

REVISED  
10/10/90

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revised 1-1-89

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-045-27550                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>E-453-7                                                             |
| 7. Lease Name or Unit Agreement Name<br>FC STATE COM                                                |

|                                                                                                                                                                                                                                                 |                                  |                                                 |                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>                                                                                                                                                                                           |                                  |                                                 |                                                                                                                   |
| 1a. Type of Well:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input 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"/> |                                  |                                                 |                                                                                                                   |
| 2. Name of Operator<br>Mesa Operating Limited Partnership                                                                                                                                                                                       |                                  | 8. Well No.<br># 14                             |                                                                                                                   |
| 3. Address of Operator<br>P.O. Box 2009, Amarillo, Texas 79189                                                                                                                                                                                  |                                  | 9. Pool name or Wildcat<br>Basin Fruitland Coal |                                                                                                                   |
| 4. Well Location<br>Unit Letter <u>N</u> : <u>1285'</u> Feet From The <u>South</u> Line and <u>1730'</u> Feet From The <u>West</u> Line<br>Section <u>36</u> Township <u>32N</u> Range <u>12W</u> NMPM San Juan County                          |                                  |                                                 |                                                                                                                   |
| 10. Date Spudded<br>4/21/90                                                                                                                                                                                                                     | 11. Date T.D. Reached<br>4/23/90 | 12. Date Compl. (Ready to Prod.)<br>5/24/90     | 13. Elevations (DF & RKB, RT, GR, etc.)<br>6305' GR                                                               |
| 14. Elev. Casinghead                                                                                                                                                                                                                            |                                  |                                                 |                                                                                                                   |
| 15. Total Depth<br>2900'                                                                                                                                                                                                                        | 16. Plug Back T.D.<br>2806'      | 17. If Multiple Compl. How Many Zones?          | 18. Intervals Drilled By<br>Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/> |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>Fruitland Coal 2716' - 2766'                                                                                                                                               |                                  |                                                 | 20. Was Directional Survey Made<br>No                                                                             |
| 21. Type Electric and Other Logs Run<br>GR/CNL/FDC                                                                                                                                                                                              |                                  |                                                 | 22. Was Well Cored<br>No                                                                                          |

**CASING RECORD (Report all strings set in well)**

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|------------------|---------------|
| 8 5/8"      | 24#           | 233'      | 12 1/4"   | 150 sx "B"       | None          |
| 5 1/2"      | 17#           | 2900'     | 7 7/8"    | 595 sx "B"/Poz   | None          |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |

| 24. LINER RECORD |     |        |              |        | 25. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
| NA               |     |        |              |        | 2 3/8"            | 2799'     | NA         |
|                  |     |        |              |        |                   |           |            |

|                                                                                                                                                                         |                                                 |                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------|
| 26. Perforation record (interval, size, and number)<br>2716' - 2766' (4" csg gun, .41" EHD, 4 SPF) 108<br>holes<br>2616'-2630' (4" csg gun, .51 EHD, 4 SPF) 50<br>holes | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                      |
|                                                                                                                                                                         | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED        |
|                                                                                                                                                                         | 2716'-2766'                                     | 50000 N <sub>2</sub> + 130,000# sand |
|                                                                                                                                                                         | 2716'-2730'                                     | 40600 N <sub>2</sub> + 95,500# sand  |
|                                                                                                                                                                         |                                                 |                                      |

|                                                                      |                                                                                |                         |                        |                                      |                    |                                   |                       |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------|------------------------|--------------------------------------|--------------------|-----------------------------------|-----------------------|
| <b>28. PRODUCTION</b>                                                |                                                                                |                         |                        |                                      |                    |                                   |                       |
| Date First Production<br>5/23/90                                     | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                         |                        | Well Status (Prod. or Shut-in)<br>SI |                    |                                   |                       |
| Date of Test<br>5/24/90                                              | Hours Tested<br>24                                                             | Choke Size<br>3/4"      | Prod'n For Test Period | Oil - Bbl.<br>0                      | Gas - MCF<br>767   | Water - Bbl.<br>13                | Gas - Oil Ratio<br>NA |
| Flow Tubing Press.<br>50                                             | Casing Pressure<br>183                                                         | Calculated 24-Hour Rate | Oil - Bbl.<br>0        | Gas - MCF<br>767                     | Water - Bbl.<br>13 | Oil Gravity - API - (Corr.)<br>NA |                       |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Vented |                                                                                |                         |                        |                                      |                    | Test Witnessed By<br>Ron Bishop   |                       |

|                                                                                                                                        |                                  |                             |                 |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------|-----------------|
| 30. List Attachments                                                                                                                   |                                  |                             |                 |
| 31. 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 |                                  |                             |                 |
| Signature<br><i>Carolyn L. McKee</i>                                                                                                   | Printed Name<br>Carolyn L. McKee | Title<br>Regulatory Analyst | Date<br>6/18/90 |

## 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 25 through 29 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 2364' | T. Penn. "C"            |
| B. Salt            | T. Atoka         | T. Pictured Cliffs 2793'    | 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 Otzte        |
| T. Glorieta        | T. McKee         | Base Greenhorn              | T. Granite              |
| T. Paddock         | T. Ellenburger   | T. Dakota                   | T. _____                |
| T. Blinebry        | T. Gr. Wash      | T. Morrison                 | T. Farmington Sd 1340'  |
| T. Tubb            | T. Delaware Sand | T. Todilto                  | T. Lo Kirtland Sh 2281' |
| T. Drinkard        | T. Bone Springs  | T. Entrada                  | T. _____                |
| T. Abo             | T. _____         | 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. 2, from.....to.....  
No. 3, from.....to.....  
No. 4, 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.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>in Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

| From | To | Thickness<br>in Feet | Lithology |
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30-045-27550

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STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
E-453-7

7. Lease Name or Unit Agreement Name  
FC STATE COM

1a. Type of Well:  
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐  
1b. Type of Completion:  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator  
Mesa Operating Limited Partnership

8. Well No.  
# 14

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9. Pool name or Wildcat  
Basin Fruitland Coal

4. Well Location  
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19. Producing Interval(s), of this completion - Top, Bottom, Name Fruitland Coal 2716' - 2766' 20. Was Directional Survey Made No

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28. PRODUCTION

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