

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R142.

5. LEASE DESIGNATION AND SERIAL NO.

NM 12033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Nassau

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 24, T27N, R13W

12. COUNTY OR PARISH

San Juan

13. STATE

N. M.

## 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

Box 234, Farmington, N. M. 87401

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

1850' fsl 1850' fel

14. PERMIT NO.

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

5898' Gr.

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

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\*

- 12/22/71 Finish pulling tbq. Western Company pressure tested csg. with 3500 psi - held O.K. Ran Gamma Ray-Correlation and Collar log. Perforated by Dresser Atlas 2 jets/ft. - 5906' - 5916', 5888' - 5896' and 5836' - 5840'. Broke down by Western Company with 2000 psi. Displaced acid with 1400 psi at 2 1/4 bbls. per min. Start in hole with Guiberson packer on tbq.
- 12/23/71 Finish trip in hole-set packer at 5845' R.K.B. Swabbed tbq. down - good show of gas after third swab run - swabbed fluid down to bottom - well making est. 50 MCF. Took two one-br. tests - first test had 800-900' of water with acid taste (slightly salty) - second test had 350-500' of water as above - good amount of gas both tests - Shut in.
- 12/25/71 Sand-water frac by Western Company with 3000 H.H.P., (total water used 66,108 gal.) used 54,684 gals. treated with 2 1/2# FR 2X per 1000 gals. and 50,000# 20-40 sand. I.F.P. 3300 psi, Min. F.P. 3100 psi, Max. F.P. 4000 psi, Ave. F.P. 3400 psi. Dropped 30 rubber balls in three stages of ten balls each, 200 psi press. increase first stage, no increase second stage, 600 psi press. increase third stage. Overall ave. I.R. 37.5 bbls. per min. Instant shut down press. 2500 psi, Ten min. shut down pressure 2100 psi. Job complete 10:30 am., 12/24/71.
- 12/28/71 Unloaded, racked and run 183 jts. 1 1/4" O.D., 2.4#, JCN, 10R EUE tbq. T.E. 5867.39' set at 5879' R.K.B. Well kicked off through casing while running tbq. - flowing by heads - 100 gpm through casing for the night.

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

SIGNED Original signed by T. A. Dugan

TITLE

Br. Geol.

DATE

1/12/72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

JAN 13 1972

U. S. GEOLOGICAL SURVEY