

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
SF-078213

6. If Indian, Allottee or Tribe Name

7. Unit or CA. Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Robert L. Bayless, Producer LLC

3. Address and Telephone No.
PO Box 168 Farmington, NM 87499 (505)326-2659

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Section 25, T30N, R13W 1765 FNL & 1765 FNL

Well Name and No.
ARNIE #3

Well No.
50-045-29688

10. Field and Pool, or Exploratory Area
FULCHER KUTZ PC EXT

11. County or Parish, State
San Juan, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other completion

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all 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.)*

Please see attached completion report.

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

Signed

Kevin H. McCord

Title Petroleum Engineer

Date November 4, 1998

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any manner within its jurisdiction.

*See Instruction on Reverse Side

ACCEPTED FOR RECORD

NOV 19 1998

FARMINGTON DISTRICT OFFICE

BY

WOOD

ROBERT L. BAYLESS
ARNIE #3
1765 FNL & 1765 FEL (SWNE)
SECTION 25, T30N, R13W
SAN JUAN COUNTY, NEW MEXICO

COMPLETION REPORT

10-27-98 Rigged up Dowell. Pressure tested casing to 3000 psi, held OK. Rigged up Blue Jet Wireline services. Ran GR-CLL from 1998 ft RKB (corrected PBTD) to 1500 ft (GR log quit working). Perforated the Pictured Cliffs interval with 3 1/8" casing gun at 2 JSPF as follows:

1843 - 1857 ft 14 ft 29 holes .34" diameter

Broke down perforations at 1800 psi. Established an injection rate of 6.2 BPM @ 720 psi, ISIP = 400 psi (FG = 0.65). Acidized the Pictured Cliffs interval with 500 gallons of 7.5% DI weighted HCL acid containing 44 1.1 sg RCN ball sealers at 6.4 BPM @ 600 psi. Balled off casing to 3000 psi. Surged balls off perforations. Final injection rate was 6.2 BPM @ 550 psi, 350 psi ISIP. Ran junk basket in hole on wireline and recovered 44 ball sealers. Fracture stimulated the Pictured Cliffs formation with 19,000 gallons of 70 quality foam using 30# X-linked borate gelled fluid containing 52,000 lbs of 16-30 mesh Arizona sand as follows:

4,000 gals of 70 qual foam pad	15 BPM @ 1100 psi
5,000 gals of 70 qual foam with 2 ppg 16-30 sand	15 BPM @ 1100 psi
8,000 gals of 70 qual foam with 4 ppg 16-30 sand	15 BPM @ 1050 psi
2,000 gals of 70 qual foam with 5 ppg 16-30 sand	15 BPM @ 1000 psi
1,190 gals of 70 qual foam flush	15 BPM @ 1050 psi

ISIP = 1020 psi decreasing to 970 psi after 15 minutes. All water contained 2% KCL, 1/2 gal/1000 clay stabilization agent, and bacteriacide. Sand contained multiple radioactive tracer material as follows: 3 mc Sb-124 in 2 ppg sand stage, 13 mc Ir-192 in 4 ppg sand stage, 3 mc Sc-46 in 5 ppg sand stage. Average rate 15 BPM, average pressure 1050 psi, maximum pressure 1150 psi, minimum pressure 1000 psi, average nitrogen rate 4,400 scfm, total nitrogen pumped 162,700 scf. Total fluid to recover 220 bbls. Shut well in for 3 hours. Blow well back to a flowback tank through a 1/4" inline choke. Well flowing to cleanup with drywatch. Shut down for the night.

10-28-98 Well flowed foamy water with some sand and died after 6 1/2 hours of flow after frac. Recovered approximately 14 barrels of water in flowback tank. Shut in well and wait on completion rig.

10-29-98 to 11-1-98 Wait on completion rig.

11-2-98 Move in and rig up JC Well Service completion rig. Nipple up wellhead and BOP. Pick up 2 3/8" tubing and tag sand fill at 1815 ft RKB (28 ft of sand above top perforation). Circulated 41 ft of sand and lost circulation at 1856 ft (in perforations). Tripped out of hole with tubing.

11-3-98 Trip in hole with Mountain States Oil Tools sand pump on tubing. Cleaned out 142 ft of sand from hole to PBTD of 1998 ft using sand pump. Tripped tubing and sand pump out of hole. Tripped in hole with tubing and landed as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	3.00	0-3
58 jts of 2 3/8" 4.7#/ft J55		
EUE yellow band tubing	1825.61	3-1829
1 seating nipple	1.10	1829-1830
1 jt of 2 3/8" tubing	<u>32.48</u>	1830-1862
	1862.19	

Nipple down BOP and nipple up wellhead. Released rig.