

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42 R1424

5. LEASE DESIGNATION AND SERIAL NO.

SF 078621 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 2620 - Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface

1730' FNL, 1060' FEL

14. PERMIT NO.

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

6508' GR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1(H24)

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 24, T.25N., R.11W.

12. COUNTY OR PARISH

San Juan

13. STATE

N.M.

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:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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.) \*

Drilled 7-7/8" hole to 6181'. P.O.O.H. Ran Dresser Dual Ind. Laterolog and Compensated Neutron Formation Density Log.

Ran and cemented 163 joints of 5-1/2", 15.5#, J-55 casing at 6177' with 100 sacks 65-35 pozmix cement. Had full returns throughout job. Released rig at 4:00 a.m. 11-6-75. Moved out rotary rig. MIRU completion rig.

Picked up 4-3/4" bit on 2-3/8" Nu-Lock tubing to 6140' PBD. S.D.O.N. Displaced fresh water in hole with 2% KCl water. Tested casing and BOP to 3500 psi. Spotted 250 gallons 15% HCl. Ran PDC Log over intervals. Perfed 2 deep penetrating jet shots at each depth as follows: 5943', 5944', 5945', 5970', 5971', 5974', 5981', 5989', 5990', 5991', 5992', 5993', 5996', 6001', and 6009'. No change in F.L. after perf. RIH and set packer at 5885'. Pressured annulus to 1000 psi. Pumped 5 bbls. 2% KCl water to establish rate of 3-1/2 bbls/min. at 2100 psi. Started injecting 2 ball sealers/bbl. fluid pumped. Rate and pressure remained constant until 42 bbls. had been pumped. Pressure increased to 2600 psi. With 22 bbls. in formation and 44 balls on perfs, pressure increased to 5000 psi. Had good ball action. S.I. with 5000 psi on tubing. (15 mins.) 600 psi. S.D.O.N. 13 hour SITP 400 psi. Opened to pit. Well flowing at rate of 426 MCFD. Released packer. P.O.O.H.

(CONTINUED ON ATTACHED SHEET)

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

SIGNED

*R. G. Ladd, Jr.*

R. G. Ladd, Jr.

TITLE

District Drilling Supt.

DATE

11-12-75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

USGS Form 9-331  
Union Oil Company  
Federal No. 1 (H-24)  
11-12-75  
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Sand fraced Dakota perfs, 5943-6009', with 55,500 gallons gelled 2% KCl water with 108,000# 20-40 sand and 20,000# 100 mesh sand at 34-37-10 bpm at 2300 to 2800 to 2300#. ISDP 2100#. (15) 1650#. 4 hours 260#. Flowed 10 bbls. to pit, casing pressure zero. Ran tubing and packer to 5889' with well running over and well kicked off flowing gas and water. Set packer and turned to pit on 16/64" choke, 16-1/2 hours. Flowing T.P. 600# to 1050# this a.m. Well flowing gas with heavy mist of water. S.I. Immediately SITP 1650#. Pumped 12 bbls. 2% KCl water down annulus. Hit pressure. Unseated packer. Well dead. Removed BOP. Installed Xmas tree. Landed 193 joints of 2-3/8" tubing at 5889.2'. Made 4 swab runs. Well kicked off flowing. Flowed gas with mist of water to pit, 15-1/2 hours on 1/4" choke. FTP 1050 psi.

Shut well in. Released rig.