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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

1b. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

1c. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name
Lou Worthan

2. Name of Operator
Marathon Oil Company

3. Address of Operator
P.O. Box 552, Midland, Texas 79702

9. Well No.
20

10. Field and Pool, or Wildcat
Drinkard (Wantz Granite Wash)

4. Location of Well
UNIT LETTER F LOCATED 2310 FEET FROM THE North LINE AND 2000 FEET FROM _____

THE W&SC LINE OF SEC. 11 TWP. 22-S RGE. 37-E

11. County
Lea

15. Date Spudded 3-16-88 16. Date T.D. Reached 4-3-88 17. Date Compl. (Ready to Prod.) 7-1-88 18. Elevations (DF, RKB, RT, GR, etc.) 3355' GL 19. Elev. Casinghead 3355' GL

20. Total Depth 7565' 21. Plug Back T.D. 7462' 22. In Multiple Comp., How Many Two 23. Intervals Drilled By: Rotary Tools All Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
Wantz Granite Wash 7193'-7425'

25. Was Directional Curve Made
No

26. Type Electric and Other Logs Run
GR-DLL, LSS, DNL-SD, CBL

27. Was Well Cored
No

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

| CASING SIZE | WEIGHT LB. FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 8-5/8" | 24# | 1208' | 12-1/4" | 325 sx Class "C" | |
| 5-1/2" | 15.5# | 7558' | 7-7/8" | 622 sx 50/50 Poz | |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
| | | | | | 2-3/8" | 7197' | 7167' |

31. Perforation Record (Interval, size and number)
7193'-7425' w/2 JSPF (Selectively) (44 Holes, .41" Dia.)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|--|
| 7193'-7425' | 2500 Gals 7 1/2% HCl |
| 7193'-7425' | Frac 40,000 Gals Diesel w/42,000# 20/40 Sand |

33. PRODUCTION

Date First Production 4-15-88 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 1 1/2" Insert Well Status (Prod. or Shut-in) Producing

| Date of Test | Hours Tested | Shoke Size | Prod'n. Per Test Period | Oil - Bbl. | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|--------------|--------------|------------|-------------------------|------------|-----------|--------------|-----------------|
| 7-1-88 | 24 hrs | - | → | 17 | 48 | 8 | 2823.5 |

| Flow Tubing Press. | Casing Pressure | Entered 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | GR Gravity - API (Corr.) |
|--------------------|-----------------|----------------------|------------|-----------|--------------|--------------------------|
| - | - | → | 17 | 48 | 8 | 38.3 |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented

Test Witnessed By
Ralph Skinner

35. List of Attachments
Inclination Survey, Log List From #26 Above

36. 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.

SIGNED J.R. Jenkins - J. R. Jenkins TITLE Hobbs Prod. Superintendent DATE 7-21-88

INSTRUCTIONS

This form is to be filed with the State District Office of the Commission 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 radioactivity 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 30 through 34 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 11.5.

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 <u>1075</u> | T. Strawn _____ | T. Kirtland-Fruitland _____ | T. Penn. "C" _____ |
| B. Salt <u>2310</u> | T. Atoka _____ | T. Pictured Cliffs _____ | T. Penn. "D" _____ |
| T. Yates <u>2438</u> | T. Miss _____ | T. Cliff House _____ | T. Leadville _____ |
| T. 7 Rivers _____ | T. Devonian _____ | T. Menefee _____ | T. Madison _____ |
| T. Queen <u>3242</u> | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Grayburg <u>3568</u> | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres <u>3769</u> | T. Simpson _____ | T. Gallup _____ | T. Ignacio Qtzte _____ |
| T. Glorieta <u>4970</u> | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock <u>5012</u> | T. Ellenburger _____ | T. Dakota _____ | T. _____ |
| T. Blinebry <u>5323</u> | T. Gr. Wash <u>7114</u> | T. Morrison _____ | T. _____ |
| T. Tubb <u>5895</u> | T. Granite _____ | T. Todilto _____ | T. _____ |
| T. Drinkard <u>6175</u> | T. Delaware Sand _____ | T. Entrada _____ | T. _____ |
| T. Abo <u>6450</u> | T. Bone Springs _____ | T. Wingate _____ | T. _____ |
| T. Wolfcamp _____ | T. Penrose <u>3392</u> | T. Chinle _____ | T. _____ |
| T. Penn. _____ | T. Wantz Abo <u>7066</u> | T. Permian _____ | T. _____ |
| T. Cisco (Bough C) _____ | T. _____ | T. Penn. "A" _____ | T. _____ |

OIL OR GAS SANDS OR ZONES

| | |
|--|----------------------------|
| No. 1, from <u>7114</u> to <u>TD</u> | No. 4, from _____ to _____ |
| No. 2, from <u>7066</u> to <u>7114</u> | No. 5, from _____ to _____ |
| No. 3, from _____ to _____ | No. 6, from _____ to _____ |

IMPORTANT WATER SANDS

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

| | |
|----------------------------|-------------|
| No. 1, from _____ to _____ | _____ feet. |
| No. 2, from _____ to _____ | _____ feet. |
| No. 3, from _____ to _____ | _____ feet. |
| No. 4, from _____ to _____ | _____ feet. |

FORMATION RECORD (Attach additional sheets if necessary)

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|-------------------|--------------|------|----|-------------------|-----------|
| 1075 | 2310 | 1235 | Salt | | | | |
| 2438 | 3242 | 804 | Yates | | | | |
| 3242 | 3392 | 150 | Queen | | | | |
| 3392 | 3568 | 176 | Penrose | | | | |
| 3568 | 3769 | 201 | Grayburg | | | | |
| 3769 | 4970 | 1201 | San Andres | | | | |
| 4970 | 5012 | 42 | Glorieta | | | | |
| 5012 | 5323 | 311 | Paddock | | | | |
| 5323 | 5895 | 572 | Blinebry | | | | |
| 5895 | 6175 | 280 | Tubb | | | | |
| 6175 | 6450 | 275 | Drinkard | | | | |
| 6450 | 7066 | 616 | Abo | | | | |
| 7066 | 7114 | 48 | Wantz Abo | | | | |
| 7114 | TD | - | Granite Wash | | | | |