

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
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: 1750' FNL & 1030' 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
APR 20 1983

(NOTE: Report results of multiple completion or zone change on Form 9-330.)
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

RECEIVED
APR 25 1983

OIL 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.)*

4-18 Rigged up Western Company. Spotted 250 gals. 7 1/2% HCL acid over perforation interval. Broke down perfs immediately. Trip tubing out of hole. Trip in hole with tension packer & set @ 6293'. Pressure tested bridge plug to 4500 psi, held OK. Moved packer to 6097'. Pressure tested casing to 4500 psi, held OK. Reset packer at 6194'. Established rate down annulus of 5.8 BPM @ 1000 psi, ISIP = 500 psi, no communication seen. Established rate down tubing of 3.5 BPM @ 3700 psi, ISIP = 500 psi. Communication seen with upper set of perfs. Reset packer @ 5938'. Established rate of 3.8 BPM @ 3650 psi, ISIP = 500 PSI. Acidized down tubing with 1000 gallons weighted 15% HCL with 62 1.1 s.g. RCN ball sealers. 3.8 BPM @ 3500 PSI. Saw good ball action. Balled off perfs to 4500 psi. Bled back pressure and flushed remaining 2 bbls of acid in formation. Moved packer to 6293'. Unloaded casing with nitrogen. Tripped tubing and packer out of hole. Frac stimulated Dakota interval with 64,000 gallons

(continued on reverse)

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

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

SIGNED _____ TITLE Operator DATE April 20, 1983

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD

APR 21 1983

*See Instructions on Reverse Side

NMOCC

FARMINGTON DISTRICT
CY _____

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

(cont.)

4-18

of 75 quality foam containing 94,000 lbs 20/40 sand and 21,000 lbs 10/20 sand as follows:

13,000 gal pad	30 BPM @ 3300 PSI
9,000 gal with 1 ppg 20/40 sand	30 BPM @ 3400 PSI
20,000 gal with 2 ppg 20/40 sand	30 BPM @ 3500 PSI
15,000 gal with 3 ppg 20/40 sand	30 BPM @ 3850 PSI
7,000 gal with 3 ppg 10/20 sand	30 BPM @ 3800 PSI
3993 gal flush with 75 quality foam	30 BPM @ 3800 PSI

ISIP = 2900 psi, decreasing to 2600 psi after 15 minutes.

Final nitrogen injection rate 27,945 scf/min., total nitrogen pumped 1,460,409 scf. Total fluid load to recover 510 bbls. Shut well in for 2 hours. Opened well through a 12/64" choke for 15 minutes. Well was not making sand. Opened choke to 24/64". Watched well for 1-3/4 hours. Well was making very small amount of sand.

SDFN.

4-19

Well flowing to pit through 24/64" choke for 10 hours. Well didn't return very much sand and had visible signs of oil on the pit. Opened to 2" flow to relieve 300 psi backpressure. Pressure dropped to 250 psi and leveled off. Heavy flow of gas & water to the pit. Choked flow to 1/2" choke and let well flow to pit for the remainder of day.

SDFN.