

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

RECEIVED
AUG 20 1998
OIL CON. DIV.
DIST. 3

5. Lease Designation and Serial No.

SF 078214A

6. If Indian, Allottee or Tribe Name

If Unit or CA, Agreement Designation

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)

1025 FNL & 1850 FEL
SEC 34, T30N, R13W

8. Well Name and No.

TIGER #7

9. API Well No.

30-045-29618

10. Field and Pool, or Exploratory Area

BASIN-FRUITLAND COAL

11. County or Parish, State

SAN JUAN COUNTY, NM

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.)*

SEE ATTACHED COMPLETION REPORT.

RECEIVED
BLM
98 AUG 18 AM 10:33
OTD FARMINGTON, NM

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

Signed

Title

PETROLEUM ENGINEER

Date

8/17/98

(This space for Federal or State office use)

Approved by

Title

Date

AUG 19 1998

Conditions of approval, if any:

ACCEPTED FOR RECORD

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 or fraudulent statements or representations as to any matter within its jurisdiction.

ROBERT L. BAYLESS
TIGER #7
1025 FNL & 1850 FEL (NWNE)
SECTION 34, T30N, R13W
SAN JUAN COUNTY, NEW MEXICO

COMPLETION REPORT

- 8-12-98 Move in and rig up JC Well Service completion rig. Rigged up Dowell. Pressure tested casing to 3000 psi, held OK. Nipple up wellhead and BOP. Rigged up Blue Jet Wireline services. Ran GR-CLL from 1774 ft RKB (corrected PBDT) to 1200 ft. Perforated the Fruitland Coal interval with 3 1/8" casing gun at 2 JSPF as follows:

1557 - 1566 ft	9 ft	19 holes	
<u>1625 - 1646 ft</u>	<u>21 ft</u>	<u>43 holes</u>	
Total	30 ft	62 holes	.34" diameter

Pick up Arrow Completion packer and 2 3/8" tubing. Trip packer and tubing to 1750 ft. Circulate hole clean with 2% KCl water. Move tubing and packer to 1646 ft. Spot 250 gallons of 7 1/2% HCl acid across perforation interval. Move tubing and packer to 1589 ft and set packer (between upper and lower Fruitland Coal perforation intervals). Broke down lower Fruitland Coal interval immediately down the tubing. Established an injection rate of 3.2 BPM @ 550 psi, ISIP of 300 psi (0.62 frac gradient). Broke down upper Fruitland Coal interval immediately down the annulus. Established an injection rate of 2.0 BPM @ 740 psi, ISIP of 600 psi (0.82 frac gradient). Moved tubing and packer to 1459 ft and set packer (above both sets of Fruitland Coal perforations). Established an injection rate down tubing of 2.5 BPM @ 500 psi, ISIP of 300 psi (0.62 frac gradient). Acidized the entire Fruitland Coal interval with 500 gallons of 7.5% DI weighted HCL acid containing 93 1.1 sg RCN ball sealers. Saw a good pressure break back, but did not balloff casing. Final injection rate was 2.5 BPM @ 1000 psi, ISIP = 830 psi. Tripped tubing and packer to PBDT to knock ball sealers off of perforations. Trip tubing and packer out of hole. Nipple down BOP and wellhead. Nipple up frac valve on casing. Rig down and release rig. Shut down for the night.

- 8-13-98 Rigged up Dowell. Fracture stimulated the Fruitland Coal interval with 22,000 gallons of 70 quality foam using 30# X-linked borate gelled fluid containing 60,000 lbs of 16-30 mesh Arizona sand as follows:

5,000 gals of 70 qual foam pad	20 BPM @ 1500 psi
5,000 gals of 70 qual foam with 2 ppg 16-30 sand	20 BPM @ 1450 psi
10,000 gals of 70 qual foam with 4 ppg 16-30 sand	20 BPM @ 1350 psi
2,000 gals of 70 qual foam with 5 ppg 16-30 sand	20 BPM @ 1250 psi
1,000 gals of 70 qual foam flush	20 BPM @ 1250 psi

ISIP = 1150 psi decreasing to 1080 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: 4 mc Sb-124 in 2 ppg sand stage, 17 mc Ir-192 in 4 ppg sand stage, 4 mc Sc-46 in 5 ppg sand stage. Average rate 20 BPM, average pressure 1400

psi, maximum pressure 1500 psi, minimum pressure 1250 psi, average nitrogen rate 5,000 scfm, total nitrogen pumped 192,000 scf. Total fluid to recover 222 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.

- 8/14/98 Well flowed foamy water with some sand and was still flowing after 21 hours of flow after frac. Recovered approximately 260 barrels of water in flowback tank. Moved in and rigged up JC Well Service completion rig. Nipple up wellhead and BOP. Pick up 2 3/8" tubing and tag sand fill at 1696 ft RKB (50 ft below bottom perforation). Circulated 78 ft of sand to PBTD of 1774. Trip tubing out of hole. Trip in hole with production tubing and landed as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	3.00	0-3
47 jts of 2 3/8" 4.7#/ft J55		
EUE new tubing	1517.20	3-1520
1 seating nipple	1.10	1520-1521
4 jts of 2 3/8" 4.6#/ft J55		
IJ used tubing	<u>119.70</u>	1521-1641
	1641.00	

Nipple down BOP and nipple up wellhead. Shut well in. Shut down for the night.

- 8-15-98 Overnight pressures: Tubing 0 psi, Annulus 80 psi. Rigged to swab. Made 81 swab runs, building annulus pressure to 210 psi. Well will not kick off flowing. Well is making quite a bit of heavy gas cut fluid with very little sand. Fluid level is staying approximately 1000 feet from surface. Rig down completion unit and released rig. Shut well in to build pressure for AOF. End of Report.