

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF -079052	
2. NAME OF OPERATOR Union Oil Company of California dba(Unocal)		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 671, Midland TX		7. UNIT AGREEMENT NAME Rincon Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement) At surface 1940' FSL and 500' FEL At proposed prod. zone Same as Surface		8. FARM OR LEASE NAME, WELL NO. Rincon Unit 155M	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 40 miles Southeast from Bloomfield NM.		9. API WELL NO. 30-039-26482	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE FT (Also to nearest dtp. Unit line, if any) 3340'		10. FIELD AND POOL OR WILDCAT Basin Dakota/ Mesa Verde	
16. NO. OF ACRES IN LEASE 2845.09		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA I Sec. 17, T-27-N, R-6-W	
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. 1762'		12. COUNTY OR PARISH Rio Arriba	
18. PROPOSED DEPTH 7702'		13. STATE NM	
21. ELEVATIONS (Show whether DF, RT, GR, e) 6580' GR		20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START July 15, 2000			
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	H-40 9-5/8"	32.3#	350'
8-3/4"	K-65 7"	20#	2800'
6-1/4"	N-80 4-1/2"	11.8#	7702'
QUANTITY OF CEMENT			
285 SACKS "B" TOC @ SURFACE			
300 SACKS TYPE III TOC @ SURFACE			
3 SACKS 65/35 POZ TYPE III TOC TIED INTO 7" CASI			

"Expedited APD/ROW"

Unocal plans to drill the Rincon Unit 155M, 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 suppression system in place, in the event that we have to flare while dust drilling the production hole.

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

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 prevention program, if any.

SIGNED Mike C. Phillips TITLE PERMAN ROCKY MOUNTAIN DRILLING FOREMAN DATE 06/14/00
 (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 application to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /s/ Jim Lovato TITLE _____ DATE AUG - 1 2000

*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.

NIAOCD

HOLD C104 FOR NSL in Basin Dakota

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 30039-26482		2 Pool Code 71599	3 Pool Name Basin Dakota
4 Property Code 011510	5 Property Name RINCON UNIT		6 Well Number 155M
7 OGRID No. 023708	8 Operator Name UNION OIL COMPANY OF CALIFORNIA		9 Elevation 6574

10 Surface Location

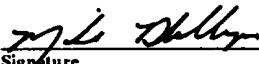

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	17	27 N	6 W		1940	South	500	East	Rio Arriba

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 320	13 Joint or Infill I	14 Consolidation Code	15 Order No.
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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

<div>16</div> <div>$S88^{\circ}28'W$</div> <div>$W 6$ $S88^{\circ}28'W$ $0.70cm$</div> <div>$79.46cm$</div> <div>$FD.$</div> <div>$80.54cm.$</div> <div>$79.57cm$</div> <div>$SEC.$</div> <div>77</div> <div>$N 56^{\circ}59'E$</div> <div>$165'$</div> <div>$S87^{\circ}53'W$</div> <div>$79.74cm$</div> <div>$N 56^{\circ}59'E$</div> <div>$1940'$</div> <div>$N 56^{\circ}59'E$</div> <div>$1940'$</div> <div>$N 56^{\circ}59'E$</div>	<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div></div> <div>Signature</div> <div>Mike Phillips</div> <div>Printed Name</div> <div>Rky Mtn/Perm Basin Drlg Foreman</div> <div>Title</div> <div>05/16/00</div> <div>Date</div>
	<div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div></div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor</div> <div>William E. Madricki II</div> <div>Certificate Number 8466</div>

New Mexico Oil Conservation Division

SA

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-26482		Pool Code 72319	Pool Name Blanco Mesa Verde
Property Code 011510	Property Name RINCON UNIT		Well Number 155M
OGRID No. 023708	Operator Name UNION OIL COMPANY OF CALIFORNIA		Elevation 6574

10 Surface Location

UL or lot no. I	Section 17	Township 27 N	Range 6 W	Lot Idn	Feet from the 1940	North/South line South	Feet from the 500	East/West line East	County Rio Arriba
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11 Bottom Hole Location If Different From Surface

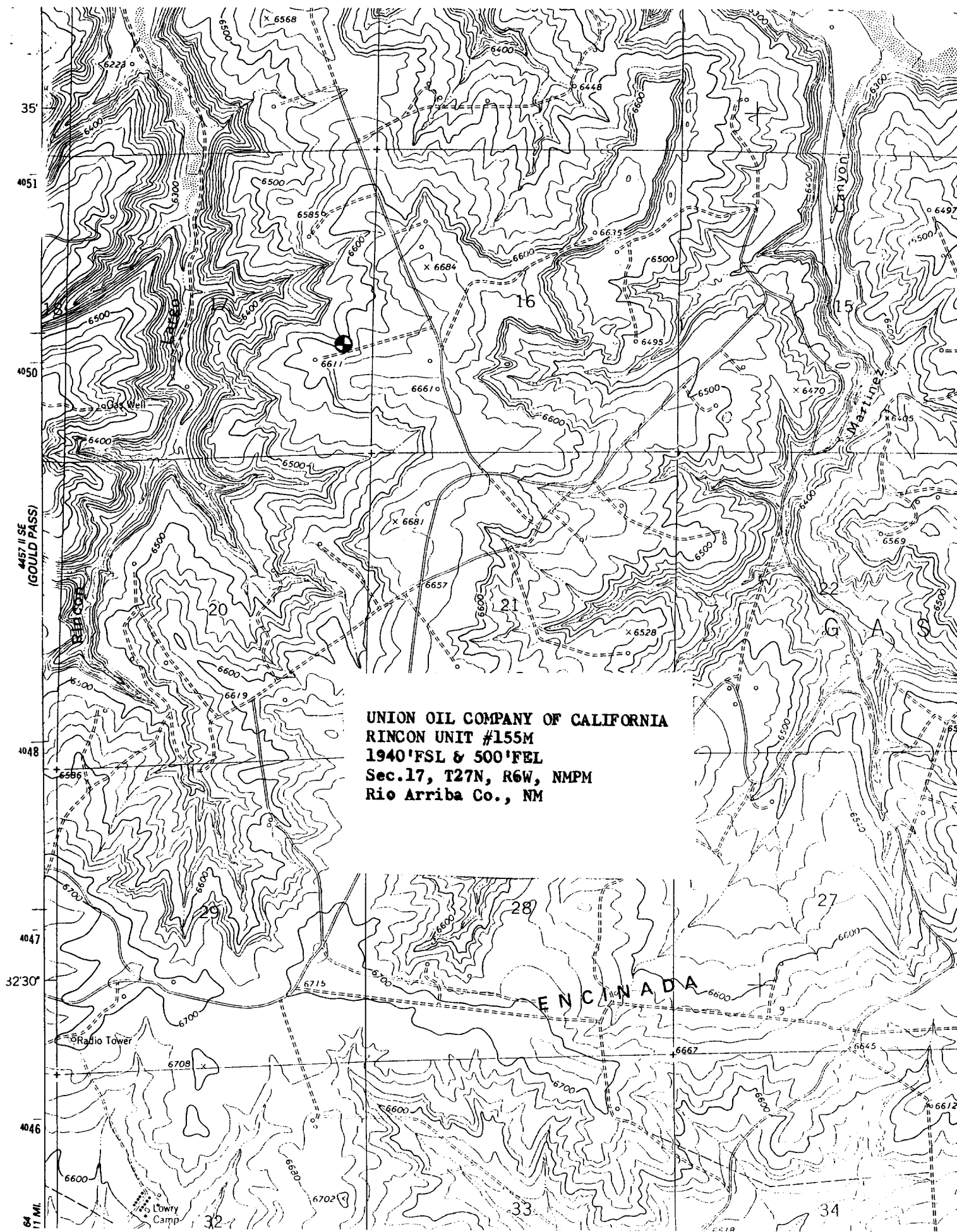
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill I	Consolidation Code		Order No.					

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 S88°28'W 80.54m. WC S88°28'W 0.30cm	79.46m Fd.	17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Mike Phillips Signature Mike Phillips Printed Name Rky Mtn/Perm Basin Drlg Foreman Title 05/16/00 Date	
		18 SURVEYOR CERTIFICATION <i>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.</i> William E. Marken Date of Survey Signature and Seal William E. Marken Professional Surveyor #8466 Certificate Number 8466	
81 SEC. 81 1940' 500' NO°59'E S87°53'W 79.74m	17 81A 1940' 500' NO°50'E		

New Mexico Oil Conservation Division

[Handwritten signature]



UNION OIL COMPANY OF CALIFORNIA
RINCON UNIT #155M
1940'FSL & 500'FEL
Sec.17, T27N, R6W, NMPM
Rio Arriba Co., NM