

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 FARMINGTON, N.M.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

UNION OIL COMPANY OF CALIFORNIA

3. Address and Telephone No.

3300 N BUTLER, SUITE 200, FARMINGTON, NM 87401

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

1154' FNL 1850' FWL

SEC 13, T27N, R7W

7. If Unit or CA, Agreement Designation

RINCON

8. Well Name and No.

RINCON #167M

9. API Well No.

30-039-25062

10. Field and Pool, or Exploratory Area

Basin DAKOTA-BLANCO

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

☐ 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.)

Mr. Ken Townsend / Mr. Earl Becher

Union Oil Company of California proposes to change the hole size, mud system, casing and cementry design for the Rincon Unit #167M as follows:

Depth	Hole Size	Casing	Cement	MUD		
				Wt.	Vis	W.L.
0 - ± 350'	12-1/4"	8-5/8"	± 250 sx		Spud Mud	
350' - ±3300'	7-7/8"			8.4-8.5	30-33	NA
3300 - TD	7-7/8"	5-1/2"	±1200 sx	8.5-9.2	35-45	<10
(LSND)						

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% CaCl₂ + 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.

(VERBAL APPROVAL RECIEVED 5/5/92 - KEN TOWNSEND)

cont.

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

Signed Jim Denson

Title DISTRICT DRILLING SUPT.

Date 5/8/92

(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

AREA MANAGER

PRODUCTION

Drill 7-7/8" hole from 350' to \pm 3300' with fresh water and high vis. sweeps as needed. Drill 7-7/8" hole from \pm 3300 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>
7870' to 6500'	(1370')	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 4900' 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 (15.7 ppg, 1.17 cu ft/sx yield)
- 2nd stage: \pm 350 sxs class B with 3% sodium metasilicate mixed @ 11.3 ppg, 2.81 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.