

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.  
**JICARILLA CONTRACT NO. 42**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**JICARILLA APACHE**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**CINCO DIABLOS**

9. WELL NO.

**14**

10. FIELD AND POOL, OR WILDCAT

**BALLARD PC**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

**SEC. 14, T-23N, R-4W**

12. COUNTY OR PARISH

**RIO ARriba NEW MEXICO**

13. STATE

## WELL COMPLETION OR RECOMPLETION REPORT

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

**JOHN E. SCHALK**

3. ADDRESS OF OPERATOR

**915 MIDLAND SAVINGS BUILDING, DENVER, COLORADO 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface **1850' FSL, 1850' FWL**At top prod. interval reported below **SAME**At total depth **SAME**

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

**5-13-69 5-18-69 6-5-69 7278' GR 7278' GR**

20. TOTAL DEPTH, MD &amp; TVD 21. PLUG, BACK T.D., MD &amp; TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERESTED ROTARY TOOLS CABLE TOOLS

**2950' 2906' - - - - -**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

**PICTURED CLIFFS:  
2862' - 2866': 2873- 79**

25. WAS DIRECTIONAL SURVEY MADE

**NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**SCHLUMBERGER - ES**

27. WAS WELL CORED

**NO**

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|---------------|
| 7-5/8       | 24.00           | 102            | 11"       | 90 SACKS      |
| 4-1/2       | 10.5            | 2942           | 6-3/4"    | 150 SACKS     |
|             |                 |                |           | NONE          |
|             |                 |                |           | NONE          |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| NONE |          |             |               |             | 1-1/4" | 2900           | NONE            |

31. PERFORATION RECORD (Interval, size and number)

**2862 - 66, 8 HOLES  
2873 - 79, 12 HOLES**

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 2873- 79            | 40,800 GAL. WATER                |
| 2862- 66            | 35,000 LBS. 20/40 SAND           |

33.\* PRODUCTION

DATE FIRST PRODUCTION **WAITING ON PIPELINE** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **FLOWING** WELL STATUS (Producing, or shut-in) **SHUT-IN**

| DATE OF TEST        | HOURS TESTED    | CHOKE SIZE              | PROD'N. FOR TEST PERIOD | OIL—BBL.            | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO |
|---------------------|-----------------|-------------------------|-------------------------|---------------------|------------|-------------------------|---------------|
| 6-5-69              | 3               | 3/4                     | →                       | NONE                | 693        | NONE                    | -----         |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL.                | GAS—MCF.            | WATER—BBL. | OIL GRAVITY-API (CORR.) |               |
| 46                  | 301             | →                       | NONE                    | 374-693<br>CAOP 837 | NONE       | NONE                    |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

**WAITING ON PIPELINE CONNECTION**TEST WITNESSED BY  
**T. A. DUGAN**

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED **DAVE M. THOMAS, JR.** TITLE **PETROLEUM GEOLOGIST**DATE **6-9-69**

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 88, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

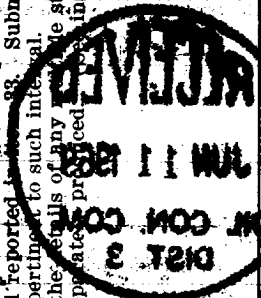
**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported to item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertaining to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any cementing stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. See instruction for items 22 and 24 above.



| 37. SUMMARY OF POROUS ZONES:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL WELL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLUWING AND SHUT-IN PRESSURES, AND RECOVERIES |      | 38. GEOLOGIC MARKERS |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------|-----------------|
| FORMATION                                                                                                                                                                                                                                         | TOP  | BOTTOM               | NAME            |
| OJO ALAMO                                                                                                                                                                                                                                         | 2480 | 2560                 | OJO ALAMO       |
| KIRTLAND                                                                                                                                                                                                                                          | 2560 | 2718                 | KIRTLAND        |
| FRUITLAND                                                                                                                                                                                                                                         | 2718 | 2860                 | FRUITLAND       |
| PICTURED CLIFFS                                                                                                                                                                                                                                   | 2860 | 2950                 | PICTURED CLIFFS |

| NAME            | WELL NO. | DEPTH | TOP  | VERT. DEPTH |
|-----------------|----------|-------|------|-------------|
| OJO ALAMO       | 2480     | 2560  | 2480 | SAME        |
| KIRTLAND        | 2560     | 2718  | 2560 | SAME        |
| FRUITLAND       | 2718     | 2860  | 2718 | SAME        |
| PICTURED CLIFFS | 2860     | 2950  | 2860 | SAME        |