

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  
J. P. MC HUGH

3. ADDRESS OF OPERATOR  
P.O. Box 208 Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1710' FNL - 1120' FEL  
AT TOP PROD. INTERVAL: N/A  
AT TOTAL DEPTH: N/A

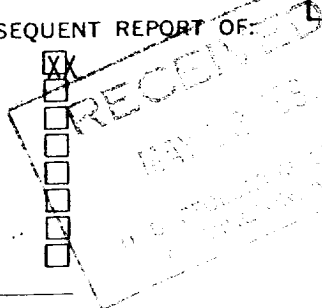
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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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(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, 5-13-81, for setting and cementing of 4½" csg.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

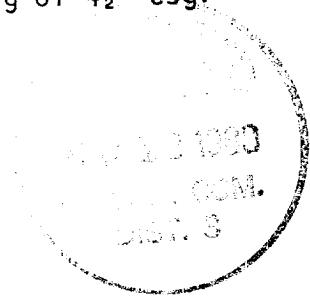
SIGNED Thomas A. Dugan TITLE Agent DATE 5-15-81

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

WMOCC

\*See Instructions on Reverse Side



JEROME P. McHUGH  
Apache #3E  
Page #4

5-11-81 8185' - Drilling Wt. 9.1 Vis 63 W.L. 7.4 10% LCM

21 hrs - drilling  
2-1/4 hrs - reaming and drilling thru fracture  
3/4 hr - rig service

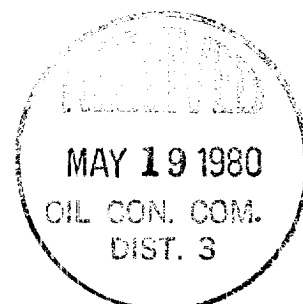
5-12-81 8197' - Circ.

8 hrs - trips  
1 hr - drilling  
1/4 hr - rig service  
4-3/4 hrs - circ.  
9-1/2 hrs - logging  
1/2 hr - wash to btm.

Ran IES & CDL logs by Welox. Trip in hole and circ. Prep to lay down drill pipe.

5-13-81 Rigging down rotary tools

1-1/4 hrs - circ.  
5-1/4 hrs - lay down D.P.  
1/2 hr - rig up csg. crew  
5-1/4 hrs - run csg.  
3/4 hr - rig up cementers & circ.  
1 hr - cement first stage



P.O.B. at 8:00 p.m. Opened stage tool and circ. 3 hrs.  
Cemented 2nd stage. 1 hr. P.O.B. at 12:00 midnight.  
Circ. 2 hrs. Cement 3rd stage 1 hr. P.O.B. at 3:00 a.m.  
Set slips & cut off csg.  
2 hrs - nipple down & prep to move.

Ran 35 jts. 4 1/2" OD, 11.6# K-55, 8 Rd, ST&C csg. and 166 jts.  
4 1/2" OD, 10.5#, 8 Rd, ST&C csg. T.E. 8208.73' set at 8197'  
RKB. Cemented first stage w/ 10 bbls mud flush followed by 200  
sx class "B" 8% gel followed by 150 sx class "B" w/ 7 1/2# salt  
per sk. (Total slurry 565.5 cu.ft.) Good mud returns while  
cementing. Reciprocated csg. OK while cementing. Maximum  
cementing pressure 600 psi. Bumped plug w/ 1200 psi. Float  
held OK. POB at 8:00 p.m. 5-12-81. Opened stage tool at 6100'.  
Circulated three hrs w/ rig pump. Cemented second stage w/ 10  
bbls. mud flush followed by 250 sx 65-35 plus 12% gel & 1/4# flocele  
per sk. followed by 50 sx class "B" neat w/ 1/4# flocele per sk.  
(Total cement slurry 714 cu.ft.). Good circ. throughout job.

(Cont.)

JEROME P. McHUGH  
Apache #3E  
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5-13-81 Closed stage tool w/ 2000 psi. Held OK. P.O.B. at 12:00  
(cont.) midnight. Opened stage tool at 3816'. Circ. 2 hrs w/ rig pump.  
Cemented 3rd stage w/ 10 bbls mud flush followed by 400 sx 65-35  
plus 12% gel # 1# flocele per sk followed by 50 sx class "B"  
w/ 1# flocele per sk. (Total cement slurry 1107 cu.ft.)  
Good mud returns throughout job. Maximum cementing pressure  
900 psi. Closed stage tool w/ 2500 psi. Held OK. Estimated  
cement top 600'. Job complete at 3:00 a.m. 5-13-81. Set 4½"  
csg. slips. Cut off csg. and released rig at 5:00 a.m. 5-13-81.