

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

MAR 20 1996

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.  
30-031-20873

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER DIST. 3  
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER Horizontal Redrill

7. Lease Name or Unit Agreement Name

Arena Blanca H (017342)

2. Name of Operator  
Merrion Oil & Gas Corporation (014634)

8. Well No.  
001

3. Address of Operator  
610 Reilly Ave., Farmington, NM 87401-2634

9. Pool name or Wildcat  
Arena Blanca Entrada (02285)

4. Well Location  
Unit Letter I: 2360 Feet From The south Line and 1200 Feet From The east Line  
Section 36 Township 20N Range 05W NMPM McKinley County

10. Date Spudded 7/1/85 11. Date T.D. Reached 10/5/95 12. Date Compl. (Ready to Prod.) 10/9/95 13. Elevations (DF & RKB, RT, GR, etc.) 6634' GR; 6647' KB 14. Elev. Casinghead

15. Total Depth 5528' TVD; 6096' MD 16. Plug Back T.D. 5528' TVD; 6096' MD 17. If Multiple Compl. How Many Zones? 0 18. Intervals Drilled By Rotary Tools 0-TD Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name  
Entrada 5520'-5528' TVD 20. Was Directional Survey Made  
Yes

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 |
|-------------|---------------|-----------|-----------|-------------------------|---------------|
| 9-5/8"      | 32#, J55      | 231' KB   | 13-1/2"   | 190 sx (224.2 cu. ft.)  | CL B          |
| 7"          | 23#, J55      | 5614' KB  | 8-3/4"    | 760 sx (1003.2 cu. ft.) | CL H          |
|             |               |           |           | 300 sx (396 cu. ft.)    | CL H          |

| LINER RECORD |          |          |              | TUBING RECORD |           |            |
|--------------|----------|----------|--------------|---------------|-----------|------------|
| SIZE         | TOP      | BOTTOM   | SACKS CEMENT | SIZE          | DEPTH SET | PACKER SET |
| 4-1/2"       | 4536' MD | 5666' MD | 175          | 3-1/2"        | 3242'     |            |

26. Perforation record (interval, size, and number)  
Open hole completion  
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

PRODUCTION

| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                        |            |              | Well Status (Prod. or Shut-in) |                 |
|-----------------------|-----------------|---------------------------------------------------------------------|------------------------|------------|--------------|--------------------------------|-----------------|
| 10/7/95               |                 | Swab test                                                           |                        |            |              | Shut-In                        |                 |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 10/10/95              | 5               |                                                                     |                        | 0          | 0            | 90                             | 0               |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.             | Gas - MCF  | Water - Bbl. | Oil Gravity - API - (Corr.)    |                 |
| 0                     | 0               |                                                                     | 0                      | 0          | 432          | ---                            |                 |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
None Test Witnessed By  
Paul Thompson

30. List Attachments  
Directional Survey

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 Steven S. Dunn Printed Name Steven S. Dunn Title Opr Mgr Date 3/19/96

## 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

## 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 @ surface _____              | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____          | <del>T. Cliff House</del> Laventana 1308' _____ | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee 1440' _____                          | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout 2348' _____                    | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos 2490' _____                           | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup 3300' _____                           | T. Ignacio Otzte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn 4295' _____                      | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota 4397' _____                           | T. _____               |
| T. Blinebry _____        | T. Gr. Wash _____      | T. Morrison 4760' _____                         | T. _____               |
| T. Tubb _____            | T. Delaware Sand _____ | T. Todilto 5494' _____                          | T. _____               |
| T. Drinkard _____        | T. Bone Springs _____  | T. Entrada 5504' _____                          | T. _____               |
| T. Abo _____             | T. _____               | 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.....to.....  
No. 2, from.....to.....  
No. 3, 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 |
|------|----|----------------------|-----------|
|      |    |                      |           |