

**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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. REVEN. Other _____

3. NAME OF OPERATOR
UNION OIL CO. OF CALIFORNIA

4. ADDRESS OF OPERATOR
3300 N. BUTLER, SUITE 200, FARMINGTON, NM 87401

5. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side)
At surface 1154' FNL & 1850' FWL
At top prod. interval reported below
At total depth _____

14. PERMIT NO. _____ DATE ISSUED _____

3. LEASE DESIGNATION AND SERIAL NO.
SF-079298-D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
RINCON UNIT

8. FARM OR LEASE NAME
RINCON UNIT

9. WELL NO.
167M

10. FIELD AND POOL, OR WILDCAT
BASIN DAKOTA

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC. 13, T27N, R7W

12. COUNTY OR PARISH
RIO ARRIBA

13. STATE
NM

15. DATE SPUNDED 6-8-92 16. DATE T.D. REACHED 7-1-92 17. DATE COMPL. (Ready to prod.) 8-30-92 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6737 GR 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 7869' 21. PLUG BACK T.D., MD & TVD 7824' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY ROTARY TOOLS 0-7869' CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7566-7782' BASIN DAKOTA

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, GR, SP, FOC, CNL, PE CURVE, 4ARM CALIPER

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#	364'	12 1/4"	240 sx Cl B Circ	
5 1/2"	17#	7869'	7:7/8"	1st stage, Cl B 190 sx Circ	
		Upper DV @ 4692'		2nd stage, Cl B 470 sx Circ	
		Lower DV @ 6989'		3rd stage, 50-50-4 110 sx Circ	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE 2 3/8" DEPTH SET (MD) 7710' PACKER SET (MD) 5782'

31. PERFORATION RECORD (Interval, size and number)
7566-76, 7586-92, 7598-7610, 7692-7712, 7774-7782'
4 JSPF
320 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7566-7782	66,696g. 35# gel, 249,500# 20/40 Ottawa sand. Flushed w/25 bbls. gel, and 135g. 2% KCL water.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		FLOWING				S.I.	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-11-92	24	48/64"	→	4	524	4	131,000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1385	—	→				55°	

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

TEST WITNESSED BY
LES GIMBEL

35. LIST OF ATTACHMENTS

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

SIGNED Malia Wilbers TITLE FIELD CLERK DATE 9/15/92

*(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.

NMOC

BY

ACCEPTED FOR RECORD

SEP 24 1992

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
FRUITLAND	3088	3295	Coal, 600 unit max gas	KIRTLAND	2685	2672
PICTURED CLIFFS	3295	3461	SS, 300 units gas, 15% \emptyset	FRUITLAND	3088	3075
U. CHACRA	4265	4298	SS, 400 units gas, 16% \emptyset	PICTURED CLIFFS	3295	3282
L. CHACRA	4404	4456	SS, 125 units gas, 13% \emptyset	LEWIS	3461	3448
CLIFF HOUSE	4970	5087	SS, 170 units gas, 13% \emptyset	U. CHACRA	4265	4252
MENEFFEE	5087	5551	Coal, 50-300 units gas	L. CHACRA	4404	4391
PT. LOOKOUT	5551	5952	SS, 500 units max gas, 5-12% \emptyset , Dul yel flor, fnt cut	CLIFF HOUSE	4970	4957
TOCITO	7104	7143	SS, 50 units gas, tight, silty, no flor	MENEFFEE	5087	5074
GRANEROS	7532	7691	SS, 1900 units gas, 12% \emptyset , no flor	PT. LOOKOUT	5551	5538
DAKOTA	7691	7832	SS, 350 units max gas, 8% \emptyset , no flor	MANCOS	5952	5939
BURRO CANYON	7832	—	SS, 100 units max gas, tight, no flor	GALLUP	6564	6551
				TOCITO	7104	7091
				GREENHORN	7468	7455
				GRANEROS	7532	7519
				DAKOTA	7691	7678
				BURRO CANYON	7832	7819