

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

5. Lease Designation and Serial No.

SP 079160

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Rincon Unit

8. Well Name and No.

46

9. API Well No.

10. Field and Pool, or Exploratory Area

South Blanco

11. County or Parish, State

Rio Arriba, 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 2620, Casper, WY 82602, 307-234-1563

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

990' FNL, 1650' FEL  
Sec. 1, T26N, R7W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- 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 #46. See attached procedure.

RECEIVED

MAR 07 1994

OIL CON. DIV.  
DIST. 3

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

94 FEB 18 PM 2:10  
070 FARMINGTON, NM

RECEIVED  
BLM

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

Signed [Signature]

Title Drilling Superintendent Date January 27, 1994

(This space for Federal or State official use) Jim Benson

Approved by \_\_\_\_\_ Title \_\_\_\_\_

Conditions of approval, if any:

APPROVED

MAR 01 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 statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

NMOOD



**RINCON #46**  
**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 @ ± 2955'. TOH.
3. TIH w/ 5 1/2" cmt retainer and set @ ± 2850'. Cement squeeze Pictured Cliff formation (2892-2955') w/ 50 sacks (Plug #1) Class "B" cement w/ 2% CaCl<sub>2</sub>. 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 ±2395', (50' below base of Ojo Alamo formation). Spot 20 sacks (Plug #2) same cement from ± 2395' to ±2295' (Calc 100' min. w/ 50% excess). Displace w/ same mud. TOH.
5. Perforate 5 1/2" csg @ ±1680', 4 jspf (50' below top of Ojo Alamo formation). Perforate 5 1/2" csg at ±1540', 4 jspf (50' below top of Nacimiento formation).
6. TIH w/ 5 1/2" cement retainer and set @ ±1580' (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 10' cmt on top of retainer. TOH.
7. TIH w/ 5 1/2" cement retainer and set @ ±1440' (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



PREPARED BY	CHECKED BY	DATE 7-6-89	PAGE OF
PROJECT RINCON # 46 P.C. B-1-T26N-RTW			W.D/A.F.E. NO.

D.F. 10' ABOVE G.L.

9 5/8", 25.4#, S.W. CSQ. @ 130' w/100 SX

1", 1.68#, 10RD TB6. @ 2938'

5 1/2", 15.50#, J-55 CSQ. @ 2892' w/150 SX

FRAC. OPEN-HOLE SECTION w/17,000 gal. WATER & 17,000# SAND.

P.B.T.D. 2955'

T.D. 2955'

IN REPLY REFER TO:  
(07337)

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: 46 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.) Increase cement volume spotted on top of retainer @ 2850' to come up to 2582'.  
(Top of Fruitland @ 2632')

2.) Place a cement plug from 2395' to 2054' inside the casing plus 50 linear feet excess.  
(Ojo Alamo 2109' to 2345')

3.) Perforate @ 1080' and Place a cement plug from 1080' to 980' inside & outside the casing plus 100% excess cement in the annulus and 50 linear feet excess inside the casing. (Nacimiento Top @ 1030')

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

4.) Perforate @ 180' and circulate cement to the surface.  
(surface csg. @ 130')

Note: Perforating @ 1680' and 1580' is NOT Necessary