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

Form C-105  
Revised 11-1-8

|                                           |                              |
|-------------------------------------------|------------------------------|
| 1. Indicate Type of Lease                 |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 2. State Oil & Gas Lease No.              |                              |
| B-2071-24                                 |                              |

|                  |                                                                                                                                            |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 10. TYPE OF WELL | OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------|

|                        |                                                                                                                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11. TYPE OF COMPLETION | NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESERV. <input type="checkbox"/> |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                     |                                                                    |
|---------------------|--------------------------------------------------------------------|
| 2. Name of Operator | ARCO Oil and Gas Company<br>Division of Atlantic Richfield Company |
|---------------------|--------------------------------------------------------------------|

|                        |                                     |
|------------------------|-------------------------------------|
| 3. Address of Operator | Box 1710, Hobbs, New Mexico 88240 ✓ |
|------------------------|-------------------------------------|

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| 4. Location of Well | UNIT LETTER <u>N</u> LOCATED <u>1200</u> FEET FROM THE <u>South</u> LINE AND <u>2500</u> FEET FROM |
|---------------------|----------------------------------------------------------------------------------------------------|

|                                                                        |  |
|------------------------------------------------------------------------|--|
| THE <u>West</u> LINE OF SEC. <u>34</u> TWP. <u>17S</u> RGE. <u>28E</u> |  |
|------------------------------------------------------------------------|--|

|                  |        |                       |         |                                  |        |                                        |            |                      |  |
|------------------|--------|-----------------------|---------|----------------------------------|--------|----------------------------------------|------------|----------------------|--|
| 15. Date Spudded | 6/7/79 | 16. Date T.D. Reached | 6/23/79 | 17. Date Compl. (Ready to Prod.) | 7/7/79 | 18. Elevations (DF, RKB, RT, GR, etc.) | 3660.9' GR | 19. Elev. Casinghead |  |
|------------------|--------|-----------------------|---------|----------------------------------|--------|----------------------------------------|------------|----------------------|--|

|                 |       |                    |       |                                  |  |                          |              |             |  |
|-----------------|-------|--------------------|-------|----------------------------------|--|--------------------------|--------------|-------------|--|
| 20. Total Depth | 6360' | 21. Plug Back T.D. | 6314' | 22. If Multiple Compl., How Many |  | 23. Intervals Drilled By | Rotary Tools | Cable Tools |  |
|-----------------|-------|--------------------|-------|----------------------------------|--|--------------------------|--------------|-------------|--|

|                                                                   |                     |                                 |    |
|-------------------------------------------------------------------|---------------------|---------------------------------|----|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name | 6205-6225' Abo Reef | 25. Was Directional Survey Made | No |
|-------------------------------------------------------------------|---------------------|---------------------------------|----|

|                                      |                                                  |                    |    |
|--------------------------------------|--------------------------------------------------|--------------------|----|
| 26. Type Electric and Other Logs Run | DLL-Micro-SFL, BC Sonic, Comp Neutron Fm Density | 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" OD   | 24# K-55       | 744'      | 11"       | 380 sx           |               |
| 5 1/2" OD   | 15.5# K-55     | 6360'     | 7-7/8"    | 1224 sx          |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

| 29. LINER RECORD |     |        |              | 30. TUBING RECORD |           |           |            |
|------------------|-----|--------|--------------|-------------------|-----------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE      | DEPTH SET | PACKER SET |
|                  |     |        |              |                   | 2-3/8" OD | 6195'     | 6195'      |
|                  |     |        |              |                   |           |           |            |

|                                                    |                                     |                                                                                                  |
|----------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------|
| 31. Perforation Record (Interval, size and number) | 6205-6225' = 2 JSPF (40 .44" holes) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                   |
|                                                    |                                     | DEPTH INTERVAL                                                                                   |
|                                                    |                                     | 6254-74'                                                                                         |
|                                                    |                                     | 150 gal 15%HCL-NE-LST acid, 1000 gal gel 10#CaCl wtr, 1000 gal gel LC, 1000 gal 15% acid, 24 BO. |
|                                                    |                                     | 6205-25'                                                                                         |
|                                                    |                                     | 150 gal 15%HCL-NE-LST acid, 2000 gal 10#CaCl wtr, 2000 gal gel LC, 1000 gal 15% acid, 24 BO.     |

|                |                                                         |
|----------------|---------------------------------------------------------|
| 33. PRODUCTION | 10#CaCl wtr, 2000 gal gel LC, 1000 gal 15% acid, 24 BO. |
|----------------|---------------------------------------------------------|

|                       |        |                                                                     |      |                           |      |
|-----------------------|--------|---------------------------------------------------------------------|------|---------------------------|------|
| Date First Production | 7/7/79 | Production Method (Flowing, gas lift, pumping - Size and type pump) | Flwg | Status (Prod. or Shut-in) | Prod |
|-----------------------|--------|---------------------------------------------------------------------|------|---------------------------|------|

|              |         |              |    |            |        |                         |            |     |           |     |              |   |                 |       |
|--------------|---------|--------------|----|------------|--------|-------------------------|------------|-----|-----------|-----|--------------|---|-----------------|-------|
| Date of Test | 7/10/79 | Hours Tested | 24 | Choke Size | 48/64" | Prod'n. For Test Period | Oil - Bbl. | 317 | Gas - MCF | 120 | Water - Bbl. | 0 | Gas - Oil Ratio | 340:1 |
|--------------|---------|--------------|----|------------|--------|-------------------------|------------|-----|-----------|-----|--------------|---|-----------------|-------|

|                    |     |                 |     |                         |            |     |           |     |              |   |                           |     |
|--------------------|-----|-----------------|-----|-------------------------|------------|-----|-----------|-----|--------------|---|---------------------------|-----|
| Flow Tubing Press. | 90# | Casing Pressure | Pkr | Calculated 24-Hour Rate | Oil - Bbl. | 317 | Gas - MCF | 120 | Water - Bbl. | 0 | Oil Gravity - API (Corr.) | 44° |
|--------------------|-----|-----------------|-----|-------------------------|------------|-----|-----------|-----|--------------|---|---------------------------|-----|

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

|                         |                                                      |
|-------------------------|------------------------------------------------------|
| 35. List of Attachments | Logs as listed in Item 26 above & Inclination Report |
|-------------------------|------------------------------------------------------|

|                                                                                                                                         |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|--|
| 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 SLK for L.D. CASE

TITLE Dist. Drlg. Supt.

DATE 7/17/79

*Posted 7-20-79  
AHO/AP*

# 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 radioactivity 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 32 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 _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____         | 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 _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qizte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinbry _____         | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Granite _____       | T. Todillo _____            | T. _____               |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____               |
| T. Abo _____ 6162'       | T. Bone Springs _____  | 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 _____ 6205' _____ to _____ 6225' _____ | No. 4, from _____ to _____ |
| No. 2, from _____ to _____                         | No. 5, from _____ to _____ |
| No. 3, 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. | Water flow encountered @ |
| No. 2, from _____ to _____ | feet. | 2560' ARO 21 BWPH        |
| No. 3, from _____ to _____ | feet. |                          |
| No. 4, from _____ to _____ | feet. |                          |

### FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness in Feet | Formation                      | From | To | Thickness in Feet | Formation |
|------|------|-------------------|--------------------------------|------|----|-------------------|-----------|
| 0    | 750  | 750               | Surface, Caliche, Sd, Red Beds |      |    |                   |           |
| 750  | 2410 | 1660              | Anhydrite                      |      |    |                   |           |
| 2410 | 4860 | 2450              | Lime                           |      |    |                   |           |
| 4860 | 5114 | 254               | Lime & Shale                   |      |    |                   |           |
| 5114 | 5310 | 196               | Shale, Lime                    |      |    |                   |           |
| 5310 | 6360 | 1050              | Lime                           |      |    |                   |           |