

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

SF-080202B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

RINCON

9. WELL NO.

36

10. FIELD AND POOL, OR WILDCAT

LYBROOK GALLUP

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
NW/4 SE/4

SEC. 35-T24N-R7W

12. COUNTY OR
PARISH

RIO ARriba NEW MEXICO

13. STATE

18. ELEVATIONS (OF. RKB. RT. GE. ETC.)*

GL 6807' KB 6821'

19. ELEV. CASINGHEAD

6807' MSL

20. TOTAL DEPTH, MD & TVD

5605' MD & TVD

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

5554'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

0-5605'

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

5386'-5402' GALLUP MARYE I

5426'-5457' GALLUP MARYE II-III

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

COMPENSATED DENSITY 5605' TO SURFACE-HALLIBURTON LOGGING SERVICES

27. WAS WELL CORED

NO

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

29. LINER RECORD

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

5386'-5402' 0.45" 32 HOLES

5426, 5428, 5437, 5446, 5448, 5450,

5452, 5454, 5457 0.34" 9-HOLES

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

DEPTH INTERVAL (MD)

5386-5457

AMOUNT AND KIND OF MATERIAL USED

600 GAL. 15% HCl

210,000 LB. 20/40 AZ. SAND IN

99,778 GAL. 60-65 QUALITY

IP N2 FOAMED 20# LINEAR GEL.

33. PRODUCTION

DATE FIRST PRODUCTION

JUNE 16, 1990

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

FLOWING

WELL STATUS (Producing or shut-in)

PRODUCING

DATE OF TEST

JUNE 17, 1990

HOURS TESTED

24

CHOKE SIZE

16/64

PROD'N. FOR TEST PERIOD

54

OIL—BBL.

254

GAS—MCF.

0

WATER—BBL.

4704

GAS-OIL RATIO

300 PSIG

CASING PRESSURE

850 PSIG

CALCULATED 24-HOUR RATE

54

OIL—BBL.

254

GAS—MCF.

0

WATER—BBL.

42

OIL GRAVITY-API (COR.)

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

SOLD

TEST WITNESSED BY

ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

WELLBORE DIAGRAM, CASING & CEMENTING SUMMARY, FRACTURE TREATMENT SUMMARY

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

SIGNED

TITLE

PETROLEUM ENGINEER

FARMINGTON RESOURCE AREA

JUNE 18, 1990

BY

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; co. ed 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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
OJO ALAMO	1434	1500	WATER	OJO ALAMO	1434	1434
KIRTLAND	1610		GAS	KIRTLAND	1610	1610
CLIFFHOUSE	2945		GAS	CLIFFHOUSE	2945	2945
MENEFEE	3060		GAS	MENEFEE	3060	3060
PT. LOOKOUT	4300		SALT WATER & GAS	PT. LOOKOUT	4300	4300
GALLUP	5170		OIL & GAS	GALLUP	5170	5170

38. GEOLOGIC MARKERS

DIAGRAMMATIC WELL SKETCH

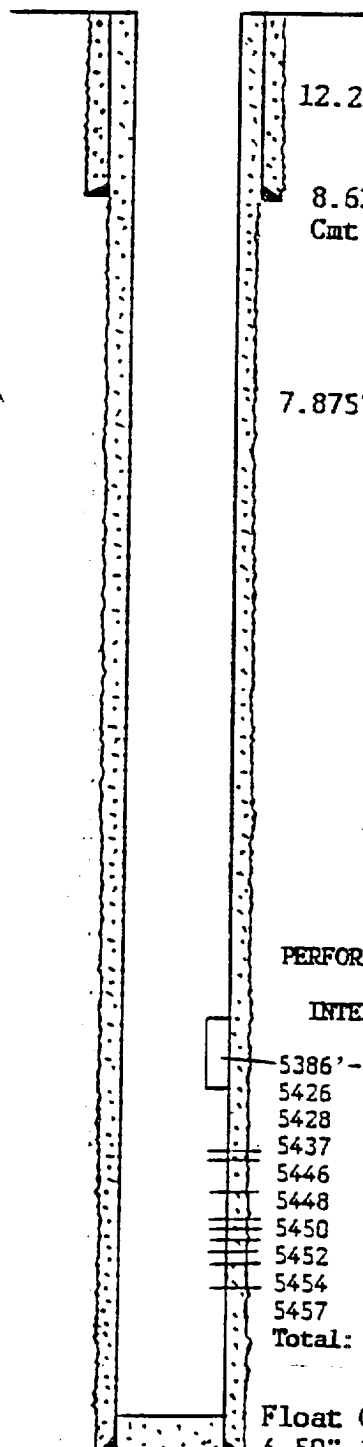
Rincon No. 36
Lybrook Gallup Field
Rio Arriba Co., New Mexico

Location: 1680 FSL x 1840 FEL Sec 35 T24N R7W

Lease #: SF-080202B

Completion Date: June 1990

TD: 5605' PBTD: 5554' GL: 6807' MSL KB: 6821' MSL (14' AGL)



12.25" Hole

8.625" 24# J-55 LT&C Casing at 260'.
Cmt x 250 sx, circ 21 sx.

7.875" Hole

PERFORATION RECORD

INTERVAL	FRET	SPF	#HOLES	DATE OPENED	COMMENTS
5386' - 5402'	16	2	32	IC	0.45" Perfs Marye I Sand
5426	1	1	1	IC	0.34" Perfs Marye II Sand
5428	1	1	1	IC	" "
5437	1	1	1	IC	" "
5446	1	1	1	IC	" Marye III Sand
5448	1	1	1	IC	" "
5450	1	1	1	IC	" "
5452	1	1	1	IC	" "
5454	1	1	1	IC	" "
5457	1	1	1	IC	" "
Total:	25		41		

Float Collar at 5554' PBTD.

4.50" 11.6# J-55 ERW at 5601'. Cmt x 700 sx 65/35 Poz

TD 5605' x tail x 375 sx 50/50 Poz. Circ 202 sx.

12 14 JUNE 90

N. L. DUNCAN

CASING AND CEMENTING SUMMARY
RINCON #36
SEC 35 T24N R7W
RIO ARriba CO., NM
Jack A. Cole

06/03/90 - TD 5605'. Set 127 joints (5586.76' including float equipment) of 4.50" 11.6# J-55 LT&C ERW casing at 5600.76'. Float collar at 5554.10', T/Guide Shoe at 5599.76'. Ran total of 24 casing centralizers including two turbulators. Turbulators set at 1544' and 1540' (Base of Ojo Alamo). Ran one centralizer every 88' through Ojo.

Cemented with 700 sx 65/35 standard/Poz containing 12% gel, 6 lbm/sx gilsonite, and 0.6% Halad-9. Tailed in with ~~350~~³²² sx 50/50 standard/Poz containing 2% gel and 6 lbm/sx gilsonite. Plug down at 12:07 am on 03 June 1990. Floats held. Circulated 95 bbl (202 sacks) cement.

Well Name: Rincon No. 36
Date: 08 June 1990

FRACTURE TREATMENT SUMMARY
Constant Internal Phase Design

% Pad= 25.00%									
Volume (Gal)	Sd Conc (lb/gal)	Stage Proppant	Cumulative Proppant	Cumulative Volume	Internal Phase Quality	Liquid Vol (gal)	Old Def Quality	Slurry Vol (gal)	
PAD:	24,944	0.00	0	0	24,944	60.00%	9,978	60.00%	9,978
	22,500	2.00	45,000	45,000	47,444	65.00%	8,587	52.80%	10,621
	20,000	2.50	50,000	95,000	67,444	65.00%	7,791	49.75%	10,051
	13,333	3.00	40,000	135,000	80,778	65.00%	5,299	46.69%	7,107
	10,000	3.50	35,000	170,000	90,778	65.00%	4,054	43.64%	5,636
	5,000	4.00	20,000	190,000	95,778	65.00%	2,066	40.59%	2,970
	0	4.50		190,000	95,778		0	ERR	0
	4,000	5.00	20,000	210,000	99,778	65.00%	1,716	34.49%	2,620
	0	6.00	0	210,000	99,778	0.00%	0	ERR	0

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IN ZONE TOTAL	99,778		210,000				39,492		48,984
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FLUSH:	3,000			FRESH WATER FLUSH	0.00%	3,000	0.00%	3,000
JOB TOTAL:	102,778		210,000			42,492		51,984

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Total Fluid Required.....	1,012 Barrels
Frac Tank Capacity Less 2' Bottoms.....	360 Barrels
Number of Frac Tanks Required For Job.....	2.81 Tanks

Treatment Data:	AVERAGE INJECTION RATE:	38 BPM
	AVERAGE TREATING PRESSURE:	3,800 PSIG
	ISIP:	1,250 PSIG
	5 MINUTE SIP:	1,225 PSIG
	10 MINUTE SIP:	1,189 PSIG
	15 MINUTE SIP:	1,171 PSIG