

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☒ OTHER ☐ **CONFIDENTIAL INFORMATION**

2. NAME OF OPERATOR  
Union Oil Company of California

3. ADDRESS OF OPERATOR  
P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
2250' FNL & 510' FEL (SE SE NE)

14. PERMIT NO.  
API No. 30-039-23904

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7457' GR (Ungraded)

5. LEASE DESIGNATION AND SERIAL NO  
Jicarilla Contract No. 500

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Jicarilla (H9)

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 9, T.29N., R.2W.

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
New Mexico

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐  
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐  
SHOOT OR ACIDIZE ☐ ABANDON\* ☐  
REPAIR WELL ☐ CHANGE PLANS ☐  
(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐  
FRACTURE TREATMENT ☐ ALTERING CASING ☐  
SHOOTING OR ACIDIZING ☐ ABANDONMENT\* ☐  
(Other) ☒ SUPPLEMENTARY WELL HISTORY

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)

TIH to cut Core No. 5.

Core No. 5 - 7680-7710' (30'/1/2 hr.)

Recovered 29' of black shale with siltstone and sandstone stringers and fossils. Had some 3" to 1-1/2' hairline fractures.

TIH with no drag or fill. Reamed from 7680-7709'. Drilled with air and N<sub>2</sub> from 7709-7735'. Circulated. TOOH. TIH to cut Core No. 6.

Core No., 6 - 7735-7765' (30'/3/4 hr.)

Recovered 30' of black shale with siltstone and sandstone stringers and fossils. Had two fractures between 1' to 2' long.

TIH and reamed from 7735-7765'. Drilled with air and N<sub>2</sub> from 7765-8054'. Circulated hole and strapped out for logs. Ran DIL, LDT, and CNL w/GR and Caliper. Installed 7-5/8" casing rams.

Ran and cemented 33 jts. (1,412.84') of 7-5/8", 29.7#, S-95, buttress, new, seamless casing liner at 8047.54' (top of float shoe at 8045.24', float collar at 8003.36', landing collar at 7959.89', and liner hanger with tie-back  
(Continued on Attached Sheet)

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

SIGNED R. G. Ladd, Jr.  
(This space for Federal or State office use)

TITLE District Oil and Gas Supt.

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED  
SEP 05 1986  
OIL CON. DIV.  
DIST. 3  
ACCEPTED FOR RECORD  
AUG 21 1986  
FARMINGTON RESOURCE AREA

CONFIDENTIAL

\*See Instructions on Reverse Side

NMOC

Union Oil Company of California  
Jicarilla (H9) Well No. 1  
Rio Arriba County, New Mexico  
7-31-86  
Page 2

receptacle at 6624.82') with 360 sacks of cement with 0.3% R-5 and 1.7% BA-29, mixed at 15.9#/gal (yield .14 cu. ft./sx). Did not bump plug. C.I.P. & J.C. at 3:00 p.m., 7-24-86. P.U. and set liner top packer. Tested hydril to 2500 psi and BOP stack to 5000 psi, O.K. W.O.C.

TIH and tagged cement at 4632'. Drilled soft cement from 4632-5000', then fell free. TIH and tagged 7-5/8" liner top at 6634'. Pressure tested 7-5/8" liner top to 2500 psi with 8.9 ppg mud in hole; held O.K. TOOH.

TIH and tagged cement top in 7-5/8" liner at 6945'. Drilled soft cement from 6945-7005', then hard cement to landing collar at 7959'. Drilled firm cement from 7959-8003', float collar at 8003', and firm cement to 8040'. Pressured 7-5/8" casing to 2500 psi with 8.9#/gal. mud. Ran wire line survey; 1-1/4" @ 8010'. TOOH. Ran Cement Evaluation Log and Acoustic Caliper Log from 8038-6650' which indicated very poor to no cement from 7900-8038' and no cement from 7900-6634' (top of liner).

Ran Cement Bond Log and Free Pipe Log from 8036-6634'. Free Pipe Log indicated that liner was 70% stuck at 8036-8002', 85% at 8002-7984', 70% at 7984-7952', 45% at 7952-7864', 30% at 7864-7560', and top liner free at 7560'. Cement Bond Log indicated very good bond from 8036-7986', poor to no bond from 7986-7982', good bond from 7982-7972', poor to no bond from 7972-7960', good bond from 7960-7952', poor to no bond from 7952-7560', and no bond from 7560' to liner top.

Perforated 7-5/8" liner at 8030' with 4 jsfp. Set cement retainer on wire line at 7979'. Cemented 7-5/8" liner with 100 sacks of class "H" cement with 2% gel, 2% KCl and 0.65% CF-10. C.I.P. & J.C. at 11:45 p.m., 7-29-86.

Ran Temperature Logs from 7968-6800'. Perforated 7-5/8" liner at 7400' with 4 jsfp. P.U. cement retainer and set on wireline at 7350'. Perforated 7-5/8" liner at 6850' with 4 jsfp. Cemented 7-5/8" liner from 7400-6850' with 265 sacks of class "H" cement with 2% gel, 2% KCl and .65% CF-10. C.I.P. & J.C. at 8:15 p.m., 7-30-86. P.U. 9-1/2" bit. TIH and washed 200' of cement stringers from 6434-6634'. Circulating.

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12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
New Mexico

RECEIVED  
AUG 04 1986

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
(Other) ☐

PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
ABANDON\* ☐  
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

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(Other) ☐

REPAIRING WELL ☐  
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SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt.  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

ACCEPTED FOR RECORD  
DATE AUG 21 1986

AUG 21 1986

DATE \_\_\_\_\_  
FARMINGTON RESOURCE AREA

BY [Signature]

CONFIDENTIAL

\*See Instructions on Reverse Side

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Jicarilla (H9) Well No. 1  
Rio Arriba County, New Mexico  
7-31-86  
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