

5 MMS, Fmn

1 McHugh

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1 File

Form Approved.
Budget Bureau No. 42-R1424

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
P O Box 208, Farmington, NM 87401

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

AT SURFACE: 2000' FSL - 1660' 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:

☐
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RECEIVED

MAY 26 1982

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

5. LEASE
NM 41721

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Gallo White

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Undesignated Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 14 T23N R6W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6809' 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 reverse for report of perfs, acid & frac 5-14 tubing 5-15-82.

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

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

SIGNED Thomas A. Dugan

TITLE Petroleum Engineer DATE 5-25-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

JUN 15 1982

FARMINGTON DISTRICT

BY 623

DAILY REPORT

5-12-82 MI & RU MTK Rig #2. Unload tbg. Set drlg. equipment. Nipple up BOP. G.I.H. with tbg. and 3-7/8" bit. Ran 120 jts. Shut down - bad weather.

5-13-82 (Clean out to PBTD. Prep to pull tubing, perf & frac.)
Shut down 4 hours. Slip repair. Went in hole to D.V. tool at 4525'. Repaired swivel. Drlg. D.V. tool. G.I.H. with tubing to 5430'. Drlg. out cement and junk to ±5533'.

5-14-82 T.O.H. with tubing. Rig up Geosource. Ran GR-CCL from PBTD 5537' to 5100'; 1500' to surface.

Perforate Gallup Formation 5194-5202 (4 holes), 5302-12 (10 holes), 5400-10 (5 holes), 5434-50 (16 holes), 5474-82 (4 holes), 5508-14 (3 holes), 5516-24 (4 holes); perforate 5214-24 (10 holes) out of zone. Total 56 holes.

Rig up Smith Energy. Break formation with water at 2800 psi. Acidize with 500 gal 15% HCL. Dropped 70 ball sealers. Had some good ball action. Did not ball off. ISDP 800 psi. Ran 4½" junk basket. Retrieved 68 balls (39 hits).

Fraced Gallup Formation as follows:

5,000 gal slickwater - pad
28,250 gal slickwater + 1#/gal 20-40 sand
31,146 gal slickwater + 1½#/gal 20-40 sand
3,444 gal slickwater - flush

ISDP 900 psi 15 min shut-in 800 psi
Max treating pressure 2900 psi
Min treating pressure 1400 psi
Ave treating pressure 1700 psi at 40 BPM

Totals: 75,000# 20-40 sand
67,858 gal slickwater

Shut well in over night.

5-15-82 Well flowing back. Went in hole with tubing. Tag sand at 5525'. Landed tubing as follows: 179 jts. 2-3/8" O.D., 4.7#, J-55, 8Rd, EUE tubing. T.E. 5462.23' set at 5470' RKB with seating nipple at 5440' RKB. Nipple down BOP; Nipple up well head. Pumped out tubing plug. Shut casing in. Well flowing thru tubing. Left open over night. Rig down MTK Rig #2.

5-16-82 Tubing 0 Casing 70 psi. Shut in.