

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

Form C-105  
Revised 11-1-81

RECEIVED

JUL 15 1981

|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| 5a. Indicate Type of Lease   | State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | LG - 6693                                                              |

|                       |                                                                                                                                                                                                                         |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1a. TYPE OF WELL      | OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                              |
| b. TYPE OF COMPLETION | 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"/> |

|                        |           |
|------------------------|-----------|
| 7. Unit Agreement Name |           |
| 8. Farm or Lease Name  | NED STATE |

|                        |                                           |
|------------------------|-------------------------------------------|
| 2. Name of Operator    | MESA PETROLEUM CO. /                      |
| 3. Address of Operator | 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701 |

|                                |                  |
|--------------------------------|------------------|
| 9. Well No.                    | 2                |
| 10. Field and Pool, or Wildcat | UNDESIGNATED ABO |

|                     |                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------|
| 4. Location of Well | UNIT LETTER 0 LOCATED 660 FEET FROM THE SOUTH LINE AND 1980 FEET FROM EAST LINE OF SEC. 5 TWP. 9S RGE. 23E |
|---------------------|------------------------------------------------------------------------------------------------------------|

|            |        |
|------------|--------|
| 12. County | CHAVES |
|------------|--------|

|                                      |                   |                       |         |                                  |         |                                        |            |                                                                   |                    |
|--------------------------------------|-------------------|-----------------------|---------|----------------------------------|---------|----------------------------------------|------------|-------------------------------------------------------------------|--------------------|
| 15. Date Spudded                     | 5-23-81           | 16. Date T.D. Reached | 5-28-81 | 17. Date Compl. (Ready to Prod.) | 6-22-81 | 18. Elevations (DF, RKB, RT, GR, etc.) | 3909.7' GR | 19. Elev. Casinghead                                              | 3910'              |
| 20. Total Depth                      | 3793'             | 21. Plug Back T.D.    | 3718'   | 22. If Multiple Compl., How Many |         | 23. Intervals Drilled By               | ALL        | 24. Producing Interval(s), of this completion - Top, Bottom, Name | 2860'---2953', ABO |
| 25. Type Electric and Other Logs Run | GR-CCL/GR-CNL-FDC | 27. Was Well Cored    | NO      |                                  |         |                                        |            |                                                                   |                    |

| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                                                                                           |                |                |           |                           |                  |               |        |     |       |         |                           |            |        |       |       |        |        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|-----------|---------------------------|------------------|---------------|--------|-----|-------|---------|---------------------------|------------|--------|-------|-------|--------|--------|--|
| <table border="1"> <tr> <th>CASING SIZE</th> <th>WEIGHT LB./FT.</th> <th>DEPTH SET</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> <tr> <td>8 5/8"</td> <td>24#</td> <td>1749'</td> <td>12 1/4"</td> <td>600 LT/200 Thixset/300"C"</td> <td>600Thixset</td> </tr> <tr> <td>4 1/2"</td> <td>10.5#</td> <td>3758'</td> <td>7 7/8"</td> <td>500 LT</td> <td></td> </tr> </table> | CASING SIZE    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE                 | CEMENTING RECORD | AMOUNT PULLED | 8 5/8" | 24# | 1749' | 12 1/4" | 600 LT/200 Thixset/300"C" | 600Thixset | 4 1/2" | 10.5# | 3758' | 7 7/8" | 500 LT |  |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                                                  | WEIGHT LB./FT. | DEPTH SET      | HOLE SIZE | CEMENTING RECORD          | AMOUNT PULLED    |               |        |     |       |         |                           |            |        |       |       |        |        |  |
| 8 5/8"                                                                                                                                                                                                                                                                                                                                                                                                       | 24#            | 1749'          | 12 1/4"   | 600 LT/200 Thixset/300"C" | 600Thixset       |               |        |     |       |         |                           |            |        |       |       |        |        |  |
| 4 1/2"                                                                                                                                                                                                                                                                                                                                                                                                       | 10.5#          | 3758'          | 7 7/8"    | 500 LT                    |                  |               |        |     |       |         |                           |            |        |       |       |        |        |  |

| 29. LINER RECORD                                                                                                                                                                     | 30. TUBING RECORD |            |              |              |        |  |  |  |  |  |                                                                                                                                                  |      |           |            |        |       |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|--------------|--------------|--------|--|--|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|------------|--------|-------|---|
| <table border="1"> <tr> <th>SIZE</th> <th>TOP</th> <th>BOTTOM</th> <th>SACKS CEMENT</th> <th>SCREEN</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | SIZE              | TOP        | BOTTOM       | SACKS CEMENT | SCREEN |  |  |  |  |  | <table border="1"> <tr> <th>SIZE</th> <th>DEPTH SET</th> <th>PACKER SET</th> </tr> <tr> <td>2 3/8"</td> <td>2759'</td> <td>-</td> </tr> </table> | SIZE | DEPTH SET | PACKER SET | 2 3/8" | 2759' | - |
| SIZE                                                                                                                                                                                 | TOP               | BOTTOM     | SACKS CEMENT | SCREEN       |        |  |  |  |  |  |                                                                                                                                                  |      |           |            |        |       |   |
|                                                                                                                                                                                      |                   |            |              |              |        |  |  |  |  |  |                                                                                                                                                  |      |           |            |        |       |   |
| SIZE                                                                                                                                                                                 | DEPTH SET         | PACKER SET |              |              |        |  |  |  |  |  |                                                                                                                                                  |      |           |            |        |       |   |
| 2 3/8"                                                                                                                                                                               | 2759'             | -          |              |              |        |  |  |  |  |  |                                                                                                                                                  |      |           |            |        |       |   |

| 31. Perforation Record (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                                                                                      |                |                               |               |                            |               |                                   |  |                          |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------|---------------|----------------------------|---------------|-----------------------------------|--|--------------------------|
| 2860'---2953', .25" ENTRY, 14 HOLES                | <table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>2860'---2953'</td> <td>A/2000Gal 7 1/2"HCL + 25BS</td> </tr> <tr> <td>2860'---2953'</td> <td>F/22,500Gal GelledCKL &amp; CO2+8000#</td> </tr> <tr> <td></td> <td>100MeshSd+37,000#20/40Sd</td> </tr> </table> | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | 2860'---2953' | A/2000Gal 7 1/2"HCL + 25BS | 2860'---2953' | F/22,500Gal GelledCKL & CO2+8000# |  | 100MeshSd+37,000#20/40Sd |
| DEPTH INTERVAL                                     | AMOUNT AND KIND MATERIAL USED                                                                                                                                                                                                                                                                                       |                |                               |               |                            |               |                                   |  |                          |
| 2860'---2953'                                      | A/2000Gal 7 1/2"HCL + 25BS                                                                                                                                                                                                                                                                                          |                |                               |               |                            |               |                                   |  |                          |
| 2860'---2953'                                      | F/22,500Gal GelledCKL & CO2+8000#                                                                                                                                                                                                                                                                                   |                |                               |               |                            |               |                                   |  |                          |
|                                                    | 100MeshSd+37,000#20/40Sd                                                                                                                                                                                                                                                                                            |                |                               |               |                            |               |                                   |  |                          |

|                                                                                                                                                                                                                                                                                                                                            |                                                                     |                                                                     |                                |                         |              |                           |                           |                 |         |       |   |     |   |    |   |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------|-------------------------|--------------|---------------------------|---------------------------|-----------------|---------|-------|---|-----|---|----|---|---|
| 33. PRODUCTION                                                                                                                                                                                                                                                                                                                             |                                                                     |                                                                     |                                |                         |              |                           |                           |                 |         |       |   |     |   |    |   |   |
| <table border="1"> <tr> <td>Date First Production</td> <td>Production Method (Flowing, gas lift, pumping - Size and type pump)</td> <td>Well Status (Prod. or Shut-in)</td> </tr> <tr> <td>--</td> <td>FLOWING</td> <td>SHUT-IN</td> </tr> </table>                                                                                        | Date First Production                                               | Production Method (Flowing, gas lift, pumping - Size and type pump) | Well Status (Prod. or Shut-in) | --                      | FLOWING      | SHUT-IN                   |                           |                 |         |       |   |     |   |    |   |   |
| Date First Production                                                                                                                                                                                                                                                                                                                      | Production Method (Flowing, gas lift, pumping - Size and type pump) | Well Status (Prod. or Shut-in)                                      |                                |                         |              |                           |                           |                 |         |       |   |     |   |    |   |   |
| --                                                                                                                                                                                                                                                                                                                                         | FLOWING                                                             | SHUT-IN                                                             |                                |                         |              |                           |                           |                 |         |       |   |     |   |    |   |   |
| <table border="1"> <tr> <td>Date of Test</td> <td>Hours Tested</td> <td>Choke Size</td> <td>Prod'n. For Test Period</td> <td>Oil - Bbl.</td> <td>Gas - MCF</td> <td>Water - Bbl.</td> <td>Gas - Oil Ratio</td> </tr> <tr> <td>6-22-81</td> <td>3 3/4</td> <td>-</td> <td></td> <td>-</td> <td>49</td> <td>-</td> <td>-</td> </tr> </table> | Date of Test                                                        | Hours Tested                                                        | Choke Size                     | Prod'n. For Test Period | Oil - Bbl.   | Gas - MCF                 | Water - Bbl.              | Gas - Oil Ratio | 6-22-81 | 3 3/4 | - |     | - | 49 | - | - |
| Date of Test                                                                                                                                                                                                                                                                                                                               | Hours Tested                                                        | Choke Size                                                          | Prod'n. For Test Period        | Oil - Bbl.              | Gas - MCF    | Water - Bbl.              | Gas - Oil Ratio           |                 |         |       |   |     |   |    |   |   |
| 6-22-81                                                                                                                                                                                                                                                                                                                                    | 3 3/4                                                               | -                                                                   |                                | -                       | 49           | -                         | -                         |                 |         |       |   |     |   |    |   |   |
| <table border="1"> <tr> <td>Flow Tubing Press.</td> <td>Casing Pressure</td> <td>Calculated 24-Hour Rate</td> <td>Oil - Bbl.</td> <td>Gas - MCF</td> <td>Water - Bbl.</td> <td>Oil Gravity - API (Corr.)</td> </tr> <tr> <td>740</td> <td>760</td> <td></td> <td>-</td> <td>313</td> <td>-</td> <td>-</td> </tr> </table>                  | Flow Tubing Press.                                                  | Casing Pressure                                                     | Calculated 24-Hour Rate        | Oil - Bbl.              | Gas - MCF    | Water - Bbl.              | Oil Gravity - API (Corr.) | 740             | 760     |       | - | 313 | - | -  |   |   |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                         | Casing Pressure                                                     | Calculated 24-Hour Rate                                             | Oil - Bbl.                     | Gas - MCF               | Water - Bbl. | Oil Gravity - API (Corr.) |                           |                 |         |       |   |     |   |    |   |   |
| 740                                                                                                                                                                                                                                                                                                                                        | 760                                                                 |                                                                     | -                              | 313                     | -            | -                         |                           |                 |         |       |   |     |   |    |   |   |

|                                                            |                     |
|------------------------------------------------------------|---------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) | Test Witnessed By   |
| VENTED                                                     | E. L. BUTTROSS, JR. |

|                              |
|------------------------------|
| 35. List of Attachments      |
| 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.                               |                        |              |      |         |                        |              |
| <table border="1"> <tr> <td>SIGNED</td> <td>TITLE</td> <td>DATE</td> </tr> <tr> <td>RE Math</td> <td>REGULATORY COORDINATOR</td> <td>JULY 9, 1981</td> </tr> </table> | SIGNED                 | TITLE        | DATE | RE Math | REGULATORY COORDINATOR | JULY 9, 1981 |
| SIGNED                                                                                                                                                                | TITLE                  | DATE         |      |         |                        |              |
| RE Math                                                                                                                                                               | REGULATORY COORDINATOR | JULY 9, 1981 |      |         |                        |              |

XC: NMOC (6), TLS, CEN RCDS, ACCTG, ROSWELL, MEC, LAND, D&M, TW, PARTNERS, MTS (3), EEB, LMC, FILE

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 a copy of all electrical and radio-activity logs run in 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 conventionally 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 _____        | 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 Qtzite _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinberry _____       | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____             | 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 _____ 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 _____ | 1/2 BBL/HOUR @ _____ | to _____ | 110' | 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 |
|----------------------|------|----------------------|--------------|------|----|----------------------|-----------|
| DRILLER'S<br>CEPTH : | 400  |                      | RED BED      |      |    |                      |           |
|                      | 1558 |                      | ANHY         |      |    |                      |           |
|                      | 1773 |                      | ANHY         |      |    |                      |           |
|                      | 3758 |                      | SHALE/GRAVEL |      |    |                      |           |
|                      | 3793 |                      | SHALE        |      |    |                      |           |

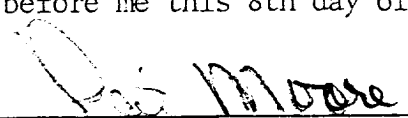
MESA PETROLEUM CO.  
NED STATE #2  
660' FSL & 1980' FEL, Sec. 5, T9S, R23E  
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

| <u>(Depth)</u> | <u>(Deviation)</u> |
|----------------|--------------------|
| 262'           | 1/4°               |
| 509'           | 1/2°               |
| 747'           | 3/4°               |
| 995'           | 3/4°               |
| 1243'          | 1°                 |
| 1488'          | 1°                 |
| 1750'          | 1°                 |
| 2209'          | 1°                 |
| 2673'          | 1°                 |
| 3079'          | 1 1/2°             |
| 3576'          | 1 1/2°             |

  
BY: R.E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 8th day of April, 1981.

  
Notary Public in and for Midland, County,  
Texas.

Commission Expires: 6-26-85

