

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ 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.)

1100' FSL - 1100' 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) ☐

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5. LEASE Contract #120
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Jicarilla
9. WELL NO. #4E
10. FIELD OR WILDCAT NAME Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 31 T26N R4W
12. COUNTY OR PARISH Rio Arriba
13. STATE NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) 6783' 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 Sheets



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED J. H. Pugh TITLE Agent DATE 8-27-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

ACCEPTED FOR RECORD

SEP 02 1980

*See Instructions on Reverse Side

BY BW FARMINGTON DISTRICT

- 8-21-80 Unload rack & tally - 1-1/2" tbg. - TIH with 3-7/8" bit, tagged cement @ 3380' - drilled top stage tool and circulated hole clean. Shut down for night.
- 8-22-80 TIH w/1-1/2" tbg. to bottom stage tool @ 5680' (had problems w/ remains of stage tool) - drilled stage tool and ran tbg. to PBTD 7660' drilled 14' to 7674'. Installed B.O.P. and circulated hole clean. Rigged up Western Co. and press. tested B.O.P. and csg. to 4000 psi B.K. Spotted 300 gel, 10% acetic acid - start T.O.H. w/tbg - shut down for week-end.

- 8-25-80 Finished pulling tbg. and rigged up Jetronics.
Ran GR-CCL from PBTD of 7691' to 7300'. Rigged up and perf. the following:

7492, 94, 96, 98, 7500, 7502
7607, 09, 11, 13, 18, 20, 22
7647, 49, 51, 53, 55, 57, 59, 63, 65

22 holes total

Rigged up The Western Co. & broke down zone w/2300 psi. 12 bbls. @ 15% HCL. Acid was pumped with 40 RCN ball throughout. Total ball off @ 4300 psi & good ball action.

Jetronics ran junk basket to T.D. and recovered 37 balls.

Rigged up The Western Co. & fraced as follows:

8,000 gal. - Mini-Max III 30 - Pad
20,000 gal - Mini-Max III 30 - w/1# 20-40 sand per gal.
20,000 gal - Mini-Max III 30 - w/1-1/2# 20-40 sand per gal.
15,000 gal - Mini-Max III 30 - w/2# 20-40 sand per gal.
10,000 gal - Mini-Max III 30 - w/2# 10-20 sand per gal.
5,460 gal - Flush (Fresh H₂O)

All Mini-Max III fluid was treated w/2% Hydrocarbon.
Total used:

80,000 - # 20-40 sand
20,000 - # 10-20 sand
44 - # B-5 (Breaker)
1,500 gal Hydrocarbon (from Jicarilla # 7)
716 gal. Aquaflo
2,523 - HHP

Max T.P. 3,600 psi & 37 bbl/min
Aug T.P. 2,900 psi & 35.5 bbl/min
Min T.P. 2,800 psi & 34 bbl/min

ISDP - 1700 psi
SI in 15 min. - 1500 psi

Shut well in for the night.

- 8-26-80 Opened well to atmosphere, ran 236 jts, 1-1/2" O.D., 2.9#, V-55 10 RD, E.U.E. tbg. 7618.07' set @ 7630' RKB (tagged sand - below all perf.) Nippled down B.O.P. and installed X-Mas tree - well kicked off while running tbg. - pumped own pump out plug. Rigged down P.U. and moved to Jicarilla #7E.