

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.  
**30-045-2940**

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 \_\_\_\_\_

b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER \_\_\_\_\_

2. Name of Operator  
**Richardson Oil Company**

3. Address of Operator  
**1700 Lincoln St. Suite 1700 Denver CO. 80202**

4. Well Location  
Unit Letter **H**: **2171** Feet From The **North** Line and **775** Feet From The **East** Line  
Section **15** Township **29N** Range **13W** NMPM **San Juan** County

7. Lease Name or Unit Agreement Name  
**ROP 0156W 'A' PL 'B' FC**

8. Well No.  
**1**

9. Pool name or Wildcat  
**Fruitland coal / Pictured cliff**

10. Date Spudded **12-6-96** 11. Date T.D. Reached **12-10-96** 12. Date Compl. (Ready to Prod.) **2-28-97** 13. Elevations (DF & RKB, RT, GR, etc.) **5304 GR** 14. Elev. Casinghead **5304 GR**

15. Total Depth **1360** 16. Plug Back T.D. **1310** 17. If Multiple Compl. How Many Zones? **2** 18. Intervals Drilled By Rotary Tools **X** Cable Tools \_\_\_\_\_

19. Producing Interval(s), of this completion - Top, Bottom, Name  
**Fruitland Coal / Pictured Cliffs**

20. Was Directional Survey Made  
**YES**

21. Type Electric and Other Logs Run  
**CND/PI/GR/CCL**

22. Was Well Cored  
**NO**

23. CASING RECORD (Report all strings set in well)

| CASING SIZE   | WEIGHT LB/FT. | DEPTH SET   | HOLE SIZE      | CEMENTING RECORD | AMOUNT PULLED |
|---------------|---------------|-------------|----------------|------------------|---------------|
| <b>10 7/8</b> | <b>40.5#</b>  | <b>15'</b>  | <b>12 1/4"</b> |                  |               |
| <b>7"</b>     | <b>20#</b>    | <b>123'</b> | <b>8 7/8"</b>  | <b>75 SX B</b>   |               |
| <b>4 1/2"</b> | <b>10.5#</b>  | <b>1348</b> | <b>6 1/4"</b>  | <b>180 SX B</b>  |               |

24. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |

25. TUBING RECORD

| SIZE         | DEPTH SET    | PACKER SET |
|--------------|--------------|------------|
| <b>2 3/8</b> | <b>1180'</b> | <b>NO</b>  |

26. Perforation record (interval, size, and number)  
**Pictured Cliffs 1154-82 .38 2 SPK**  
**Fruitland Coal 1120-42 .38 2 SPK**

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| <b>1154-82</b> | <b>FIAC 66 200# 12-20</b>     |
| <b>1120-42</b> | <b>FIAC 44 700# 12-20</b>     |

28. PRODUCTION **Fruitland coal Interval**

Date First Production **2-28-97** Production Method (Flowing, gas lift, pumping - Size and type pump) **Flowing** Well Status (Prod. or Shut-in) **Producing**

Date of Test **2-4-97** Hours Tested **24** Choke Size **.625** Prod'n For Test Period **-** Oil - Bbl **-** Gas - MCF **92** Water - Bbl **482** Gas - Oil Ratio **-**

Flow Tubing Press. **100** Casing Pressure **190** Calculated 24-Hour Rate **-** Oil - Bbl **-** Gas - MCF **92** Water - Bbl **482** Oil Gravity - API - (Corr.) **41.4**

29. Disposition of Gas (Sold, used for fuel, vented, etc.) **Vented** Test Witnessed By \_\_\_\_\_

30. List Attachments  
**COPY of Logs + FC Flow Test**

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

Printed Name **Mitchell J. Steinkamp** Title **OP Manager** Date **3-28-97**

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 quadruplicate except on state land, where six copies are required. See Rule 1105.

Southeastern New Mexico

OIL OR GAS SANDS OR ZONES

Include data on rate of water inflow and elevation to which water rose in hole.

LITHOLOGY RECORD (Attach additional sheet if necessary)

[illegible]

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District Office  
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Form C-105  
Revised 1-1-89

WELL API NO.  
30-045-2940/17

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Ropco 156W 'A' PL 'B' FC

8. Well No.

9. Pool Name or Willcox

Fruitland coal / Pictured cliff

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

b. Type of Completion:  
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DFF RESVR ☐ OTHER ☐

2. Name of Operator  
Richardson Oil Company

3. Address of Operator  
1700 Lincoln St. Suite 1700 Denver CO. 80202

4. Well Location  
Unit Leader H : 2171 Feet From The North Line and 775 Feet From The East Line

Section 15 Township 29N Range 13W NMEPM San Juan County

10. Date Spudded 12-6-96 11. Date T.D. Reached 12-10-96 12. Date Compl. (Ready to Prod.) 2-28-97 13. Elevations (DF & RKB, RT, GR, etc.) 5304 GR 14. Elev. Casinghead 5304 GR

15. Total Depth 1360 16. Plug Back T.D. 1310 17. If Multiple Compl. How Many Zones? 2 18. Intervals Drilled By Rotary Tools X Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name  
Fruitland coal / Pictured cliffs 20. Was Directional Survey Made YCS

21. Type Electric and Other Logs Run  
CND/DI/GR/CCL 22. Was Well Cored NO

| 23. CASING RECORD (Report all strings set in well) |               |           |           |  | CEMENTING RECORD |  |
|----------------------------------------------------|---------------|-----------|-----------|--|------------------|--|
| CASING SIZE                                        | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE |  |                  |  |
| 10 7/8                                             | 40.5#         | 15'       | 12 1/4"   |  | 75 SX B          |  |
| 7"                                                 | 20#           | 123'      | 8 7/8"    |  | 180 SX B         |  |
| 4 1/2"                                             | 10.5#         | 1348      | 6 1/4"    |  |                  |  |

| 24. LINER RECORD |     |        |              |        | 25. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2 3/8             | 1180'     | NO         |

| 26. Perforation record (interval, size, and number) |         |     |       | 27. ACID, SHOT, FRACTURE CEMENT, SQUEEZE, ETC. |                               |
|-----------------------------------------------------|---------|-----|-------|------------------------------------------------|-------------------------------|
| Pictured cliff                                      | 1154-82 | .38 | 2 SPK | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
| Fruitland coal                                      | 1120-42 | .38 | 2 SPK | 1154-82                                        | FIAC 66,200# 12-20            |
|                                                     |         |     |       | 1120-42                                        | FIAC 44,200# 12-20            |

28. PRODUCTION COMMINGLED Fruitland - Pictured cliff  
Date First Production 2-28-97 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Producing

| Date of Test       | Hours Tested    | Choke Size              | Prod'n For Test Period | Oil - Bbl | Gas - MCF   | Water - Bbl                 | Gas - Oil Ratio |
|--------------------|-----------------|-------------------------|------------------------|-----------|-------------|-----------------------------|-----------------|
| 2-28-97            | 24              |                         |                        |           | 198         | 482                         |                 |
| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl              | Gas - MCF | Water - Bbl | Oil Gravity - API - (Corr.) |                 |
| 100                | 190             |                         |                        | 198       | 482         | N/A                         |                 |

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

30. List Attachments  
COPY of Logs

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.  
Printed Name Mitchell J. Steinke Title OP Manager Date 3-28-97

## 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 <u>1117'</u> | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs <u>1154'</u>    | 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 Otzte _____ |
| 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. Delaware Sand _____ | T. Todilto _____                   | T. _____               |
| T. Drinkard _____        | T. Bone Springs _____  | T. Entrada _____                   | T. _____               |
| T. Abo _____             | T. _____               | T. Wingate _____                   | T. _____               |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____                    | T. _____               |
| T. Perm _____            | 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 |
|------|----|----------------------|-----------|
|      |    |                      |           |