

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-8007

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1 (M17)

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 17, T.25N., R.10W.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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 82602

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

1100' FSL & 1185' FWL

14. PERMIT NO.

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

6493' G.L.

16.

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)

X

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.)

X

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 perti-
nent to this work.)*

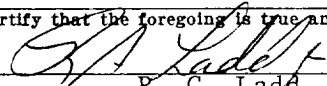
6225' T.D.

MIRU service unit. SITP 1380#. Bled pressure to zero/1/2 hour. Installed BOP. POOH with tubing and packer. Ran cement retainer on 2-3/8" tubing and set at 5984'. Squeezed perfs 6058', 6061', 6088-95', and 6098-6110' with 75 sacks class "B" cement with 10% salt, 2% gel, 10# 20-40 sand and 0.6% Halad 9/sack cement, mixed at 14.5#/gallon, followed by 75 sacks ditto cement without Halad 9 to maximum pressure of 2900# with 135 sacks cement in perfs. Perfed Cliff House at 2399-2409', 2425-2427', 2431-2433', 2441-2443', 2447-2455', and 2459' with 1 spf. Ran 2-3/8" tubing and set packer at 2285'. Swabbed 90 BW in 5 hours at 20 bph rate last 4 hours with small gas show with each swab run. F.L. 1400' to 1800' and steady at 1800' last 4 hours. Ran radioactive tracer pump in survey while pumping 60 bbls. water at 1 to 1/4 bpm at 550-400#. Tracer indicates no fluid moving above or below perfs. Perfs 2425-27', 2431-33', and 2441-43' taking majority of fluid with some fluid exit out perfs 2399-2409' and 2447-2455'. No indication that perf 2459' taking fluid. SDON.

(CONTINUED ON ATTACHED SHEET)

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

SIGNED


R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE

9-15-77

(This space for Federal or State office use)

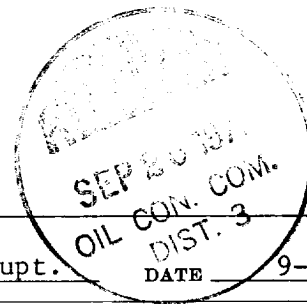
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



SEP 19 1977

U.S.G.S. Form 9-331
Sundry Notices & Reports on Wells

Union Oil Company of California
Federal Well No. 1 (M17)
9-15-77
Pg. 2

It is proposed to squeeze the open Cliff House perfs at 2399-2409', 2425-2427', 2431-2433', 2441-2443', 2447-2455', and 2459' with 100 sacks cement leaving 150' cement plug across the perfs. A ten-sack cement plug will be placed at the surface. The casing will be cut off 4' below ground level with a steel cap on the casing. A dry hole marker will be installed and the location cleaned and reseeded.

Received verbal approval to plug and abandon from Mr. P. T. McGrath, District Engineer, U.S. Geological Survey, Farmington, New Mexico, on September 13, 1977.