

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

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
Jerome P. McHugh

3. ADDRESS OF OPERATOR
P. O. Box 234, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
790' FNL - 990' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7213' GR

5. LEASE DESIGNATION AND SERIAL NO.
NM-14918

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Valencia Canyon Unit

9. WELL NO.
38

10. FIELD AND POOL, OR WILDCAT
Choza-Mesa PC

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 24, T28N, R4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

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

NOTICE OF INTENTION TO:

| | | | | | |
|---------------------|--------------------------|----------------------|--------------------------|-----------------------|-------------------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | PULL OR ALTER CASING | <input type="checkbox"/> | WATER SHUT-OFF | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | MULTIPLE COMPLETE | <input type="checkbox"/> | FRACTURE TREATMENT | <input checked="" type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | ABANDON* | <input type="checkbox"/> | SHOOTING OR ACIDIZING | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | CHANGE PLANS | <input type="checkbox"/> | (Other) | <input type="checkbox"/> |

(Other)

SUBSEQUENT REPORT OF:

| | |
|-----------------|--------------------------|
| REPAIRING WELL | <input type="checkbox"/> |
| ALTERING CASING | <input type="checkbox"/> |
| ABANDONMENT* | <input type="checkbox"/> |

(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.)*

7-11-78 Wellex ran bond log and Gamma Ray collar log. Perforated lower Pictured Cliffs w/l jet per foot 4110-4186 (76 holes). Prep. to foam frac.

(CONT'D ON BACK)

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

SIGNED

Jim L. Jacobs

TITLE

Agent

DATE

7-14-78

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

JUL 17 1978

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

*See Instructions on Reverse Side

7-13-78

Newsco and Western Co. on location. Started foam frac at 9:18 a.m. After 4 min shut down to check Newsco Equip. malfunction. Down 3 min. Resumed frac, pumped total 8 min pad at 40 B/M, 13,440 gal foam in pad, 4000 gal foam at 1#/gal and completed job pumping 40 bbls foam/min with 2# sand per gal. Used total of 1214 bbls 3% KCl water, 300,000 lbs 10-20 sand, 306 gal adafoam, 1,711,500 st cu ft of nitrogen. IF 1900 psi, Max 2275 psi, Min 1900 psi, Ave 2250 psi, Final 2275 psi, ISDP 1350 psi 5 min shut in 1250 psi. ISDP 1350 psi 5 min shut in 1250 psi. Dropped 3-3/4 frac ball and displaced with water. Press tested csg and BOP 2000 psi. Held OK. Rigged up Welex to perf upper Pictured Cliffs. Welex had electrical short in truck. Attempted to repair truck. No luck. Released Welex - waited 3 hrs for Blue Jet to get to location. Blue Jet perf one jet/ft 3986-4006 and 4018-28 total of 30 holes. Had trouble getting down with second gun. Stuck gun. Flowed well back and got gun loose. Western Co pumped 17 bbls 3% KCl water to keep ball down while perforating. Attempted to perforate 3962-72 but Blue Jet had misrun due to wet gun. Necessary to get another gun from town to perf this zone. Not enough daylight left to complete frac job today so eliminated this zone. Broke fm down w/water at 1000 psi.

Western Co and Newsco foam fraced upper Pictured Cliffs using 100,000 lbs 10-20 sand, 628,800 st cu ft nitrogen, 107 gal adafoam, 424 bbls 3% KCl water. IF 2000 psi, max 2325 psi, Min 2325, Ave 2325 psi final 2325 psi. ISDP 1400 psi. Pumped foam at rate of 40 B/M with 2# sand per gal of foam. 5 min shut in. Press 1350 psi.

Shut well in two hours while rigging down Newsco and Western. Flowed well back thru 1/2" positive choke for 20 min and recovered frac ball. Flowed well overnight.