

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

4. LEASE DESIGNATION AND SERIAL NO.

SF-078562

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

RINCON

9. WELL NO.

2

10. FIELD AND POOL OR WILDCAT

ESCRITO GALLUP EXT.

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

SW $\frac{1}{4}$ NE $\frac{1}{4}$
SEC. 30 T24N R6W

12. COUNTY OR PARISH

RIO ARriba

13. STATE

NEW MEXICO

14. PERMIT NO. DATE ISSUED
OIL CON. DIV
DIST. 3

15. DATE SPUDDED 6 OCTOBER 1989
16. DATE T.D. REACHED 16 OCTOBER 1989
17. DATE COMPL. (Ready to prod.) 18 NOVEMBER 1989
18. DATE COMPL. (Ready to prod.) 18 NOVEMBER 1989
19. ELEVATIONS (DF, RKB, RT, GL, ETC.)* 6654' GR 6668' KB 6654'

20. TOTAL DEPTH, MD & TVD 5690/5690
21. PLUG BACK T.D., MD & TVD 5642'
22. IF MULTIPLE COMPL. HOW MANY*
23. INTERVALS DRILLED BY ROTARY TOOLS SURF-5690
24. CABLE TOOLS NONE

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5448'-5479' GALLUP
5521'-5534' GALLUP
25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
SCHLUMBERGER FORMATION DENSITY - GR
27. WAS WELL CORED NO

28. 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	266'	12 1/4"	250SX CIRC.	NONE
4 1/2"	11.6# K-55	5687'	7 7/8"	1075SX CIRC.	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5534	

31. PERFORATION RECORD (Interval, size and number)

5448'-5479' .46" 124 HOLES
5521'-5534' .46" 52 HOLES

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5448'-5534'	850 GAL. 15% HCI
	FRAC WITH 350,000 lb. 20/40
	SAND IN 197,400 GAL.
	70% N ₂ FOAM

33. PRODUCTION

DATE FIRST PRODUCTION 5 NOVEMBER 1989
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING
WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD. FOR TEST PERIOD	OIL—BBL	GAS—MCF	WATER—BBL	GAS-OIL RATIO
5 NOVEMBER 1989	24	2"		50	200		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)	
225	600		50	200	-0-		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
SOLD
TEST WITNESSED BY

35. LIST OF ATTACHMENTS

FRACTURE TREATMENT REPORT, CASING AND CEMENTING SUMMARY BY VK

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

SIGNED

TITLE

PETROLEUM ENGINEER

DATE 21 NOVEMBER 1989

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

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);

GEOLOGIC MARKERS

38.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
OJO ALAMO	1386					
KIRTLAND SHALE	1530					
RUITLAND	1896					
CTURED CLIFFS	1986					
EWIS SHALE	2071					
HACRA	2892					
LIFFHOUSE	3533					
ENEFEE	3562					
OINT LOOKOUT	4258					
LANCOS	4558					
ALLUP	5323					

FRACTURE TREATMENT

Formation GALLUP Stage No. 1Date 25 OCTOBER 1989Operator JACK A. COLE Lease and Well RINCON #2

Correlation Log Type _____ From _____ To _____

Temporary Bridge Plug Type NONE Set At _____

Perforations 5448'-5479', 5521'-5534'
4 Per foot type 3 1/8" 11.5 GRAM BULL JET

Pad 80,000 gallons. Additives 70 QUALITY N₂
FOAMED 30# GEL.

Water 107,400 gallons. Additives 70 QUALITY
NITROGEN FOAMED 30# GEL.

Sand 350,000 lbs. Size 20/40 ARIZONA

Flush 2861 gallons. Additives 55 QUALITY
N₂ FOAMED 30# GEL.

Breakdown N/A psig

Ave. Treating Pressure 3600 psig

Max. Treating Pressure 3750 psig

Ave. Injection Rate 30 BPM

Hydraulic Horsepower 2647 HHP

Instantaneous SIP 2400 psig

5 Minute SIP 1890 psig

10 Minute SIP 1850 psig

15 Minute SIP 1830 psig

Ball Drops: _____ Balls at _____ gallons _____ psig
_____ Balls at _____ gallons _____ psig
_____ Balls at _____ gallons _____ psig

Remarks: _____

CASING AND CEMENTING SUMMARY

Rincon No. 2

(Jack A. Cole)

16 Oct 1989 - TD 5690'. Set 133 jts (5666.95 ft) of 4-1/2" 11.6# K-55 casing plus 6.50' total float equipment at 5687.45' KB. Float Collar 5642.12', Stage Collar 4061.41 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 475 sx (675 ft³) 50/50 Pozmix with 2% gel, 6-1/4 lb/sx gilsonite, and 6 lb/sx salt. Plug down at 19:20 hrs 15 October 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 550 sx (1507 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 01:23 hrs 16 October 1989. Circulated 60 sx (164 ft³) cement.