

5 - USGS (Farmington)

1 - McHugh

1 - Kenai O&G

1 - File

Form 9-331
Dec. 1973Form 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: 1650' FSL - 790' 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:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other)		

5. LEASE
NM 23032
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Federal
9. WELL NO.
#43
10. FIELD OR WILDCAT NAME
Gavilan Pictured Cliffs
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 2 T24N R2W
12. COUNTY OR PARISH 13. STATE
Rio Arriba NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
7285' 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 sheet, 9-19-80, for perms.

See attached sheet, 9-20-80, for acid/frac.

See attached sheet, 9-24-80, for tubing.



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

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

SIGNED Thomas A. Dugan TITLE Agent DATE 11-13-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

DAILY REPORT CONT'D

- 6-5-80 Arrived on location to find well blowing hard and still foaming but no sand.
- Opened well thru 2" and waited for well to blow down.
- After 3 hrs well was still blowing so started in hole w/1-1/4" EUE tbg and tbg disc.
- Ran 102 jts 1-1/4" EUE 2.2# tbg set @ 3370' KB. Tagged sand @ 3391'. Set tbg in 2-3/8" donut and installed wellhead valve.
- Rigged up and busted disc. Shut csg in and tbg started gassing with 80 psi on csg. Shut well in for the night.
- 6-9-80 Moved in FWS swabbing unit. Csg pressure 600, Tbg pressure 50. Swabbed well 4 hrs. Moving mostly foam. Well showing small amount of gas. Csg pressure at end of day 640 psi. Did not kick off.
- 6-10-80 Swabbed well 9 hrs. Show of gas with wtr. Kicked off swab, but well did not kick off. Csg pressure @ start of day 670 psi and at end of day 720 psi. Unable to swab fluid level below 2000'.
- 6-11-80 Swabbed well 6 hrs. Show of gas but well will not kick off. Csg pressure at start of day 730 psi. Came around and flowed 30 minutes and died. Cst pressure at end of day 675 psi. Unable to lower fluid level below 2000'. Making estimated 50-75 bbls water per day. Rigged swabbing unit down to move to Fed #31/
- 9-19-80 POOH w/ 1 1/4" tbg - Rig up Jetronics. Made 2 gun runs w/ 3-1/8" hollow carrier and perf 2612 to 2622; 2394-2404 - 1 shot per ft., total 20 holes. Ran 2-3/8" tbg. w/ Baker retrievable bridge plug set @ 2673 - full bore packer @ 2574'.
- 9-20-80 Treated perfs (2612-2622) w/ 250 gals 15% HCL flushed to perfs w/ fresh water. Initial breakdown 1800 psi - treating press 1100 psi @ 3.8 bbls/min. ISDP-400 psi - moved bridge plug and packer up hole - set in wrong place - unset bridge plug - couldn't reset. Pushed to bottom - tbg had parted - screwed into tbg - pull up hole - set bridge plug @ 2478'; set packer @ 2380. Treated w/ 250 gals 15% HCL flushed to perfs w/ water - initial breakdown 1200 psi - treating press 1200 @ 4.2 bbl/min ISDP - 200 psi swab. Well kicked off after 2nd run. Left flowing over night.
- 9-21-80 Well dead - well had flowed back considerable amt of water.
- 9-22-80 Move bridge plug down to 2673' and pack to 2574'. Swab perfs 2612-22' - fluid level staying about 1100' down. couldn't lower fluid level - small show of gas in front

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- 9-22-80 of fluid - making 4 runs per hour. Move bridge plug up
(Cont.) hole to 2478' - packer to 2380'. Swab perfs 2394 to 2404'.
Fluid level staying 1000' down. Couldn't lower fluid level
making 4 runs per hr. - small show of gas in front of
fluid. Shut well in.
- 9-23-80 Tbg "0" psi - swabbing - making 5 runs per hour fluid
level staying about 1000' down. Unable to lower fluid
- small show of gas in front of fluid.
- 9-24-80 Reset bridge plug and packer - swabbing - fluid staying
1000' down - unable to lower fluid. Small show of gas in
front of fluid. Came out of hole w/ 2-3/8" tbg and Baker
tools. Went in hole w/ 1-1/4" rig down B.O.P. Shut
well in.