

Unocal Oil & Gas Division
Unocal Corporation
913 West Broadway, P.O. Box 850
Bloomfield, New Mexico 87413
Telephone (505) 632-1811

OIL CONSERVATION DIVISION
RECEIVED

96 FEB 5 AM 8 52



January 31, 1996

New Mexico Oil Conservation Division
Attn: William J. LeMay
P.O. Box 2088
Santa Fe, New Mexico 87504

RE: Request for NSL Order on Rincon Unit #186M MV/DK

Dear Mr. LeMay:

The subject well, Rincon Unit #186M, API #30-039-25406, UL N Sec. 33, T27N, R7W which was drilled in June of 1994, was previously approved to an unorthodox location by Administrative Order NSL-3389 for the Basin Dakota and the Largo Gallup. Unocal respectfully requests a nonstandard location exception to the Blanco Mesa Verde also. The Rincon Unit is solely operated by Unocal and it is farther than 790 feet from any outer boundary line therefore, there are no offset operators.

Your urgency with this matter would be greatly appreciated.

Union Oil Company of California dba Unocal
Sincerely,

Brett Liggett
Production Engineer

Attachments:

cc: Frank Chavez, Aztec NMOCD

BL/sl



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

May 5, 1994

Union Oil Company of California (UNOCAL)
P.O. Box 2620
Casper, WY 82602-2620

Attention: Jim Benson

Administrative Order NSL-3389

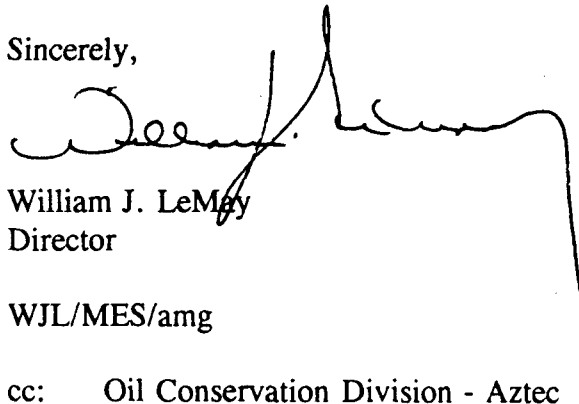
Dear Mr. Benson:

Reference is made to your application dated April 4, 1994 for an unorthodox gas well location for both the Basin-Dakota and Undesignated Largo-Gallup Pools for your proposed Rincon Unit Well No. 186M. Said well is to be drilled 1670 feet from the South line and 1240 feet from the West line (Unit L) of Section 33, Township 27 North, Range 7 West, NMPM Rio Arriba County, New Mexico.

The S/2 of said Section 33 is to be dedicated to said well forming a standard 320-acre gas spacing and proration unit for both pools.

By the authority granted me under the provisions of Rule 2(c) of the Special Rules and Regulations for the Basin-Dakota Pool, as promulgated by Division Order No. R-8170, as amended; the applicable rules governing the Largo-Gallup Pool under Division Order No. R-2462, as amended; and General Rule 104.F(1), the aforementioned unorthodox gas well location is hereby approved.

Sincerely,


William J. LeMay
Director

WJL/MES/amg

cc: Oil Conservation Division - Aztec
US Bureau of Land Management - Farmington

RECEIVED
MAY 12 1994
OIL CON. DIV.
DIST. 3

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos 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-102
Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

RECEIVED
BLM MAIL ROOM

☒ AMENDED REPORT

95 SEP -8 PM 1:55

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25406		Pool Code 71599/73219	Basin Dakota/Blanco Mesaverde
Property Code 011510	Property Name RINCON UNIT		Well Number 186-M
OGRID No. 023708	Operator Name UNOCAL		Elevation 6752

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	33	27N	7W		1670	SOUTH	1240	WEST	RIO ARriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
320	Y	U	Unitization

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	2641.65	S 89° 15' W	2641.65	17 OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
				Signature Jim Benson
				Printed Name Drilling Superintendent
				Title September 5, 1995
				Date
				18 SURVEYOR CERTIFICATION
				I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief
				Date of Survey October 22, 1993
				Signature and Seal of Professional Surveyor 9672
				Certificate Number 9672

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
(See other in-
structions on
reverse side)

Budget Bureau no. 1004-0137

Expires: August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVE. <input type="checkbox"/>	OTHER <input type="checkbox"/>
2. NAME OF OPERATOR UNION OIL COMPANY OF CALIFORNIA DBA UNOCAL						5. Lease Designation and Serial No. SF - 080213	
3. ADDRESS OF OPERATOR P.O. BOX 850, BLOOMFIELD, NEW MEXICO 87413						6. If Indian, Allottee or Tribe Name CONSERVATION DIVISION	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface 1670' FSL, 1240' FWL At top prod. Interval reported below SAME At total depth SAME						7. If Unit or Agreement Designation RINCON UNIT 8. Well Name and No. RINCON UNIT #186M	
14. PERMIT NO. 30-039-25406						DATE ISSUED 05/17/94	
15. DATE SPUDDED 06/10/94						18. ELEVATION (DP, RKB, RT, GR, ECT.) 6752' GR	
16. DATE T.D. REACHED 06/26/94						19. ELEV. CASING HEAD 6752' GR	
17. DATE COMP. (Ready to prod) 11/26/95						20. TOTAL DEPTH, MD & TVD 7665' MD	
21. PLUG, BACK T.D., MD & TVD 7604' MD						22. IF MULTIPLE COMPL., HOW MANY 2	
23. INTERVALS DRILLED BY ROTARY TOOLS YES						24. PRODUCING INTERVAL(S), OF THIS COMPLETIONS - TOP, BOTTOM, NAME (MD AND TVD)* POINT LOOKOUT 5294' - 5633'	
25. TYPE ELECTRIC AND OTHER LOGS RUN DIL/SP/GR - NDL/GR/CL						26. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB/FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24#		373'		12 1/4"	
5 1/2"		17# & 15.5#		7654'		7 7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8", 4.7#		7523'		NONE			
31. PERFORATION RECORD (Interval size and number) 5296' - 5312', 5350' - 5357', 1 spf							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ECT.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIALS USED			
5296' - 5357'				70 kips 20/40 arizona sand			
33. * PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
NEW WELL		FLOWING				SHUT-IN	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N FOR TEST PERIOD	
11/1/95		24 HOURS		VARIABLE		76	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL-BBL.	
200 PSI		420 PSI		----->		76	
						GAS-MCF.	
						662 MCF/D	
						WATER-BBL.	
						25	
						OIL GRAVITY-API (CORR.)	
						50	
34. DISPOSITION OF (Sold, used for fuel, vented, ect.) FLARED						TEST WITNESSED BY	
35. LIST OF ATTACHEMENTS NONE							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							

SIGNED R.L. Caine TITLE Production Foreman DATE JAN 17 1996

R.L. Caine

RLC/ski

*(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.

ACCEPTED FOR RECORD
JAN 17 1996
FARMINGTON DISTRICT OFFICE
BY 823

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drilled-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	TRUE VERT. DEPTH
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% 0	PICTURED CLIFFS	2972'	2972'
CLIFF HOUSE	4682'	4842'	SS, GAS, 10-17% 0	MIDDLE CHACRA	3956'	3956'
MENEFEE	4842'	5294'	SS/COAL, GAS 10-14% 0	LOWER CHACRA	4066'	4066'
PT. LOOKOUT	5294'	5633'	SS, GAS 0-15% 0	CLIFF HOUSE	4682'	4682'
TOCITO SS	6811'	6828'	SS, GAS 9-13% 0	PT. LOOKOUT	5294'	5294'
GRANEROS SS	7308'	7351'	SS, GAS 8-12% 0	MANCOS	5633'	5633'
DAKOTA	7402'	7543'	SS, GAS 5-12% 0	MIDDLE GALLUP	6806'	6806'
BURRO CANYON	7543'	7602'	SS, GAS 5-18% 0	TOCITO / GALLUP	6811'	6811'
				GRANEROS SS	7351'	7351'
				DAKOTA	7402'	7402'
				BURRO CANYON	7543'	7543'
				MORRISON SS	7608'	7608'

CONSERVATION DIVISION
Form 3160-5
JUL 1990
AM 8 52

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAIL ROOM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

UNION OIL COMPANY OF CALIFORNIA

3. Address and Telephone No.

P.O. Box 2620, Casper, WY 82602 (307) 234-1563 Ext. 116

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1670' FSL & 1240, FWL
Sec. 33, T27N-R7W

5. Lease Designation and Serial No.

SF 080213

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

RINCON UNIT

8. Well Name and No.

186M

9. API Well No.

30-039-25406

10. Field and Pool, or Exploratory Area

Basin Dakota/Blanco M

11. County or Parish, State

Rio Arriba Co., N.M.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☒ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Rincon Unit Well No. 186M was originally permitted and drilled as a Basin Dakota/Largo Gallup well in June 1994. The well was completed in the Dakota Formation in July 1994, but due to the poor quality of the reservoir (indicated by logs) was not completed in the Gallup Formation.

Unocal proposes to perforate, stimulate and test the well in the Mesaverde interval and if productive, complete and commingle the well as a Dakota/Mesaverde producer.

Attached is a new well location and acreage dedication plat for Well 186M.

RECEIVED
SEP 18 1995

OIL CON. DIV.
PAGE 2

14. I hereby certify that the foregoing is true and correct

Signed

Jim Benson

Title Drilling Superintendent

Date 9-5-95

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

APPROVED

SEP 11 1995

DISTRICT MANAGER

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 statement or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

PO Box 2088, Santa Fe, NM 87504-2088

PO Box 2088
Santa Fe, NM 87504-2088

RECEIVED Su
MAIL ROOM

95 SEP -8 PM 1:55

☒ AMENDED REPORT

DEDICATION PLAN

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

16	2641.65	S 89° 15' W	2641.65
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> SEP 18 1995 </div> <div style="text-align: center;"> </div> </div>			
161.07 AC ±	2668.07	162.15 AC ±	2689.83
N 89° 49' 54" E		N 0° 32' E	
2641.32	2645.48	2640.80	2689.83
1240'		1240'	
2641.32	160.43 AC ±	161.73 AC ±	2689.83
N 0° 42' 18" E		N 89° 03' W	
2641.32	2638.24	2648.58	2689.83
N 89° 46' W		N 89° 03' W	
2641.32	2649.90	2648.58	2689.83

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature:

Printed Name: **Jim Benson**

Title: **Drilling Superintendent**

Date: **September 5, 1995**

18

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief

Date of Survey: **October 22, 1993**

Signature and Seal of Professional Surveyor:

Certificate Number: **9672**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

'95 JAN 24 AM 8 52

SUNDY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P.O. Box 2620, Casper, WY 82602, 307-234-1563

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC. 33, T22N, -R7W
1670' FSL & 1240' FWL
27N

5. Lease Designation and Serial No.
SF 080213

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

RINCON UNIT

8. Well Name and No.

RINCON UNIT #186M

9. API Well No.

30-039-25406

10. Field and Pool, or Exploratory Area

BAS DAK/LAR GALL

11. County or Parish, State

RIO ARRIBA CO, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other SUPPLEMENTARY WELL HISTORY
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6/14/94 THRU 6/20/94

DRLG FROM 1,980' TO 3,154'. TOH NO DRAG. TIH AND WASH 110 FT TO BOTTOM.
DRLG FROM 3,154' TO 4,715' AS OF 6/17/94. TRIPPED FOR BIT & WASHED 60' TO
BTM. DRLD 4,840' - 5,490'

SURVEYS: 1/2° @ 2,437', 3/4° @ 2,937', 1 @ 3,154', 1 @ 3,800', 1 @ 4,338',
3/4° @ 5,215'

RECEIVED
JUL 05 1994

14. I hereby certify that the foregoing is true and correct

Signed

Karen Burnett
Karen Burnett

Title

Drilling Secretary

Date

June 21, 1994

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

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.

*See Instruction on Reverse Side

FARMINGTON DISTRICT OFFICE

BY

Sm

OIL CONSERVATION DIVISION
District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Box 1988, Lordsburg, NM 88221-1988
District III
1000 Rio Bravo Rd., Aztec, NM 87410
District IV
PO Box 1988, Santa Fe, NM 87504-1988

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

I. 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

UL or lot no.	Section	Township	Range	Lot Ida	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

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County
N 2	33	27N	7W		1670'	S	1240'	W	039
Lee 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	OGV	POD ULSTR Location and Description
007057	EL PASO NATURAL GAS COMPANY P.O. BOX 4990 FARMINGTON, N.M. 87499	2812493	G	
014546	MERIDIAN OIL P.O. BOX 4289 FARMINGTON, N.M. 87499	2812492	O	

IV. Produced Water

POD 2812494	POD ULSTR Location and Description OIL CON. DIV. DIST. 3
----------------	---

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	Sacks Cement	
12 1/4"	8 5/8" 24#	373'	250sx Class G cmt to su	
7 7/8"	5 1/2" 17# & 15.5#	7654'	250sx Class G & 757 sx	
	2 3/8"	7510'	35/65 poz-cmt'ed to su	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
	ASAP	7/27/94	12 HRS.	290	750
Choke Size	Oil	Water	Gas	AOP	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:

Chuck Goble

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

Printed Name

Title

Date

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: ☒ NEW WELL ☐ WORK OVER ☐ REPAIR ☐ PIPE BACK ☐ DIFF. CEMENT ☐ Other _____
JUL 29 19942. NAME OF OPERATOR
UNION OIL COMPANY OF CALIFORNIA3. ADDRESS OF OPERATOR
P.O. BOX 850 - BLOOMFIELD, NM 87413 (505) 632-1811 ext. 264. 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
At total depth SAME
SAME
AUG - 5 1994
OIL CON. DIST. 3

14. PERMIT NO. 30-039-25406 DATE ISSUED 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, GR, ETC.)* 6752' GR 19. ELEV. 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 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)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					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 mmcf	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 J. Ggett TITLE PRODUCTION ENGINEER DATE 7/28/94
BRET J. GGETT

*(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, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	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 tool open, flowing and shut-in pressures, and recoveries):

FORMATION				TOP		BOTTOM		DESCRIPTION, CONTENTS, ETC.		NAME		MEAS. DEPTH	TOP	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'

38. GEOLOGIC MARKERS

RECEIVED
BLM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
SF 080213

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

RINCON UNIT

8. Well Name and No.
RINCON UNIT #186M

9. API Well No.
30-039-25406

10. Field and Pool, or Exploratory Area
BAS DAK/LAR GALL

11. County or Parish, State
RIO ARriba CO, NM

04 AUG 9 AM 8:50 SUNDY NOTICES AND REPORTS ON WELLS 04 AUG -1 PM 12:54

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P.O. Box 2620, Casper, WY 82602, 307-234-1563

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC. 33, T22N, R7W
1670' FSL & 1240' FWL

RECEIVED
AUG 5 1994

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☒ Altering Casing
☐ Other

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

SUPPLEMENTARY WELLS
HISTORY

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

7/21/94 THRU 7/25/94

MIRU DRAKE #19. SET 5 FRAC TANKS. UNLOADED & MEASURED 245 JTS OF 2-3/8" 4.7# J-55 TBG (7,666'). PU & TIH W/4-3/4" BIT ON 2-2/3" 4.7# J-55 TBG. TAGGED UP @ 5,025'. SWIFN. R/U POWER SWIVEL & DRLD CMT STRINGERS FROM 5,025' TO DV TOOL @ 5,138'. TESTED CSG TO 3000 PSI. P/U 2-3/8" TBG & TAGGED @ 7,490'. PU SWIVEL & CLEANED OUT TO 7,606'. LAST 6' WAS FIRM. CIRC HOLE IN REVERSE W/173 BBLs 2% KCL WTR. POOH W/2-3/8" TBG. SDFN. R/U WL. RAN CBL-GR-CCL LOG UNDER 1000 PSI PRESSURE FROM 7,590'-6,300'. HAD GOOD BONDING ACROSS DAKOTA INTERVAL. PERF'D DAKOTA FORMATION W/3-1/8" CSG GUN, 4 SPF, 18 GR CHARGES, 90° PHSG AS FOLLOWS: 7,404'-7,414', 7,436'-7,440', 7,452'-7,468', 7,482'-7,488' & 7,502'-7,518'. NO REACTION AFTER PERFORMING. INSTALLED FRAC ISOLATION TOOL. R/U & TESTED LINES TO 5000 PSI. PERFORMED STEP RATE TEST W/140 BBLs 2% KCL WTR @ VARIOUS RATES, FORMATION BROKE @ 3200 PSI. FRAC'D DAKOTA (7,404'-7,518') DOWN 5-1/2" CSG W/60,312 GALS 35# CROSSLINKED BORATE GEL & 250M# 20/40 BRADY SAND. RAMPED SAND 2-10 PPG AT AVG INJ RATE OF 32 BPM.

14. I hereby certify that the foregoing is true and correct

Signed Karen Burnell Title Drilling Secretary

Date July 29, 1994

(This space for Federal or State official use)

Approved by
Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

RINCON UNIT #186

PAGE TWO

TREATING PRESSURES - MAX @ 2530 PSI; MIN @ 1100 PSI; AVG @ 1850 PSI. FLUSHED W/170 BBLS 35# GEL. FINAL PUMP PRESSURE 2000 PSI. ISIP OF 1720 PSI. 5/10/15 MIN - 1260/1540/1480/ PSI. TLWTR - 1608 BBLS. SI & RD FRAC EQPT. HAD 18 HR SICP OF 500 PSI. PULLED FRAC ISOLATION TOOL OUT OF BOP. R/U 6" FLARE LINES & 3" BLOW DOWN LINE. INSTALLED CHOKE ON CSG VALVE. OPENED WELL UP TO BLOW DOWN PIT. WELL FLOWED 5 HRS OF 1/4" - 1/2" CHOKE. RECOVERED 90 BBLS OF FRAC FLUID & DIED. PU NOTCHED COLLAR, 1 JT 2-3/8" TBG FIRE FLOAT & STRING FLOAT. TIH TO 2,495'. HOOKED UP AIR PKG. BLEW ON WELL FOR 1.5 HRS. WELL STARTED MAKING SAND. POOH W/2-3/8" TBG. FLOWED BACK EST 200 OF 1608 BBLS OF FRAC FLUID. SDFN

RECEIVED
AUG - 5 1994

OIL CON. DIV.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

Lease Designation and Serial No.
SF 080213

If Indian, Allottee or Tribe Name

N/A

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P.O. Box 2620, Casper, WY 82602, 307-234-1563

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC. 33, T27N, -R7W
1670' FSL & 1240' FWL

7. If Unit or CA, Agreement Designation

RINCON UNIT

8. Well Name and No.

RINCON UNIT #186M

9. API Well No.

30-039-25406

10. Field and Pool, or Exploratory Area

BAS DAK/LAR GALL

11. County or Parish, State

RIO ARriba CO, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

SUPPLEMENTARY WELL
HISTORY

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6/27/94 THRU 7/1/94

FINISHED TIH. DRLG ON JUNK FOR 2-3/4 HRS. DRLG FROM 7,626' TO 7,665' FOR 6-1/4 HRS. TD AT 2:15P.M. 6/26/94. CIR FOR 2-1/2 HR. TOH TO LOG W/NO DRAG. RIG UP LOGGERS. LOG STOP AT 2,600'. POOH & RIG DOWN LOGGERS. TIH TO 3,000' W/DRLG PIPE. POOH. RIG UP LOGGERS LOG STOP AT 3,000'. POOH. RIG DOWN LOGGERS. TIH W/BIT AND WASH 10' TO BOTTOM. CIR FOR LOG 2 HRS. (WHILE CIR FOR LOG & WORKING PIPE DRLG LINE PARTED. NO HUMAN INJURY) RESTRING DRLG LINE AND CIR FOR 11-1/2 HRS. WAIT ON LOGGER FOR 2 HRS. LOGGING WITH HALIB LOGGING FOR 3 HRS. WILL RUN DIL-GR-SP 7,639' TO 373'. DENS-NEU-GR-7,630' TO 2,800'. CAL 7,639' TO 373'. FINISHED LOG. TIH & LAID DOWN 47 BENT JTS & WASH 20' TO BOTTOM. CIR @ 7,665' FOR 2-1/2 HRS. LAID DOWN DRILL PIPE AND DC FOR 6 HRS. R/U AND RUN 5-1/2" CSG FOR 2 HRS.

CONTINUED NEXT PAGE

14. I hereby certify that the foregoing is true and correct

Signed Jim Benson

Title Drilling Superintendent

Date July 7, 1994

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

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.

*See Instruction on Reverse Side

FARMINGTON DISTRICT OFFICE

BY

MMOCD

Sm

PAGE TWO

RINCON UNIT #186M

6/27/94 THRU 7/1/94 (CONT'D)

RAN & CMT'ED 166 JT AND 1 PIECE (7,642') 5-1/2" 17# AND 15.5# LT&C NEW CSG. LANDED @ 7,654.45' CMTED IN 2 STAGES. 1ST STAGE: 10 BBL CHEM MUD FLUSH, 340 SX 35/65 POZ G 6% GEL 1/4# D-29 5# D-42 .4% C-112 2#/SX MAG FIBER (MIXED @ 12.4 PPG YLD 1.90 CU.FT.) TAIL WITH 125 SX CLASS G 2# MAG FIBER 1.5% B-14 (15.6 PPG, 1.15 CU.FT.) PUMP @ 5 BPM LOW 50 PSI AND HIGH OF 800 PSI. DISPLACED WITH 181 BBL OF WATER AND MUD. BUMP PLUG TO 1100 PSI. FLOAT HELD OK. HAD CIR THROUGH THE FIST STAGE. DROP BOMB AND OPEN DV TOOL @ 5154'. CIR FOR 6 HRS. RECOVERED TOTAL 15 SX CMT OFF OF DV TOOL. PUMP 2ND STAGE OF 417 SX 35/65 POZ G 12% GEL, 10% 4-44 1/4# D-29, 5# D-42 2# MAG FIBER MIXED AT 11.5 PPG YLD OF 2.90 CU.FT. UNABLE TO GET THE 414 SX 12.4 PPG OUT OF DOWELL HOPPER BIN (140 BBL) PUMPED 90 BBL WATER SPACER, FOLLOWED WITH 125 SX CLASS G 2# MAG FIBER 15.8 PPG YLD OF 1.16 CU.FT. DISPLACED WITH 127 BBL WATER. CLOSED DV TO 2500 PSI HELD OK. HAD CIR THROUGH THE JOB CIR 90 SX CMT TO SURFACE. SET SLIP AND CUT OFF 5-1/2" CSG. RELEASED RIG AT 12:00 MIDNIGHT 6/30/94.

SURVEYS: NONE

5. Lease Designation and Serial No.
SF 080213

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

RINCON UNIT

8. Well Name and No.
RINCON UNIT #186M

9. API Well No.
30-039-25406

10. Field and Pool, or Exploratory Area
BAS DAK/LAR GALL

11. County or Parish, State
RIO ARriba CO, NM

94 JUL 14 AM 8 50
SUNDY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P.O. Box 2620, Casper, WY 82602, 307-234-1563

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC. 33, T27N, -R7W
1670' FSL & 1240' FWL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other

SUPPLEMENTARY WELL
HISTORY

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6/21/94 THRU 6/27/94

DRILD FROM 4,840' TO 5,607'. TRIP FOR BIT AND WASH 30' TO BOTTOM. DRILD TO 7,455' TFNB W/NO DRAG OR FILL. DRILD TO 7,626'. POOH. LEFT 1 CONE & 3-TIP OF CONES IN HOLE. PU JB & BIT. TIH. DRLG ON JUNK TO 7,665'. TOH TO LOG WITH NO DRAG. R/U LOGGERS. LOG STOP AT 2,600' & 3,000'. POOH. R/D LOGGERS. TIH W/BIT & WASHED 10' TO BTM.

SURVEYS: 3/4° @ 5,607', 3/4° @ 6,234', 1° @ 6,743', 3/4° @ 7,241',
1° @ 7,455',

RECEIVED
JUL 5 1994

OIL CON. DIV.

14. I hereby certify that the foregoing is true and correct

Signed Jim Benson

Title Drilling Superintendent

Date June 27, 1994

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

Date

94 JUN 27 AM 8 50

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
BLMFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS JUN 16 PM 2:48

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. SF 080213
2. Name of Operator Union Oil Company of California	6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No. P.O. Box 2620, Casper, WY 82602, 307-234-1563	7. If Unit or CA, Agreement Designation RINCON UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC. 33, T27N, -R7W 1670' FSL & 1240' FWL	8. Well Name and No. RINCON UNIT #186M
	9. API Well No. 30-039-25406
	10. Field and Pool, or Exploratory Area BAS DAK/LAR GALL
	11. County or Parish, State RIO ARriba CO, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>REPORTING SPUD</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU ARAPHOE DRILLING CO., RIG #4, SPUD 12-1/4" HOLE AT 11:30, PM 6/10/94. DRILLED FROM 0' TO TO 373'. CIRC 30 MIN. RAN & CMTED 8 JTS (359.01) 8-5/8" 24# J-55 ST&C NEW CSG. LANDED @ 373'. CMT'ED W/250 SX "G" W/2% CACL₂ & 1/4 PPG CELLOPHANE FLAKES MIXED @15.7 PPG (1.15 YLD). BUMPED PLUG W/WATER. FLOATS HELD. CIRC 50 SX CMT TO SURFACE. WOC 5 HRS. CUT OFF 8-5/8" CSG & INSTALLED 8-5/8" X 11" 3M# CSG HEAD. N/U & TESTED BOP'S, ROTATING HEAD & MANIFOLD TO 2000 PSI. TESTED CSG TO 1500 PSI. DRLD CMT & SHOE. DRLD FROM 373'-1,980' AS OF 6/13/94.
SURVEYS: 1/2° @ 879', 1/4° @ 1,374', 1/2° @ 1,875'.

RECEIVED
JUN 20 1994*NOTIFIED BLM FARMINGTON OFFICE OF SPUD 2:00 PM 6/9/94. OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed Karen BurnellTitle Drilling SecretaryDate June 13, 1994

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any: _____Title _____ Date OR RECORD

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.

*See instruction on Reverse Side

NW1007

3V

FARMINGTON OFFICE

Smm

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOIL CONSERVATION
RECEIVEDDIVISION
LEASE DESIGNATION AND SERIAL NO.
SF 080213

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>				34 MAR 26	
B. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>				SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>	
2. NAME OF OPERATOR UNION OIL COMPANY OF CALIFORNIA 23708					
3. ADDRESS AND TELEPHONE NO. P. O. Box 2620, Casper, WY 82602 (307)234-1563, ext. 116					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1670' FSL, & 1240' FWL At proposed prod. zone Same					
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 25 miles SE of Blanco, New Mexico					
16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		1240'		16. NO. OF ACRES IN LEASE 1280	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		120'		19. PROPOSED DEPTH 7700'	
21. ELEVATIONS (Show whether DF, RT, GR, etc.)		6752'		20. ROTARY OR CABLE TOOLS. Rotary	
23. PROPOSED CASING AND CEMENTING PROGRAM		22. APPROX. DATE WORK WILL START* 5-15-94			
SIZE OF HOLE		GRADE SIZE OF CASING		WEIGHT PER FOOT	
12 1/4"		8 5/8" -K-55		24#	
7 7/8"		5 1/2" -K-55		17# & 15.5#	
				SETTING DEPTH	
				350'	
				± 7700'	
24. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"					
± 250 sxs Class "B"					
2 stage w/DV tool @ ± 5000'					
1st-lead, ± 450 sxs "Lite", t					
125 sxs Class "B"					
2nd-lead, ± 750 sxs "Lite", t					
125 sxs Class "B"					

PROPOSED DRILLING PROGRAM

Drill 12 1/4" hole to 350' w/ spud mud. Run and cmt to surface 8 5/8" csg. Nipple up and test BOPE. Drill 7 7/8" hole to ± 7700'-TD w/ fresh water/gel mud system. Log and if productive, run and cement 5 1/2" csg in 2 stages w/"DV" tool @ ± 5000'. Selectively perforate the Dakota and Largo Gallup formations. Fracture stimulate both zones separately as required. Test and complete w/packer and 2 3/8" tbg.

NOTE: Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Union Oil Company of California (BLM Bond # CA0048)

RECEIVED
MAY 19 1994

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

SIGNED Jim Benson TITLE Drilling Superintendent DATE 3/16/94
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

Applicant on approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations there
CONDITIONS OF APPROVAL IF ANY:

APPROVED BY NSL-3389 TITLE See Instructions On Reverse Side DATE MAY 17 1994APPROVED
AS AMENDED

MAY 17 1994

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED
BL Form 102
Revised 1-1-89

94 MAR 25 PM 12:37

070 FARMINGTON, NM

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Arriba Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator UNOCAL			Lease RINCON		Well No. 186-M
Unit Letter L	Section 33	Township 27N	Range 7W	County NMPM RIO ARRIBA	
Actual Footage Location of Well: 1670 feet from the SOUTH line and 1240 feet from the WEST line					
Ground level Elev. 6752	Producing Formations Dakota/Gallup		Pool Basin Dakota/Largo Gallup	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

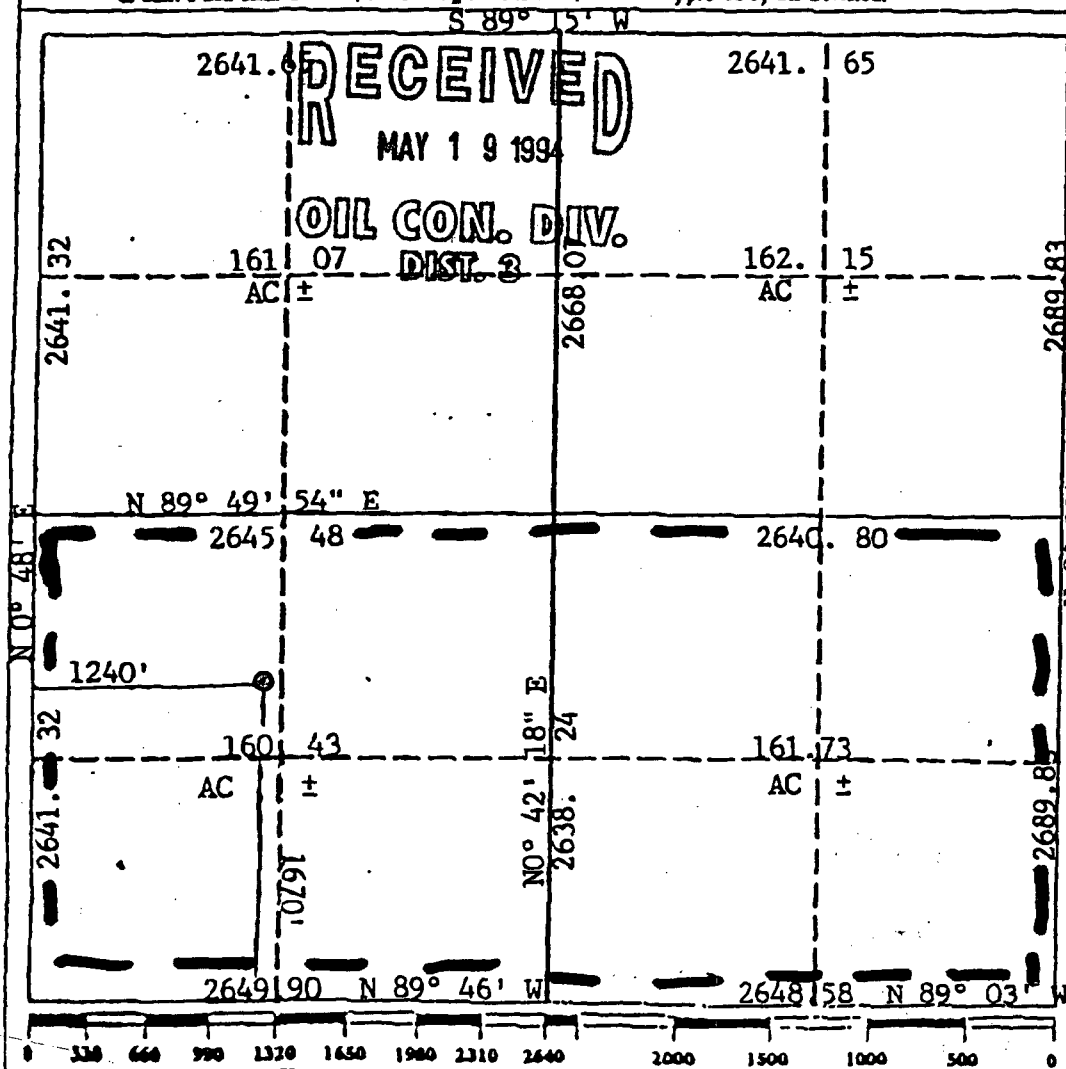
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, utilization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, utilization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Jim Benson*
Printed Name: **Jim Benson**
Position: **Drilling Superintendent**
Company: **Union Oil of California**
Date: **3/24/94**

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: **October 22, 1993**

Signature & Seal: *Charles B. Tullis*
Professional Surveyor
Certificate No. **9672**
Professional Land Surveyor

Mike Stogner

From: Ernie Busch
To: Mike Stogner
Subject: UNOCAL (NSL)
Date: Monday, February 05, 1996 1:39PM
Priority: High

RINCON UNIT #186M
1670' FSL; 1240' FWL
L-33-27N-07W
RECOMMEND: APPROVAL