

(November 1923)
Form 1004-0137-1-130

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT

RECEIVED

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DEV ☐ Other JUL 29 1994
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. CONTR. ☐ Other BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

2. LEASE DESIGNATION AND SERIAL NO.

SE 080213

3. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Rincon

8. FARM OR LEASE NAME

Rincon Unit

9. WELL NO.

186M

10. FIELD AND POOL, OR WILDCAT

Basin Dakota/Large Gallup

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

Sec.33, T27N-R7W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

2. NAME OF OPERATOR
UNION OIL COMPANY OF CALIFORNIA

3. ADDRESS OF OPERATOR

P.O. BOX 850 - BLOOMFIELD, NM 87413 (505)632-1811 ext.26

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

At surface 1670' FSL & 1240' FWL (NW SW)

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

30-039-25406

OIL CON. DIV.

DIST. 3

05/17/94

15. DATE SPUDDED

06/10/94

16. DATE T.D. REACHED

06/26/94

17. DATE COMPL. (Ready to prod.)

07/28/94

18. ELEVATIONS (DP, RKB, RT, GS, ETC.)*

6752' GR

19. SLEV. CASINGHEAD

6752' GR

20. TOTAL DEPTH, MD & TVD

7665' MD

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

7604' MD

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Rotary

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

7404' - 7502' MD (Dakota)

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL/SP/GR, Dens-New/GR with Caliber

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#	373'	12 1/4"	250sx Class G-cmt to surf	
5 1/2"	17# & 15.5#	7654'	7 7/8"	250sx Class G & 757sx	
				35/65 poz-cmt'ed to surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)
NONE				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7510'	NONE

31. PERFORATION RECORD (Interval, size and number)

DAKOTA

7404'-14' - 4 spf 7502'-18' - 4 spf

7436'-40' - 4 spf

7452'-68' - 4 spf

7482'-88' - 4 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7404'-7502'	60,312 gal 35# X-Linked Borate Gel w/250,000# 20/40 Brady sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
07/27/94		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
07/27/94	12	16/64	→	0	200 mmcfd	12 ext.	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
290	750	→					

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

Vented

TEST WITNESSED BY

Steve Courtney

35. LIST OF ATTACHMENTS

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

SIGNED

BRETT LIGGETT

TITLE

PRODUCTION ENGINEER

DATE

7/28/94

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

Title 16 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
NO DST RUNS						

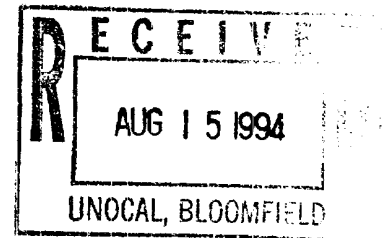
RINCON UNIT #186M

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 too open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPT.
NO DST RUNS						
FRUITLAND	2810'	2972'	COAL, GAS	OJO ALAMO	2105'	2105'
PICTURED CLIFFS	2972'	3075'	SS, GAS 10-17%	FRUITLAND	2810'	2810'
CHACRA SS	3879'	4116'	SS, GAS, SLTY, 10-17% Ø	PICTURED CLIFFS	2972'	2972'
CLIFF HOUSE	4682'	4842'	SS, GAS 10-17% Ø	MIDDLE CHACRA	3956'	3956'
MENELEE	4842'	5294'	SS/COAL, GAS 10-14% Ø	LOWER CHACRA	4066'	4066'
PT. LOOKOUT	5294'	5633'	SS, GAS 0-15% Ø	CLIFF HOUSE	4682'	4682'
TOCITO SS	6811'	6828'	SS, GAS 9-13% Ø	PT. LOOKOUT	5294'	5294'
GRANEROS SS	7308'	7351'	SS, GAS 8-12% Ø	MANCOS	5633'	5633'
DAKOTA	7402'	7543'	SS, GAS 5-12%	MIDDLE GALLUP	6606'	6606'
BURRO CANYON	7543'	7602'	SS, GAS 5-18% Ø	TOCITO/GALLUP	6811'	6811'
				GRANEROS SS	7351'	7351'
				DAKOTA	7402'	7402'
				BURRO CANYON	7543'	7543'
				MORRISON SS	7608'	7608'

ARAPAHOE DRILLING CO., INC.
P. O. BOX 26687
ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
PRESIDENT

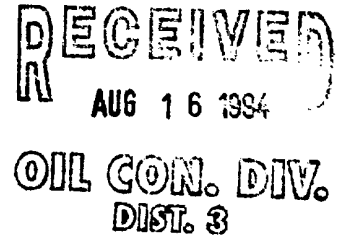


L-33-27-7W

August 5, 1994

DEVIATION REPORT

Union Oil Company of California
Rincon 186-M
Rio Arriba County, NM



Date	Depth	Deviation
06-11-94	180'	1/4°
06-12-94	879'	1/2°
	1374'	1/2°
06-13-94	1875'	1/2°
	2937'	3/4°
06-14-94	3154'	1°
06-15-94	3655'	1°
	3800'	1-1/4°
06-16-94	4338'	1°
06-17-94	4715'	1/2°
06-19-94	5215'	3/4°
06-20-94	5607'	3/4°
06-21-94	6243'	3/4°
06-23-94	6743'	3/4°
06-24-94	7241'	3/4°
	7455'	1°

I CERTIFY THE ABOVE TO BE TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Larry H. Williams
Larry H. Williams, Office Manager

8/5/94
Date

SWORN AND subscribed to this 5th day of August, 1994, by Larry H. Williams, known to me to be the Office Manager of Arapahoe Drilling Co., Inc.

My Commission Expires: June 7, 1997

Clair L. Stacey
Clair L. Stacey, Notary Public

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Bravo Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address UNION OIL COMPANY OF CALIFORNIA DBA UNOCAL P.O. BOX 850 BLOOMFIELD, NEW MEXICO 87413		OGRID Number 023708
		Reason for Filing Code NW
API Number 30 - 039-25406	Pool Name BASIN DAKOTA	Pool Code 71599
Property Code 011510	Property Name RINCON UNIT	Well Number #186M

II. Surface Location

UT or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
N 2	33	27N	7W		1670'	S	1240'	W	039

Bottom Hole Location

UT or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
N 2	33	27N	7W		1670'	S	1240'	W	039
Lea Code F	Producing Method Code F	Gas Connection Date ASAP	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	OG	POD ULSTR Location and Description
007057	EL PASO NATURAL GAS COMPANY P.O. BOX 4990 FARMINGTON, N.M. 87499	28/24 93	G	
014546	MERIDIAN OIL P.O. BOX 4289 FARMINGTON, N.M. 87400	28/24 92	0	

IV. Produced Water

POD 28/24 94	POD ULSTR Location and Description OIL CON. DIV. DIST. 3
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V. Well Completion Data

Spud Date	Ready Date	TD	PSTD	Perforations
06/10/94	07/28/94	7665' MD	7604'	7404' - 7502'
Hole Size	Casing & Tubing Size	Depth Set	Seals Cement	
12 1/4"	8 5/8" 24#	373'	250sx Class G cmt to surf	
7 7/8"	5 1/2" 17# & 15.5#	7654'	250sx Class G & 757 sx	
			35/65 poz-cmt'ed to surf	
	2 3/8"	7510'		

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Thg. Pressure	Cog. Pressure
	ASAP	7/27/94	12 HRS.	290	750
Choke Size	Oil	Water	Gas	AOF	Test Method
16/64"	0	12 EST.	200		FLOWING

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Robert L. Caine

Printed name:

Robert L. Caine

Title:

Production Foreman

Date: 8/12/94

Phone 505-632-1811

OIL CONSERVATION DIVISION

Approved by:

Charles Sholton

Title:

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approval Date:

AUG 16 1994

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date