

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 ☐ gas ☒ other

2. NAME OF OPERATOR
Robert L. Bayless

3. ADDRESS OF OPERATOR
P.O. Box 1541, Farmington, NM 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1810' FSL & 1100' FEL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

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
AUG 18 1983
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Report results of multiple completion or zone change on Form 9-330.

SEP 2 1983

CON. DIV.
DIST. 3

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.

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

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

SIGNED Robert L. Bayless TITLE Operator DATE August 18, 1983

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

SEP 01 1983

*See Instructions on Reverse Side

NMOCC

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO
BY Sm

08-18-83

Tripped in hole with tension packer on 1 1/2" tubing. Set packer @ 5916'. Pressure tested packer to 3500 psi. Held OK for 5 minutes. Reset packer @ 6035'. Rigged up Smith Energy Services. Broke down lower Dakota perfs @ 2100 psi. Established rate of 4.0 BPM @ 3300 psi, down tubing ISIP = 550 psi. Acidized down tubing with 500 gallons of 7 1/2% D.I. weighted HCL acid containing 45 l.s.g. RCN ball sealers 2.5 BPM @ 2150 psi. Good ball action throughout job. Balled off casing to 3500 psi. No communication seen between perfs. Rigged up to casing-tubing annulus. Broke down upper Dakota perforations @ 1100 psi. Established rate of 10 BPM @ 1500 psi (down annulus), ISIP = 600 psi. Acidized down annulus with 500 gallons of 7 1/2% D.I. acid. 8.0 BPM @ 1100 psi - ISIP = 500 psi. Saw small pressure break when acid hit formation. Tripped packer to 6142 (below perforations) to knock off any remaining ball sealers. Rigged up the Western Co. nitrogen. Blew fluid out of casing with nitrogen. Tripped tubing and packer out of hole. Fracture stimulated the Dakota interval with 84,000 gallons of 75 quality foam containing 1% KCL water, 1 gal/1000 surfactant, and 1/2 gal/1000 clay stabilization agent. Total sand: 155,000 lbs, 122,000 lbs of 20-40, 33,000 lbs of 10-20.

17,000 gal 75 quality foam pad	30 BPM @ 3200 psi
15,000 gal at 1 ppg 20-40 sand	30 BPM @ 3250 psi
16,000 gal at 2 ppg 20-40 sand	30 BPM @ 3350 psi
25,000 gal at 3 ppg 20-40 sand	30 BPM @ 3600 psi
11,000 gal at 3 ppg 10-20 sand	30 BPM @ 3700 psi
3,896 gal foam flush	30 BPM @ 3600 psi

ISIP = 2950 psi, decreasing to 2750 psi after 15 minutes. Average rate 30 BPM, average pressure 3500 psi. Maximum pressure 3700 psi. Minimum pressure 3200 psi. Average nitrogen rate 26,100 SCF/min. Total nitrogen pumped 1,787,148 SCF. Total fluid to recover (acid job & frac) 659 bbls. Shut in well for 2 hours to allow fracture to heal. Opened up well to the atmosphere through a 1/2" tap bullding. Switched flow to frac tank. Well flowing to frac tank to clean up. SDFN.