

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

**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. NM-013654
2. Name of Operator UNION OIL COMPANY OF CALIFORNIA	6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No. 3300 N BUTLER, SUITE 200, FARMINGTON, NM 87401	7. If Unit or CA, Agreement Designation RINCON UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1695' FNL 1735' FWL SEC 18, T27N, R6W	8. Well Name and No. RINCON 159M
	9. API Well No.
	10. Field and Pool, or Exploratory Area BASIN DAKOTA-BLANCO (MV)
	11. County or Parish, State

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

**RECEIVED**  
JUN 25 1992  
OIL CON. DIV.  
DIST. 3

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.)

MR. KEN TOWNSEND / MR. EARL BECHER

Union Oil Company of California proposed to change the hole size, casing design and cementing volume for the Rincon Unit 159M as follows:

Depth	Hole Size	Casing	Cement	WT.	MUD Vis	W.L.
0 - ±350'	12-1/4"	8-5/8"	± 250 SX		Spud Mud	
350' - ± 3100'	7-7/8"			8.4-8.5	30-33	NA
3100' - TD	7-7/8"	5-1/2"	± 1200 SX	8.5-9.2	35-45	<10

Surface

Drill 12-1/4" hole to ± 350' with spud mud. Run 8-5/8" 24#, K-55/J-55, St&C Casing. Cement with ± 250 sx class B w/ 2% CaCl<sub>2</sub> + 1/4#/sx cello flakes mixed at 15.7 ppg, 1.17 cu.ft/sx yield. Volume plus 100% excess. Cement to surface. Guide shoe with insert float collar, Centralize shoe joint and next five joints.

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

Signed Jim Benson

Title DISTRICT DRILLING SUPT.

Date 6/15/92

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

**APPROVED**

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

NM000

**AREA MANAGER**

## RINCON UNIT #159M

### PRODUCTION

Drill 7-7/8" hole from 350' to  $\pm$  3100' with fresh water and high vis. sweeps as needed. Drill 7-7/8" hole from  $\pm$  3100' to TD with a fresh water low solids non-dispersed mud system. Run 5-1/2" casing as follows:

<u>Depth</u>	<u>Length</u>	<u>Description</u>
7690' to 6500'	(1190')	17# N-80 Lt&C
6500' to surface	(6500')	17# K-55/J-55 Lt&C

#### Design Criteria

Tension 1.8  
Collapse 1.125  
Burst 1.0

Cement 5-1/2" production casing in two stages with the DV tool at  $\pm$  4700' as follows:

1st stage:  $\pm$  450 sxs of 50/50/2 poz containing gel, fluid loss control, dispersant, free water control agent and cello flakes mixed @ 13ppg, 1.27 cu ft/sx yield. Tail with  $\pm$  100 sxs class B with fluid loss control mixed @ 15.7 ppg, 1.17 cu. ft/sx yield

2nd stage:  $\pm$  350 sxs class B with 3% sodium metasilicate mixed @ 11.3 ppg, 281 cu. ft/sx yield. Tail with  $\pm$  100 sxs class B mixed @ 15.7 ppg, 1.17 cu ft/sx yield. Volume plus 35% excess. Circulate cement to surface. (Exact volumes to be calculated from caliper logs)

#### Cementing Hardware:

Guide shoe with float collar at the top of 1st joint. Centralize shoe joint and next four joints. Centralize and turbalize above and below stage tool, oil and gas zones as needed and across the Ojo Alamo formation.