

|                        |  |
|------------------------|--|
| NO. OF COPIES RECEIVED |  |
| DISTRIBUTION           |  |
| SANTA FE               |  |
| FILE                   |  |
| U.S.G.S.               |  |
| LAND OFFICE            |  |
| OPERATOR               |  |

Form C-105  
Revised 1-1-65

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

RECEIVED  
JUN 3 8 29 AM '68

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| K-3513                                    |                              |

|                                         |                                    |
|-----------------------------------------|------------------------------------|
| 1a. TYPE OF WELL                        |                                    |
| Oil Well <input type="checkbox"/>       | Gas Well <input type="checkbox"/>  |
| Dry <input checked="" type="checkbox"/> | Other <input type="checkbox"/>     |
| b. TYPE OF COMPLETION                   |                                    |
| New Well <input 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          |
| 9. Well No.                    |
| 10. Field and Pool, or Wildcat |

|                        |
|------------------------|
| 2. Name of Operator    |
| 3. Address of Operator |
| 4. Location of Well    |

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

|             |              |               |          |           |
|-------------|--------------|---------------|----------|-----------|
| UNIT LETTER | LOCATED      | FEET FROM THE | LINE AND | FEET FROM |
| M           | 660          | South         | 660      |           |
| THE         | LINE OF SEC. | TWP.          | RGE.     | NMPM      |
| West        | 32           | 11S           | 35E      |           |

|                  |                       |                                  |                                        |
|------------------|-----------------------|----------------------------------|----------------------------------------|
| 15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) |
| 3-3-68           | 4-6-68                | ---                              | 4174 KB                                |
| 20. Total Depth  | 21. Plug Back T.D.    | 22. If Multiple Compl., How Many | 23. Intervals Drilled By               |
| 10,444'          | ---                   | ---                              | 0-10,444                               |

|                      |
|----------------------|
| 19. Elev. Casinghead |
| 4161                 |

|                                                                   |
|-------------------------------------------------------------------|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name |
| None                                                              |

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

|                                      |
|--------------------------------------|
| 26. Type Electric and Other Logs Run |
| GR-AVL                               |

|                    |
|--------------------|
| 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 |
| 13-3/8"                                            | 48             | 343       | 17-1/2    | 350 sk           | None          |
| 5-5/8"                                             | 24 -32         | 4225      | 11        | 350 sk           | 1097'         |

|                  |     |        |              |                   |      |           |            |
|------------------|-----|--------|--------------|-------------------|------|-----------|------------|
| 29. LINER RECORD |     |        |              | 30. TUBING RECORD |      |           |            |
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE | DEPTH SET | PACKER SET |
| None             |     |        |              |                   |      | None      |            |

|                                                    |                                                |
|----------------------------------------------------|------------------------------------------------|
| 31. Perforation Record (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |
| None                                               | DEPTH INTERVAL                                 |
|                                                    | AMOUNT AND KIND MATERIAL USED                  |
|                                                    | None                                           |
|                                                    |                                                |
|                                                    |                                                |

|                       |                                                                     |                         |                         |            |                                |                           |                 |
|-----------------------|---------------------------------------------------------------------|-------------------------|-------------------------|------------|--------------------------------|---------------------------|-----------------|
| 33. PRODUCTION        |                                                                     |                         |                         |            |                                |                           |                 |
| Date First Production | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |                         |            | Well Status (Prod. or Shut-in) |                           |                 |
| DRY                   |                                                                     |                         |                         |            |                                |                           |                 |
| 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.) |                 |

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

|                         |
|-------------------------|
| 35. List of Attachments |
|-------------------------|

|                                                                                                                                         |                    |              |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|
| 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                                                                                                                                  | TITLE              | DATE         |
| C. B. Appleborn                                                                                                                         | Production Manager | May 29, 1968 |

## INSTRUCTIONS

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 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

### Northwestern New Mexico

|                    |        |                  |  |                       |  |                  |  |
|--------------------|--------|------------------|--|-----------------------|--|------------------|--|
| T. Anhy            | 2170   | T. Canyon        |  | T. Ojo Alamo          |  | T. Penn. "B"     |  |
| T. Salt            | 2253   | T. Strawn        |  | T. Kirtland-Fruitland |  | T. Penn. "C"     |  |
| B. Salt            | 2777   | T. Atoka         |  | T. Pictured Cliffs    |  | T. Penn. "D"     |  |
| T. Yates           | 2909   | 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      | 4260   | T. Simpson       |  | T. Gallup             |  | T. Ignacio Qtzte |  |
| T. Gorieta         | 5698   | T. McKee         |  | Base Greenhorn        |  | T. Granite       |  |
| T. Paddock         |        | T. Ellenburger   |  | T. Dakota             |  | T.               |  |
| T. Blinebry        |        | T. Gr. Wash      |  | T. Morrison           |  | T.               |  |
| T. Tubb            | 7129   | T. Granite       |  | T. Todilto            |  | T.               |  |
| T. Drinkard        |        | T. Delaware Sand |  | T. Entrada            |  | T.               |  |
| T. Abo             | 7924   | T. Bone Springs  |  | T. Wingate            |  | T.               |  |
| T. Wolfcamp        | 9202   | T.               |  | T. Chinle             |  | T.               |  |
| T. Penn.           |        | T.               |  | T. Permian            |  | T.               |  |
| T. Cisco (Bough C) | 10,140 | T.               |  | T. Penn. "A"          |  | T.               |  |

FORMATION RECORD (Attach additional sheets if necessary)

| From                      | To                                                                                                                                                                    | Thickness<br>in Feet | Formation                 |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------|
| 0                         | 2170                                                                                                                                                                  | 2170                 | Caliche, Red Beds, Sand   |
| 2170                      | 2910                                                                                                                                                                  | 740                  | Anhydrite, Salt           |
| 2910                      | 4260                                                                                                                                                                  | 1350                 | Anhy, salt, sand, shale   |
| 4260                      | 5500                                                                                                                                                                  | 1240                 | Dolo., Anhy.              |
| 5500                      | 6040                                                                                                                                                                  | 540                  | Dolo., Sand, Anhy         |
| 6040                      | 7900                                                                                                                                                                  | 1860                 | Dolo., Sand, Shale        |
| 7900                      | 9200                                                                                                                                                                  | 1300                 | Gr & Rd Shale, Dolo, Anhy |
| 9200                      | 10,444                                                                                                                                                                | 1244                 | Lime, Dolo, Shale & Chert |
| DST #1 - (10,055-10,082') | Tool open 60m, good blow air, Rec 180' DM, 2331' Xw.<br>30 m IFP 138-576, 90 m ISIP 3548, 60 m FFP 622-1127, 180 m FSIP 3525, Hyd 5158.                               |                      |                           |
| DST #2 - (10,095-10,174)  | Fair blow air, Rec 270' DM, 310' MCXW, 1240' Sul. W.,<br>2380' XSul. W. Pressures: 30 m IFP 46-923, 60 m ISIP 3133, 75 m FFP<br>923-1937, 120 m FSIP 3133, Hyd. 5063. |                      |                           |
| DST #3 - (10,397-10,440)  | Weak blow air, Rec 200' DM, 180' MCXW, 7306' XW. Pressures:<br>30 m IFP 897-2864, 60 m ISIP 3519, 60 m FFP 2869-3426, 60 m FSIP 3658, Hyd<br>5358-5321.               |                      |                           |



## INSTRUCTIONS

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 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

## Northwestern New Mexico

|                    |        |                  |  |                       |  |                  |  |
|--------------------|--------|------------------|--|-----------------------|--|------------------|--|
| T. Anhy            | 2170   | T. Canyon        |  | T. Ojo Alamo          |  | T. Penn. "B"     |  |
| T. Salt            | 2253   | T. Strawn        |  | T. Kirtland-Fruitland |  | T. Penn. "C"     |  |
| B. Salt            | 2777   | T. Atoka         |  | T. Pictured Cliffs    |  | T. Penn. "D"     |  |
| T. Yates           | 2909   | 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      | 4260   | T. Simpson       |  | T. Gallup             |  | T. Ignacio Qtzte |  |
| T. Glorieta        | 5698   | T. McKee         |  | Base Greenhorn        |  | T. Granite       |  |
| T. Paddock         |        | T. Ellenburger   |  | T. Dakota             |  | T.               |  |
| T. Blinbry         |        | T. Gr. Wash      |  | T. Morrison           |  | T.               |  |
| T. Tubb            | 7129   | T. Granite       |  | T. Todilto            |  | T.               |  |
| T. Drinkard        |        | T. Delaware Sand |  | T. Entrada            |  | T.               |  |
| T. Abo             | 7924   | T. Bone Springs  |  | T. Wingate            |  | T.               |  |
| T. Wolfcamp        | 9202   | T.               |  | T. Chinle             |  | T.               |  |
| T. Penn.           |        | T.               |  | T. Permian            |  | T.               |  |
| T. Cisco (Bough C) | 10,140 | T.               |  | T. Penn. "A"          |  | T.               |  |

FORMATION RECORD (Attach additional sheets if necessary)

| From   | To         | Thickness<br>in Feet | Formation                     | From      | To         | Thickness<br>in Feet | Formation            |
|--------|------------|----------------------|-------------------------------|-----------|------------|----------------------|----------------------|
| 0      | 2170       | 2170                 | Caliche, Red Beds, Sand       | P & A:    | 5-9-68     |                      |                      |
| 2170   | 2910       | 740                  | Anhydrite, Salt               |           |            |                      |                      |
| 2910   | 4260       | 1350                 | Anhy, salt, sand, shale       | 150       | Sx Cement  | 10,000' - 10,440'    |                      |
| 4260   | 5500       | 1240                 | Dolo., Anhy.                  | 25        | Sx Cement  | 8,100' - 8,200'      |                      |
| 5500   | 6040       | 540                  | Dolo., Sand, Anhy             | 75        | Sx Cement  | 4,100' - 4,300'      |                      |
| 6040   | 7900       | 1960                 | Dolo., Sand, Shale            | 25        | Sx Cement  | 1097'                |                      |
| 7900   | 9200       | 1300                 | Gr & Rd Shale, Dolo, Anhy     | 25        | Sx Cement  | 343'                 |                      |
| 9200   | 10,444     | 1244                 | Lime, Dolo, Shale & Chert     | 10        | Sx Cement  | at surface           |                      |
| <br>   |            |                      |                               |           |            |                      |                      |
| DST #1 | - (10,055- | 10,082')             | Tool open 60m, good blow air, | Rec 180'  | DM,        | 2331'                | Xw.                  |
|        | 30 m IFP   | 138-576,             | 90 m ISIP 3548,               | 60 m FFP  | 622-1127,  | 180 m FSIP           | 3525, Hyd 5158.      |
| <br>   |            |                      |                               |           |            |                      |                      |
| DST #2 | - (10,095- | 10,174)              | Fair blow air, Rec 270'       | DM,       | 310'       | MCXW,                | 1240' Sul. W.,       |
|        | 2380'      | XSul. W. Pressures:  | 30 m IFP 46-923,              | 60 m ISIP | 3133,      | 75 m FFP             |                      |
|        | 923-1937,  | 120 m FSIP           | 3133, Hyd. 5063.              |           |            |                      |                      |
| <br>   |            |                      |                               |           |            |                      |                      |
| DST #3 | - (10,397- | 10,440)              | Weak blow air, Rec 200'       | DM,       | 180'       | MCXW,                | 7306' XW. Pressures: |
|        | 30 m IFP   | 897-2864,            | 60 m ISIP 3519,               | 60 m FFP  | 2869-3426, | 60 m FSIP            | 3658, Hyd            |
|        | 5358-5321. |                      |                               |           |            |                      |                      |