

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

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

WELL API NO.
30-025 30749

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Warren 3

8. Well No.

9. Pool name or Wildcat
Pitchfork Ranch Morrow

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____
b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____

2. Name of Operator
Enron Oil & Gas Company

3. Address of Operator
P. O. Box 2667, Midland, Texas 79702

4. Well Location
Unit Letter K : 1980 Feet From The south Line and 1980 Feet From The west Line
Section 3 Township 25S Range 34E NMPM Lea County

10. Date Spudded 2-14-90 11. Date T.D. Reached 4-22-90 12. Date Compl. (Ready to Prod.) 5-31-90 13. Elevations (DF & RKB, RT, GR, etc.) 3357' GR 14. Elev. Casinghead 3357'

15. Total Depth 15,350 16. Plug Back T.D. 15,051' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools X Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name Morrow Sinatra 14,818'-14,838' 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run DLL/GR, DIFL GR, ZDL/CN/GR 22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65#	667'	20"	450 HLC & 360 C1 C	Circulated
10-3/4"	40.5, 45.5 & 51#	5,209'	14-3/4"	2500 HLC & 1325 C1 C	Circulated
7-5/8"	33.7, 29.7, & 39#	13,290'	9-1/2"	760 HLC & 450 C1 H	-

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	15,347'	12,970'	400 C1 H	-	2-3/8 & 2-7/8	14,516'	14,500

26. Perforation record (interval, size, and number)
15,153'-15,257' & 15,202'-15,527' (.34" 58)
14,818' - 14,838' (.34" 81)
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
15,153'-15,527' Cmt plug 15,051'-15,087'
14,818'-14,838' Frac w/19,934 gal 60% quality
co2 foam & 19,802# 20/40 interprop

28. PRODUCTION							
Date First Production 7-10-90		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Shut In	
Date of Test 7-28-90	Hours Tested 24	Choke Size 32/64	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 630	Water - Bbl. 5	Gas - Oil Ratio 0
Flow Tubing Press. 118	Casing Pressure 1700	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented Test Witnessed By

30. List Attachments
Inclination Report, Logs, C-104

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Betty Gildon Printed Name Betty Gildon Title Regulatory Analyst Date 7/31/90

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

SEE ATTACHED LIST

OIL OR GAS SANDS OR ZONES

No. 1, from...14,818.....to.....14,838.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....None.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	365	365	Surf rock & red bed	13215	13290	75	Shale
365	1584	1219	Anhy	13290	13818	528	Lime, Shale
1584	3675	2091	Salt, Anhy	13818	13960	142	Shale, Lime
3675	4568	983	Anhy	13960	14169	209	Lime
4568	5070	502	Salt	14169	14293	124	Lime, Shale
5070	6030	960	Anhy	14293	14365	72	Lime
6030	8190	2160	Sand	14365	14733	368	Lime, Shale
8190	9095	905	Lime, Sand, Shale	14733	14815	82	Chert, Lime, Sand, Shale
9095	9415	320	Sand	14815	14970	155	Lime, Shale, Sand
9415	9857	442	Shale, Lime	14970	15325	355	Lime, Shale
9857	10243	386	Chert, Lime, Shale	15325	15350	25	Shale
10243	10615	372	Shale				
10615	11481	886	Lime, Shale, Sand				
11481	13215	1734	Lime, Shale				

AUG 17 1967

ENRON OIL & GAS COMPANY
Warren 3, Well #2
Sec 3, T25S, R34E
Lea County, New Mexico

FORMATION TOPS

Delaware	5,309
Cherry Canyon	6,298
Cherry Canyon Mkr	6,542
Leonard	9,084
Bone Spring Lime	9,244
1st Bone Spring Sd	10,258
2nd Bone Spring Sd	10,766
Bone Spring Carb	11,422
3rd Bone Spring Sd	11,888
Wolfcamp Lime	12,206
Base Wlfcp 1m mkr	12,800
Wolfcamp Carb LS gas show	13,496
Penn LS	13,656
Strawn LS	13,680
Atoka Shale	13,772
Top Atoka Carb "reef"	13,800
Base Atoka Carb	14,052
Top Atoka Sand	14,054
Top Atoka Bank	14,101
Morrow Lime	14,314
Morrow Clastics	14,578
Morrow "A" Zone (no sd)	14,592
Morrow Warren Sand	14,682
Top Upper Sinatra Sand	14,816
Top Lower Sinatra Sand	14,826
"B" Sand	14,906
Mid MO Shale	15,076
Top MO "C" Sand	15,140
Base "C" Sand	15,224

WELL NAME AND NUMBER Rig #10 Enron Warren 3-2

LOCATION Section 3, T25S, R34E, Lea County, New Mexico
(Give Unit, Section, Township and Range)

30-025-30749

OPERATOR Enron Oil and Gas Company

1980/2 & W

DRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth

1/4 194

3/4 427

1 1/4 668

3/4 862

3/4 1,380

0 1,584

1/2 1,788

1/4 2,262

1 2,746

3/4 3,244

3/4 3,725

1/2 4,229

1-1/4 4,703

2-1/4 5,049

1-3/4 5,210

Degrees @ Depth

1-1/4 5,462

1 5,937

1 6,442

1-1/2 6,944

1-1/2 7,418

1-1/4 7,918

1-1/2 8,418

1-1/2 8,890

1-1/2 9,217

3/4 9,612

3/4 9,990

3/4 10,426

3/4 10,772

1 11,220

2 11,622

Degrees @ Depth

2 11,811

1-3/4 12,062

1-3/4 12,377

2 12,660

2 12,972

1-3/4 13,290

2 13,788

2 14,383

2 14,711

2-1/2 15,045

3 15,350

Drilling Contractor McVay Drilling Company

By: Joe Nelson Jr.

Subscribed and sworn to before me this 26 day of April, 1990

Phyllis Courtwright
Notary Public

My Commision Expires: 12/27/91

Lea County New Mexico