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Form C-105  
Revised 1-1-65

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

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No.

K-4334

7. Unit Agreement Name

8. Farm or Lease Name

State BR Com.

9. Well No.

1

10. Field and Pool, or Wildcat  
~~Undesignated~~ Morrow Gas  
~~Wildcat Atoka Gas~~

12. County

Eddy

1a. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

Dual Gas/Gas

DRY ☐

OTHER

b. TYPE OF COMPLETION

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

OTHER

2. Name of Operator

Atlantic Richfield Company

3. Address of Operator

P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM

THE West LINE OF SEC. 16 TWP. 21S RGE. 26E NMPM

15. Date Spudded

6/30/74

16. Date T.D. Reached

9/6/74

17. Date Compl. (Ready to Prod.)

10/9/74

18. Elevations (DF, RKB, RT, GR, etc.)

3285.4' GR

19. Elev. Casinghead

20. Total Depth

11,140'

21. Plug Back T.D.

10,936'

22. If Multiple Compl., How Many  
2

23. Intervals Drilled By

Rotary Tools

Cable Tools

0-11,140'

24. Producing Interval(s), of this completion - Top, Bottom, Name

10,820-10,929' Morrow Gas

~~10,105-10,108' Atoka Gas~~

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

BHC GR-Neutron Density, Micro laterolog & Dual Laterolog

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" OD  | 48 & 54#       | 510'      | 17-1/2"   | 500 sx & 8 yds Readi-mix |               |
| 8-5/8" OD   | 24 & 32#       | 2503'     | 12-1/4"   | 900 sx                   |               |
| 5-1/2" OD   | 15.5 & 17#     | 11,134'   | 7-7/8"    | 850 sx                   |               |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN                      | SIZE   | DEPTH SET | PACKER SET       |
|------|-----|--------|--------------|-----------------------------|--------|-----------|------------------|
|      |     |        |              | Morrow produces thru casing |        |           |                  |
|      |     |        |              | Atoka                       | 2-3/8" | 10,735'   | 10735'top-10020' |

31. Perforation Record (Interval, size and number)

10820, 22, 23, 25, 54, 57, 60, 63, 923, 25, 27,

29' = 12 - .27" holes (Morrow Gas)

~~10105, 06, 07, 08' = 4 - .27" holes~~

~~(Atoka Gas)~~

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

btm.

| DEPTH INTERVAL       | AMOUNT AND KIND MATERIAL USED                    |
|----------------------|--------------------------------------------------|
| 10820-10929'         | 3000 gals 7 1/2% MS acid, 71,000 ft <sup>3</sup> |
|                      | N <sub>2</sub> (Morrow)                          |
| <del>10105-08'</del> | <del>1000 gals 7 1/2% MS acid &amp; 55,000</del> |
|                      | <del>ft<sup>3</sup> N<sub>2</sub> (Atoka)</del>  |

33. PRODUCTION

|                                                              |                                                                                           |                                                      |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------|
| Date First Production<br>9/22/74 (Morrow)<br>9/28/74 (Atoka) | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing<br>Flowing | Well Status (Prod. or Shut-in)<br>Shut-in<br>Shut-in |
| Date of Test<br>10/16/74 (Morrow)<br>10/18/74 (Atoka)        | Hours Tested<br>4<br>4                                                                    | Choke Size<br>8/64"<br>7/64"                         |
| Flow Tubing Press.                                           | Casing Pressure<br>354# Morrow                                                            | Calculated 24-Hour Rate<br>→                         |
|                                                              | Oil - Bbl.<br>0<br>0                                                                      | Gas - MCF<br>600<br>612                              |
|                                                              | Water - Bbl.<br>0<br>0                                                                    | Gas - Oil Ratio<br>0<br>0                            |
|                                                              | Oil Gravity - API (Corr.)<br>-                                                            |                                                      |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Shut in pending connection to purchaser (Morrow)

~~Shut in pending connection to purchaser (Atoka)~~

Test Witnessed By

Joe A. Coleman

35. List of Attachments

Logs & Deviation survey record

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 Dist. Drlg. Supv.

DATE 11/5/74

# 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 _____                 | T. Canyon _____            | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____                 | T. Strawn _____ 9715       | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____                 | T. Atoka _____ 10102       | 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 Qtzte _____ |
| T. Glorieta _____             | T. McKee _____             | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____              | T. Ellenburger _____       | T. Dakota _____             | T. _____               |
| T. Blinebry _____             | T. Gr. Wash _____          | T. Morrison _____           | T. _____               |
| T. Tubb _____                 | T. Granite _____           | T. Todilto _____            | T. _____               |
| T. Drinkard _____             | T. Delaware Sand _____     | T. Entrada _____            | T. _____               |
| T. Abo _____                  | T. Bone Springs _____ 4370 | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____ 8290        | T. Morrow _____ 10596      | T. Chinle _____             | T. _____               |
| T. Penn. _____                | T. _____                   | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ 9292 | T. _____                   | T. Penn. "A" _____          | T. _____               |
| T. Dean _____ 7900            |                            |                             |                        |

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

| From  | To    | Thickness<br>in Feet | Formation          | From | To | Thickness<br>in Feet | Formation |
|-------|-------|----------------------|--------------------|------|----|----------------------|-----------|
| 0     | 516   | 516                  | Surface & Red Beds |      |    |                      |           |
| 516   | 870   |                      | Anhydrite          |      |    |                      |           |
| 870   | 1013  |                      | Anhydrite & Lime   |      |    |                      |           |
| 1013  | 1252  |                      | Anhydrite & Sand   |      |    |                      |           |
| 1252  | 1425  |                      | Anhydrite          |      |    |                      |           |
| 1425  | 1541  |                      | Lime & Anhydrite   |      |    |                      |           |
| 1541  | 2978  |                      | Lime               |      |    |                      |           |
| 2978  | 4394  |                      | Lime & Sand        |      |    |                      |           |
| 4394  | 8134  |                      | Lime               |      |    |                      |           |
| 8134  | 8355  |                      | Lime & Shale       |      |    |                      |           |
| 8355  | 8515  |                      | Lime, shale & Sand |      |    |                      |           |
| 8515  | 9279  |                      | Lime & Shale       |      |    |                      |           |
| 9279  | 9410  |                      | Lime               |      |    |                      |           |
| 9410  | 9899  |                      | Lime & Shale       |      |    |                      |           |
| 9899  | 9993  |                      | Lime, Shale & Sand |      |    |                      |           |
| 9993  | 10212 |                      | Lime & Shale       |      |    |                      |           |
| 10212 | 10218 |                      | Lime               |      |    |                      |           |
| 10218 | 10952 |                      | Lime, Shale & Sand |      |    |                      |           |
| 10952 | 10979 |                      | Lime & Shale       |      |    |                      |           |
| 10979 | 11045 |                      | Lime, Shale & Sand |      |    |                      |           |
| 11045 | 11140 |                      | Lime & Shale       |      |    |                      |           |
|       | TD    |                      |                    |      |    |                      |           |