

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

RECEIVED JUN 30 1993

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
2. NAME OF OPERATOR: UNION OIL COMPANY OF CALIFORNIA DBA UNOCAL
3. ADDRESS OF OPERATOR: 3300 N. BUTLER SUITE 200, FARMINGTON, NEW MEXICO 87401
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface: 1775' FNL & 1540' FWL
At top prod. interval reported below: SAME
At total depth: SAME

5. LEASE DESIGNATION AND SERIAL NO.: SF-079366
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.: #174M
10. FIELD AND POOL OR WILDCAT: BLANCO MESA VERDE
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: F SEC. 29, T-27-N, R-6-W
12. COUNTY OR PARISH: RIO ARRIBA
13. STATE: NEW MEXICO

14. PERMIT NO.: 30-039-25199
DATE ISSUED: 09/23/92
15. DATE SPECIFIED: 7/24/92
16. DATE T.D. REACHED: 8/04/92
17. DATE COMPL. (Ready to prod.): 09/23/92
18. ELEVATIONS (OF. RKB, ST. GR, ETC.): 6520' GR
19. ELEV. CASINGHEAD: 6520' GR

20. TOTAL DEPTH, MD & TVD: 7647'
21. PLUG BACK T.D., MD & TVD: 7602'
22. IF MULTIPLE COMPL., HOW MANY: 2
23. INTERVALS DRILLED BY: 0-7647'
24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD):
4756' - 4812' UPPER MESA VERDE
5040' - 5340' LOWER MESA VERDE
26. TYPE ELECTRIC AND OTHER LOGS RUN: Z-DEN/CNL/DIFL/4 ARM CALIPER/SP/GR

25. ROTARY TOOLS: 0-7647'
26. CABLE TOOLS: 93'
27. WAS DIRECTIONAL SURVEY MADE: YES
28. WAS WELL CORRED: YES

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

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8 5/8"	24#	356'	12 1/4"	240 SX CL "B" (75 SX TO SURF.)
5 1/2"	17#	7647'	7 7/8"	1) 225 SX 50:50:4 + 150 SX CL "B" (CIRC)
	UPPER DV @	3381'		2) 285 SX 50:50:4 + 80 SX CL "B" (CIRC)
	LOWER DV @	5834'		3) 378 SX A-2 + 455 SX 50:50:4 + 80 SX CL "B" (CIRC 95 SX TO SURF)

30. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5291'	

31. PERFORATION RECORD (Interval, size and number)

(UPPER MV) 4756'-4812', 4 SPF, 224 HOLES
(LOWER MV) 5040'-50', 5054'-78', 5170'-78', 5182'-90', 5304'-40', 4 SPF, 344 HOLES

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4756'-4812' UPPER	109,001 GALS. 30# X-LINKED
5040'-5340' LOWER	GELLED 2% KCL WTR.
	W/371,100 LBS 20/40 BRADY SAND

33. PRODUCTION

DATE FIRST PRODUCTION: _____
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): FLOWING
WELL STATUS (Producing or shut-in): S.I.

DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
6/14/93	24 HRS.	64/64	→	11	684	1	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY—API (CORR.)
200	300	→				

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

35. LIST OF ATTACHMENTS: NOTE: MESA VERDE AND DAKOTA COMMINGLED -SEE ATTACHED DIAGRAM.

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

SIGNED: [Signature] TITLE: FIELD SUPERINTENDENT
DATE: 6/23/93
FARMINGTON DISTRICT OFFICE

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
FRUITLAND	2808'	3038'	COAL, GAS	OJO ALAMO	2103'	2103'
PICTURED CLIFFS	3038'	3197'	SS, GAS, 10-17% \emptyset	KIRTLAND	2464'	2464'
CHACRA SS	3967'	4192'	SS, GAS, 9-12% \emptyset	FRUITLAND	2808'	2808'
CLIFF HOUSE	4756'	4860'	SS, GAS, 6-15% \emptyset	PICTURED CLIFFS	3038'	3038'
MENEFE	4860'	5302'	COAL/SS, GAS	LEWIS	3197'	3197'
PT. LOOKOUT	5302'	5676'	SS, GAS, 10-12% \emptyset	CHACRA SS	3967'	3967'
TOCITO SS	6834'	6862'	SS, GAS/OIL, TT, SLTY	CLIFF HOUSE	4756'	4756'
GRANEROS SS	7300'	7356'	SS, GAS, 4-9% \emptyset	MENEFE	4860'	4860'
DAKOTA	7425'	7562'	SS, GAS/OIL, 2-12% \emptyset	PT. LOOKOUT	5302'	5302'
				MANCOS	5676'	5676'
				GALLUP	6284'	6284'
				TOCITO SS	6834'	6834'
				GREENHORN	7200'	7200'
				GRANEROS	7266'	7266'
				DAKOTA	7425'	7425'
				BURRO CANYON	7562'	7562'

38. GEOLOGIC MARKERS

RINCON UNIT NO. 174-M
 1775' FNL, 1540' FWL, SEC 19, T27N-R6W
 RIO ARRIBA COUNTY, NM

12-1/4" Hole

KB Datum 13' Above GL

7-7/8" Hole

8-5/8" 24# J-55 @ 356'
 CMT W/ 240 SX - CIRC TO SURF

169 Jts, 2-3/8", 4.7# EUE J-55 tbg.
 (FHD @ 5291')

DV TOOL @ 3381'

Cmt'd Stage #3 w/ 913 sxs
 Circ to surface

UPPER MESAVERDE
 4756-4812' (224 Shots) W/ 4 SPF

"F" Nipple @ 5259'

Sawtooth Collar @ 5290'

LOWER MESAVERDE
 5040-50, 5054-78, 5170-78, 5182-90, 5304-40'
 W/ 4 SPF (344 Shots)

Top of Fish @ 5306'

Fish: Supermill, 2 - 3-1/2" Drill Collars, X-Over, Fire-sub,
 1'+/- of 2-3/8" Tbg

BP @ 5370' - Partially Drilled, Reported Pressure & Fluids
 Past Plug when drilling out

DV TOOL @ 5834'

Cmt'd Stage #2 w/ 365 sxs

DAKOTA
 7300-16, 7336-44, 7426-50, 7472-80, 7484-7508'
 7514-24, 7534-44 W/ 4 SPF (400 Shots)

PBTD = 7602'

TD = 7648'

5-1/2", 17# N-80 & K-55 @ 7647'
 Cmt'd Stage #1 w/ 375 sxs

