

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: 1600' FNL - 1650' 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:

☐
☒
☐
☐
☐
☐
☐
☐
☐

5. LEASE

Contract #120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla

9. WELL NO.

#3E

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 13. STATE

Rio Arriba NM

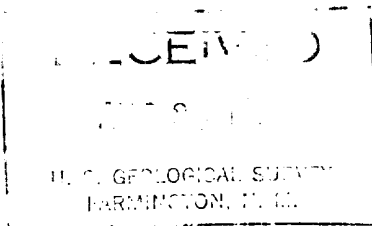
14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6710' 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 for completion



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

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

SIGNED FOR RECORD

TITLE Agent

DATE 8-27-80

(This space for Federal or State office use)

SEP 02 1980

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:
FARMINGTON DISTRICT

BY

BW

- 8-14-80 Move in MTK pulling unit. Rig up and go in hole w/1-1/2" tbg. to 3334'. Rig up power sub and swivel, pump and pit.
- 8-15-80 Drlg. top D.V. Tool @ 3334'. Go in hole w/tbg. - Tap bottom D.V. Tool @ 5694'. Drlg. same.
- 8-16-80 Finished drilling 2nd stage tool - picked up 1-1/2" tbg. tagged plug back T.D. @ 7590'. Install B.O.P. Circulated hole w/clear wtr. Smith Energy pressure tested csg. and B.O.P. to 4000 psi - held okay. Spotted 300 gals. 7-1/2% HCl acid - P.O.H. with tbg.
- 8-18-80 Rigged up Jetronics & ran GR-CCL logs from P.B.T.D. at 7608' Went in hole w/3-1/8" hollow carrier guns and perf. the following:
- 7413, 15, 17, 19, 21, & 23 (6H)
7528, 30, 32, 34, 38, 40, & 42 (7H)
7565, 67, 71, 73, 75, 77, 79, 81, 83, & 85 (10H)
Total - 23 holes
- Rigged up Smith Energy Services & broke down with 500 gal. at 15% HCl acid & 40 RCN frac balls. Total ball off @ 4100 psi with good ball action.
- Ran junk basket & recovered 37 RCN balls & jack. (24 hits and 13 no score)
- Rigged up Smith Energy & pumped the following:
- | | | |
|-------------|------------------------------|----------------------|
| 8,000 gal. | 30# Gal. | pad |
| 20,000 gal. | 30# gal. | w/1#/gal - 20-40 |
| 20,000 gal. | 30# gal. | w/1-1/2#/gal - 20-40 |
| 15,000 gal. | 30# gal. | w/2#/gal. - 20-40 |
| 10,000 gal. | 30# gal. | w/2#/gal. - 10-20 |
| 5,250 gal. | Fresh H ₂ O Flush | |
- Fluid had 2% Hydrocarbon phase from Jicarilla #3.
Total: 100,000# sand
36 bbls Hydrocarbon
- 80 gal. SAA-1 (Surtalants)
35# WEB-1 (Breaker)
20# WCB-1 (Breaker)
- Max. 3200 psi & 35 bbl/min
Aug. 3000 psi & 32 bbl/min
Min. 2900 psi & 22 bbl/min
- I.S.D.P. 2200 psi
S.I. @ 15 min 1950 psi
- Smith did a good job.
- Shut well in for the night.
- 8-19-80 Open well up to pit trying to blow it down.
- After 3 hrs. a test was run on 2" flow line showing 80 psig.
(9,010,000 cu. ft./day)
- Shut rig down & left well blowing to pit.
- 8-20-80 Well guaged 2000 MCF GPD at 9:00 AM after blowing to atmosphere for 24 hrs. Ran 1-1/2" tbg. tagged send @ 7581' - landed 233 jnts - 1-1/2" O.D., 2.9#, V-55, 10 RD E.U.E. tbg. - T.E. 75 43.21' - set @ 7554' RKB - Nippled down B.O.P. and installed X-mas trees - pumped out plug and shut well up.