTH (ft): 4205.0
 PACKER DEPTH(S) (ft): 4017, 4022
 FINAL SURFACE CHOKE (in): 0.18750 12/64"
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 8.50
 MUD VISCOSITY (sec): 28
 ESTIMATED HOLE TEMP. (°F): 80
 ACTUAL HOLE TEMP. (°F): 138 @ 4201.0 ft

TICKET NUMBER: 01308200DATE: 8-15-91 TEST NO: 1TYPE DST: OPEN HOLEFIELD CAMP:
ROCK SPRINGSTESTER: C.L. BARNEYWITNESS: TOM HUFFORDDRILLING CONTRACTOR:
COASTAL DRILLING #2**FLUID PROPERTIES FOR
RECOVERED MUD & WATER**

SOURCE	RESISTIVITY	CHLORIDES
<u>PIT</u>	<u>0.190 @ 80 °F</u>	<u>32000 ppm</u>
<u>TOP OF WATER</u>	<u>0.090 @ 75 °F</u>	<u>75000 ppm</u>
<u>BOTTOM OF WATER</u>	<u>0.090 @ 75 °F</u>	<u>75000 ppm</u>
_____	_____ °F	_____ ppm
_____	_____ °F	_____ ppm
_____	_____ °F	_____ ppm

SAMPLER DATA

Psig AT SURFACE: 300.0
 cu.ft. OF GAS: 0.159
 cc OF OIL: 2050.0
 cc OF WATER: _____
 cc OF MUD: _____
 TOTAL LIQUID cc: 2050.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): 27.9 @ 60 °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____

RECOVERED :

744 FEET (10.72 BBLs.) OF OIL IN DRILL PIPE
 342 FEET (1.50 BBLs.) OF OIL IN TOP OF COLLARS
 212 FEET (1.21 BBLs.) OF WATER IN BOTTOM OF COLLARS

MEASURED FROM
TESTER VALVE**REMARKS :**

GAUGE # 4426 WAS STAIR-STEPPING, CAUSING READINGS TO BE ERRATIC.

TICKET NO: 01308200
 CLOCK NO: 4203 HOUR: 12

GAUGE NO: 4426
 DEPTH: 4002.2

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B	1	0.0	141.1		
	2	1.0	136.9	-4.2	
	3	2.0	138.7	1.8	
	4	3.0	154.7	16.0	
	5	4.0	164.6	9.9	
	6	5.0	161.3	-3.3	
	7	6.0	155.4	-5.9	
	8	7.0	157.9	2.5	
	9	8.0	163.2	5.2	
C	10	8.7	172.9	9.7	
FIRST CLOSED-IN					
C	1	0.0	172.9		
<input type="checkbox"/>	2	1.9	279.0	106.0	1.6 0.739
<input type="checkbox"/>	3	5.2	482.4	309.4	3.2 0.428
	4	6.0	549.8	376.9	3.5 0.389
	5	7.0	648.3	475.4	3.9 0.350
	6	8.0	792.5	619.5	4.2 0.319
	7	9.0	965.0	792.1	4.4 0.292
	8	10.0	1141.2	958.3	4.6 0.271
	9	12.0	1364.9	1191.9	5.0 0.235
	10	14.0	1515.8	1342.9	5.3 0.209
	11	16.0	1620.3	1447.3	5.6 0.188
	12	18.0	1685.6	1512.7	5.8 0.170
	13	20.0	1729.7	1556.8	6.0 0.156
	14	22.0	1758.0	1585.1	6.2 0.144
	15	24.0	1805.2	1632.3	6.4 0.134
	16	26.0	1823.0	1650.1	6.5 0.125
	17	28.0	1830.0	1657.1	6.6 0.117
	18	30.0	1831.8	1658.9	6.7 0.110
	19	35.0	1849.8	1676.8	6.9 0.096
D	20	36.4	1853.8	1680.8	7.0 0.093
SECOND FLOW					
E	1	0.0	291.0		
	2	3.0	216.3	-74.7	
	3	6.0	224.8	8.5	
	4	9.0	234.7	9.8	
	5	12.0	246.8	12.2	
	6	15.0	260.0	13.1	
	7	18.0	261.6	1.7	
	8	21.0	266.6	5.0	
	9	24.0	271.8	5.2	
	10	27.0	272.2	0.5	
	11	30.0	276.5	4.3	
	12	33.0	283.9	7.4	
	13	36.0	292.4	8.4	

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND FLOW - CONTINUED					
	14	39.0	304.1	11.7	
	15	42.0	319.9	15.8	
	16	45.0	333.9	14.0	
	17	48.0	346.4	12.5	
	18	51.0	357.0	10.7	
	19	54.0	365.8	8.8	
	20	57.0	372.7	6.8	
F	21	59.7	375.8	3.1	
SECOND CLOSED-IN					
F	1	0.0	375.8		
	2	1.0	448.0	72.3	1.0 1.830
<input type="checkbox"/>	3	5.2	748.9	373.2	4.8 1.153
<input type="checkbox"/>	4	7.0	1049.9	674.1	6.4 1.031
<input type="checkbox"/>	5	9.0	1219.7	843.9	7.9 0.935
<input type="checkbox"/>	6	11.4	1352.1	976.4	9.8 0.843
	7	12.0	1392.0	1016.2	10.2 0.825
	8	14.0	1464.0	1088.2	11.6 0.770
	9	16.0	1522.3	1146.5	13.0 0.721
	10	18.0	1562.6	1186.8	14.2 0.681
	11	20.0	1599.0	1223.2	15.4 0.646
	12	22.0	1629.6	1253.6	16.6 0.614
	13	24.0	1653.0	1277.3	17.8 0.585
	14	26.0	1696.3	1320.5	18.8 0.560
	15	28.0	1712.8	1337.0	19.9 0.536
	16	30.0	1721.0	1345.3	20.9 0.515
	17	35.0	1742.8	1367.1	23.2 0.470
	18	40.0	1759.4	1383.6	25.2 0.433
	19	45.0	1775.8	1400.0	27.1 0.401
	20	50.0	1790.6	1414.9	28.9 0.374
	21	55.0	1802.4	1426.6	30.5 0.351
	22	60.0	1812.6	1437.0	32.0 0.330
	23	70.0	1826.3	1450.5	34.6 0.296
	24	80.0	1839.2	1463.4	36.9 0.268
	25	90.0	1852.7	1476.9	38.8 0.245
	26	100.0	1861.3	1485.5	40.6 0.226
	27	110.0	1868.5	1492.7	42.2 0.210
G	28	121.3	1871.4	1495.6	43.7 0.194

LEGEND:
 STAIR-STEP

REMARKS:

TICKET NO: 01308200

GAUGE NO: 649

CLOCK NO: 3723 HOUR: 12

DEPTH: 4202.0

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{t}$
FIRST FLOW					
B	1	0.0	223.9		
	2	1.0	219.1	-4.8	
	3	2.0	219.1	0.0	
	4	3.0	226.9	7.7	
	5	4.0	238.1	11.3	
	6	5.0	235.8	-2.3	
	7	6.0	226.3	-9.5	
	8	7.0	227.7	1.3	
	9	8.0	231.7	4.0	
C	10	8.7	235.0	3.4	
FIRST CLOSED-IN					
C	1	0.0	235.0		
	2	1.0	286.4	51.4	0.9 0.969
	3	2.0	337.9	102.9	1.6 0.733
	4	3.0	397.3	162.2	2.3 0.584
	5	4.0	465.2	230.2	2.7 0.499
	6	5.0	533.1	298.1	3.2 0.434
	7	6.0	607.9	372.8	3.6 0.386
	8	7.0	696.5	461.5	3.9 0.348
	9	8.0	792.6	557.6	4.2 0.318
	10	9.0	914.4	679.4	4.4 0.293
	11	10.0	1073.0	838.0	4.6 0.272
	12	12.0	1373.9	1138.9	5.0 0.235
	13	14.0	1558.1	1323.0	5.3 0.209
	14	16.0	1679.9	1444.9	5.6 0.187
	15	18.0	1749.6	1514.5	5.8 0.171
	16	20.0	1797.5	1562.4	6.0 0.156
	17	22.0	1829.4	1594.4	6.2 0.144
	18	24.0	1853.3	1618.3	6.4 0.133
	19	26.0	1872.1	1637.1	6.5 0.125
	20	28.0	1888.4	1653.4	6.6 0.117
	21	30.0	1901.5	1666.5	6.7 0.110
	22	35.0	1924.5	1689.5	6.9 0.096
D	23	36.4	1929.7	1694.7	7.0 0.093
SECOND FLOW					
E	1	0.0	382.8		
	2	3.0	285.8	-97.0	
	3	6.0	299.1	13.2	
	4	9.0	308.4	9.3	
	5	12.0	320.4	12.0	
	6	15.0	334.8	14.5	
	7	18.0	336.0	1.2	
	8	21.0	340.9	4.9	
	8	24.0	347.0	6.1	
	10	27.0	347.0	0.0	
	11	30.0	350.9	3.9	

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{t}$
SECOND FLOW - CONTINUED					
	12	33.0	359.0	8.2	
	13	36.0	367.8	8.8	
	14	39.0	377.0	9.2	
	15	42.0	392.5	15.4	
	16	45.0	406.5	14.0	
	17	48.0	420.3	13.8	
	18	51.0	431.6	11.4	
	19	54.0	440.8	9.2	
	20	57.0	447.1	6.3	
F	21	59.7	448.8	1.7	
SECOND CLOSED-IN					
F	1	0.0	448.8		
	2	1.0	493.5	44.7	1.0 1.843
	3	2.0	543.4	94.6	1.9 1.548
	4	3.0	599.5	150.6	2.9 1.372
	5	4.0	655.3	206.5	3.7 1.262
	6	5.0	743.0	294.2	4.6 1.168
	7	6.0	897.1	448.3	5.5 1.094
	8	7.0	1071.7	622.9	6.4 1.031
	9	8.0	1183.1	734.3	7.2 0.978
	10	9.0	1275.3	826.5	8.0 0.933
	11	10.0	1346.0	897.2	8.7 0.894
	12	12.0	1444.5	995.6	10.2 0.825
	13	14.0	1524.9	1076.1	11.6 0.769
	14	16.0	1592.0	1143.2	13.0 0.721
	15	18.0	1640.8	1192.0	14.2 0.681
	16	20.0	1674.9	1226.1	15.5 0.645
	17	22.0	1704.9	1256.1	16.6 0.614
	18	24.0	1728.9	1280.1	17.7 0.586
	19	26.0	1750.1	1301.3	18.9 0.559
	20	28.0	1767.4	1318.6	19.8 0.537
	21	30.0	1782.7	1333.8	20.8 0.516
	22	35.0	1812.2	1363.4	23.2 0.470
	23	40.0	1834.8	1385.9	25.2 0.433
	24	45.0	1852.3	1403.5	27.1 0.401
	25	50.0	1867.7	1418.9	28.9 0.374
	26	55.0	1879.9	1431.1	30.5 0.351
	27	60.0	1890.0	1441.2	31.9 0.330
	28	70.0	1906.2	1457.4	34.6 0.296
	29	80.0	1919.9	1471.1	36.9 0.268
	30	90.0	1930.3	1481.4	38.8 0.245
	31	100.0	1939.1	1490.3	40.6 0.226
	32	110.0	1946.7	1497.9	42.2 0.210
G	33	121.3	1953.0	1504.2	43.7 0.194

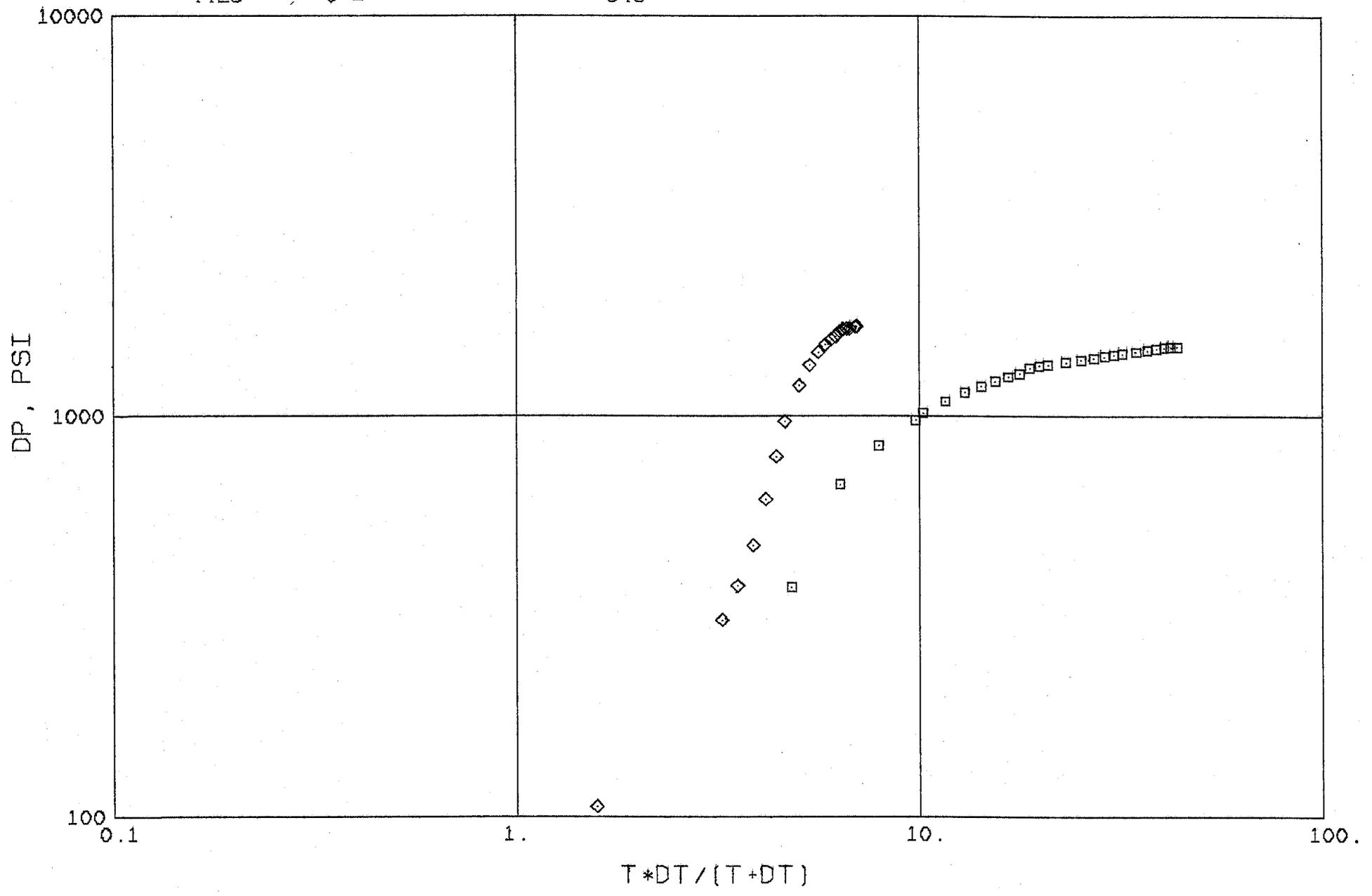
REMARKS:

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.825	3435.2	
3		DRILL COLLARS.....	6.250	2.250	431.0	
51		PUMP OUT REVERSING SUB.....	6.000	3.000	2.0	3867.2
3		DRILL COLLARS.....	6.250	2.250	120.0	
5		CROSSOVER.....	6.000	2.750	1.2	
13		DUAL CIP SAMPLER.....	5.000	0.750	6.8	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	4000.2
80		AP RUNNING CASE.....	5.000	2.250	4.1	4002.2
15		JAR.....	5.000	1.500	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.8	
70		OPEN HOLE PACKER.....	6.750	1.530	5.7	4017.0
70		OPEN HOLE PACKER.....	6.750	1.530	6.8	4022.0
20		FLUSH JOINT ANCHOR.....	5.750	3.000	18.0	
5		CROSSOVER.....	6.000	3.250	0.7	
3		DRILL COLLARS.....	6.250	2.250	153.0	
5		CROSSOVER.....	6.000	2.500	0.7	
20		FLUSH JOINT ANCHOR.....	5.750	3.000	3.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.0	4202.0
TOTAL DEPTH					4205.0	

EQUIPMENT DATA

GAUGE NO CIP 1 2
4426 ◊ ◻

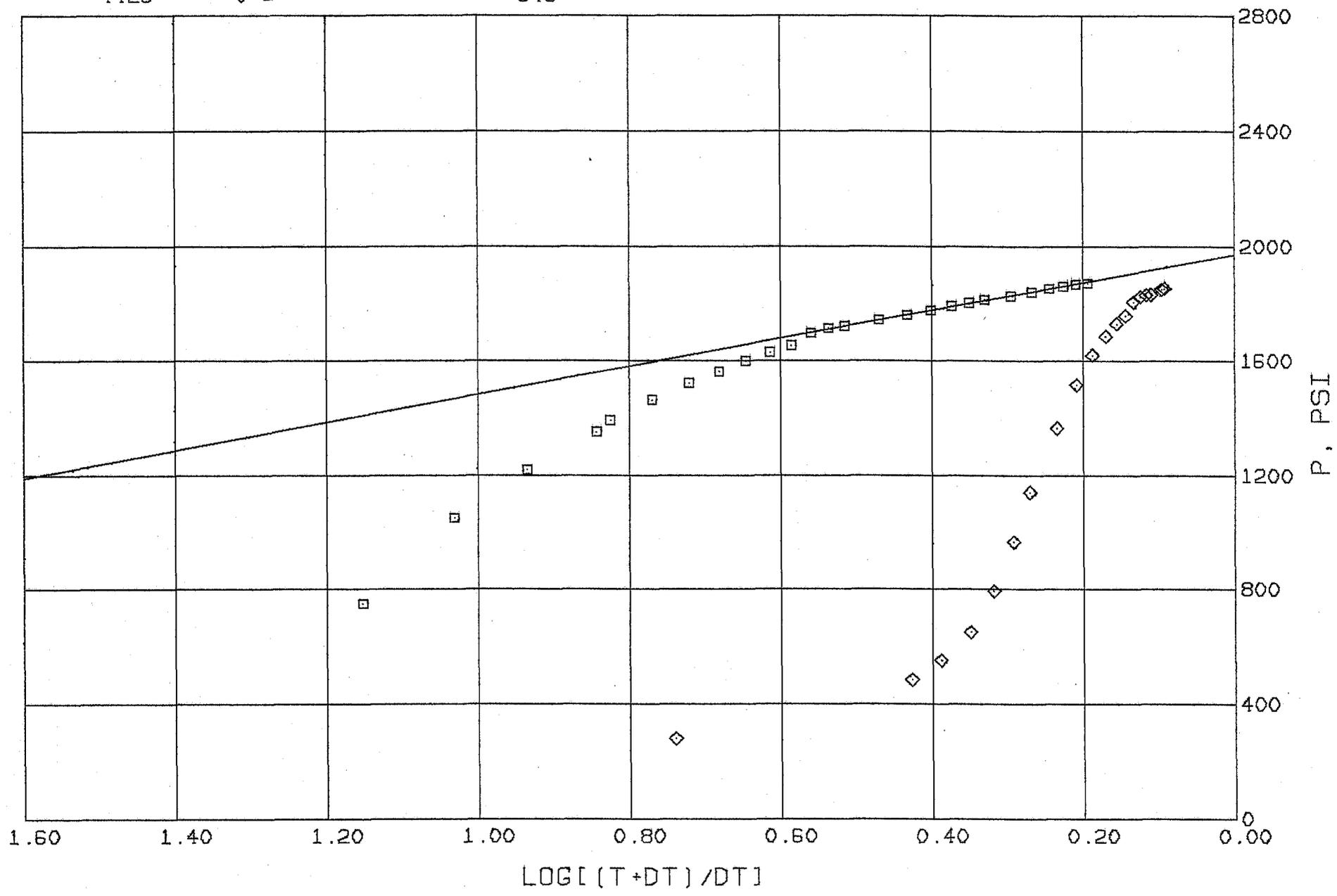
GAUGE NO CIP 1 2
649 ◻ ◻



TICKET NO 01308200

GAUGE NO CIP 1 2
4426 ◇ □

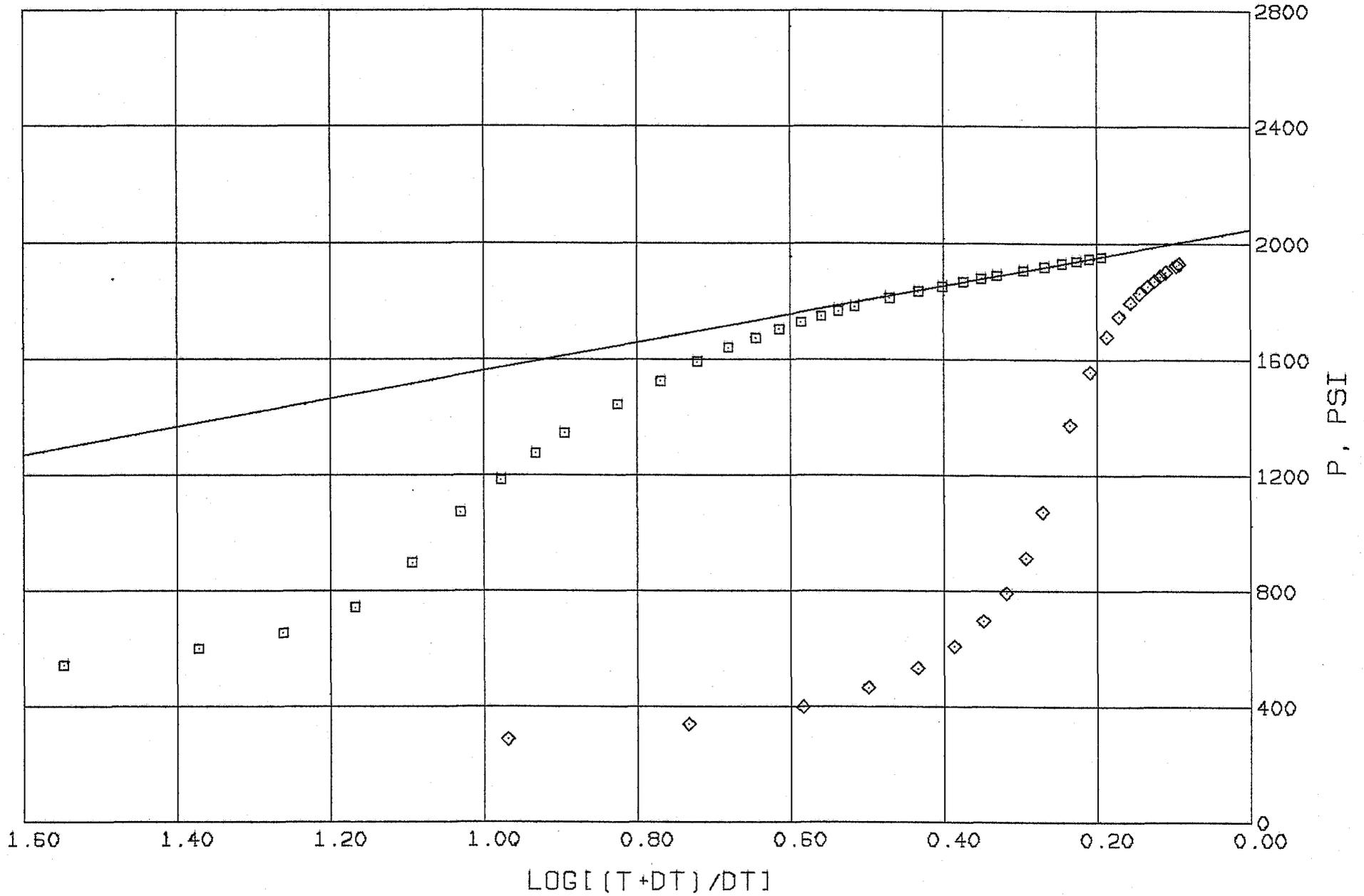
GAUGE NO CIP 1 2
649



TICKET NO 01308200

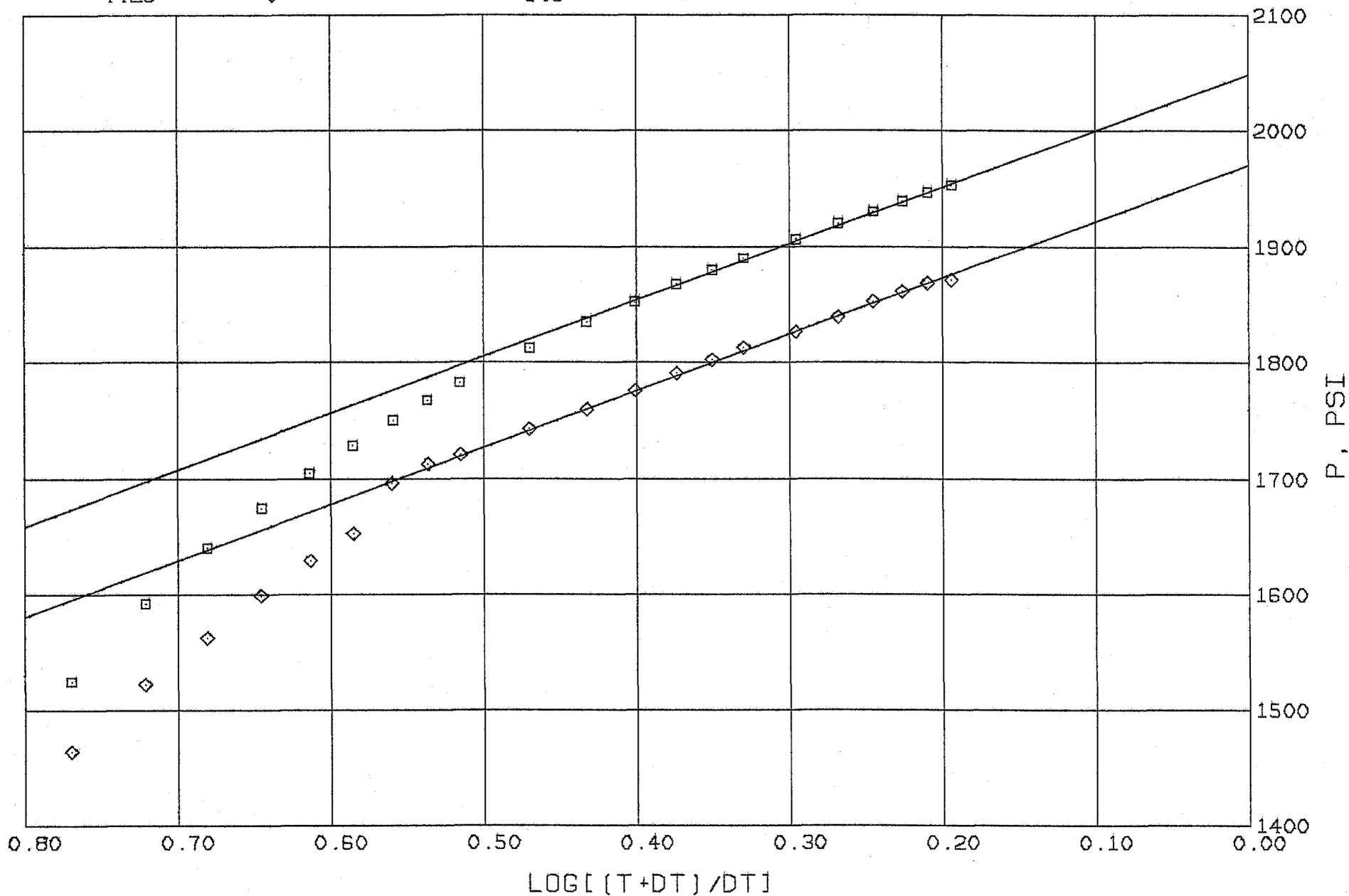
GAUGE NO CIP 1 2
4426

GAUGE NO CIP 1 2
649 \diamond \square



GAUGE NO CIP 1 2
4426 ◇

GAUGE NO CIP 1 2
649 □



SUMMARY OF RESERVOIR PARAMETERS USING HORNER METHOD FOR LIQUID WELLS

OIL GRAVITY	27.9	°API@60 °F	WATER SALINITY	0.0	% SALT
GAS GRAVITY	0.700		FLUID GRADIENT	0.3846	psi/ft
GAS/OIL RATIO	352.0	SCF/STB	FLUID PROPERTIES AT	2048.7	psig
TEMPERATURE	138.0	°F	VISCOSITY	1.830	cp
NET PAY	50.0	ft	FMT VOL FACTOR	1.199	R _{vol} /S _{vol}
POROSITY	10.0	%	SYSTEM COMPRESSIBILITY	13.76	x 10 ⁻⁶ vol/vol/psi
PIPE CAPACITY FACTORS	0.00492			0.01422	bbl/ft

GAUGE NUMBER		4426	649					
GAUGE DEPTH		4002.2	4202.0					
FLOW AND CIP PERIOD		2	2					UNITS
FINAL FLOW PRESSURE	P _f	375.8	448.8					psig
TOTAL FLOW TIME	t	68.3	68.3					min
EXTRAPOLATED PRESSURE	P*	1970.5	2048.7					psig
ONE CYCLE PRESSURE		1483.4	1561.6					psig
PRODUCTION RATE	Q	178.2	175.7					BPD
TRANSMISSIBILITY	kh/μ	71.3	70.4					md-ft cp
FLOW CAPACITY	kh	130.570	128.761					md-ft
PERMEABILITY	k	2.61141	2.57522					md
SKIN FACTOR	S	-0.6	-0.6					
DAMAGE RATIO	DR	0.9	0.9					
POTENTIAL RATE	Q ₁	178.2	175.7					BPD
RADIUS OF INVESTIGATION	r ₁	34.8	34.5					ft

REMARKS: CALCULATIONS ARE EFFECTIVE TO 100% OIL PRODUCTION. THE RATES WERE DETERMINED USING THE PRESSURE CHANGE METHOD WITH THE DATA FROM THE FLOW PERIODS.

ANALYSIS COULD NOT BE PERFORMED ON THE FIRST CLOSED-IN PERIOD DATA DUE TO LIMITED PRESSURE DEVELOPMENT AND SHORT FLOW TIME.

THE LOG-LOG PLOT OF THE SECOND CIP DATA WAS SUCCESSFULLY MATCHED AGAINST THE RADIAL FLOW TYPE CURVES ON A SKIN FACTOR OF ZERO, YIELDING RESULTS IDENTICAL TO THE HORNER SEMILOG RESULTS ABOVE.

NOTICE: BECAUSE OF THE UNCERTAINTY OF VARIABLE WELL CONDITIONS AND THE NECESSITY OF RELYING ON FACTS AND SUPPORTING SERVICES FURNISHED BY OTHERS, HRS IS UNABLE TO GUARANTEE THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HRS. HRS PERSONNEL WILL USE THEIR BEST EFFORTS IN GATHERING SUCH INFORMATION AND THEIR BEST JUDGMENT IN INTERPRETING IT BUT CUSTOMER AGREES THAT HRS SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION EXCEPT WHERE DUE TO HRS GROSS NEGLIGENCE OR WILLFUL MISCONDUCT IN THE PREPARATION OF FURNISHING OF INFORMATION.

ENRON

OIL & GAS COMPANY

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

RECEIVED

SEP 30 1991

DIVISION OF
OIL GAS & MINING

September 27, 1991

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

RE: SUNDRY NOTICE - FIRST OIL SALES
NATURAL BUTTES UNIT 3-28
NESE Sec 23, T9S, R21E S.L.B.&M
Uintah County, Utah
LEASE NO. U-0576

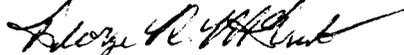
Attn: Ed Forsman

Dear Mr. Forsman:

Attached please find a Sundry Notice on subject well with first sales of oil information.

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 instructions on
 reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.
U-0576

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
ENRON OIL & GAS COMPANY

8. FARM OR LEASE NAME
DUCK BUTTE

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

9. WELL NO.
3-28

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
 See also space 17 below.)
 At surface
1781' FSL & 645' FEL NE/SE

10. FIELD AND POOL OR WILDCAT
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 28, T9S, R21E

14. PERMIT NO.
43-047-32027

15. ELEVATIONS (show whether DF, RY, GR, etc.)
4932'

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)

SUBSEQUENT REPORT OF:

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

(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.)*

First sales of oil from subject well were 9/4/91. 130.86 bbls and 266.25 bbls were sold in two loads.

RECEIVED

SEP 30 1991

DIVISION OF
 OIL GAS & MINING

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

SIGNED Linda L. Wan

TITLE Sr. Admin. Clerk

DATE

9/27/91

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

ENRON

OIL & GAS COMPANY

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

October 1, 1991

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

RE: SUNDRY NOTICE - INITIAL PRODUCTION
NATURAL BUTTES UNIT 3-28
NESE Sec. 3, T9S, R21E S.L.B.&M
Uintah County, Utah
LEASE NO. U-0576

Attn: Ed Forsman

Dear Mr. Forsman:

Attached please find a Sundry Notice on subject well with initial production information.

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

RECEIVED

OCT 03 1991

DIVISION OF
OIL GAS & MINING

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

SUBMIT IN TRIPLICATE
(Other instruction
verse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.
U-0576
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
ENRON OIL & GAS COMPANY

8. FARM OR LEASE NAME
DUCK BUTTE

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

9. WELL NO.
3-28

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1781' FSL & 645' FEL NE/SE

10. FIELD AND POOL OR WILDCAT
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 28, T9S, R21E

14. PERMIT NO.
43-047-32027

15. ELEVATIONS (show whether DF, RY, GR, etc.)
4932'

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)

SUBSEQUENT REPORT OF:

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

(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.)*

Initial production of subject well 9/27/91: 32 BO, 0 BW, 7 3/4 SPM 86. TP 35 psig, CP - Packer. Started venting gas @ 12:00 noon 9/26/91.

RECEIVED

OCT 03 1991

DIVISION OF
OIL GAS & MINING

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

SIGNED *Linda J. Wall*

TITLE **Sr. Admin. Clerk**

DATE

9/27/91

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

ENRON

OIL & GAS COMPANY

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

October 2, 1991

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

RE: SUNDRY NOTICE - WELLSITE DIAGRAM
DUCK BUTTE 3-28
NESE Sec. 28, T9S, R21E S.L.B.&M
Uintah County, Utah
LEASE NO. U-0576

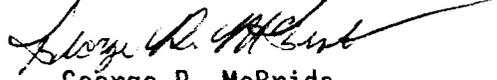
Attn: Ed Forsman

Dear Mr. Forsman:

Attached please find a Sundry Notice on subject well with wellsite diagram attached.

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

RECEIVED

OCT 04 1991

DIVISION OF:
OIL GAS & MINING

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

SUBMIT IN TRIPlicate
(Other instruction
verse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0576	
2. NAME OF OPERATOR ENRON OIL & GAS COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. BOX 1815, VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1781' FSL & 645' FEL NE/SE		8. FARM OR LEASE NAME DUCK BUTTE	
14. PERMIT NO. 43-047-32027		9. WELL NO. 3-28	
15. ELEVATIONS (show whether DF, RY, GR, etc.) 4932'		10. FIELD AND POOL OR WILDCAT WILDCAT	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 28, T9S, R21E	
		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:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> Wellsite Diagram	<input checked="" type="checkbox"/>
(Other) <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 is submitting a correct wellsite/facility diagram for your approval.

RECEIVED

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

OCT 04 1991

DATE: 10/7/91
BY: JR Matthews

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED Linda S. Wall TITLE Sr. Admin. Clerk DATE 10/3/91
(This space for Federal or State office use)

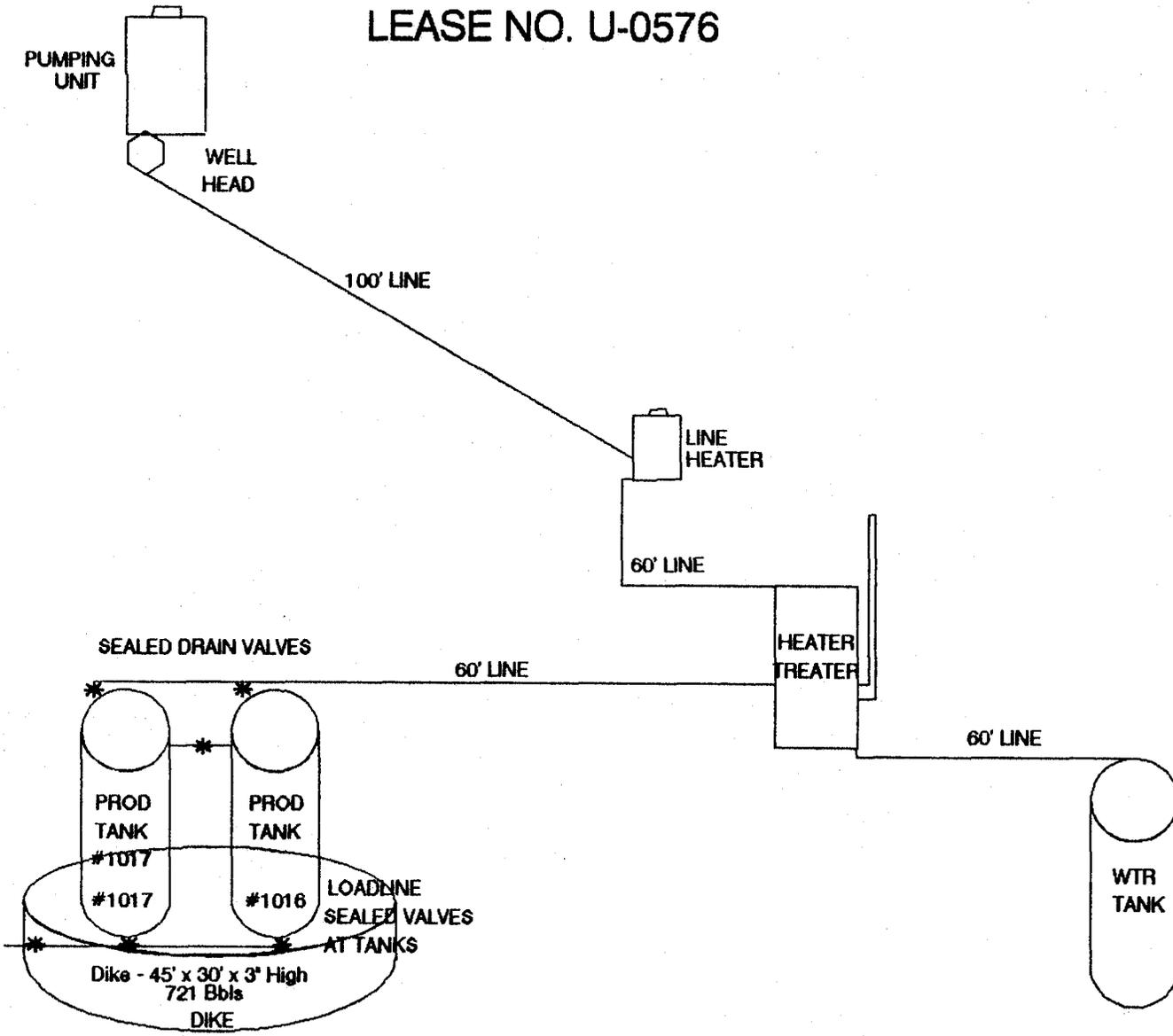
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

DUCK BUTTE 3-28
SECTION 28, T9S, R21E
UINTAH COUNTY UTAH
LEASE NO. U-0576



ENRON

OIL & GAS COMPANY

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

October 11, 1991

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

CONFIDENTIAL

RE: COMPLETION REPORT & SUNDRY NOTICE
DUCK BUTTE 3-28
NESE Sec. 28, T9S, R21E S.L.B. & M
Uintah County, Utah
LEASE NO. U-0576

Attn: Ed Forsman

Dear Mr. Forsman:

Attached please find a Completion report and Sundry Notice on subject well.

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

/lwCompsund

RECEIVED

OCT 15 1991

DIVISION OF
OIL GAS & MINING

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

SUBMIT IN TRIPlicate
(Other instruction on
verse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0576	
2. NAME OF OPERATOR ENRON OIL & GAS COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. BOX 1815, VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1781' FSL & 645' FEL NE/SE		8. FARM OR LEASE NAME DUCK BUTTE	
14. PERMIT NO. 43-047-32027		9. WELL NO. 3-28	
15. ELEVATIONS (show whether DF, RY, GR, etc.) 4932'		10. FIELD AND POOL OR WILDCAT WILDCAT	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 28, T9S, R21E	
		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:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) Completion	<input checked="" type="checkbox"/>
(Other)		(NOTE: Report results of multiple completion on Well Completion of Recompletion Report and Log form.)	

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

*Enron Oil & Gas Company completed the subject well as follows:
Perfed 4015-4022', 4031-4078' and 4083-4092' w/2 SPF. Fraced down casing w/34,734 gal YF-140 w/87,000# 16/30 sand & 32,000# 16/30 resin coated sand. Ran 2 3/8" 4.7# J-55 production string. Landed @ 3971' with PKR. Ran 1" 1.7# circulation string. Installed production facilities.*

CONFIDENTIAL

RECEIVED

OCT 15 1991

**DIVISION OF
OIL GAS & MINING**

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

SIGNED <u><i>Linda L. Wall</i></u>	TITLE <i>Sr. Admin. Clerk</i>	DATE <i>10/11/91</i>
(This space for Federal or State office use)	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.

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

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

CONFIDENTIAL

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
P.O. Box 1815, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 1718' FSL & 645' FEL NE/SE
At top prod. interval reported below
At total depth: _____

RECEIVED

OCT 15 1991

DIVISION OF
OIL GAS & MINING

14. PERMIT NO. 43-047-32027 5/7/91

5. LEASE DESIGNATION AND SERIAL NO.
U-0576

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Duck Butte

9. WELL NO.
3-28

10. FIELD AND POOL, OR WILDCAT
Duck Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 28, T9S, R21E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

15. DATE SPUNDED 8/11/91 16. DATE T.D. REACHED 8/16/91 17. DATE COMPL. (Ready to prod.) 9/26/91 18. ELEVATIONS (DF, RES. RT, OR, ETC.)* 4933' GR 19. ELEV. CASINGHEAD 4945'

20. TOTAL DEPTH, MD & TVD 4205' 21. PLUG, BACK T.D., MD & TVD 4,152' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS All 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Green River K-1 4015-4022', 4031-4078', 4083-4092'

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN DIPMETER MONITOR, MUD LOG, MEAN SQUARE DIO
Dual Laterolog/GR/Caliper FDC-CNL/GR/ CBL/VDL/GR/CCL 8-21-91

27. WAS WELL CORED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0#	216'	12 1/4"	150 SX Class "G" cmt.	None
5 1/2"	15.5#	4202'	7 7/8"	100 Sx Hi-Fill & 100 Sx 50/50 Pozmix.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3971'	3971'
1	3000'	

31. PERFORATION RECORD (Interval, size and number)

4015-4022'	.544"	2	SPF
4031-4078'	.544"	2	SPF
4083-4092'	.544"	2	SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4015-4022'	34,734 gal YF-140
4031-4078'	W/87,000# 16/30 sand.
4083-4092'	& 32,000# 16/30 resin coated sand.

33. PRODUCTION

DATE FIRST PRODUCTION 9/26/91 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" x 1 1/2" x 16' RWAC w/Neutralizer Valve WELL STATUS (Producing or shut-in) Prod.

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
9/26/91	14	--	→	32	--	0	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)
35 PSIG	PKR	→	55	--	0	

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

TEST WITNESSED BY
Tom Hufford

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 Luella L. Wall TITLE Sr. Admin. Clerk DATE 10/11/91

INSTRUCTIONS

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

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

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

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

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

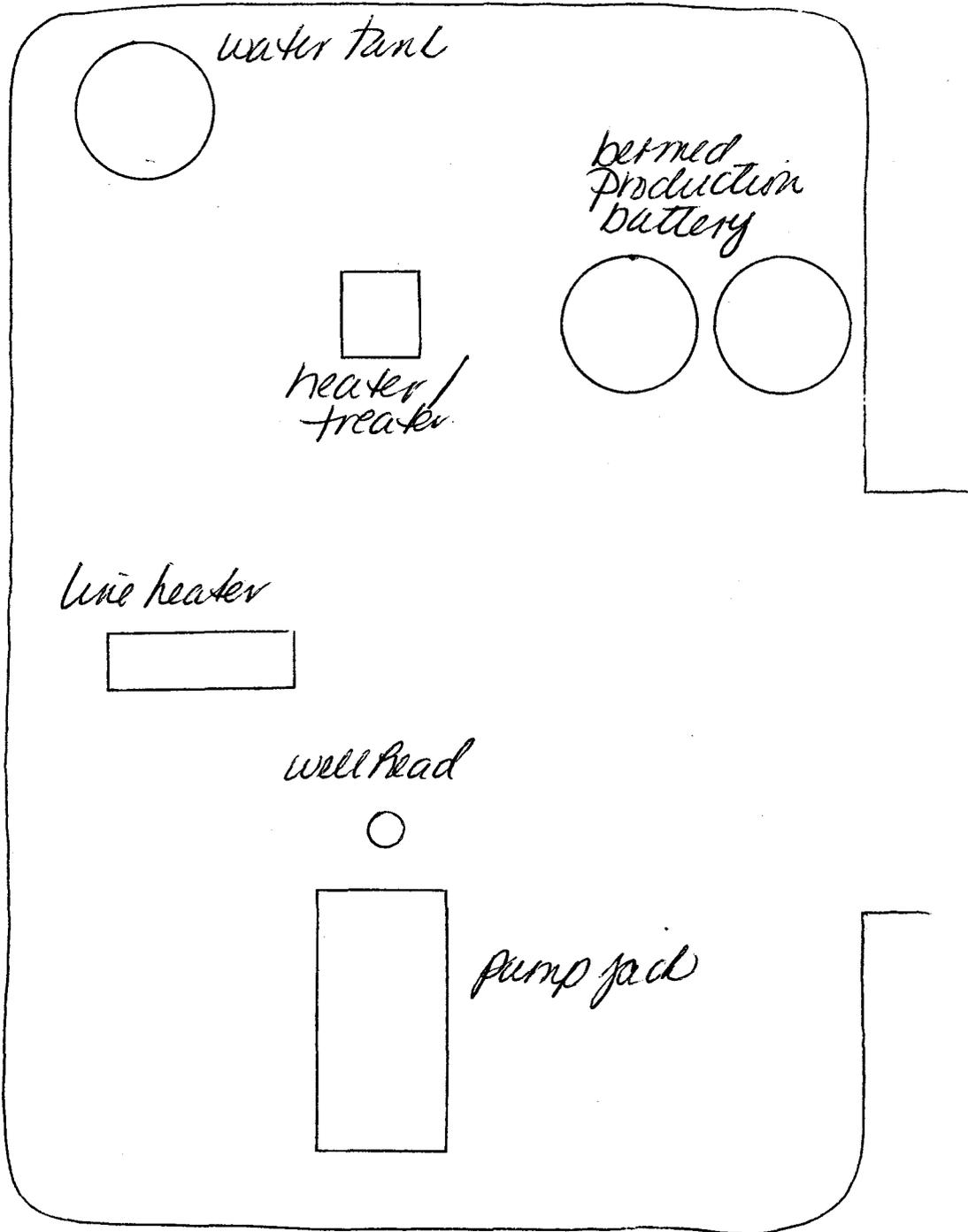
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COSED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUB VERT. DEPTH
				GREEN RIVER		
				Oil Shale	1620'	+3327'
				"H" Marker	3100'	+1847'
				"J" Marker	3816'	+1118'
				K-1 Sand	4033'	+ 911'

38. GEOLOGIC MARKERS

Duck Butte 3-28 Sec 28 T9&R91& Hubby 11.5.91



ENRON

Oil & Gas Company

P.O. Box 250 Big Piney, Wyoming 83113 (307) 276-3331

November 26, 1991

Mr. Ed Forsman
Bureau Of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

well completed 9/26/91

RE: DUCK BUTTE 3-28
LEASE: U 0576
NESE, SEC. 28, T9S, R21E
UINTAH COUNTY, UTAH

Dear Mr. Forsman:

Please find attached a Sundry Notice requesting authorization to temporarily vent associated gas from the Duck Butte 3-28 well in Section 28, T9S, R21E, Uintah County, Utah. This well was originally completed as a rod pumped wildcat oil well in September, 1991 for an IP of 32 BOPD, 0 BWPD, and GTSTM. Modifications to the pumping system following initial production resulted in an increase in production to 150 BOPD, 0-2 BWPD, and 60 MCFD *GOR 400* (including an estimated 35-40 MCFD for lease fuel). A bottom hole pressure was taken on November 18th which indicated a 50% decline from original reservoir pressure as measured by DST in August. The well was returned to production without rerunning the downhole pump *400 to 2000 GOR* and has been flowing approximately 250 BOPD, 0 BWPD, and 100-500 *2000 GOR* MCFD since that time. The change in performance of this well is attributed to the decrease in pressure to below bubble point and it is probable that the reservoir is extremely limited. In order to allow time for reservoir evaluation, monitoring of well performance, and determination of the economics of gas recovery, Enron requests authorization to vent associated gas until April 1, 1992.

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

Very truly yours,

ENRON OIL & GAS COMPANY

Darrell E. Zlomke
for Darrell E. Zlomke
District Manager

kc

cc: D. Weaver
T. Miller
D. Cross - 2365
Vernal Office
File

RECEIVED

DEC 02 1991

DIVISION OF
OIL GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990

SUNDRY NOTICE 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

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 250, BIG PINEY, WY 83113 (307) 276-3331

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

**1781' FSL - 645' FEL NE/SE
SECTION 28, T9S, R21E**

5. Lease Designation and Serial No.
U 0576

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

8. Well Name and No.
DUCK BUTTE 3-28

9. API Well No.

43-047-32027

10. Field and Pool or Exploratory Area
WILDCAT

11. County or Parrish, State

UINTAH UTAH

12. CHECK 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"/> 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 checked="" type="checkbox"/> OTHER <u>VENTING GAS</u>
	<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

(Note: Report results of multiple completion on Well Completions 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 authorization to vent associated gas from the Duck Butte 3-28 oil well until April 1, 1992, in order to allow adequate time for reservoir evaluation and determination of the economic viability of gas compression.

RECEIVED

DEC 02 1991

DIVISION OF
OIL GAS & MINING

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

SIGNED Fely Carha TITLE Regulatory Analyst DATE 11-26-91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

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

December 10, 1991

Darrell E. Zlomke, District Manager
Enron Oil and Gas Company
P.O. Box 250
Big Piney, Wyoming 83113

Dear Mr. Zlomke:

Re: Administrative Approval - Gas Flaring or Venting, Duck Butte 3-28 Well, Sec. 28, T. 9S, R. 21E, Uintah County, Utah

We are in receipt of a copy of your correspondence and attached Sundry Notice dated November 26, 1991, addressed to the Bureau of Land Management, Vernal District, regarding the referenced matter. We appreciate your efforts to provide this office the necessary information regarding the appropriate gas flaring or venting approval.

Pursuant to Utah Admin. R. 615-3-20(3), Enron Oil and Gas Company is authorized to flare or vent gas from the referenced well at an unrestricted for up to 30 days of testing or of no more than 50 MMCF of gas, whichever is less starting with the date the well was returned to production. Enron is required to promptly notify the Division of the date the well was returned to production at the increased flow rates and to adequately monitor and report the gas flaring or venting volumes throughout the reservoir evaluation period.

Flaring or venting of gas in an amount greater than provided for by this administrative approval requires the approval of the Board of Oil, Gas and Mining. If such an additional approval is necessary, a Request for Agency Action and hearing before the Board of Oil, Gas and Mining will be required.

Page 2
Darrell E. Zlomke
December 10, 1991

If you have any questions or need additional information, please contact Frank Matthews or R.J. Firth at this office.

Best regards,

A handwritten signature in cursive script that reads "Dianne R. Nielson". The signature is written in dark ink and is positioned above the printed name and title.

Dianne R. Nielson
Director

ldc
cc: Board of Oil, Gas and Mining
R.J. Firth
F.R. Matthews
Ed Forsman, BLM, Vernal Office
Well file
WOI53

ENRON

OIL & GAS COMPANY

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

March 4, 1992

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

RE: SUNDRY NOTICE - UPDATED SCHEMATIC
DUCK BUTTE 3-28
Sec. 28, T9S, R21E
Uintah County, Utah
Lease No. U-0576

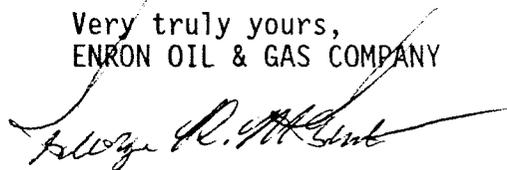
Attn: Ed Forsman:

Dear Mr. Forsman:

Please find attached for your approval a Sundry Notice and updated schematic on subject well.

If your 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
Diane Cross - Houston
File

/lwSundry

RECEIVED

MAR 05 1992

DIVISION OF
OIL GAS & MINING

**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-0576

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
ENRON OIL & GAS COMPANY

8. FARM OR LEASE NAME
DUCK BUTTE

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

9. WELL NO.
3-28

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1718' FSL & 645' FEL NE/SE

10. FIELD AND POOL OR WILDCAT
DUCK BUTTE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 28, T9S, R21E

14. PERMIT NO.
43-047-32027

15. ELEVATIONS (show whether DF, RY, GR, etc.)
4933'

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 PULL OR ALTER CASING
 FRACTURE TREAT MULTIPLE COMPLETE
 SHOOT OR ACIDIZE ABANDON*
 REPAIR WELL CHANGE PLANS
 (Other)

SUBSEQUENT REPORT OF:

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

(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 and Gas Company is submitting for approval an updated schematic on subject well.

RECEIVED

MAR 05 1992

DIVISION OF
OIL GAS & MINING

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

SIGNED *Linda S. Wall*

TITLE *Sr. Admin. Clerk*

DATE

3/4/92

APPROVED BY

TITLE

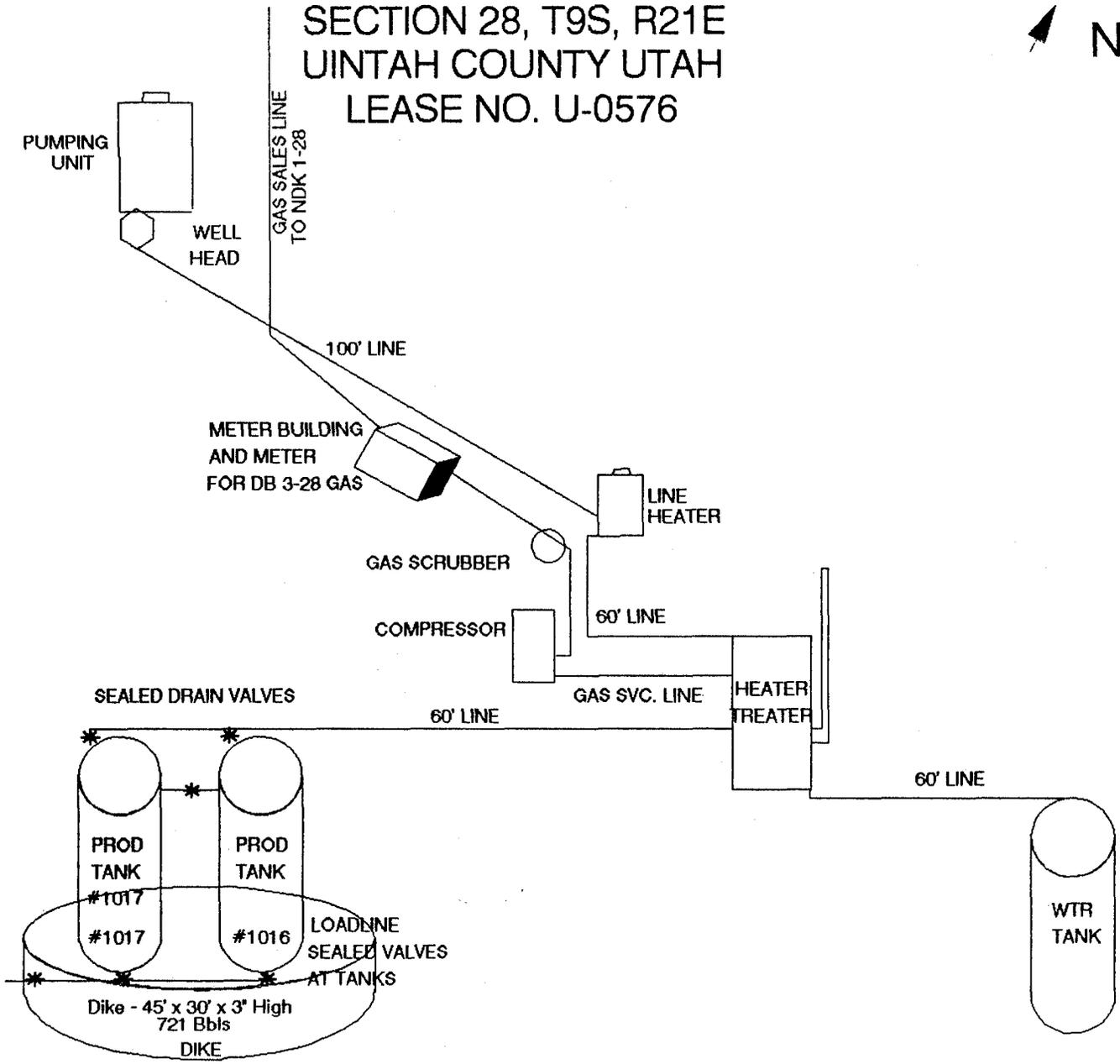
DATE

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.

DUCK BUTTE 3-28
 SECTION 28, T9S, R21E
 UINTAH COUNTY UTAH
 LEASE NO. U-0576



DUCKBUTTE328/LW

ENRON
Oil & Gas Company

P.O. Box 250 Big Piney, Wyoming 83113 (307) 276-3331

RECEIVED

JAN 19 1993

DIVISION OF
OIL GAS & MINING

January 12, 1993

Mr. Ed Forsman
Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

RE: WELL STATUS
DUCK BUTTE 3-28
NE/SE, SEC. 28, T9S, R21E
UINTAH COUNTY, UTAH

Mr. Forsman:

Please find attached a Sundry Notice of the current status of the referened well.

If you additional information is required, please contact this office.

Sincerely,

for 
C.C. Parsons
District Manager

js

cc: UOG&M
D. Weaver
A.C. Morris
J. Tigner - EB 2043
D. Cross - EB 2370
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990

SUNDRY NOTICE 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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

RECEIVED

2. Name of Operator

ENRON OIL & GAS COMPANY

JAN 19 1993

3. Address and Telephone No.

P.O. BOX 250, BIG PINEY, WY 83111 (307) 276-3331

DIVISION OF
MINE & MINING

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

**1781' FSL - 645' FEL (NE/SE)
SECTION 28, T9S, R21E**

5. Lease Designation and Serial No.
U-0576

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

8. Well Name and No.

DUCK BUTTE 3-28

9. API Well No.

43-047-32027

10. Field and Pool or Exploratory Area
WILDCAT

11. COUNTY STATE

UINTAH, UTAH

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

TYPE OF SUBMISSION

TYPE OF ACTION

- NOTICE OF INTENT
- SUBSEQUENT REPORT
- FINAL ABANDONMENT NOTICE

- ABANDONMENT
- RECOMPLETION
- PLUGGING BACK
- CASING REPAIR
- ALTERING CASING
- OTHER

- CHANGE OF PLANS
- NEW CONSTRUCTION
- NON-ROUTINE FRACTURING
- WATER SHUT-OFF
- CONVERSION TO INJECTION

WELL STATUS

(Note: Report results of multiple completion on Well Completions 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).

The subject well was shut-in December 30, 1992, due to marginal production rates.
The current status of the well is OSI pending further engineering evaluation and review.

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

SIGNED *Tate Carlson* TITLE **Regulatory Analyst**

DATE **1-11-93**

(This space for Federal or State office use)

APPROVED BY

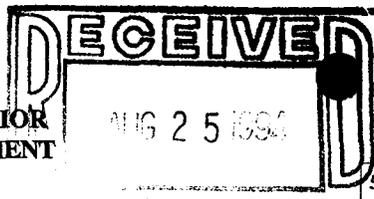
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990

SUNDRY NOTICE 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"

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-0576
2. Name of Operator ENRON OIL & GAS COMPANY	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331	7. If Unit or C.A., Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1781' FSL - 645' FEL NE/SE SECTION 28, T9S, R21E	8. Well Name and No. DUCK BUTTE 3-28
	9. API Well No. 43-047-32027
	10. Field and Pool or Exploratory Area DUCK BUTTE
	11. COUNTY STATE UINTAH UTAH

12. CHECK APPROPRIATE BOX(S) 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"/> 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 checked="" type="checkbox"/> OTHER REVISED P & A
	<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

(Note: Report results of multiple completion on Well Completions 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 proposes to Plug & Abandon with zone test the subject well as follows:

1. Set CIBP @ 3950'. Spot 2 sx cement on CIBP.
2. Perforate Green River @ 3350-60' w/2 SPF.
3. Swab and flow test interval. If test results warrant, a stimulation procedure will be written for the well. If not, continue with P&A.
4. Set cement plug across perfs 3350-60'. POH w/tubing.
5. Perforate 4 holes @ 270' KB.
6. RIH w/tubing and tag plug @ 3150' with BLM representative present.
7. POH w/tubing to 270'. With 5-1/2" X 8-5/8" annulus open and 2-7/8" X 5-1/2" annulus closed circulate fresh water. Mix and pump 40 sx Class "G" cement.
8. Set surface plug in 5-1/2" casing w/15 sx Class "G" cement.
9. Set Dry hole marker per regulations.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct.
SIGNED Kenda C. Lannoy TITLE Engineering Clerk DATE 08/23/94

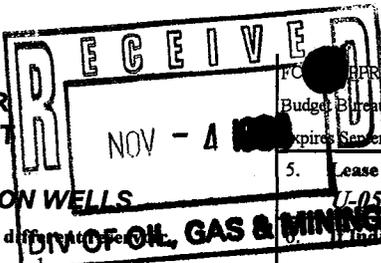
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FOIA APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different type of well.
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well Oil <input type="checkbox"/> WELL Gas <input checked="" type="checkbox"/> Well Other <input type="checkbox"/>		5. Lease Designation and Serial No. 1-0516
2. Name of Operator ENRON OIL & GAS COMPANY		6. If Unit or C.A., Agreement Designation
3. Address and Telephone No. P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331		8. Well Name and No. DUCK BUTTE 3-28
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1781' FSL - 645' FEL NE/SE		9. API Well No. 43-047-32027
5. SECTION 28, T9S, R21E		10. Field and Pool or Exploratory Area DUCK BUTTE
		11. COUNTY STATE UINTAH UTAH

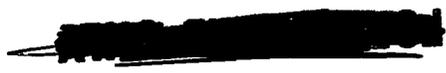
12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> 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 checked="" 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 type="checkbox"/> TEST POTENTIAL

(Note: Report results of multiple completion on Well Completions 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 proposes to remove the rods and tubing from the referenced well and set a CIBP at 3950' KB above the existing Green River perforations. We plan to test additional potential in this well in 1995 and proceed with plug and abandonment if unsuccessful. A sundry notice of our proposed testing and abandonment procedure was submitted 8/23/94.



Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

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

SIGNED Kenda Larney TITLE Engineering Clerk DATE 10/31/94

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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.

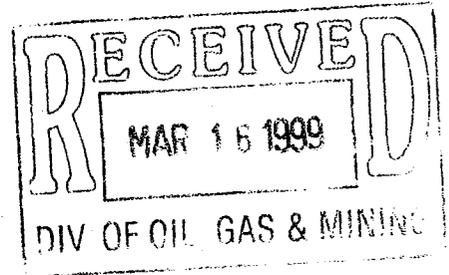


**Enron Oil & Gas
Company**

1540 Belco Drive
P.O. Box 250
Big Piney, WY 83113
(307) 276-3331
Fax (307) 276-3335

March 12, 1999

U.S. Dept. of the Interior
Bureau of Land Management
170 S. 500 E.
Vernal, Utah 84078
Attn: Mr. Ed Forsman



Re: Shut in well status – Uintah Co., Utah

Dear Mr. Forsman:

Several shut in wells in the Natural Buttes, Chapita Wells, and Stagecoach Units were recently reviewed for workover or recompletion potential. Attached are Sundry Notices describing Enron's intentions concerning the future operation of each of these wells.

If you have questions concerning any of our proposals or would like additional information, please contact Jim Schaefer at Enron's Big Piney, Wyoming office.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jim Schaefer".

Jim Schaefer
Area Production Manager

Cc: Toni Miller – Denver
George McBride – Vernal
JRS
File

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

FOR APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990

SUNDRY NOTICE 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
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 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**1781' FSL - 645' FEL (NE/SE)
SECTION 28, T9S, R21E**

5. Lease Designation and Serial No.
U 0576

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

8. Well Name and No.
DUCK BUTTE 3-28

9. API Well No. **27**
43-047-32037

10. Field and Pool or Exploratory Area
DUCK BUTTE/WILDCAT

11. COUNTY STATE
UINTAH, UTAH

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

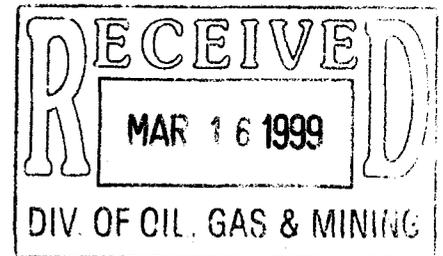
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> ABANDONMENT
<input type="checkbox"/> SUBSEQUENT REPORT	<input type="checkbox"/> RECOMPLETION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK
	<input type="checkbox"/> CASING REPAIR
	<input type="checkbox"/> ALTERING CASING
	<input checked="" 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

WELL STATUS

(Note: Report results of multiple completion on Well Completions 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).

The referenced well has been reviewed for workover and recompletion potential and has been recommended for plug and abandonment. A plug and abandonment procedure will be prepared and forwarded to your office by Sundry Notice.



*NOTE: Enron will be using Nationwide Bond #NM 2308

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

SIGNED *Daty Carlson* TITLE Regulatory Analyst DATE 3/11/99

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 3-16-99
By: RJK

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

SUNDRY NOTICE 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

SUBMIT IN TRIPLICATE

FOR APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990

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 250, BIG PINEY, WY 83113 (307) 276-3331

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

**1781' FSL - 645' FEL (NE/SE)
SECTION 28, T9S, R21E**

5. Lease Designation and Serial No.
U 0576

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

8. Well Name and No.

DUCK BUTTE 3-28

9. API Well No.
43-047-32087

10. Field and Pool or Exploratory Area
DUCK BUTTE/WILDCAT

11. COUNTY STATE
UINTAH, UTAH

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

TYPE OF SUBMISSION

TYPE OF ACTION

NOTICE OF INTENT
 SUBSEQUENT REPORT
 FINAL ABANDONMENT NOTICE

ABANDONMENT
 RECOMPLETION
 PLUGGING BACK
 CASING REPAIR
 ALTERING CASING
 OTHER

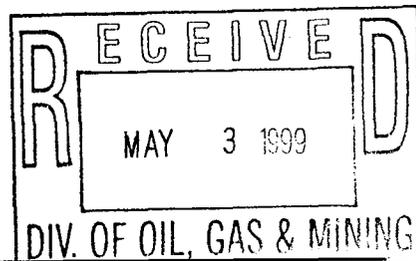
CHANGE OF PLANS
 NEW CONSTRUCTION
 NON-ROUTINE FRACTURING
 WATER SHUT-OFF
 CONVERSION TO INJECTION

(Note: Report results of multiple completion on Well Completions 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 proposes to permanently plug & abandon the referenced well as follows:

- 1. Set CIBP @ 3965'±. Spot 3 sx Class "G" cement on top of CIBP.**
- 2. Perforate Green River from 3351-55'. Swab/flow test. If test warrant, well will be stimulated and placed on production. If tests are not commercial the plugging and abandonment will continue.**
- 3. Set CIBP @ 3300'±. Spot 3 sx Class "G" cement on top of CIBP.**
- 4. Perforate 2 squeeze holes @ 1700'. RIH with tubing to 1500'. With 5-1/2" X 8-5/8" annulus open and 2-7/8" X 5-1/2" annulus shut in, break circulation. Mix & pump 70 sx Class "G" cement down 2-7/8" tubing. POH.**
- 5. Perforate 2 squeeze holes @ 270'. With 5-1/2" X 8-5/8" annulus open and 2-7/8" X 5-1/2" annulus shut in, break circulation. Mix & pump 90 sx Class "G" cement down casing.**
- 6. Cut off casing 3' below ground level and install cap & dry hole marker per BLM regulations.**



***NOTE: Enron will be using Nationwide Bond #NM 2308**

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

SIGNED *Ratya Carlson*

TITLE **Regulatory Analyst**

DATE **4/30/99**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*Federal Approval of this
Action is Necessary*

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

SUNDRY NOTICE 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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil WELL Gas Well Other

5. Lease Designation and Serial No.
U 0576

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

8. Well Name and No.
DUCK BUTTE 3-28

9. API Well No. *27*
43-047-32037

10. Field and Pool or Exploratory Area
DUCK BUTTE/WILDCAT

11. COUNTY STATE
UINTAH, UTAH

3. Address and Telephone No.
P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
*1781' FSL - 645' FEL (NE/SE)
SECTION 28, T9S, R21E*

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

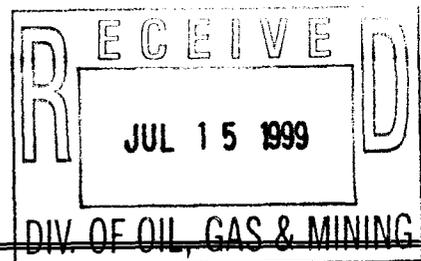
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT	<input checked="" type="checkbox"/> ABANDONMENT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT	<input type="checkbox"/> RECOMPLETION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK
	<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

(Note: Report results of multiple completion on Well Completions 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 permanently plugged & abandoned the referenced well as follows:

1. Set CIBP @ 3950'±. Spotted 3 sx Class "G" cement on top of CIBP.
2. Perforated Green River from 3351-55'. Swab tested.
3. Set CIBP @ 3290'±. Spotted 3 sx Class "G" cement on top of CIBP.
4. Perforated 4 squeeze holes @ 1700'. RIH with tubing to 1500'. With 5-1/2" X 8-5/8" annulus open and 2-7/8" X 5-1/2" annulus shut in, broke circulation. Pumped 70 sx Class "G" cement down 2-7/8" tubing. Displaced cement to 1200'. POH.
5. Perforate 4 squeeze holes @ 120'. Pumped 100 sx RFC cement down casing. Circulated cement to surface.
6. Cut off casing 3' below ground level and installed cap & dry hole marker per BLM regulations 7/06/99.
7. Reclamation of road & location will be completed in the Fall of 1999.



*NOTE: Enron will be using Nationwide Bond #NM 2308

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

SIGNED *Laty Carbo* TITLE *Regulatory Analyst*

DATE *7/12/99*

(This space for Federal or State office use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY: