

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

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)

865 FSL & 1065 FEL
SECTION 7, T30N, R12W

7. If Unit or CA, Agreement Designation

8. Well Name and No.

FLOYD #2

9. API Well No.

30-045-29505

10. Field and Pool, or Exploratory Area

FULCHER KUTZ PC

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

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ 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 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.)*

PLEASE SEE ATTACHED COMPLETION REPORT.

RECEIVED
FEB 10 1998

OIL CON. DIV.
DIST. 3

ACCEPTED FOR RECORD

FEB 09 1998

FARMINGTON DISTRICT OFFICE

BY

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

Signed [Signature] Title PETROLEUM ENGINEER Date 2/2/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

ROBERT L. BAYLESS
FLOYD #2
867 FSL & 1065 FEL (SESE)
SECTION 7, T30N, R12W
SAN JUAN COUNTY, NEW MEXICO

COMPLETION REPORT

- 1-26-98 Rigged up BJ Services. Pressure tested casing to 3000 psi, held OK. Rigged up Blue Jet Wireline services. Tried to run GR-CLL, could only get to 1990 ft RKB (not deep enough). Released wireline and frac crew. SDFN.
- 1-27-98 Moved in and rigged up JC Well Service completion rig. Nipple up wellhead. Nipple up BOP. Pick up bit and 2 3/8" tubing. Tagged cement in casing at 1990 ft RKB. Drilled 117 ft of cement to 2107 ft. SDFN.
- 1-28-98 Drilled 26 feet of cement to 2133 ft RKB. Circulated hole with 2% KCl water. Tripped tubing and bit out of hole. Rigged up BJ Services. Pressure tested casing to 3000 psi, held OK. Rigged up Blue Jet Wireline Services. Ran GR-CLL from 2136 ft RKB (corrected PBTD) to 1650 ft RKB. Perforated the Pictured Cliffs interval with 3 1/8" casing gun at 4 JSPF as follows:

2070 - 2082 ft 12 ft 48 holes .34" diameter

Broke down perforations at 1200 psi. Established an injection rate of 8.7 BPM @ 700 psi, ISIP = 400 psi (FG = 0.63). Acidized the Pictured Cliffs interval with 500 gallons of 7.5% DI weighted HCL acid containing 72 1.1 sg RCN ball sealers. Acid rate was 6.2 BPM @ 575 psi. Saw some acid and ball action. Balled off casing to 3500 psi. Surged balls off casing. Final injection rate was 6.1 BPM @ 500 psi, ISIP = 350 psi (FG = 0.60). Ran junk basket in hole on wireline and recovered 55 ball sealers. Fracture stimulated the Pictured Cliffs formation with 26,500 gallons of 70 quality foam using 30# X-linked borate gelled fluid containing 80,000 lbs. of 20-40 mesh sand as follows:

4,000 gals 70 qual foam pad	15 BPM @ 1200 psi
5,000 gals 70 qual foam with 0-4 ppg (ramped) 20-40 sand	15 BPM @ 1250 psi
17,500 gals 70 qual foam with 4 ppg 20-40 sand	15 BPM @ 1200-1250 psi
1,300 gals 70 qual foam flush	15 BPM @ 1150 psi

ISIP = 950 psi decreasing to 900 psi after 15 minutes. All water contained 2% KCL, 1/2 gal/1000 clay stabilization agent, bacteriacide, and radioactive tagging material in the sand. Average rate 15 BPM, average pressure 1250 psi, maximum pressure 1300 psi, minimum pressure 1150 psi, average nitrogen rate 4,600 scfm, total nitrogen pumped 230,000 scf. Total fluid to recover 198 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.

- 1/29/98 Well flowed foamy water and sand for 12 hours after frac. Well was still flowing with 35 psi through a 1/4" choke this morning. Opened well through 2" tubing to pit to blow down, well kept unloading. Killed well with 40 barrels of water. Tripped in hole with sand pump on tubing. Tagged sand fill at 2096 ft (14 ft below perforations). Cleaned out 37 ft of sand to PBTD. 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
68 jts of 2 3/8" 4.7#/ft WC50		
EUE new tubing	2046.60	3-2050
1 seating nipple	1.10	2050-2051
1 jt of 2 3/8" tubing	29.15	2051-2080
	2079.85	

Nipple down BOP. Nipple up wellhead. Rigged to swab. Made 20 swab runs, building annulus pressure to 150 psi. The well was making water and the fluid level was staying constant at 1000 ft after each run. Shut well in and shut down for the night.

- 1/30/98 Overnight pressures: annulus 220 psi, tubing 50 psi. Blew down tubing. Rigged to swab. Made 42 swab runs and well kicked off flowing gas and water after annulus pressure built to 400 psi. Well did not flow very strong. Made 9 more swab runs with well flowing intermittently. Fluid level stayed pretty constant at 1000 ft. Attempted to flare gas, gas would not burn. Shut down rig for the weekend. Left well flowing through 1/2" orifice with 330 psi annulus pressure.
- 1/31/98 Well dead this morning with 440 psi annulus pressure. Shut well in.
- 2/1/98 Shut down, Sunday.
- 2/2/98 Shut in pressures: annulus 485 psi, tubing 120 psi. Blew down tubing, well did not flow. Rigged to swab. Made 2 swab runs and well kicked off flowing gas and water. Attempted to flare gas, gas would burn, then go out (not caused by water). Rig down completion unit and released. Left well flowing to cleanup.