

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-025-31798

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

LG-4235

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☐ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

OIL WELL ☐ GAS WELL ☒ OTHER ☐

SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Lease Name or Unit Agreement Name

Diamond SM-36 State

8. Well No.

2

9. Pool name or Wildcat

Pitchfork Ranch (Morrow)

2. Name of Operator

Enron Oil & Gas Company

3. Address of Operator

P. O. Box 2267, Midland, Texas 79702

4. Well Location

Unit Letter N : 990 Feet From The south Line and 1980 Feet From The west Line

Section 36 Township 24S Range 33E NMPM Lea County

10. Proposed Depth

15,600'

11. Formation

Morrow

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3477' GL

14. Kind & Status Plug Bond

Blanket-Active

15. Drilling Contractor

Unknown at present

16. Approx. Date Work will start

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20	16	65	650	600	Circulated
14-3/4	10-3/4	45.5 & 40.5	5200	3000	Circulated
9-1/2	7-5/8	33.7 & 29.0	13300	2000	7000
6-1/2	4-1/2" Liner	15.10	15650	360	13325

BOP - Install at 5200' with 3000# cap and 2450# annular preventor. At 13,300' increase to 10,000# cap with 5000# annular preventor. Will use standard surface-controlled BOP installation.

Acreage is dedicated.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Betty Gildon

TITLE Regulatory Analyst

DATE

11/13/92

TYPE OR PRINT NAME

Betty Gildon

915/686-3714

TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY JERRY GILSON

DISTRICT I DISTRICT II

APPROVED BY

TITLE

DATE

DEC 17 '92

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

DISTRICT I
P. O. Box 1980
Hobbs, NM 88240

DISTRICT II
P. O. Drawer DD
Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd
Aztec, NM 87410

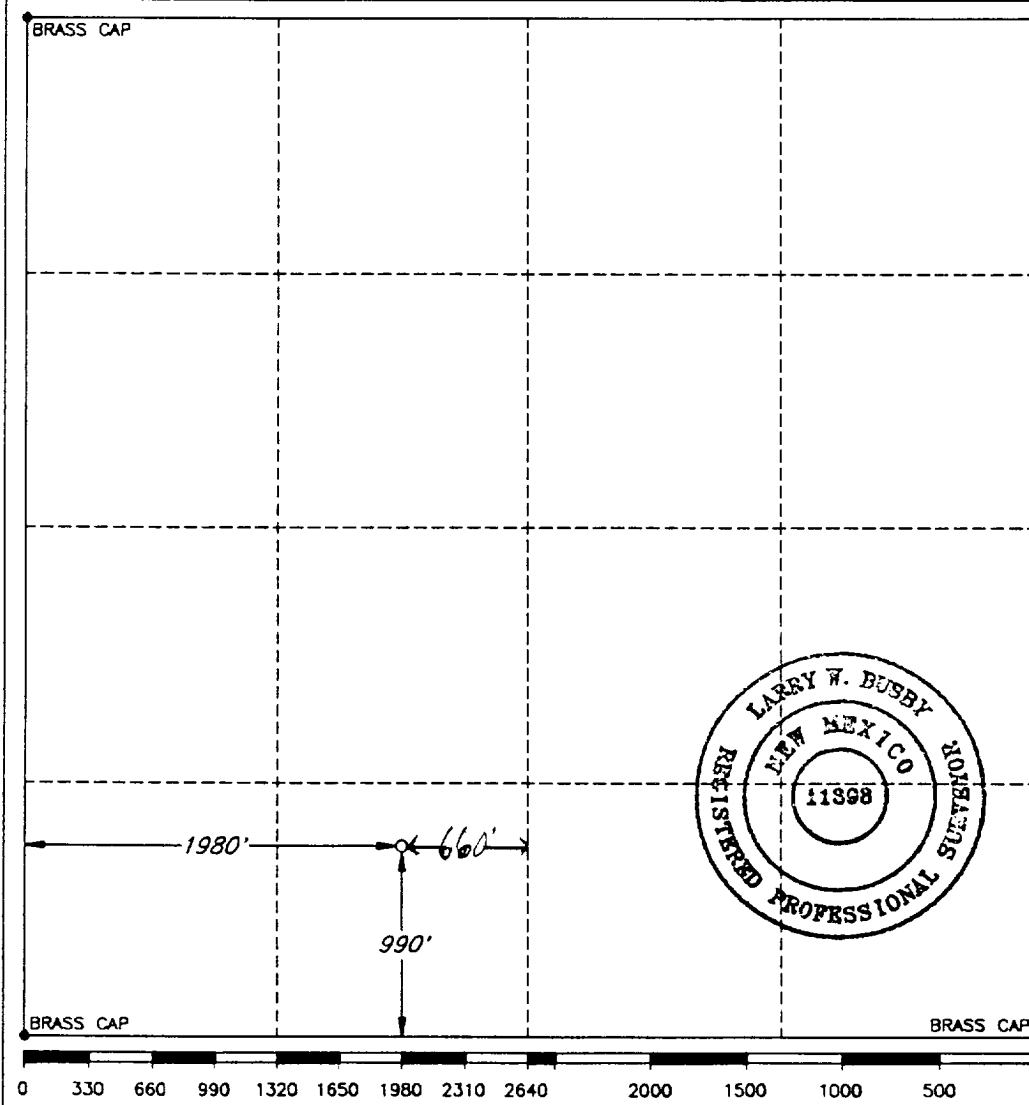
OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the section.

Operator ENRON OIL & GAS COMPANY			Lease DIAMOND "SM 36" STATE		Well No. 2
Unit Letter N	Section 36	Township 24 SOUTH	Range 33 EAST, N.M.P.M.	County LEA	
Actual Footage Location of Well					
990' feet from the SOUTH line and		1980' feet from the WEST line			
Ground Level Elev. 3477'	Producing Formation Morrow	Pool Pitchfork Ranch		320 W/2 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communitization, unitization, forced-pooling, etc.?
☐ Yes ☐ No If answer is "yes", type of consolidation _____
If the answer is "no", list the owners and tract descriptions which have actually been consolidated. (Use the reverse side of this form if necessary.) _____
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

Betty Gildon

Position

Regulatory Analyst

Company

Enron Oil & Gas Company

Date

11/13/92

SURVEYOR CERTIFICATION

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 the best of my knowledge and belief.

Date Surveyed

SEPTEMBER 11, 1992

Signature and Seal of
Professional Surveyor

Certificate No.

LARRY W. BUSBY R.P.S. #11398

cdg