

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**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 Form 9-331-C for such proposals.)

1. oil ☐ well    gas ☒ well    other ☐
2. NAME OF OPERATOR  
Jerome P. McHugh
3. ADDRESS OF OPERATOR  
Box 208, Farmington, NM 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
790' FNL - 1850' FEL  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## REQUEST FOR APPROVAL TO:

## SUBSEQUENT REPORT OF:

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

- ☒
- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
- ☐

5. LEASE  
NM 23033
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME  
Federal
9. WELL NO.  
#31
10. FIELD OR WILDCAT NAME  
Undesignated
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 3 T24N R2W
12. COUNTY OR PARISH  
Rio Arriba
13. STATE  
NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7235' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

See attached sheet.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Thomas A. Dugan TITLE Agent DATE 9-5-80

ACCEPTED FOR RECORD

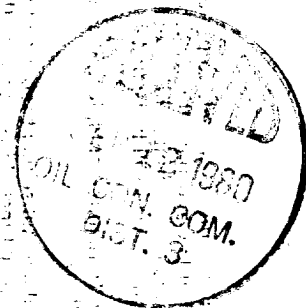
(This space for Federal or State office use)

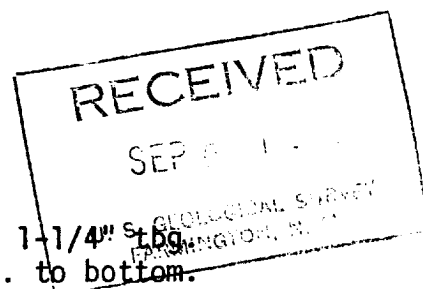
APPROVED BY SEP 11 1980 TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

BY BW FARMINGTON DISTRICT

NMOCC





DAILY REPORT CONT'D

- 8-27-80 Finished rig repairs. Started T.O.H. with 1-1/4" Tbg. Tbg. fell through slips and dropped 12 jts. to bottom. Picked up overshot and made trip on hole and recovered fish. Shut down over night.
- 8-28-80 Rig up Jetronics Inc. Set Baker Model "K" Cement retainer @ 3300'. Perforate Fruitland formation 3200 to 3207 w/ 2 shots per ft. Total 14 holes. Foam fraced well as follows:
- pad - 36bbbls H<sub>2</sub>O w/ 70% ada foam w/ 49644 scf-Nz
  - 5,000# 10-20 sand @ 1# per gal. w/ 36bbbls H<sub>2</sub>O w/ 70% ada foam w/ 49644 scf-Nz
  - 20,000# 10-20 sand @ 2# per gal. w/ 72 bbbls H<sub>2</sub>O w/ 70% ada foam w/ 99288 scf-Nz
  - Flush - 15 bbbls H<sub>2</sub>O w/ 70% ada foam w/ 20685 scf-Nz
  - Totals - 25,000# 10-20 sand
  - 40 gals. ada foam
  - 217,900 scf Nz
- Initial Breakdown 2400 psi - spearheaded 250 gals. 15% HCL
- min. treating press - 1650 psi
  - max. treating press - 1800 psi
  - ave. treating press - 1750 psi
- I.S.D.P. - 1500 psi - 15 min. shut dn. - 1300 psi  
Left well shut dn 1 hour - opened to atmosphere then 1/2" choke.
- 8-29-80 Well flowing very little - went in hole w/ tbg. tag sand about 3200'. Land tbg. at 3144'. Rig up swab tools. Swabbed well 2 hours fluid level about 1000' - well trying to flow - csg press 75 psi. Shut dn to build up over weekend.
- 9-2-80 Tbg - 600 psi Csg - 650 psi -- Opened well up; did not flow - start swabbing fluid level 1000' down - no show of gas - loosening csg press - 10 psi per run - Csg down to 525 psi - well kicked off - after flowing 2 hrs. csg. press 325 psi - appears to be nitrogen coming back - left well open.
- 9-3-80 Csg press 250 psi - well not flowing fluid level 1000' from top on 1st run - swabbed 1 hr - fluid level down to 900' from bottom - making 5 runs per hr from bottom. Well kicked off; flowed 1 hr - then died - made 2 runs; well kicked off again.