

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.

30-015-00717

5. Indicate Type Of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

06-693

7. Lease Name or Unit Agreement Name

EMPIRE ABO UNIT "K"

8. Well No.

16

9. Pool name or Wildcat

EMPIRE ABO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☒

2. Name of Operator

ARCO Permian

3. Address of Operator

P.O. BOX 1610, MIDLAND, TX 79702

4. Well Location

Unit Letter I : 1980 Feet From The SOUTH Line and 660 Feet From The EAST Line

Section 2

Township 18S

Range 27E

NMPM

EDDY County

10. Date Spudded

01-17-95

11. Date T.D. Reached

02-03-95

12. Date Compl. (Ready to Prod.)

02-06-95

13. Elevations (DF & RKB, RT, GR, etc.)

3574 GR

14. Elev. Casinghead

15. Total Depth

6813MD 6114TV

16. Plug Back T.D.

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

20. Was Directional Survey Made

YES

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

6039-6813

21. Type Electric and Other Logs Run

NONE

22. Was Well Cored

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       | 24             | 1387      | 12 1/4    | 750              | 0             |
| 5 1/2       | 14             | 6101      | 7 7/8     | 925              | 0             |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE  | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|-------|-----------|------------|
|      |     |        |              |        | 2 3/8 | 5985      |            |
|      |     |        |              |        |       |           |            |
|      |     |        |              |        |       |           |            |

26. Perforation record (interval, size, and number)

6039-6813 OH

27. ACID, SHOT, FRACTURE, CEMENT, SOLE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

NA

MAR 29 1995

PRODUCTION

|                           |                 |                                                                     |                        |            |              |                           |                 |
|---------------------------|-----------------|---------------------------------------------------------------------|------------------------|------------|--------------|---------------------------|-----------------|
| 28. Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                        |            |              |                           |                 |
| Date of Test              | Hours Tested    | Choke Size                                                          | Prod'n For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.              | Gas - Oil Ratio |
| 02-13-95                  | 24              |                                                                     |                        | 25         | 39           | 239                       | 1560            |
| Flow Tubing Press.        | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.             | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.) |                 |
|                           |                 |                                                                     | 25                     | 39         | 239          |                           |                 |

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

SOLD

30. List Attachments

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

Ken W. Gosnell

Printed Name

KEN W. GOSNELL

Title

AGENT

Date 03-28-95

# 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 _____            | T. Canyon _____        |
| T. Salt _____            | T. Strawn _____        |
| B. Salt _____            | T. Atoka _____         |
| T. Yates _____           | T. Miss _____          |
| T. 7 Rivers _____        | T. Devonian _____      |
| T. Queen _____           | T. Silurian _____      |
| T. Grayburg _____        | T. Montoya _____       |
| T. San Andres _____      | T. Simpson _____       |
| T. Glorieta _____        | T. McKee _____         |
| T. Paddock _____         | T. Ellenburger _____   |
| T. Blinebry _____        | T. Gr. Wash _____      |
| T. Tubb _____            | T. Delaware Sand _____ |
| T. Drinkard _____        | T. Bone Springs _____  |
| T. Abo _____             | T. _____               |
| T. Wolfcamp _____        | T. _____               |
| T. Penn _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               |

### Northeastern 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 Otzte _____ |
| 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 _____ to _____ | 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 |
|------|----|----------------------|-----------|------|----|----------------------|-----------|
|      |    |                      |           |      |    |                      |           |