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

Form C-105  
Revised 11-1-81

|                                                                                                                                                                                                                                                  |                        |                                                                                |                                                |                                                                                                     |                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------|
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                    |                        | RECEIVED<br>OCT 29 1981                                                        |                                                | 2. Indicate Type of Lease<br>State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> |                   |
| b. TYPE OF COMPLETION<br>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"/> |                        |                                                                                |                                                | 3. State Oil & Gas Lease No.                                                                        |                   |
| 2. Name of Operator<br>MESA PETROLEUM CO. /                                                                                                                                                                                                      |                        | O. C. D.                                                                       |                                                | 7. Unit Agreement Name                                                                              |                   |
| 3. Address of Operator<br>1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493                                                                                                                                                                         |                        | ARTESIA, OFFICE                                                                |                                                | 8. Form or Lease Name<br>ACME                                                                       |                   |
| 4. Location of Well<br>UNIT LETTER J LOCATED 2150 FEET FROM THE SOUTH LINE AND 2050 FEET FROM THE EAST LINE OF SEC. 30 TWP. 8S RGE. 26E                                                                                                          |                        |                                                                                |                                                | 9. Well No.<br>3                                                                                    |                   |
|                                                                                                                                                                                                                                                  |                        |                                                                                |                                                | 10. Field and Pool, or Wildcat<br>UNDESIGNATED ABO                                                  |                   |
| 15. Date Spudded<br>9-10-81                                                                                                                                                                                                                      |                        | 16. Date T.D. Reached<br>9-21-81                                               |                                                | 17. Date Compl. (Ready to Prod.)<br>10-13-81                                                        |                   |
| 18. Elevations (DF, RKB, RT, GR, etc.)<br>3682.2' GR                                                                                                                                                                                             |                        | 19. Elev. Casinghead<br>3682'                                                  |                                                |                                                                                                     |                   |
| 20. Total Depth<br>4800'                                                                                                                                                                                                                         |                        | 21. Plug Back T.D.<br>4733'                                                    |                                                | 22. If Multiple Compl., How Many<br>-                                                               |                   |
| 23. Intervals Drilled By<br>ALL                                                                                                                                                                                                                  |                        | Rotary Tools<br>ALL                                                            |                                                | Cable Tools<br>-                                                                                    |                   |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br>4534'---4615, ABO                                                                                                                                                           |                        |                                                                                |                                                | 25. Was Directional Survey Made<br>NO                                                               |                   |
| 26. Type Electric and Other Logs Run<br>GR-CLL/GR-CNL-FDC                                                                                                                                                                                        |                        |                                                                                |                                                | 27. Was Well Cored<br>NO                                                                            |                   |
| 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"                                                                                                                                                                                                                                          | 48#                    | 953'                                                                           | 17 1/2"                                        | 800HLW/300Thixset/250"C"/650Thixset                                                                 | -                 |
| 8 5/8"                                                                                                                                                                                                                                           | 24#                    | 1800'                                                                          | 11"                                            | 800HLW/300Thixset/300"C"                                                                            | -                 |
| 4 1/2"                                                                                                                                                                                                                                           | 10.5#                  | 4792'                                                                          | 7 7/8"                                         | 700HLW/450"C"                                                                                       | -                 |
| 29. LINER RECORD                                                                                                                                                                                                                                 |                        |                                                                                | 30. TUBING RECORD                              |                                                                                                     |                   |
| SIZE                                                                                                                                                                                                                                             | TOP                    | BOTTOM                                                                         | SACKS CEMENT                                   | SCREEN                                                                                              | PACKER SET        |
|                                                                                                                                                                                                                                                  |                        |                                                                                |                                                | 2 3/8"                                                                                              | 4416'             |
| 31. Perforation Record (Interval, size and number)<br>4534', 36', 38', 40', 47', 49', 53', 4613', 4615', total of 18 holes<br>3 1/8" csg gun 2 JSPF 180° Phase                                                                                   |                        |                                                                                | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                                                                     |                   |
|                                                                                                                                                                                                                                                  |                        |                                                                                | DEPTH INTERVAL                                 |                                                                                                     |                   |
|                                                                                                                                                                                                                                                  |                        |                                                                                | AMOUNT AND KIND MATERIAL USED                  |                                                                                                     |                   |
|                                                                                                                                                                                                                                                  |                        |                                                                                | 4534'---4615' A/2000Ga17 1/2% HCL+24BS         |                                                                                                     |                   |
|                                                                                                                                                                                                                                                  |                        |                                                                                | 4534'---4615' F/59,976Ga12% KCL&CO2+120,800#   |                                                                                                     |                   |
|                                                                                                                                                                                                                                                  |                        |                                                                                | 20/40+37,500#10/20Sd                           |                                                                                                     |                   |
| 33. PRODUCTION                                                                                                                                                                                                                                   |                        |                                                                                |                                                |                                                                                                     |                   |
| Date First Production<br>-                                                                                                                                                                                                                       |                        | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>FLOWING |                                                | Well Status (Prod. or Shut-in)<br>SHUT-IN                                                           |                   |
| Date of Test<br>10-13-81                                                                                                                                                                                                                         | Hours Tested<br>4      | Choke Size<br>22/64                                                            | Prodn. Per Test Period<br>→                    | Oil - Bbl.<br>-                                                                                     | Gas - MCF<br>231  |
| Flow Tubing Press.<br>615                                                                                                                                                                                                                        | Casing Pressure<br>740 | Calculate 1 24-Hour Rate<br>→                                                  | Oil - Bbl.<br>-                                | Gas - MCF<br>1384                                                                                   | Water - Bbl.<br>- |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>VENTED                                                                                                                                                                             |                        |                                                                                |                                                | Test Witnessed By<br>E. L. BUTTROSS, JR.                                                            |                   |
| 35. List of Attachments<br>C-122, 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<br>R. E. [Signature]                                                                                                                                                                                                                      |                        | TITLE<br>REGULATORY COORDINATOR                                                |                                                | DATE<br>OCTOBER 28, 1981                                                                            |                   |

XC: NMOCD (6), TLS, CEN RCDS, ACCTG, MEC, LAND, D&M, PARTNERS, REM, ROSWELL, TW, K, LMC, CTY, FILE

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 to the true vertical depth. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 13 through 14 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 783' | T. Simpson       | T. Gallup             | T. Ignacio Qtzite |
| T. Glorieta 1437'  | T. McKee         | Base Greenhorn        | T. Granite        |
| T. Paddock         | T. Ellenburger   | T. Dakota             | T.                |
| T. Blinberry       | T. Gr. Wash      | T. Morrison           | T.                |
| T. Tubb 3419'      | T. Granite       | T. Todilto            | T.                |
| T. Drinkard        | T. Delaware Sand | T. Entrada            | T.                |
| T. Abo 4157'       | T. Bone Springs  | T. Wingate            | T.                |
| T. Wolfcamp        | T.               | T. Chinle             | T.                |
| T. Penn.           | T.               | T. Permian            | T.                |
| T. Cisco (Bough C) | T.               | T. Penn. "A"          | T.                |

### OIL OR GAS SANDS OR ZONES

|                            |                |
|----------------------------|----------------|
| No. 1, from 4534' to 4615' | 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 Fresh water @ 450' to feet. | 100 BBL/Hour |
| 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 |
|-------------------|-------|-------------------|-----------|------|-------|-------------------|-----------|
| DRILLER'S DEPTH'S |       |                   |           |      | 4620' |                   | RED SHALE |
|                   | 419'  |                   | LM/GRAVEL |      | 4800' |                   | SH        |
|                   | 954'  |                   | LM/SS     |      |       |                   |           |
|                   | 1748' |                   | DOL/LM    |      |       |                   |           |
|                   | 1800' |                   | DOL/LM    |      |       |                   |           |
|                   | 2555' |                   | LM/SH     |      |       |                   |           |
|                   | 3362' |                   | DOL       |      |       |                   |           |
|                   | 4001' |                   | SH        |      |       |                   |           |
|                   | 4119' |                   | LM/SH     |      |       |                   |           |
|                   | 4392' |                   | RED SHALE |      |       |                   |           |

MESA PETROLEUM CO.  
ACME #3  
2150' FSL & 2050' FEL, SEC 30, T8S, R26E  
CHAVES COUNTY, NEW MEXICO

RECEIVED

OCT 29 1981

RECORD OF INCLINATION

O. C. D.  
ARTESIA, OFFICE

(DEPTH)

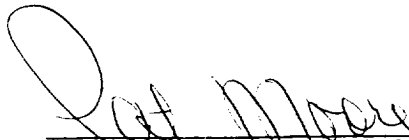
(DEVIATIONS)

|       |      |
|-------|------|
| 448'  | 1/2° |
| 937'  | 3/4° |
| 1407' | 1°   |
| 2300' | 3/4° |
| 2800' | 3/4° |
| 3299' | 3/4° |
| 3790' | 1°   |
| 4282' | 3/4° |
| 4800' | 1°   |



BY: R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 28th day of October, 1981.



Notary Public in and for Midland County,  
Texas.

Commission Expires: 6-26-85