

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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)

1784' FSL, 1644' FWL
Sec. 26, T27N, R7W

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

079160 SF-080385

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Rincon Unit

8. Well Name and No.

37

9. API Well No.

SF 080385

10. Field and Pool, or Exploratory Area

South 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.)*

Union Oil Company of California (UNOCAL) intends to plug and abandon the Rincon well #37. See attached procedure.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

MAR 07 1994

CON. DIV
DIST 2

RECEIVED
94 FEB 18 PM 2:10
070 FARMINGTON, NM

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

Signed

[Signature]
(This space for Federal or State official use) Benson

Title Drilling Superintendent January 27, 1994

Approved by
Conditions of approval, if any:

Title

APPROVED

MAR 03 1994

DISTRICT MANAGER

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 statement or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

NMOCD

RINCON #37
PLUG & ABANDON PROCEDURE

1. Test deadmen. MIRU pulling unit w/ pump and tank. Kill well, if necessary. N.D. tree. N.U. BOP.
2. TOH and lay down prod. tbg and material transfer to Rincon Prod. yard. TIH w/ 4 3/4" bit on 2 7/8" tbg and tag ETD @ $\pm 3150'$. TOH.
3. TIH w/ 5 1/2" cmt retainer and set @ $\pm 3030'$. Cement squeeze Pictured Cliff formation (3081-3150') w/ 50 sacks (Plug #1) Class "B" cement w/ 2% CaCl_2 . Sting out and spot 5 sx cement on top of retainer. POOH 60' - displace wellbore w/ minimum 9.0 ppg, 50 viscosity bentonite based non-fermenting mud.
4. TOH w/ stinger to $\pm 2505'$, (50' below base of Ojo Alamo formation). Spot 20 sacks (Plug #2) same cement from $\pm 3505'$ to $\pm 2405'$ (Calc 100' min. w/ 50% excess). Displace w/ same mud. TOH.
5. Perforate 5 1/2" csg @ $\pm 1360'$, 4 jspf (50' below top of Ojo Alamo formation). Perforate 5 1/2" csg at $\pm 1240'$, 4 jspf (50' below top of Nacimiento formation).
6. TIH w/ 5 1/2" cement retainer and set @ $\pm 1260'$ (100' above Ojo Alamo perfs). Spot and squeeze 5 1/2" csg w/ 65 sacks (Plug #3) same cement. Displace cement w/ same mud. Reverse circ. tbg clean leaving 5' of cmt on top of retainer. TOH.
7. TIH w/ 5 1/2" cement retainer and set @ $\pm 1140'$ (100' above Nacimiento perfs). Spot and squeeze 5 1/2" csg w/ 65 sacks (Plug #4) same cement, leaving 5 sacks on top of retainer. TOH to 300'.
8. Pump and spot 40 sacks (Plug #5) from 300' to surface. TOH.
9. 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	PAGE OF
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SUBJECT

Rincon Unit #37 PC

K-26-27N-7W

1-1-88 Cum Gas - 720,073

Well was reworked 2/2/82 and 4 jts were replaced w/ abrasion corrosion. Bottom 3 jts were plugged w/ shale. Put on compressor for short time to unload fluids.

9 5/8", 25.4#, set @ 131 ft w/ 100 sk cnt

Cement top @ 2205

1 1/2 jts, 1" line pipe set @ 3108.

5 1/2", 15.50#, J-55 csg set @ 3081 w/ 75 sk cnt, # 75 sk foamix

Stimulated w/ BT72 gels oil & 13,000 # sand

TD - 3150 ft.

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: 37 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.) Extend cement plug spotted on top of retainer to 2813'. (Fruitland Top @ 2863')
- 2.) Place a cement plug inside the casing from 2505' to 2182' plus 50 linear feet excess. (Ojo Alamo 2232'-2455')::
- 3.) Perforate @ 1295'; place a cement plug from 1295' to 1145' inside & outside the casing plus 100% excess cement in the annulus and 50 linear feet inside the csg. (Macmillan Top @ 1245')
- 4.) Perforate @ 181' and circulate cement to the surface (surface csg. @ 131')

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