

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 71

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cinco Diables

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Ballard

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

Sec 9 T-23N R-4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

N.M.

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

9-15-66

7091 Gr.

19. ELEV. CASINGHEAD

0-2810

25. WAS DIRECTIONAL SURVEY MADE
Deviation

27. WAS WELL CORED

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

John E. Schalk

3. ADDRESS OF OPERATOR

Box 2078 Farmington, N.M.

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

At surface **1190' from N. line, 990' from W. line**

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

9-29-66

16. DATE T.D. REACHED

10-2-66

17. DATE COMPL. (Ready to prod.)

10-16-66

20. TOTAL DEPTH, MD & TVD

2810

21. PLUG, BACK T.D., MD & TVD

2770

22. IF MULTIPLE COMPL., HOW MANY*

7091 Gr.

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

2728-2740 Pictured Cliffs

26. TYPE ELECTRIC AND OTHER LOGS RUN

Electrical, Gamma Ray Correlation

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD.	AMOUNT PULLED
9 5/8	36	104	13 3/4	75 sks Reg. 2% CaCl ₂	
4 1/2	9.5 & 10.5	2805	7 7/8	100 sks 1:1 Diamix, 4% gel	
				100 sks Class C neat	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2	2719	No

31. PERFORATION RECORD (Interval, size and number)

2728-2734 13 Jets
2738-2740 2 Jets

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

DEPTH INTERVAL (MD)

2728-2740

AMOUNT AND KIND OF MATERIAL USED

40,000# 20-40 Sand,
37,200g treated water

33.*

DATE FIRST PRODUCTION **Waiting Conn.** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **Shut-in**

DATE OF TEST **10-24-66** HOURS TESTED **3** CHOKE SIZE **3/4** PROD'N. FOR TEST PERIOD **→** OIL—BBL. **626** GAS—MCF. **626** WATER—BBL. **626** GAS-OIL RATIO **626**

FLOW. TUBING PRESS. **42** CASING PRESSURE **Flow 105** CALCULATED 24-HOUR RATE **→** OIL—BBL. **695** GAS—MCF. **695** WATER—BBL. **695** OIL GRAVITY-API (CORR.) **695**

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

Vented

TEST WITNESSED BY

G.L. Hoffman

35. LIST OF ATTACHMENTS

Hole Deviation Affidavit

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

SIGNED **V.L. Wiederkehr**

TITLE **Consultant**

DATE **10-25-66**

*(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 33, 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 in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple 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: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo Pictured Cliffs 2718	2338	2370 2740	Water Gas	Ojo Alamo Kirtland Fruitland Pictured Cliffs	2238 2370 2420 2718	