

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

JAP 11/17/97

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE ☐

2. NAME OF OPERATOR

Enron Oil & Gas Company

3. ADDRESS AND TELEPHONE NO.

P. O. Box 2267, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with applicable State requirements)

At surface
990' FSL & 1650' FWL

At proposed prod. zone

990' FSL & 1650' FWL

ut. N

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

6 miles Southwest from Loco Hills

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 990'
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. N/A

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

11900

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3545'

ROCKWELL OIL FIELD WATER BASIN

22. APPROX. DATE WORK WILL START*

November 20, 1997

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4	11 3/4 H-40 A ST	T&C 42#	650	250 sx Class C CIRC
11	8 5/8 J-55 LT&C	32#	4000	800 sx Premium Plus CIRC
7 7/8	5 1/2 S-95 & N-80	T&C 17#	11700	735 sx 50/50 CL H

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on leased land or portions thereof as shown below:

Sec. 35, T17S, R29E
Eddy County, NM
Federal Bond #: 0748 with
endorsement to New Mexico

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

Post ID-1
12-12-97
API & Loc

acc
12/3/97

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 JohnstonTITLE AgentDATE 11/11/97

(This space for Federal or State Office use)

PERMIT NO. _____

APPROVAL DATE _____

Application approval 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.
CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.) TONY L. FERGUSON

APPROVED BY _____

TITLE _____

ADM. MINERALS

DATE

12-3-97

*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 a false statement or materially false information, or to conceal or destroy any document or record within its jurisdiction.



RECEIVED

NOV 17 1950

1021 221

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-215-29961		*Pool Code 89872	*Pool Name
*Property Code	*Property Name STW "35" FEDERAL COM.		*Well Number 1
*OGRID No.	*Operator Name ENRON OIL & GAS COMPANY		*Elevation 3545'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	17-S	29-E		990	SOUTH	1650	WEST	EDDY

11	Bottom Hole Location If Different From Surface
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UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12	12								

"Dedicated Acres	"Joint or Infill	"Consolidation Code	"Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16					<div style="border: 1px solid black; padding: 5px;"> <p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> <p style="text-align: center; font-family: cursive; font-size: 1.2em;">Linda Johnston</p> </div> <p>Signature</p> <p>Linda Johnston</p> <p>Printed Name</p> <p>Agent</p> <p>Title</p> <p>10/27/97</p> <p>Date</p> </div>
					<div style="border: 1px solid black; padding: 5px;"> <p>18 SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to best of my belief.</i></p> <p style="text-align: right; font-weight: bold; font-size: 1.1em;">OCTOBER 20, 1997</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin-right: 20px;"> <p style="font-size: 1.5em; font-family: cursive;">Earl</p> </div> <div style="border: 2px solid black; border-radius: 50%; padding: 10px; text-align: center;"> <p style="margin: 0;">EARL FOOTER</p> <p style="margin: 0;">NEW MEXICO</p> <p style="margin: 0;">REGISTERED PROFESSIONAL LAND SURVEYOR</p> <p style="margin: 0; font-size: 1.2em;">8278</p> </div> </div> </div> <p>Certificate Number</p> <p style="text-align: center; font-size: 1.2em;">8278</p>

16

LAT.=32°47'10.97125"

LONG.=104°02'53.26067"

Y=649914.481

X=587649.436

1650'

1080'

ENRON OIL & GAS COMPANY
STW "35" FEDERAL COM. NO. 1
990' FSL & 1650' FWL
SEC. 35, T17S, R29E
EDDY COUNTY, NM

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (5000 psi WP) preventer and an annular preventer (5000 psi WP). Units will be hydraulically operated and the ram-type will be equipped with blind rams on top and drill pipe rams on bottom. All will be installed on the 11 3/4" surface casing and used continuously until TD is reached. All BOP's and accessory equipment will be tested to 600 psi before drilling out of surface casing. Before drilling out of intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000 psi and the annular to 70% of rated working pressure (3500 psi).

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. A 2" kill line and 4" choke line will be included in the drilling spool located below the ram-type BOP. Other accessories to the BOP equipment will include a kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold with 5000 psi WP rating.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

The well will be drilled to TD with a combination of brine, cut brine, and polymer/KCL mud system. The applicable depths and properties of this system are as follows:

<u>Depth</u>	<u>Type</u>	<u>Wt (ppg)</u>	<u>Viscosity (sec)</u>	<u>Waterloss (cc)</u>
0-650'	Fresh Water (spud)	8.5	40-45	N.C.
650'-4000'	Brine Water	10.0	30	N.C.
4000'-TD	Cut Brine & Polymer/KCL	8.8-9.2	28	N.C.

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

(G) A kelly cock will be kept in the frill string at all times.

(H) A full opening drill pipe stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.