

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SF-078362

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

RINCON

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

LYBROOK GALLUP

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

SW $\frac{1}{4}$ NE $\frac{1}{4}$

SEC. 1-T23N-R7W

12. COUNTY OR PARISH

RIO ARriba NEW MEXICO

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. RENVR. ☐ Other ☐

2. NAME OF OPERATOR

JACK A. COLE

3. ADDRESS OF OPERATOR

P.O. BOX 191, FARMINGTON, NEW MEXICO 87499

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

At surface 1820 FNL x 2130 FEL

At top prod. interval reported below SAME

At total depth SAME

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 5 SEP. 1989 16. DATE T.D. REACHED 13 SEP. 1989 17. DATE COMPL. (Ready to prod.) 25 SEP. 1989 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6827 GR 6841 KB 6827GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5625' 21. PLUG. BACK T.D., MD & TVD 5557 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-5625 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5414'-5434', 5458'-5460', 5478'-5488' 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

INDUCTION ELECTRIC LOG AND FORMATION DENSITY

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24 J-55	254	12 1/4"	250 sx (295 ft ³)	NONE
4 1/2"	11.60 J-55	5621	7 7/8"	1075 sx (2305 ft ³)	NONE
				Circulated 123 sx.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5483	

31. PERFORATION RECORD (Interval, size and number)

5414'-5434' (4 JET SHOTS PER FOOT,
5458'-5460' 0.38 INCH ENTRY HOLE
5478'-5488' DIAMETER.)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5414'-5488'	198,300 GAL. 70% N ₂ FOAM AND 346,000 lb. 20/40 ARIZONA SAND.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
25 SEPTEMBER 1989		FLOWING					ACTIVE	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	SCF/STB
9-27-89	24	48/64"	→	25	150	-0-	6000	STE
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
150 PSIG	525 PSIG	→	25	150	-0-	45.2		

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

SOLD

TEST WITNESSED BY
ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

CASING AND CEMENTING SUMMARY (PRODUCTION CASING)

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

SIGNED

TITLE PETROLEUM ENGINEER

DATE 27 SEPTEMBER 1989

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
OJO ALAMO	1315	1315
KIRTLAND	1435	1435
FRUITLAND	1766	1766
PICTURED CLIFFS	1956	1956
LEWIS	2032	2032
CHACRA	2365	2365
CLIFFHOUSE	2908	2908
MENEFEE	2932	2932
POINT LOOKOUT	4187	4187
MANCOS	4405	4405
GALLUP	5046	5046

CASING AND CEMENTING SUMMARY
Rincon No. 13

14 Sep 1989 - TD 5625'. Set 135 jts (5600.21 ft) of 4-1/2" 11.6# J-55 casing at 5620.71' KB. Float Collar 5558.43', Stage Collar 3973.50 ft.

Cemented first stage as follows: Pumped 10 bbl fresh water, 10 bbl CaCl₂ water, 10 bbl fresh water, 12 bbl Flocheck-21, 10 bbl fresh water spacer, followed by 425 sx (603 ft³) 50/50 Pozmix with 2% gel, 6-1/4 lb/sx gilsonite, and 6 lb/sx salt. Plug down at 24:10 14 September 1989. Opened stage tool and circulated cement. Circ above stage tool for 4 hrs.

Cemented second stage as follows: Pumped same spacer program as first stage followed by 600 sx (1643 ft³) 65/35 Pozmix with 12% gel and 6-1/4 lb/sx gilsonite, then tailed in with 50 sx (59 ft³) Class "B" neat cement. Plug down at 05:55 14 September 1989. Circulated 123 sx (337 ft³) cement.

RECEIVED
OCT 10 1989
OIL COMPANY
DIS