

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-078214

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

SUBMIT IN TRIPLICATE

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

8. Well Name and No.
TIGER #14

2. Name of Operator
ROBERT L. BAYLESS, PRODUCER LLC

9. API Well No.
30-045-29951

3. Address and Telephone No.
P.O. BOX 168, FARMINGTON, NM 87499 (505) 326-2659

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1165' FSL & 1020' FWL, SEC. 33, T30N, R13W

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 Report

☐ 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 report.

RECEIVED
SEP 24 1993
OIL CON. DIV.
DIST. 3

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

Signed Kevin McCord Title Engineer

Date September 17, 1999

(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.

ACCEPTED FOR RECORD

*See Instruction on Reverse Side

SEP 22 1999

FARMINGTON FIELD OFFICE
BY [Signature]

ROBERT L. BAYLESS
TIGER #14
1165 FSL & 1020 FWL (SWSW)
SECTION 33, T30N R13W
San Juan County, New Mexico

COMPLETION REPORT

- 9-14-99 Moved in and rigged up JC Well Service completion rig. Nipple up wellhead and BOP. Shut down for the night.
- 9-15-99 Rigged up Dowell and pressure tested casing to 3000 psi, held OK. Rigged up Blue Jet Wireline services. Ran GR-CLL-CBL log from corrected PBTD of 1554 ft RKB to surface. Perforated the Fruitland Coal interval with 3 1/8" casing gun at 4 JSPF as follows:

1343 - 1354 ft	11 ft	44 holes	.34" diameter
<u>1378 - 1382 ft</u>	<u>4 ft</u>	<u>16 holes</u>	<u>.34" diameter</u>
Total	15 ft	60 holes	

Picked up packer and 2 3/8" tubing and tripped in hole. Set packer at 1365 ft (between upper and lower perforation intervals). Broke down upper Fruitland Coal interval down the annulus at 1400 psi. Established an injection rate of 3.9 BPM @ 890 psi, ISIP of 200 psi. Broke down lower Fruitland Coal interval immediately down the tubing. Established an injection rate of 1.9 BPM @ 1800 psi, ISIP of 450 psi. Moved tubing and packer to 1108 ft and set packer (above both sets of Fruitland Coal perforations). Established an injection rate down tubing of 3.8 BPM @ 1100 psi, ISIP of 300 psi. Acidized the entire Fruitland Coal interval with 500 gallons of 7.5% DI weighted HCL acid containing 90 1.1 sg RCN ball sealers. Saw good pressure breaks and balled off casing to 3000 psi. Surged balls off perforations and pumped remaining acid into perforations. Final injection rate was 1.4 BPM @ 1050 psi. Tripped tubing and packer to PBTD to knock ball sealers off of perforations. Trip tubing and packer out of hole. Fracture stimulated the Fruitland Coal interval down casing with 8,600 gallons of 70 quality foam using 30# X-linked borate gelled fluid containing 7,200 lbs of 20-40 mesh Arizona sand as follows:

5,000 gals of 70 qual foam pad	20 BPM @ 1800 psi
* 3,600 gals of 70 qual foam with 2 ppg 20-40 sand	20 BPM @ 1800 - 3000 psi

* Well screened off with 7,200 lbs of sand in wellbore and 6,000 lbs of sand in perforations.

Flowed well back and tried to pump frac again, not successful. Trip in hole with tubing to PBTD. Did not tag any sand fill. Circulate hole clean with 2% KCl water. Trip tubing out of hole. Re-fracture stimulated the Fruitland Coal interval down the casing with 25,000 gallons of 70 quality foam using 30# X-linked borate gelled fluid containing 74,000 lbs of 20-40 mesh Arizona sand as follows:

5,000 gals of 70 qual foam pad	20 BPM @ 2000 psi
5,000 gals of 70 qual foam with 2 ppg 20-40 sand	20 BPM @ 1900 psi
11,000 gals of 70 qual foam with 4 ppg 20-40 sand	20 BPM @ 1750 psi
4,000 gals of 70 qual foam with 5 ppg 20-40 sand	20 BPM @ 1650 psi
800 gals of 70 qual foam flush	20 BPM @ 1650 psi

ISIP = 1400 psi decreasing to 1300 psi after 15 minutes. All water contained 2% KCL, ½ gal/1000 clay stabilization agent, and bactericide. Sand contained multiple radioactive tracer material as follows: 5 mc Sb-124 in 2 ppg sand stage, 20 mc Ir-192 in 4 ppg sand stage, 7 mc Sc-46 in 5 ppg sand stage. Average rate 20 BPM, average pressure 1800 psi, maximum pressure 2100 psi, minimum pressure 1600 psi, average nitrogen rate 4,900 scfm. Estimate total sand in formation is 80,000 lbs from both jobs. Total nitrogen pumped 235,000 scf, total fluid to recover 312 bbls. Shut well in for 3 hours. Blow well back to tank through a 1/4" inline choke. Well flowing to cleanup with drywatch. Shut down for the night.

9-16-99 Well was still flowing 12 hours after frac. Recovered 43 barrels of water, and very little sand. Open well up to pit to flow through full 2" opening. Killed well. Trip in hole with sawtooth collar on tubing. Tag sand fill at 1365 ft (top perforation interval is open, bottom perforation interval is covered with sand fill). Circulated 189 ft of sand from wellbore to PBTD of 1554 ft. Moved tubing up hole and landed as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	3.00	0-3
43 jts of 2 3/8" 4.7#/ft J55 EUE yellow band used tubing	1347.39	3-1350
1 seating nipple	1.10	1350-1351
1 jt of used tubing	31.70	1351-1383
	1383.19	

Nipple down BOP and nipple up wellhead. Rigged to swab. Made approximately 10 swab runs and well kicked off flowing. Let well flow for remainder of day. Shut down for the night.

9-17-99 Well was still flowing this morning. Left well flowing through ¼ " choke to clean up for AOF. Rigged down and released rig. End of Report