

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>30-025-30619                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>B-1889                                                              |

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                                                                                                                                              |                                                           |                                                   |                                                                   |                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------|---------------------------------------|
| 1a. Type of Well:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____                                                                                 | 7. Lease Name or Unit Agreement Name<br><br>State "E" Com |                                                   |                                                                   |                                       |
| 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 _____ |                                                           |                                                   |                                                                   |                                       |
| 2. Name of Operator<br>Doyle Hartman                                                                                                                                                                                         | 8. Well No.<br>4                                          |                                                   |                                                                   |                                       |
| 3. Address of Operator<br>Post Office Box 10426, Midland, Texas 79702                                                                                                                                                        | 9. Pool name or Wildcat<br>Eumont (Gas)                   |                                                   |                                                                   |                                       |
| 4. Well Location<br>Unit Letter <u>0</u> : <u>990</u> Feet From The <u>South</u> Line and <u>1960</u> Feet From The <u>East</u> Line<br>Section <u>16</u> Township <u>21-S</u> Range <u>36-E</u> NMPM Lea County             |                                                           |                                                   |                                                                   |                                       |
| 10. Date Spudded<br>8-9-89                                                                                                                                                                                                   | 11. Date T.D. Reached<br>8-15-89                          | 12. Date Compl. (Ready to Prod.)<br>8-20-89       | 13. Elevations (DF & RKB, RT, GR, etc.)<br>3616.3 G.L. (3632 RKB) | 14. Elev. Casinghead<br>3616.3 G.L.   |
| 15. Total Depth<br>3860 RKB                                                                                                                                                                                                  | 16. Plug Back T.D.<br>3822                                | 17. If Multiple Compl. How Many Zones? <u>---</u> | 18. Intervals Drilled By<br>Rotary Tools<br>0 -3860               | Cable Tools                           |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>3096 - 3657 w/24 holes (Yates-Upper Seven Rivers-Queen)                                                                                                 |                                                           |                                                   |                                                                   | 20. Was Directional Survey Made<br>No |
| 21. Type Electric and Other Logs Run<br>SDL-DSN-GR and Dual Laterolog Microguard Log                                                                                                                                         |                                                           |                                                   |                                                                   | 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 & 9-5/8 | 36 ; 40       | 460       | 12-1/4    | 225 sx (circulated) | None          |
| 7             | 23            | 3864      | 8-3/4     | 800 sx (circulated) | None          |
|               |               |           |           |                     |               |
|               |               |           |           |                     |               |
|               |               |           |           |                     |               |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2-3/8         | 3542      | ---        |
|              |     |        |              |        |               |           |            |

|                                                                    |      |      |        |        |      |                                                 |                               |
|--------------------------------------------------------------------|------|------|--------|--------|------|-------------------------------------------------|-------------------------------|
| 26. Perforation record (interval, size, and number) 1 shot each at |      |      |        |        |      | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                               |
| 3096                                                               | 3121 | 3157 | 3216   | 3575   | 3631 | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED |
| 3103                                                               | 3131 | 3203 | 3231   | 3594.5 | 3634 | 3096-3656                                       | 7440 gals. 15% MCA            |
| 3106                                                               | 3140 | 3205 | 3234   | 3601   | 3654 |                                                 |                               |
| 3117                                                               | 3148 | 3214 | 3264.5 | 3607   | 3657 |                                                 |                               |

PRODUCTION

|                                                                      |                        |                                                                                |                        |                   |                     |                                           |                        |
|----------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------|------------------------|-------------------|---------------------|-------------------------------------------|------------------------|
| 28. Date First Production<br>8-19-89                                 |                        | 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>8-20-89                                              | Hours Tested<br>24     | Choke Size<br>12/64                                                            | Prod'n For Test Period | Oil - Bbl.<br>--- | Gas - MCF<br>337    | Water - Bbl.<br>---                       | Gas - Oil Ratio<br>--- |
| Flow Tubing Press.<br>250                                            | Casing Pressure<br>258 | Calculated 24-Hour Rate                                                        | Oil - Bbl.<br>---      | Gas - MCF<br>337  | Water - Bbl.<br>--- | Oil Gravity - API - (Corr.)<br>---        |                        |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Vented |                        |                                                                                |                        |                   |                     | Test Witnessed By<br>H. Swain             |                        |
| 30. List Attachments<br>C-104                                        |                        |                                                                                |                        |                   |                     |                                           |                        |

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 Michelle Wilcox Printed Name Michelle Wilcox Title Adm. Assistant Date 8-22-89

# 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

|                    |      |                  |
|--------------------|------|------------------|
| T. Anhy            | 1412 | T. Canyon        |
| T. Salt            | 1502 | T. Strawn        |
| B. Salt            | 2772 | T. Atoka         |
| T. Yates           | 2916 | T. Miss          |
| T. 7 Rivers        | 3242 | T. Devonian      |
| T. Queen           | 3562 | T. Silurian      |
| T. Grayburg        |      | T. Montoya       |
| T. San Andres      |      | T. Simpson       |
| Glorieta           |      | T. McKee         |
| Paddock            |      | T. Ellenburger   |
| T. Blinberry       |      | T. Gr. Wash      |
| T. Tubb            |      | T. Delaware Sand |
| T. Drinkard        |      | T. Bone Springs  |
| Abo                |      | T.               |
| T. Wolfcamp        |      | T.               |
| T. Penn            |      | T.               |
| T. Cisco (Bough C) |      | T.               |

### Northwestern New Mexico

|                       |                   |
|-----------------------|-------------------|
| T. Ojo Alamo          | T. Penn. "B"      |
| T. Kirtland-Fruitland | T. Penn. "C"      |
| T. Pictured Cliffs    | T. Penn. "D"      |
| T. Cliff House        | T. Leadville      |
| T. Menefee            | T. Madison        |
| T. Point Lookout      | T. Elbert         |
| T. Mancos             | T. McCracken      |
| T. Gallup             | T. Ignacio Otzite |
| Base Greenhorn        | T. Granite        |
| T. Dakota             | T.                |
| T. Morrison           | T.                |
| T. Todilto            | T.                |
| T. Entrada            | T.                |
| T. Wingate            | T.                |
| T. Chinle             | T.                |
| T. Permian            | T.                |
| T. Penn "A"           | T.                |

### OIL OR GAS SANDS OR ZONES

|                                           |                         |
|-------------------------------------------|-------------------------|
| No. 1, from.....3096.....to.....3657..... | 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<br>in Feet | Lithology                                 | From | To | Thickness<br>in Feet | Lithology |
|------|------|----------------------|-------------------------------------------|------|----|----------------------|-----------|
| 1412 | 1502 | 90                   | Rustler (Anydrite)                        |      |    |                      |           |
| 1502 | 2772 | 1270                 | Salado Salt<br>(Salt & Anhydrite)         |      |    |                      |           |
| 2772 | 2916 | 144                  | Tansil<br>(Dolomite & Anhydrite)          |      |    |                      |           |
| 2916 | 3242 | 326                  | Yates<br>(Sandstone & Dolomite)           |      |    |                      |           |
| 3242 | 3562 | 320                  | Seven Rivers<br>(Sandstone & Dolomite)    |      |    |                      |           |
| 3562 | 3690 | 128                  | Queen (Anydrite,<br>Sandstone & Dolomite) |      |    |                      |           |
| 3690 | 3859 | 169                  | Penrose<br>(Dolomite & Sandstone)         |      |    |                      |           |

RECEIVED

AUG 23 1953

CC

F. D. ...