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

Form C-103  
Revised 11-1-78

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

|   |   |
|---|---|
| 1a. TYPE OF WELL  |   |
| OIL WELL <input checked="" type="checkbox"/>  | GAS WELL <input type="checkbox"/> ORY <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 |
| None                   |
| 8. Farm or Lease Name  |
| Speight                |

|                     |
|---------------------|
| 2. Name of Operator |
| Kern Co.            |

|             |
|-------------|
| 9. Well No. |
| 1           |

|   |
|---|
| 3. Address of Operator                      |
| 3005 North Big Spring, Midland, Texas 79705 |

|                                |
|--------------------------------|
| 10. Field and Pool, or Wildcat |
| Eumont                         |

|  |  |
|--|--|
| 4. Location of Well  |  |
| UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM |  |
| THE <u>West</u> LINE OF SEC. <u>7</u> TWP. <u>21S</u> RGE. <u>37E</u> ANPM                         |  |

|            |
|------------|
| 12. County |
| Lea        |

|                  |                       |                                  |  |                      |
|------------------|-----------------------|----------------------------------|--|----------------------|
| 15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Casinghead |
| 4/24/85          | 5/2/85                | 5/11/85                          | 3480 GL                                | 3479'                |

|                 |                    |                                  |                          |                          |
|-----------------|--------------------|----------------------------------|--------------------------|--------------------------|
| 20. Total Depth | 21. Plug Back T.D. | 22. If Multiple Compl., How Many | 23. Intervals Drilled By | 24. Intervals Drilled By |
| 4250'           | 4201'              |                                  | Surf. T.D.               |                          |

|                                 |
|---------------------------------|
| 25. Was Directional Survey Made |
| no                              |

|   |
|---|
| 24. Producing Intervals, of this completion - Top, bottom, Name |
| Queen 3450' to 3716', perforated 3556' to 3684'                 |

|                                      |
|--------------------------------------|
| 26. Type Electric and Other Logs Run |
| Gamma Ray-Neutron                    |

|                    |
|--------------------|
| 27. Was Well Cored |
| no                 |

| 28. 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#             | 303'      | 11"       | 150 sx cement    | none          |
| 5 1/2"   | 17#             | 4250'     | 7 7/8"    | 1075 sx cement   | none          |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
| none             |     |        |              |        | 2 3/8"            | 3500'     | none       |

|  |  |  |
|--|--|--|
| 31. Perforation Record (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  |
|  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED                                      |
|  | 3556-3684                                      | Fracked w/40,000 gal 50% CO <sub>2</sub> and 62,000 pounds of sand |
|  |  |  |

| 33. PRODUCTION        |                 |   |                         |            |              |                                |                 |
|-----------------------|-----------------|---|-------------------------|------------|--------------|--------------------------------|-----------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| 5/15/85               |                 | Flowing   |                         |            |              | shut-in                        |                 |
| Date of Test          | Hours Tested    | Choke Size  | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 5/17/85               | 24              | 24/64"  |                         | 4          | 298          | 1                              | 74,500          |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate   | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.)      |                 |
| 80 psig               | 90 psig         |   | 4                       | 298        | 1            | 39° API                        |                 |

|  |                   |
|--|-------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) | Test Witnessed By |
| Vented   | Jim Kern          |

|                                |
|--------------------------------|
| 35. List of Attachments        |
| C-103, list of deviations, log |

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 <u>William P. Kern</u> TITLE <u>Engineer</u> DATE <u>5/31/85</u> |
|---|

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than \_\_\_\_\_ 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 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

T. Anhy \_\_\_\_\_ 1355  
T. Salt \_\_\_\_\_ 1390  
B. Salt \_\_\_\_\_ 2550  
T. Yates \_\_\_\_\_ 2998  
T. 7 Rivers \_\_\_\_\_ 3242  
T. Queen \_\_\_\_\_ 3450  
T. Grayburg \_\_\_\_\_ 3716  
T. San Andres \_\_\_\_\_ 4016  
T. Glorieta \_\_\_\_\_  
T. Paddock \_\_\_\_\_  
T. Blinbry \_\_\_\_\_  
T. Tubb \_\_\_\_\_  
T. Drinkard \_\_\_\_\_  
T. Abo \_\_\_\_\_  
T. Wolfcamp \_\_\_\_\_  
T. Penn. \_\_\_\_\_  
T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
T. Strawn \_\_\_\_\_  
T. Atoka \_\_\_\_\_  
T. Miss \_\_\_\_\_  
T. Devonian \_\_\_\_\_  
T. Silurian \_\_\_\_\_  
T. Montoya \_\_\_\_\_  
T. Simpson \_\_\_\_\_  
T. McKee \_\_\_\_\_  
T. Ellenburger \_\_\_\_\_  
T. Gr. Wash \_\_\_\_\_  
T. Granite \_\_\_\_\_  
T. Delaware Sand \_\_\_\_\_  
T. Bone Springs \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

### Northwestern New Mexico

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

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ 3556 \_\_\_\_\_ to \_\_\_\_\_ 3684 \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 5, 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 \_\_\_\_\_ to \_\_\_\_\_ 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 |
|-------|------|----------------------|-----------------------------|------|----|----------------------|-----------|
| surf. | 303  | 303                  | Surface sand & redbeds      |      |    |                      |           |
| 303   | 1365 | 1062                 | Redbeds, anhydrite          |      |    |                      |           |
| 1365  | 2550 | 1185                 | Redbeds, anhydrite & sand   |      |    |                      |           |
| 2550  | 3120 | 570                  | Sand, anhydrite & limestone |      |    |                      |           |
| 3120  | 3460 | 340                  | Sand, limestone & dolomite  |      |    |                      |           |
| 3460  | 3692 | 232                  | Sand and dolomite           |      |    |                      |           |
| 3692  | 4140 | 448                  | Dolomite and sandstone      |      |    |                      |           |
| 4140  | 4250 | 110                  | Dolomite                    |      |    |                      |           |

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