

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

SF 079360

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Rincon Unit

8. Well Name and No.

238

9. API Well No.

30-039-22642

10. Field and Pool, or Exploratory Area

Otero Chacra

11. County or Parish, State

Rio Arriba, NM

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

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P.O. Box 2620, Casper, WY 82602, 307-234-1563

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

1610' FNL, 1520' FEL  
Sec. 22, T27N, R7W

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.)\*

Union Oil Company of California (UNOCAL) intends to plug and abandon the Rincon well #238. See attached procedure.

RECEIVED  
MAR 07 1994  
ON COM. OF  
DIST. 3

070 FARMINGTON, NM

54 FEB 18 PM 2:11

RECEIVED  
BLM

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Signed

*[Signature]*

Title Drilling Superintendent January 27, 1994

(This space for Federal or State official use) Benson

Approved by

Conditions of approval, if any:

Title

Date

APPROVED

MAR 01 1994

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

NMOCD

Dist. Prod. Mgr. \_\_\_\_\_  
Dist. Engineer \_\_\_\_\_  
Dist. Drlg. Supt. \_\_\_\_\_

UNION OIL COMPANY OF CALIFORNIA  
ROCKY MOUNTAIN ASSET GROUP  
SOUTHERN ROCKIES AREA  
CONDITION OF HOLE & PROCEDURE

DATE: JANUARY 26, 1994

FIELD: RINCON

AREA: FARMINGTON

LEASE/UNIT: RINCON

WELL NO. 238

REASON FOR WORK: To plug and abandon Rincon Well #238.

CONDITION OF HOLE:

TOTAL DEPTH: 4220'      ETD or  
PBTD: 4157'      KB      DATUM IS: 12'      ABOVE GL

CASING RECORD: 134' 8 5/8" 24# J-55 8rd csg cmt'd w/ 106 ft<sub>3</sub> cmt  
4220' 2 7/8" 6.4# J-55 csg, cmt'd w/ 1067 ft<sub>3</sub> cmt  
Top of cement @ 150'

PERFORATIONS: Chacra  
3976', 3982', 3986', 3999', 4000', 4117', 4120', 4135',  
4138' 4157', 4160' 1 spf

TUBING DETAIL: None in hole

ROD & PUMP  
DETAIL: None

PROCEDURE:

**RINCON #238**  
**PLUG & ABANDON PROCEDURE**

1. Test deadmen. MIRU pulling unit w/ pump and tank. Kill well, if necessary. N.D. tree. N.U. BOP.
2. P.U. & TOH w/ 2 1/2" bladed bit on 1 1/4" workstring. Check ETD @ 4211', TOH. TIH w/ 2 7/8" retainer on same workstring. Pump through and set retainer @ 3900'.
3. Squeeze Chacra perms 3976-4160' w/ 50 sacks (Plug #1) Class "B" cement containing friction reducer and fluid loss additives. Leave 50' of cement on top of retainer. POOH 60'. Displace wellbore w/ minimum 9.0 ppg 50 viscosity bentonite based non-fermenting mud. TOH and lay down stinger.
4. TIH open ended to 2800'. Spot 10 sx (Plug #2) class "B" cement w/ friction reducer from 2800-2550'. Displace w/ same mud. TOH to 2300'.
5. Pump and spot 35 sx (Plug #3) same cement from 2300-1300' (covers Ojo Alamo and Nacimiento formations). TOH.
6. Chemical cut 2 7/8" tbg (csg) @ ±140'. POOH and lay down csg. TIH w/ 2 3/8" tbg to 140'. Spot 75 sx (Plug #4) class "B" cement w/ 2% CaCl<sub>2</sub> from 140' to surface. Lay down 2 3/8" tbg.
7. Cut off wellhead 3' below ground level and install dry hole marker. Clean up and restore location. Well P&A'd.

## Calculation Record

UNOCAL 76

PREPARED BY

CHECKED BY

DATE

6-6-89

PAGE

OF

W.O.A.F.E. NO.

OBJECT

LINCON # 238

CH.

G-22-T27N-R7W

6-7-89 STD by wireline measurement at  
4157 ft.8<sup>5</sup>/<sub>8</sub>" 24# J-55 CSG. @ 134' w/106 ft<sup>3</sup> CMTT.O.C.  
@ 150'

No tubing

PERF. 3976', 3982', 3986', 3999', 4000' 4117', 4120' 4135',  
4138', 4157', 4160' w/1 SPZ  
FRAC. w/ 50,568 # 20/40 SAND & 59,768 gal. WATERP.B.T.D.  
4211'2<sup>7</sup>/<sub>8</sub>" 6.4# J-55 CSG. @ 4220' w/1067 ft<sup>3</sup> CMT.  
T.D. 4220'

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 La Plata Highway  
Farmington, New Mexico 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 238 Rincon Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."

2. Mike Flaniken with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.

3. The following modifications to your plugging program are to be made (when applicable):

- 1.) Place a cement plug from 3066' to 2737' inside the casing plus 50 linear feet excess. (PCTop-3016', Fruitland top-2787')
- 2.) Place a cement plug from 2402' to 2085' inside the casing plus 50 linear feet excess. (Oso Alamo 2135' to 2352')
- 3.) Place a cement plug from 1113' to 1013' inside the casing plus 50 linear feet excess. (Nacimiento Top-1063')

Office Hours: 7:45 a.m. to 4:30 p.m.