

6 - USGS

1 - McHugh

1 - File

Form 9-331  
Dec. 1973Form Approved.  
Budget Bureau No. 42-R1424UNITED 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

P O Box 208, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1080' FSL - 1600' FWL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

5. LEASE

N00 C 14-20-3624

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo Allotted

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chaco Plant

9. WELL NO.

#21

10. FIELD OR WILDCAT NAME

WAW Fruitland PC

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

Sec 13 T26N R12W

12. COUNTY OR PARISH

San Juan

13. STATE  
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6041'

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

REQUEST FOR APPROVAL TO:

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

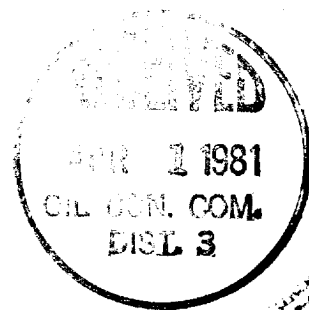
SUBSEQUENT REPORT OF:

☒ Remedial Work

(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 report for frac, 2-3-81.



ACCEPTED FOR RECORD

Set @ \_\_\_\_\_ Ft.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED

Thomas A. Dugan

TITLE

Agent

DATE

MAR 31 1981  
3-3-81

FARMINGTON DISTRICT

BY

RB

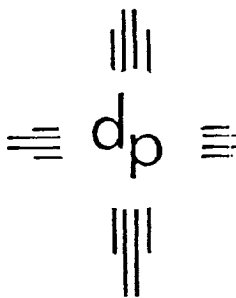
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

N00000



# dugan production corp.

JEROME P. McHUGH  
Chaco Plant #21  
1080' FSL - 1600' FWL  
Sec 13 T26N R12W  
San Juan County, NM

## DAILY REPORT

- 2-3-81 Rigged up the Western Co. Tested lines to 4000 psi. Pumped 25,000 SCF of N<sub>2</sub> ahead of 250 gals of inhibited 15% HCL and 6 bbls of water. Displaced to perfs w/ 4500 SCF of N<sub>2</sub>. Dropped 32 balls while pumping acid and water. No ball action noted. Max pressure 1700 psi, min 1000 psi, average 1500 pxi. IR 5 BPM. Blew water and acid back. Fraced Fruitland zones 1111-1115 and 1104-1108, 16 holes, w/ 70% quality foam. Placed 5000 gal pad of 70% quality foam w/ 1 ppg 10-20 sand and 1260 gals of 70% quality foam w/ 2 ppg 10-20 sand. Well sanded off w/ 5000# of 10-20 sand placed. Blew well back. Picked up load of water. Attempted to restart frac w/ 70% quality foam; formation would not take pad. Blew back coal. Placed 24,500 SCF of N<sub>2</sub> at 1800 psi. Blew back coal dust. Restart frac w/ 5000 gals of 70% quality foam. Blender truck broke down. Blew well down, shut in for night.
- 2-4-81 Well head pressure 500 psi. Attempt to restart frac w/ 70% quality foam; formation would not take pad. Shut down at 3500 psi. Blew well back, well making coal. Attempt to restart frac 5 times w/ 60,000 SCF of N<sub>2</sub>; formation would not take pad; shut down at 4500 psi. Rigged down the Western Co. Rigged up FWS swabbing unit. Tagged sand at 1045. Swabbed well; well unloaded sand and coal. Well flowing to atmosphere thru 5/8" choke.
- 2-5-81 Swabbed well down, Well making small amount of gas. Tagged sand with sinker barat 1110. Landed 33 jts, 1 1/4" OD, 2.4#/ft, V-55, 10R, EUE used tubing w/ cross pin on bottom. Tagged sand at 1084. T.E. 1078.66 set at 1076' GL. Well dead while running tubing. Nipped up well head. Swabbing well.
- 2-7-81 Rigged up FWS swabbing unit. Rigged up Cementers Inc. and attempted to wash coal from well bore. Washed 7' of coal from well bore, used 140 bbls of water. Shut down until Monday.