

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION

P. O. BOX 2088

SANTA FE, NEW MEXICO

RECEIVED BY ON

JUN 24 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
ARTESIA, OFFICE

|                                                                                                      |  |
|------------------------------------------------------------------------------------------------------|--|
| 5a. Indicate Type of Lease<br>State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> |  |
| 5. State Oil & Gas Lease No.                                                                         |  |
| 7. Unit Agreement Name                                                                               |  |
| 8. Farm or Lease Name<br>Mesa State Com                                                              |  |
| 9. Well No.<br>3                                                                                     |  |
| 10. Field and Pool, or Wildcat<br>Diamond Mound-Atoka<br>Morrow                                      |  |
| 12. County<br>Chaves                                                                                 |  |
| 18. Elevations (DF, RKB, RT, GR, etc.)<br>3621' GR                                                   |  |
| 19. Elev. Casinghead<br>3621'                                                                        |  |
| 23. Intervals Drilled By<br>Rotary Tools X                                                           |  |
| 25. Was Directional Survey Made<br>No                                                                |  |
| 27. Was Well Cored<br>No                                                                             |  |

|                        |                                     |
|------------------------|-------------------------------------|
| NO. OF COPIES RECEIVED |                                     |
| DISTRIBUTION           |                                     |
| SANTA FE               | <input checked="" type="checkbox"/> |
| FILE                   | <input checked="" type="checkbox"/> |
| U.S.G.S.               | <input checked="" type="checkbox"/> |
| LAND OFFICE            |                                     |
| OPERATOR               |                                     |

TYPE OF WELL ☒ OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHERD. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHERName of Operator  
Mesa Petroleum Co.Address of Operator  
P. O. Box 2009, Amarillo, Texas 79189

Location of Well

UNIT LETTER L LOCATED 1980 FEET FROM THE south LINE AND 660 FEET FROM

THE west LINE OF SEC. 31 TWP. 15S RGE. 28E NMPM

3. Date Spudded 4-11-85 16. Date T.D. Reached 5-15-85 17. Date Compl. (Ready to Prod.) 6-8-85 18. Elevations (DF, RKB, RT, GR, etc.) 3621' GR 19. Elev. Casinghead 3621'

20. Total Depth 9260' 21. Plug Back T.D. 9171' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools X Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name  
9042'-9050' Morrow26. Type Electric and Other Logs Run  
GR-CNL-LTD-GR-SP-DLL-MSFL-GR-CCL-CNL-CCL-CBL-VDL

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD                                                   | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|--------------------------------------------------------------------|---------------|
| 13 3/8"     | 54.5#          | 962'      | 17 1/2"   | 840 sx Class C                                                     |               |
| 8 5/8"      | 32#            | 1855'     | 12 1/4"   | 900 sx Class C                                                     |               |
| 4 1/2"      | 11.6# & 13.5   | 9259'     | 7 7/8"    | 805 sx Class H, 440 Thrifty Mix + 485 sx Class H - DV tool @ 5990' |               |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2 3/8"        | 8945'     | 8945'      |

|                                                                                                 |                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Perforation Record (Interval, size and number)<br>9042'-9050' - 4 SPF 90° (.51 EHD) 32 holes | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL<br>NA<br>AMOUNT AND KIND MATERIAL USED<br>NA<br>Post ID-2<br>7-26-85<br>Camp & BK |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|

33. PRODUCTION

Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in)  
Flowing SI

| Date of Test       | Hours Tested    | Choke Size              | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.              | Gas - Oil Ratio |
|--------------------|-----------------|-------------------------|-------------------------|------------|--------------|---------------------------|-----------------|
| 6-17-85            | 24              | 23/64"                  |                         | --         | 3755         | --                        |                 |
| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.) |                 |
| 2320               |                 |                         | --                      | 3755       | --           | --                        |                 |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
VentedTest Witnessed By  
Ed Bannister35. List of Attachments  
Record of Inclination

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 Carolyn Cummings TITLE Regulatory Clerk DATE 6/21/85

XC: WF, CR, Reg., RZN, Acctg, Midland, D&amp;M, MC&amp;P, Reservoir, Gas Contracts, G. Fields

# 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 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

### Northwestern New Mexico

|                          |                           |                             |                         |
|--------------------------|---------------------------|-----------------------------|-------------------------|
| T. Anhy _____            | T. Canyon _____ -3870     | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____            | T. Strawn _____           | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt _____            | T. Atoka _____ -5140      | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates _____           | T. Miss _____ -5332       | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____        | T. Devonian _____         | T. Menefee _____            | T. Madison _____        |
| T. Queen _____ 2565      | T. Silurian _____         | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____ 2177   | T. Montoya _____          | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____ 1985 | T. Simpson _____          | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____ 488    | T. McKee _____            | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____      | T. Dakota _____             | T. _____                |
| T. Blinbry _____         | T. Gr. Wash _____         | T. Morrison _____           | T. _____                |
| T. Tubb _____ -870       | T. Granite _____          | T. Todilto _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____    | T. Entrada _____            | T. _____                |
| T. Abo _____ -1630       | T. Bone Springs _____     | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____ -2614  | T. Bursom _____ -3670     | T. Chinle _____             | T. _____                |
| T. Penn _____            | T. Chester _____ -5410    | T. Permian _____            | T. _____                |
| T. Cisco (Bough C) _____ | T. Chester Lm _____ -5593 | T. Penn. "A" _____          | T. _____                |

### OIL OR GAS SANDS OR ZONES

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

### FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness in Feet | Formation               | From | To | Thickness in Feet | Formation |
|------|------|-------------------|-------------------------|------|----|-------------------|-----------|
| 6500 | 6530 | 30'               | dolomite/anhydrite      |      |    |                   |           |
| 6530 | 6570 | 40'               | limestone/dolomite/anhy |      |    |                   |           |
| 6570 | 6730 | 160'              | ls/dolo/sh/chert        |      |    |                   |           |
| 6730 | 6900 | 170'              | ls/ch, trace sh         |      |    |                   |           |
| 6900 | 7760 | 860'              | ls/sh                   |      |    |                   |           |
| 7760 | 7850 | 90'               | sh/ls                   |      |    |                   |           |
| 7850 | 8360 | 510'              | ls/sh/ch                |      |    |                   |           |
| 8360 | 9180 | 820'              | ls/sh/sand              |      |    |                   |           |
| 9180 | 9260 | 80'               | ls/sh                   |      |    |                   |           |

WELL NAME AND NUMBER Rig #8 Mesa State Com #3

RECEIVED

LOCATION Section 31, T15S, R28E, Chaves County  
(Give Unit, Section, Township and Range)

MAY 17 1985

OPERATOR Mesa Petroleum

REGULATORY

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:

| <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> |
|------------------------|------------------------|------------------------|
| 0 102                  | 1 2,076                | 2 4,549                |
| 0 259                  | 2 2,479                | 1½ 4,643               |
| 1/4 397                | 1½ 2,632               | 1-3/4 4,736            |
| 1/4 548                | 1 2,866                | 1-3/4 4,830            |
| 1 672                  | 1½ 3,216               | 1½ 4,960               |
| 1½ 766                 | 2 3,372                | 1¾ 5,115               |
| 1-3/4 859              | 2½ 3,465               | 1-3/4 5,300            |
| 1-3/4 922              | 1-3/4 3,557            | 1 5,424                |
| 2 1,071                | 2 3,648                | 1½ 5,581               |
| 2 1,164                | 1½ 3,741               | 2-3/4 5,669            |
| 2 1,255                | 1¾ 3,835               | 2-3/4 5,735            |
| 1-3/4 1,347            | 1¾ 3,990               | 3 5,797                |
| 1-1/4 1,439            | 2¼ 4,207               | 1¾ 5,858               |
| 1-1/4 1,593            | 2½ 4,300               | 1½ 5,920               |
| 1 1,810                | 1-3/4 4,393            | 1½ 6,044               |

Drilling Contractor McVay Drilling CompanyBy: [Signature]

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

[Signature]  
Notary PublicMy Commision Expires December 27, 1985Socorro County New Mexico

WELL NAME AND NUMBER Rig#8 Mesa State Com #3LOCATION Section 31, T15S, R28E, Chaves County  
(Give Unit, Section, Township and Range)OPERATOR Mesa PetroleumDRILLING 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:

| <u>Degrees @ Depth</u>      | <u>Degrees @ Depth</u>      | <u>Degrees @ Depth</u>      |
|-----------------------------|-----------------------------|-----------------------------|
| <u>1 1/4</u> <u>6,322</u>   | <u>                    </u> | <u>                    </u> |
| <u>1 1/2</u> <u>6,499</u>   | <u>                    </u> | <u>                    </u> |
| <u>1 3/4</u> <u>6,776</u>   | <u>                    </u> | <u>                    </u> |
| <u>1 3/4</u> <u>7,179</u>   | <u>                    </u> | <u>                    </u> |
| <u>3/4</u> <u>7,582</u>     | <u>                    </u> | <u>                    </u> |
| <u>1</u> <u>7,702</u>       | <u>                    </u> | <u>                    </u> |
| <u>1 1/2</u> <u>8,110</u>   | <u>                    </u> | <u>                    </u> |
| <u>1/2</u> <u>8,546</u>     | <u>                    </u> | <u>                    </u> |
| <u>1 1/4</u> <u>8,978</u>   | <u>                    </u> | <u>                    </u> |
| <u>2</u> <u>9,260</u>       | <u>                    </u> | <u>                    </u> |
| <u>                    </u> | <u>                    </u> | <u>                    </u> |
| <u>                    </u> | <u>                    </u> | <u>                    </u> |
| <u>                    </u> | <u>                    </u> | <u>                    </u> |
| <u>                    </u> | <u>                    </u> | <u>                    </u> |
| <u>                    </u> | <u>                    </u> | <u>                    </u> |

Drilling Contractor McVay Drilling CompanyBy: [Signature]

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

[Signature]  
Notary Public

My Commision Expires: December 27, 1987Saca County New Mexico