

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

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

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

WELL API NO.  
30-025-34136

5. Indicate Type of Lease  
STATE  FEE

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

SUMRULD '18'

8. Well No.  
1

9. Pool name or Wildcat  
N.E. Shoe Bar-Strawn

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. Type of Completion: NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESRV  OTHER \_\_\_\_\_

2. Name of Operator  
Chesapeake Operating, Inc.

3. Address of Operator  
P.O. Box 18496, Oklahoma City, OK 73154-0496

4. Well Location  
Unit Letter J: 1358 Feet From The south Line and 2205 Feet From The east Line  
Section 18 Township 16S Range 36E NMPM LEA County \_\_\_\_\_

10. Date Spudded 10-27-97  
11. Date T.D. Reached 11-23-97  
12. Date Compl. (Ready to Prod.) Dry Hole  
13. Elevations (DF & RKB, RT, GR, etc.) GR: 3948'  
14. Elev. Casinghead -

15. Total Depth 11,685'  
16. Plug Back T.D. -  
17. If Multiple Compl. How Many Zones?  
18. Intervals Drilled By Rotary Tools Cable Tools  
O-T.D.

19. Producing Interval(s), of this completion - Top, Bottom, Name  
Dry Hole  
20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run High Resolution Induct/GR/Density Neutron/PE; GR/Neutron/ Micro Compensated Sonic  
22. Was Well Cored No

**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#         | 475'      | 17-1/2"   | 485 sks          |               |
| 9-5/8"      | 40.0#         | 4,250     | 12-1/4"   | 1550 sks         |               |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |

| 24. LINER RECORD |     |        |              | 25. TUBING RECORD |      |           |            |
|------------------|-----|--------|--------------|-------------------|------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE | DEPTH SET | PACKER SET |
| 0                |     |        |              |                   | 0    |           |            |

| 26. Perforation record (interval, size, and number) | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                               |
|---|---|-------------------------------|
|   | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED |
| None  | None  |                               |

**PRODUCTION**

|  |                 |   |                        |            |              |  |                 |
|--|-----------------|---|------------------------|------------|--------------|--|-----------------|
| 28. Date First Production                                  |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                        |            |              | Well Status (Prod. or Shut-in)<br>Dry Hole |                 |
| Date of Test   | Hours Tested    | Choke Size  | Prod'n For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                               | Gas - Oil Ratio |
| Flow Tubing Press.   | Casing Pressure | Calculated 24-Hour Rate   | Oil - Bbl.             | Gas - MCF  | Water - Bbl. | Oil Gravity - API - (Corr.)                |                 |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.) |                 |   |                        |            |              | Test Witnessed By                          |                 |

30. List Attachments  
Logs Deviation Survey

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 Barbara J. Bale

Printed Name Barbara J. Bale

Title Regulatory Analyst Date 02/24/98

# 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 11363        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka 11562         | 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 4854       | T. Simpson _____       | T. Gallup _____             | T. Ignacio Otzte _____ |
| T. Glorieta 6335         | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock 6894          | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinebry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb 7531             | T. Delaware Sand _____ | T. Todilto _____            | T. _____               |
| T. Drinkard 7659         | T. Bone Springs _____  | T. Entrada _____            | T. _____               |
| T. Abo 8204              | T. _____               | T. Wingate _____            | T. _____               |
| T. Wolfcamp 9558         | T. _____               | T. Chinle _____             | T. _____               |
| T. Penn 10948            | T. _____               | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn "A" _____           | T. _____               |

### OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....  
 No. 2, 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 in Feet | Lithology         | From | To | Thickness in Feet | Lithology |
|-------|-------|-------------------|-------------------|------|----|-------------------|-----------|
| 9000  | 9558  |                   | Dolomite          |      |    |                   |           |
| 9558  | 10948 |                   | Limestone         |      |    |                   |           |
| 10948 | 11363 |                   | Shale & Limestone |      |    |                   |           |
| 11363 | 11491 |                   | Limestone         |      |    |                   |           |
| 11491 | 11562 |                   | Conglomerate      |      |    |                   |           |
| 11562 | 11610 |                   | Shale             |      |    |                   |           |
| 11610 | 11687 |                   | Conglomerate      |      |    |                   |           |