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

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| A-2614                                    |                              |

|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------|--|----------------------------------|--------------------------------|----------------------------------------|--------------------------------|-------------------------------------------------------------------|--|
| 1a. TYPE OF WELL                                                                                                                                                                                                        |  |                                                                     |  |                                  | 7. Unit Agreement Name         |                                        |                                |                                                                   |  |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                              |  |                                                                     |  |                                  | 8. Farm or Lease Name          |                                        |                                |                                                                   |  |
| b. TYPE OF COMPLETION                                                                                                                                                                                                   |  |                                                                     |  |                                  | McDonald State A/C 2           |                                        |                                |                                                                   |  |
| NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> |  |                                                                     |  |                                  | 9. Well No.                    |                                        |                                |                                                                   |  |
| 2. Name of Operator                                                                                                                                                                                                     |  |                                                                     |  |                                  | 30                             |                                        |                                |                                                                   |  |
| Marathon Oil Company                                                                                                                                                                                                    |  |                                                                     |  |                                  | 10. Field and Pool, or Wildcat |                                        |                                |                                                                   |  |
| 3. Address of Operator                                                                                                                                                                                                  |  |                                                                     |  |                                  | Drinkard                       |                                        |                                |                                                                   |  |
| P. O. Box 2409, Hobbs, New Mexico 88240                                                                                                                                                                                 |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
| 4. Location of Well                                                                                                                                                                                                     |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
| UNIT LETTER <u>A</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM                                                                                                                        |  |                                                                     |  |                                  | 12. County                     |                                        |                                |                                                                   |  |
| THE <u>East</u> LINE OF SEC. <u>13</u> TWP. <u>22S</u> RGE. <u>36E</u> SMPN                                                                                                                                             |  |                                                                     |  |                                  | <u>Lea</u>                     |                                        |                                |                                                                   |  |
| 15. Date Spudded                                                                                                                                                                                                        |  | 16. Date T.D. Reached                                               |  | 17. Date Compl. (Ready to Prod.) |                                | 18. Elevations (DF, RKB, RT, GR, etc.) |                                | 19. Elev. Casinghead                                              |  |
| 6-6-78                                                                                                                                                                                                                  |  | 6-28-78                                                             |  | 7-17-78                          |                                | 3443' GL; 3454' KB                     |                                | 3443'                                                             |  |
| 20. Total Depth                                                                                                                                                                                                         |  | 21. Plug Back T.D.                                                  |  | 22. If Multiple Compl., How Many |                                | 23. Intervals Drilled By               |                                | 24. Producing Interval(s), of this completion - Top, Bottom, Name |  |
| 6758'                                                                                                                                                                                                                   |  | 6751'                                                               |  |                                  |                                | Rotary Tools<br>0-6758'                |                                | 25. Was Directional Survey Made No<br>(Inclination Only)          |  |
| 26. Type Electric and Other Logs Run                                                                                                                                                                                    |  |                                                                     |  |                                  |                                |                                        |                                | 27. Was Well Cored                                                |  |
| GR-CNL-FDC-Caliper, GR-DLL, and GR-CBL-Collar Log                                                                                                                                                                       |  |                                                                     |  |                                  |                                |                                        |                                | No                                                                |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                      |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
| CASING SIZE                                                                                                                                                                                                             |  | WEIGHT LB./FT.                                                      |  | DEPTH SET                        |                                | HOLE SIZE                              |                                | CEMENTING RECORD                                                  |  |
| 8 5/8"                                                                                                                                                                                                                  |  | 24#                                                                 |  | 1312'                            |                                | 11"                                    |                                | 225 sx C1 C 4% Gel, 200 sx C1 C Neat                              |  |
| 5 1/2"                                                                                                                                                                                                                  |  | 17#                                                                 |  | *6758'                           |                                | 7 7/8"                                 |                                | 1st Stg-400 sx C1 C 6% Gel-250 sx C1 C                            |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | 50/50 Poz. 2nd Stg-1050 sx Halliburton                            |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | Light-200 sx C1 C w/5# Salt/Sk                                    |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
| 29. LINER RECORD                                                                                                                                                                                                        |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
| SIZE                                                                                                                                                                                                                    |  | TOP                                                                 |  | BOTTOM                           |                                | SACKS CEMENT                           |                                | SCREEN                                                            |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | 2 3/8"                                                            |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | 6406'                                                             |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | 6410'                                                             |  |
| 30. TUBING RECORD                                                                                                                                                                                                       |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
| SIZE                                                                                                                                                                                                                    |  | DEPTH SET                                                           |  | PACKER SET                       |                                |                                        |                                |                                                                   |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
| 31. Perforation Record (Interval, size and number)                                                                                                                                                                      |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
| 6496', 6500', 04', 08', 15', 26', 37', 44', 52', 60', 66', 70', 91', 96', 6608', 16', 23', 38', 40' (2 JSPF)                                                                                                            |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                          |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
| DEPTH INTERVAL                                                                                                                                                                                                          |  |                                                                     |  |                                  | AMOUNT AND KIND MATERIAL USED  |                                        |                                |                                                                   |  |
| 6496-6640'                                                                                                                                                                                                              |  |                                                                     |  |                                  | 5000 gals 15% NE-HCL           |                                        |                                |                                                                   |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  | 6000 gals Versagel 1400 w/     |                                        |                                |                                                                   |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  | 30,000 # 100 Mesh Sand         |                                        |                                |                                                                   |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  | 60,000# 20/40 Sand             |                                        |                                |                                                                   |  |
| 33. PRODUCTION                                                                                                                                                                                                          |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
| Date First Production                                                                                                                                                                                                   |  | Production Method (Flowing, gas lift, pumping - Size and type pump) |  |                                  |                                |                                        | Well Status (Prod. or Shut-in) |                                                                   |  |
| 7-17-78                                                                                                                                                                                                                 |  | Flow                                                                |  |                                  |                                |                                        | Producing                      |                                                                   |  |
| Date of Test                                                                                                                                                                                                            |  | Hours Tested                                                        |  | Choke Size                       |                                | Prod'n. For Test Period                |                                | Oil - Bbl.                                                        |  |
| 8-14-78                                                                                                                                                                                                                 |  | 24 Hours                                                            |  | 32-64/64                         |                                |                                        |                                | 349                                                               |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | Gas - MCF                                                         |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | 356                                                               |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | Water - Bbl.                                                      |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | 683 Load                                                          |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | Gas - Oil Ratio                                                   |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | 1020                                                              |  |
| Flow Tubing Press.                                                                                                                                                                                                      |  | Casing Pressure                                                     |  | Calculated 24-Hour Rate          |                                | Oil - Bbl.                             |                                | Gas - MCF                                                         |  |
| 100#                                                                                                                                                                                                                    |  | 0                                                                   |  |                                  |                                | 349                                    |                                | 356                                                               |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | Water - Bbl.                                                      |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | 683                                                               |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | Oil Gravity - API (Corr.)                                         |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                  |                                |                                        |                                | 36°                                                               |  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                              |  |                                                                     |  |                                  |                                |                                        |                                | Test Witnessed By                                                 |  |
| Sold                                                                                                                                                                                                                    |  |                                                                     |  |                                  |                                |                                        |                                | D. E. Kennedy                                                     |  |
| 35. List of Attachments                                                                                                                                                                                                 |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
| GR-CNL-FDC-Caliper Log, GR-DLL, C-104, Inclination Report                                                                                                                                                               |  |                                                                     |  |                                  |                                |                                        |                                |                                                                   |  |
| 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                                                                                                                                                                                                                  |  | TITLE                                                               |  |                                  |                                | DATE                                   |                                |                                                                   |  |
| Willie R. Schuh                                                                                                                                                                                                         |  | Production Engineer                                                 |  |                                  |                                | August 15, 1978                        |                                |                                                                   |  |

# INSTRUCTIONS

This form is to be filed with the appropriate 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 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 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 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

T. Anhy 1115'  
T. Salt 1265'  
B. Salt 2440'  
T. Yates 2616'  
T. 7 Rivers 2880'  
T. Queen 3320'  
T. Grayburg 3636'  
T. San Andres 3890'  
T. Glorieta 5110'  
T. Paddock  
T. Blinbry 5454'  
T. Tubb 6172'  
T. Drinkard 6472'  
T. Abo  
T. Wolfcamp  
T. Penn.  
T. Cisco (Bough C)

T. Canyon  
T. Strawn  
T. Atoka  
T. Miss  
T. Devonian  
T. Silurian  
T. Montoya  
T. Simpson  
T. McKee  
T. Ellenburger  
T. Gr. Wash  
T. Granite  
T. Delaware Sand  
T. Bone Springs  
T.  
T.  
T.

### Northwestern New Mexico

T. Ojo Alamo  
T. Kirtland-Fruitland  
T. Pictured Cliffs  
T. Cliff House  
T. Menefee  
T. Point Lookout  
T. Mancos  
T. Gallup  
Base Greenhorn  
T. Dakota  
T. Morrison  
T. Todillo  
T. Entrada  
T. Wingate  
T. Chinle  
T. Permian  
T. Penn. "A"  
T. Penn. "B"  
T. Penn. "C"  
T. Penn. "D"  
T. Leadville  
T. Madison  
T. Elbert  
T. McCracken  
T. Ignacio Qtzite  
T. Granite  
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T.

## OIL OR GAS SANDS OR ZONES

No. 1, from 6496' to 6640' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ 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<br>in Feet | Formation               | From | To | Thickness<br>in Feet | Formation |
|------|-------|----------------------|-------------------------|------|----|----------------------|-----------|
| 0    | 1115' |                      | Redbeds                 |      |    |                      |           |
|      | 2440' |                      | Anhydrite & Salt        |      |    |                      |           |
|      | 3320' |                      | Lime & Shale            |      |    |                      |           |
|      | 3636' |                      | Sand-Shale-Dolomite     |      |    |                      |           |
|      | 3890' |                      | Lime & Dolomite         |      |    |                      |           |
|      | 5110' |                      | Lime-Dolomite-Anhydrite |      |    |                      |           |
|      | 6758' |                      | Lime-Dolomite-Shale     |      |    |                      |           |