

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.)
AT SURFACE: 990' FNL - 1850' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

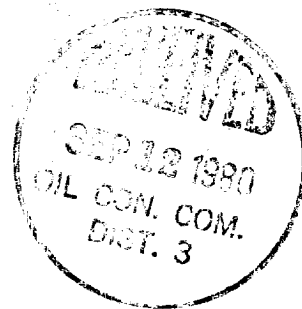
REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) _____

SUBSEQUENT REPORT OF:
☒ frac treatment

(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.



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

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

SIGNED Jerome P. McHugh TITLE Agent DATE 9-4-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

ACCEPTED FOR RECORD IF ANY:

SEP 11 1980

*See Instructions on Reverse Side

BY Ba FARMINGTON DISTRICT

10000

Jerome P. McHugh
Jicarilla #7E
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8-29-80 Installed B.O.P. and circulating bottom of hole for 2 hours.
Rigged up Smith Energy and pressure testor to 4000 psi; held
okay; spotted 300 gal. of 7½% HCl acid. P.O.H. S.D.O.N.

8-30-80 Rigged up Jetronics and ran GR-CCL from PBTD of 7729' to 7300'.
Perforated the following with 3-1/8" hollow carrian guns:

7532, 34, 36, 38, 40	5H
7605, 07, 09	3H
7641, 43, 45, 47, 49, 51, 53	7H
7678, 80, 82, 84, 86	5H

Total 20 Holes

3 hours later Smith Energy Rigged up and Balled off with 500
gal. of 15% HCl acid. 37 RCN balls were injected in the acid
with good ball action.

All acid was pumped away.

Jetronics ran junk basket to PBTD and recovered 37 balls.
(20 hits and 17 misses)

Shut well in.

(Smith Energy did not have the equipment to frac today, so job
was set for Tuesday 9-2-80.)

8-31-80 Shut down - Sunday

9-1-80 Shut down - Labor Day

9-2-80 Rigged up Smith Energy and started frac as follows:

8,000 Gal.	30# gel	Pad
20,000 Gal.	30# gel	with 1#/gal. 20-40 sand
20,000 Gal.	30# gel	with 1-1/2#/gal. 20-40 sand
15,000 Gal.	30# gel	with 2#/gal. 20-40 sand
10,000 Gal.	30# gel	with 2#/gal. 10-20 sand
5,250 Gal.		Fresh water flush

Gelled fluid container 2% hydrocarbon phase

Total - 80,000# 20-40 sand
20,000# 10-20 sand
1550 gal. hydrocarbon (from Jicarilla #7)
55# WEB-1 (Breaker)
25# WCB-1 (Breaker)
2353 HHP

Max. 4000 psi & 33bbl/min.
Aug. 3200 psi & 33 bbl/min.
Min. 3000 psi & 23 bbl/min.

I.S.D.P. - 2400 psi
S.I. after 15 min. 2000 psi

Jerome P. McHugh
Jicarilla #7E
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9-3-80 Opened well up which flowed throughout the day. Ran 1½", 2.9# V-55, EUE tbg to 7690' and tagged up. Landed 237 jts of 1½" tbg in 2-3/8" donut @ 7673' (KB). Rigged down B.O.P. and installed tree. Rigged up pump and pumped out plug. Rigged down unit.