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BLM

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

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y to a different reservoir  
proposals

070-17-MINGION, NM

***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 671—Midland, TX 79702—(915) 685-7607

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

1450' FSL & 1450' FEL (NW SE)

Unit Ltr. J-----Sec. 23, T27N, R07W

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~~OIL CON. DIV.~~  
~~DIST. 3~~

**7. If Unit or CA, Agreement Designation**

### Rincon Unit

## 8. Well Name and No.

Rincon Unit #178E

## 9. API Well No.

30-039-25434

### 10. Field and Pool, or Exploratory Area

Basin Dakota/Blanco Mesaverde

## 11. County or Parish, State

Rio Arriba, 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"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Downhole commingle</u>	<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.)\*

Unocal plans to downhole commingle the Basin Dakota and the Blanco Mesa Verde (currently a dual well). Approval for downhole commingling the two zones was granted on Aug. 31, 1994 by Order No. DHC-1040 for Rincon Unit #178E.

A copy of the procedure is attached.

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

Signed Charlotte Deeson

**Title** Regulatory Clerk

Date 03/19/99

(This space for Federal or State office use)

Approved by Chip Haraden  
Conditions of approval, if any:

Title Acting Team Lead

Date 3/31/99

18 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**

**NMOCB**



New Name. Same Spirit.  
A Business Unit of Unocal

99 MAR 24 AM 8:49

070 FARMINGTON, NM

**UNION OIL COMPANY OF CALIFORNIA**  
**MIDLAND, TEXAS**  
**CONDITION OF HOLE & PROCEDURE**

Drilling Eng.	
Reservoir Eng.	
Production Eng.	
Field Supt.	
Drilling Supt.	

DATE: 3/18/99

FIELD: Dakota

AREA: South Permian

LEASE/UNIT: Rincon  
Unit

WELL NO.: 178E

REASON FOR WORK: To change tubing design & downhole commingle.

**CONDITION OF HOLE:**

TOTAL DEPTH: 7,720' ETD: 7,720' KB DATUM IS 12' ABOVE G.L.

**CASING RECORD:**

**9-5/8" CASING DETAIL**

364.00'	Total Casing
12.00'	BKDB
376.00'	FHD

Cement w/250gx Class "G" w/2% CACL2. Cement Circulated.

**7" CASING DETAIL**

1.00'		Baker Guide shoe.
31.48'	1jt.	26# K-55 LT&C New SMLS Csg
		Baker Float Collar
1.00'	58 jts.	26# K-55, C-95 SMLS new casing.
2192.35'		Baker DV Tool @ 5497.17'.
2.00'		
330.21'	8 jts.	26# C-95 LT&C SMLS new casing.
1854.12'	42 jts.	23# K-55 LT&C SMLS new casing.
2.00'		Baker DV Tool.
3265.00'	74 jts.	23# K-55 LT&C New SMLS casing.
26.84'	1 pce.	Ditto
7706.00'		Total Casing
14.00'		BKDB
7720.00'		FHD

**TUBING DETAIL:**

**See wellbore diagram**

**PERFORATIONS:**

**See wellbore diagram**

**REGULATORY REQUIREMENTS**

Downhole commingling permit, Sundry Notice, and 48hr notification prior to rig-up.

**PROCEDURE FOR THE RINCON UNIT 178E**

1. Contact first alert. Notify BLM. Inspect anchors. Dig and line flowback pit. Install blooie line.
2. MIRU DD PU. Hold pre-job inspection and safety meeting.
3. Blow down well. Kill well with 2% KCL (minimum amount.) ND tree. NU tested BOP. POH w/2-3/8" short production tubing.
4. Release Guiberson G-6 Paker. POH visually inspecting 2-3/8" Tubing.
5. RIH and single string production tubing @ as per production recommendation. ND BOP. NU single head.
7. RU and acidize Dakota perms down tubing. Swab and flow back load until well cleans up. RD PU. Clean and level location. Turn over to production for chemical dump job.

ASSET GROUP: South Permian  
FIELD: Basin Dakota  
LEASE/UNIT: Rincon Unit  
COUNTY: Rio Arriba

**SPIRIT ENERGY** **76**  
New Name. Same Spirit.  
A Division of Unocal

DATE: Mar. 18, 1999  
BY: M.C. Phillips  
WELL: #178-E  
STATE: New Mexico

SPUD DATE: 7/7/1995  
COMP. DATE: 8/30/95  
STATUS: producing

KB = 6,684'  
Elevation = 6,670'  
TD = 7,720'  
PBTD = 7,720'

*Before*

9-5/8" @ 376'.. Cmt'd w/250 sxs. Circ.

Longstring Detail

Sub	2-3/8" pump out sub		0.53'
Tbg	2-3/8" 4.7# J-55 8rd Tbg	1jt	31.10'
SN	Std SN (1.78" ID)		1.10'
Tbg	2-3/8" 4.7# J-55 8rd Tbg	64jts	2,000.76'
Packer	Guib G-6, 7" x 2-3/8" 15k compression		4.50'
Tbg	2-3/8" 4.7# J-55 8rd Tbg	1jt	31.55'
On/Off	Guib on/off tool		2.20'
Tbg	2-3/8" 4.7# J-55 8rd Tbg	177jts	5,548.55'
TOTAL			7,620.29'
KB			12.00'
FHD			7,632.29'

Shortstring Detail

Tbg	2-3/8" 4.7# J-55 8rd Tbg	1jt	31.60'
SN	Std SN (1.78" ID)		1.10'
Tbg	2-3/8" 4.7# J-55 8rd Tbg	177jts	5,475.37'
TOTAL			5,508.07'
KB			12.00'
FHD			5,520.07'

Mesa Verde Perforations

Perfs @ 5102', 5235', 5285-87', 5357-58', 5360', 5386', 5397', 5410', 5413', 5427'  
5430', 5435', 5438', 5476' 5482', 5484', 5486'. Frac 64,000 gals 60K sand.

Graneros Perforations

Perfs @ 7388-400', 7410-22'. Frac 27000 gals,92K sand.

Dakota Perforations

Perfs @ 7507-19', 7562-68', 7579-93'. Frac 50500 gals,210K

7" @ 7,720'. Cmt'd Circulated.

TD 7720'

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0715  
District III  
1000 Rio Bravos 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 27, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies  
99 MAR 24 AM 8:48  
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT NM

API Number	Pool Code 71599/72319	Pool Name Basin Dakota/Blanco Mesaverde
Property Code 11510	Property Name RINCON UNIT	Well Number 178-E
OGRID No. 23708	Operator Name UNOCAL	Elevation 6670

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	23	27 N	7 W		1450	South	1450	East	Rio Arriba

Bottom Hole Location If Different From Surface

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

Dedicated Acres 320	Joint or Infill Y	Consolidation Code U	Order No. Unitization
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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

16	2645	10	S 87°	10' W	2465	10
	160	86			162	12
	AC ±				AC ±	
	2551	11			2549	56
	165	90			1450'	
	AC ±				AC ±	
	2637	36	S 88° 33' W		2637	36

**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: Jim Benson  
Title: Drilling Superintendent  
Date: 6/6/94

**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: May 31, 1994  
Signature: Cecil B. Williams  
Certificate Number: 9672