

Date:

Number of pages (including cover sheet)

To:

Mike Stogner

Phone:

Fax phone:

CC:

From:

Mike Phillips

Phone:

Fax phone:



URGENT



FYI ONLY

REMARKS:

Thank You

P.O. Box 850
Bloomfield, NM
87413

NM Oil Conservation Division
1000 Rio Brazos Rd
Aztec, NM 87410



July 11, 2000

Subject:

Non standard location
Rincon Unit #146m
Rio Arriba County, NM

Sirs:

Union Oil Company of California (Unocal) is making application to drill the Rincon Unit #146m. The proposed well is to be a Dakota - Mesa Verde commingle, the Dakota being a 160 acre well and the Mesa Verde an 80 acre infill. The proposed location is a non standard location per Dakota Field rules.

After evaluating the expected recoveries of 160 acre Dakota and 80 acre Mesa Verde wells it has been determined that neither horizon could be drilled as an economic well on a "stand alone" basis. However, combining reserves from both horizons yields an economic return that will meet company requirements. In a perfectly spaced field 80 acre wells would be located 1867' apart. Note on the attached calculation sheet that if the 146m were drilled in a standard Dakota location the distance to the closest MV well would be only 1418'. However, by moving the well to the proposed location the distance to the closest MV well is now 1905' and the distance to the closest Dk well is 2291'.

We are requesting approval of the non standard location to optimize infill well spacing and reduce the effects of drainage from adjacent wellbores. Should you have any questions in regards to this request please contact Mike Phillips (505) 632-1811.

Very truly yours,

Union Oil Company of California
d.b.a. Unocal

Mike Phillips
Drilling Foreman

Well Name: 146m - section 23

1) location picked by field rules (790' f/ boundary & 130' f/ 1/4 section)



				Infill location				Dist to infill	closest well
Mesa Verde:	well #	F/ EW	F/ NS	F/ EW	F/ NS	EW	NS		
NW / 4	29	1030	1850	790	790	1820	860	2,013	
SW / 4	158m	1480	1105	790	790	2270	1895	2,857	
SE / 4	82	810	1810	790	790	20	2400	2,400	
NE / 4	82a	1780	1805	790	790	990	1015	1,418	<<<
Dakota:									
NW / 4	181	1750	1090	790	790	2540	300	2,558	<<<
SW / 4	158m	1480	1105	790	790	2270	1895	2,857	
SE / 4	173	1190	1850	790	790	400	2640	2,670	
NE / 4		na	na						

Well Name: 146m - lay down Dk
2) optimize spacing

Legal location:

2290 FNL
550 FWL
sec 23

This is an unconsolidated formation.
Moved to optimize spacing.



				Infill location				Dist to infill	closest well
Mesa Verde:	well #	F/ EW	F/ NS	F/ EW	F/ NS	EW	NS		
NW / 4	29	1030	1850	550	350	1580	1300	2,048	
SW / 4	158m	1480	1105	550	350	2030	1455	2,498	
SE / 4	82	810	1810	550	350	260	1960	1,977	
NE / 4	82a	1780	1805	550	350	1230	1455	1,905	<<<
Dakota:									
NW / 4	181	1750	1090	550	350	2300	740	2,416	
SW / 4	158m	1480	1105	550	350	2030	1455	2,498	
SE / 4	173	1190	1850	550	350	640	2200	2,291	<<<
NE / 4		na	na						

spacing.xls

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL ☒ DEEPEN ☐		5. LEASE DESIGNATION AND SERIAL NO. SF 079365A
6. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN ALLOTTEE OR TRIBE NAME
7. NAME OF OPERATOR Union Oil Company of California dba(Unocal)		7. UNIT AGREEMENT NAME Rincon Unit
8. ADDRESS AND TELEPHONE NO. P.O. Box 671, Midland TX.		8. FARM OR LEASE NAME WELL NO. Rincon Unit 146M
9. LOCATION OF WELL (Repeat location clearly and in accordance with any State requirement) At surface 2290' FNL and 550' FWL At proposed production Same as Surface		9. AP WELL NO.
10. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 40 miles Southeast from Bloomfield NM		10. FIELD AND POOL OR WILDCAT Basin Dakota/ Mesa Verde
11. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE FT (Also to nearest prop. line if any) 2300'		11. SEC. T. R. M. OR BLM AND SURVEY OR AREA Sec. 23, T-27-N, R-8-W
12. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED OR APPLIED FOR, ON THIS LEASE, FT 2291'		12. COUNTY OR PARISH Rio Arriba
13. NO. OF ACRES IN LEASE 2645.09		13. STATE NM
14. PROPOSED DEPTH 7702'		14. NO. OF ACRES ASSIGNED TO THIS WELL 320
15. ROTARY OR CABLE TOOLS Rotary		15. APPROX DATE WORK WILL START July 1, 2000
16. ELEVATIONS (Show whether DF, RT, GR, or) 6560' GR		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	H-40 9-5/8"	32.3#	350'	285 SACKS "B" TOC @ SURFACE
8-3/4"	K-55 7"	20#	2800'	300 SACKS TYPE III TOC @ SURFACE
6-1/4"	N-80 4-1/2"	11.6#	7702'	SACKS 6M35 POZ TYPE III TOC TIED INTO 7" CASI

"Expedited APD/ROW"

Unocal plans to drill the Rincon Unit 146M, and complete in the Mesa Verde and the Basin Dakota and downhole commingle the two formations.

BOP- One double gate BOP with 3-1/2" pipe and blind rams, one choke manifold with adjustable and positive chokes, an accumulator will hydraulically operate BOP with 1 1/2 times the necessary capacity to close the rams and retain a minimum of 200 psi above recharge. Rotating head will be utilized during the drilling of the 8-1/4" hole.
(Schematics are attached)

We will have a fire suppression system in place, in the event that we have to flare while dust drilling the production hole.

IN ABOVE SPACE DESCRIBE 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 Mike C. Phillips TITLE PERMIAN ROCKY MOUNTAIN DRILLING FOREMAN DATE 05/31/00

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application 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 thereon.
CONDITIONS OF APPROVAL, IF ANY.

APPROVED BY _____ TITLE _____ DATE _____

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, make 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.

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number		2. Pool Code 71599		3. Pool Name Basin Dakota	
4. Property Code 011510		5. Property Name RINCON UNIT			6. Well Number 146M
7. OGRID No. 023708		8. Operator Name UNION OIL COMPANY OF CALIFORNIA			9. Elevation 6560

10. Surface Location

11. U.I. or lot no. E	12. Section 23	13. Township 27 N	14. Range 6 W	15. Lot Idn	16. Feet from the 2290	17. North/South line North	18. Feet from the 550	19. East/West line West	20. County Rio Arriba
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11. Bottom Hole Location If Different From Surface

21. U.I. or lot no.	22. Section	23. Township	24. Range	25. Lot Idn	26. Feet from the	27. North/South line	28. Feet from the	29. East/West line	30. County
31. Dedicated Acres 320		32. Joint or Infill		33. Consolidation Code		34. Order No.			

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

Ad. S89°47'W 78.54m 2290' 550' 79.60m 79.13m SEC 23 SF019345A NO 58'E NO 38'E Ad. N89°44'W 80.15m		17. OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Mike Phillips</i> Signature Mike Phillips Printed Name Rky Mtn/Perm Basin Drlg Foreman Title 3/9/2000 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 knowledge 20-APR-2000 NEW MEXICO PROFESSIONAL LAND SURVEYOR #8466 William L. Mahake II Certificate Number 8466
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New Mexico Oil Conservation Division

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Revised February 21, 1994
Instructions on back
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☐ AMENDED REPORT

* API Number		* Pool Code	* Pool Name
		72319	Blanco Mesa Verde
* Property Code	* Property Name		* Well Number
011510	RINCON UNIT		146M
* OGRID No.	* Operator Name		* Elevation
023708	UNION OIL COMPANY OF CALIFORNIA		6560

¹⁰ Surface Location

UL or lot no. B	Section 23	Township 27 N	Range 6 W	Lot Idn	Feet from the 2290	North/South line North	Feet from the 550	East/West line West	County Rio Arriba
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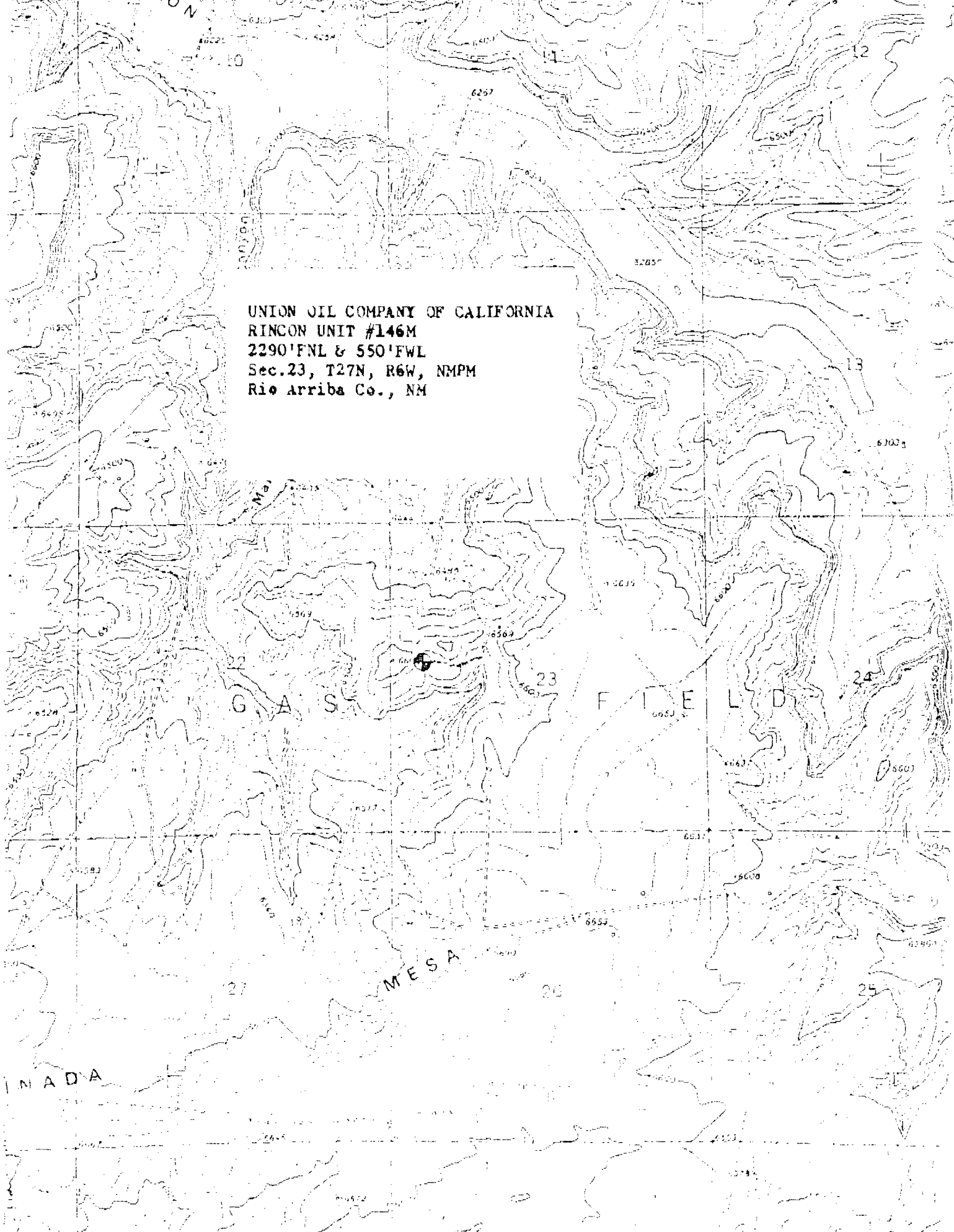
" Bottom Hole Location If Different From Surface

U1. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹¹ Dedicated Acres 320	¹² Joint or Infill	¹³ Consolidation Code		¹⁴ Order No.					

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

Fed. S 89° 47' W 	Fed. 79.60cm 	Fed. 79.13cm 	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Mike Phillips Printed Name Rky Mtn/Perm Basin Drle Foreman Title 3/9/2000 Date
Fed. N 89° 44' W 	Fed. 80.15cm 	Fed. NO 838'E 	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plot 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. Signature and Seal of Professional Surveyor William Z. Mahoke II Certificate Number 8466

New Mexico Oil Conservation Division



UNION OIL COMPANY OF CALIFORNIA
RINCON UNIT #146M
2290'FNL & 550'FWL
Sec.23, T27N, R6W, NMPM
Rio Arriba Co., NM

RECEIVED
JUL 12 2000
NM OIL CONSERVATION DIVISION

NM Oil Conservation Division
1000 Rio Brazos Rd
Aztec, NM 87410



July 11, 2000

Subject:
Non standard location
Rincon Unit #146m
Rio Arriba County, NM

Sirs:

Union Oil Company of California (Unocal) is making application to drill the Rincon Unit #146m. The proposed well is to be a Dakota - Mesa Verde commingle, the Dakota being a 160 acre well and the Mesa Verde an 80 acre infill. The proposed location is a non standard location per Dakota Field rules.

After evaluating the expected recoveries of 160 acre Dakota and 80 acre Mesa Verde wells it has been determined that neither horizon could be drilled as an economic well on a "stand alone" basis. However, combining reserves from both horizons yields an economic return that will meet company requirements. In a perfectly spaced field 80 acre wells would be located 1867' apart. Note on the attached calculation sheet that if the 146m were drilled in a standard Dakota location the distance to the closest MV well would be only 1418'. However, by moving the well to the proposed location the distance to the closest MV well is now 1905' and the distance to the closest Dk well is 2291'.

We are requesting approval of the non standard location to optimize infill well spacing and reduce the effects of drainage from adjacent wellbores. Should you have any questions in regards to this request please contact Mike Phillips (505) 632-1811.

Very truly yours,

Union Oil Company of California
d.b.a. Unocal

A handwritten signature in black ink, appearing to read "Mike Phillips".

Mike Phillips
Drilling Foreman

Well Name: **146m - section 23**

1) location picked by field rules (790' f/ boundary & 130' f/ 1/4 section)

				Infill location				Dist to infill	closest well
<u>Mesa Verde:</u>	<u>well #</u>	<u>F/ EW</u>	<u>F/ NS</u>	<u>F/ EW</u>	<u>F/ NS</u>	<u>EW</u>	<u>NS</u>		
NW / 4	29	1030	1650	790	790	1820	860	2,013	
SW / 4	158m	1480	1105	790	790	2270	1895	2,957	
SE / 4	82	810	1610	790	790	20	2400	2,400	
NE / 4	82a	1780	1805	790	790	990	1015	1,418	<<<
<u>Dakota:</u>									
NW / 4	181	1750	1090	790	790	2540	300	2,558	<<<
SW / 4	158m	1480	1105	790	790	2270	1895	2,957	
SE / 4	173	1190	1850	790	790	400	2640	2,670	
NE / 4		na	na						

Well Name: **146m - lay down Dk** s
 2) optimize spacing i

Legal location:

2290 FNL
 550 FWL
 sec 23

This is an unorthodox location.
 Moved to optimize spacing.

				Infill location				Dist to infill	closest well
<u>Mesa Verde:</u>	<u>well #</u>	<u>F/ EW</u>	<u>F/ NS</u>	<u>F/ EW</u>	<u>F/ NS</u>	<u>EW</u>	<u>NS</u>		
NW / 4	29	1030	1650	550	350	1580	1300	2,046	
SW / 4	158m	1480	1105	550	350	2030	1455	2,498	
SE / 4	82	810	1610	550	350	260	1960	1,977	
NE / 4	82a	1780	1805	550	350	1230	1455	1,905	<<<
<u>Dakota:</u>									
NW / 4	181	1750	1090	550	350	2300	740	2,416	
SW / 4	158m	1480	1105	550	350	2030	1455	2,498	
SE / 4	173	1190	1850	550	350	640	2200	2,291	<<<
NE / 4		na	na						

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL ☒ DEEPEN ☐		5. LEASE DESIGNATION AND SERIAL NO. SF 079365A
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Union Oil Company of California dba(Unocal)		7. UNIT AGREEMENT NAME Rincon Unit
3. ADDRESS AND TELEPHONE NO. P.O. Box 671, Midland TX.		8. FARM OR LEASE NAME, WELL NO. Rincon Unit 146M
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement)* At surface 2290' FNL and 550' FWL At proposed prod zone Same as Surface		9. API WELL NO. n/a
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 40 miles Southeast from Bloomfield NM.		10. FIELD AND POOL OR WILDCAT Basin Dakota/ Mesa Verde
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE FT (Also to nearest drilg. Unit line, if any) 2300'	16. NO. OF ACRES IN LEASE 2645.09	11. SEC. T, R, M., OR BLK. AND SURVEY OR AREA Sec. 23, T-27-N, R-6-W
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. 2291'	19. PROPOSED DEPTH 7702'	12. COUNTY OR PARISH Rio Arriba
21. ELEVATIONS (Show whether DF, RT, GR, a) 6560' GR		13. STATE NM
23. PROPOSED CASING AND CEMENTING PROGRAM		20. ROTARY OR CABLE TOOLS Rotary
22. APPROX. DATE WORK WILL START* July 1, 2000		

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	H-40 9-5/8"	32.3#	350'	285 SACKS "B" TOC @ SURFACE
8-3/4"	K-55 7"	20#	2800'	300 SACKS TYPE III TOC @ SURFACE
6-1/4"	N-80 4-1/2"	11.6#	7702'	SACKS 65/35 POZ TYPE III TOC TIED INTO 7" CASI

"Expedited APD/ROW"

Unocal plans to drill the Rincon Unit 146M, and complete in the Mesa Verde and the Basin Dakota and downhole commingle the two formations.

BOP- One double gate BOP with 3-1/2" pipe and blind rams, one choke manifold with adjustable and positive chokes, an accumulator will hydraulically operate BOP with 1 1/2 times the necessary capacity to close the rams and retain a minimum of 200 psi above recharge. Rotating head will be utilized during the drilling of the 6-1/4" hole.
(Schematics are attached)

We will have a fire suppresion system in place, in the event that we have to flare while dust drilling the production hole.

IN ABOVE SPACE DESCRIBED 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 preventer program, if any

24.

SIGNED Mike C. Phillips TITLE PERMIAN ROCKY MOUNTAIN DRILLING FOREMAN DATE 05/31/00

MIKE C. PHILLIPS

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application 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 application to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE _____ DATE _____

***See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, make 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.

District I -
PO Box 1980, Hobbs, NM 88241-1980
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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

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Revised February 21, 1994
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 011510	⁵ Property Name RINCON UNIT	⁶ Well Number 146M
⁷ OGRID No. 023708	⁸ Operator Name UNION OIL COMPANY OF CALIFORNIA	⁹ Elevation 6560

¹⁰ Surface Location

UL or lot no. E	Section 23	Township 27 N	Range 6 W	Lot Idn	Feet from the 2290	North/South line North	Feet from the 550	East/West line West	County Rio Arriba
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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 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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

<i>Fd.</i>	<i>S89°47'W</i>	<i>79.60ch.</i>	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Mike Phillips</i> Signature Mike Phillips Printed Name Rky Mtn/Perm Basin Drlg Foreman Title 3/9/2000 Date
<i>78.54ch</i> <i>2290'</i>	<i>SEC 23</i> <i>SF079365A</i>	<i>79.13ch.</i>	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: <i>29 Feb 2000</i> Signature and Seal of Professional Surveyor: <i>William T. Mahnke II</i> Certificate Number: <i>8466</i>
<i>550'</i>	<i>N89°44'W</i>	<i>80.15ch.</i>	
<i>NO 58'E</i>		<i>NO 38'E</i>	

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
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 72319		3 Pool Name Blanco Mesa Verde		
4 Property Code 011510		5 Property Name RINCON UNIT			6 Well Number 146M	
7 OGRID No. 023708		8 Operator Name UNION OIL COMPANY OF CALIFORNIA			9 Elevation 6560	

10 Surface Location

UL or lot no. E	Section 23	Township 27 N	Range 6 W	Lot Idn	Feet from the 2290	North/South line North	Feet from the 550	East/West line West	County Rio Arriba
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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 320		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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

Fd. S89°47'W		79.60cm.		17 OPERATOR CERTIFICATION	
78.54cm		79.13cm.		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
2290'		Fd.		Signature <i>Mike Phillips</i>	
550'		SEC 23		Printed Name Mike Phillips	
Fd.		SFOT 9365-A		Title Rky Mtn/Perm Basin Drlg Foreman	
NO 58'E		Fd.		Date 3/9/2000	
Fd.		Fd.		18 SURVEYOR CERTIFICATION	
N89°44'W		80.15cm.		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	
Fd.		Fd.		Date of Survey 3/9/2000	
				Signature and Seal of Professional Surveyor #8466	
				William T. Mahnke II	
				Certificate Number 8466	

UNION OIL COMPANY OF CALIFORNIA
 RINCON UNIT #146M
 2290'FNL & 550'FWL
 Sec.23, T27N, R6W, NMPM
 Rio Arriba Co., NM

10 12 13 22 23 24 25 26 27

GAS FIELD MESA

INADA

RINCON

RIO ARriba COUNTY
NEW MEXICO

No. I-Sec. No. 916

EFFECTIVE 2-27-52



gulram, inc.

petroleum engineering and government regulation consultants



NOT COMMITTED

CMD :
OG5SECTONGARD
INQUIRE LAND BY SECTION07/11/00 11:53:33
OGOMES -TPNZ
PAGE NO: 1

Sec : 23 Twp : 27N Rng : 06W Section Type : NORMAL

D 40.00 Federal owned U A	C 40.00 Federal owned U A	B 40.00 Federal owned U A	A 40.00 Federal owned U
E 40.00 Federal owned U	F 40.00 Federal owned U	G 40.00 Federal owned U A	H 40.00 Federal owned U A

PF01 HELP
PF07 BKWDPF02
PF08 FWDPF03 EXIT
PF09 PRINTPF04 GoTo
PF10 SDIVPF05
PF11PF06
PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

07/11/00 11:53:37
OGOMES -TPNZ
PAGE NO: 2

Sec : 23 Twp : 27N Rng : 06W Section Type : NORMAL

L 40.00	K 40.00	J 40.00	I 40.00
Federal owned U	Federal owned U	Federal owned U	Federal owned U
M 40.00	N 40.00	O 40.00	P 40.00
Federal owned U A A	Federal owned U A A	Federal owned U A	Federal owned U A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD : ONGARD 07/11/00 11:54:23
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPNZ

API Well No : 30 39 20157 Eff Date : 01-01-1900 WC Status : A
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
OGRID Idn : 23708 UNION OIL CO OF CALIFORNIA
Prop Idn : 11510 RINCON UNIT

Well No : 146
GL Elevation: 6629

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: G	23	27N	06W	FTG 1620 F N	FTG 1550 F E	P
Lot Identifier:							
Dedicated Acre:							320.00
Lease Type							: F
Type of consolidation							(Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC