

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

5. Lease Designation and Serial No.

SF-047039B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

BIMSON #1

9. API Well No.

30-045-07530

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan County, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Robert L. Bayless

3. Address and Telephone No.

P.O. Box 168 Farmington, NM 87499 (505)326-2659

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

760' FNL & 1586' FWL

Sec. 17, T28N, R10W

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 Recompletion in Fruitland Coal.

☐ 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 morning report.

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

Signed

[Signature]

Title

Petroleum Engineer

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Date

MAY 24 1994
MAY 20 1994

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 matter within its jurisdiction.

NMOCD

*See instruction on Reverse Side

ROBERT L. BAYLESS

BIMSON #1

760 FNL & 1586 FWL
NENW, SECTION 17, T28N R10W
SAN JUAN COUNTY, NEW MEXICO

FRUITLAND COAL RECOMPLETION

- 4-23-94 Move in and rig up Polanco Brothers service unit. No pressure on tubing or casing. Nipple down wellhead and nipple up BOP. Trip 64 joints of 2 3/8" tubing out of hole. Shutdown for the weekend.
- 4-24-94 Shutdown for Sunday.
- 4-25-94 Rig up Blue Jet wireline. Ran GR-CLL-CNL log from PBTD to 1500 ft RKB. Set cast iron bridgeplug at 1945 ft RKB. Rigged up the Western Company. Pressure tested bridgeplug and casing to 1000 psi. Lost 100 psi pressure in 10 minutes. Perforated lower Fruitland Coal interval with 0.50" holes at 4 JSPF using 4" casing gun as follows:

1925 - 1938 13 ft 52 holes

Picked up 5 1/2" Mountain States Oil Tools fullbore packer and 2 7/8" 6.5 #/ft N80 EUE tubing. Tagged CIBP at 1945 ft RKB (8.66' tubing correction to logged hole). Moved packer to 1938 ft RKB and spotted 150 gallons of 7 1/2% DI HCl acid across perforations. Move tubing and packer uphole and set at 1798 ft RKB. Broke down lower Fruitland Coal Perforations immediately. Established injection rate into the formation (pumping spot acid into formation) of 6.3 BPM at 470 psi, ISIP was 200 psi (FG=.54 psi/ft). Fracture stimulated lower Fruitland Coal interval down the 2 7/8" tubing with 37,500 gallons of 70 quality foam (fluid is 20# linear guar gel) containing 5,000 lbs of 40/70 mesh sand fluid loss additive and 37,500 lbs 20/40 mesh sand proppant as follows:

10,000 gals of 70 quality foam pad	20 BPM @	2000 psi
5,000 gals of 1 ppg 40/70 sand	20 BPM @	2100-2450 psi
5,000 gals of 70 quality foam spacer	20 BPM @	2450 psi
5,000 gals of 1 ppg 20/40 sand	20 BPM @	2500 psi
5,000 gals of 2 ppg 20/40 sand	20 BPM @	2550 psi
*7,500 gals of 3 ppg 20/40 sand	20 BPM @	2650-4000 psi

* - Frac screened off during later stages of 3 ppg sand, not able to pump 4 ppg sand or flush

ISIP 3800 psi, 5 min 3250 psi, 10 min 3000 psi, 15 min 2850 psi. Avg rate 20 BPM, Avg pressure 2500 psi, Max pressure 4000 psi, Min pressure 2000 psi, Avg nitrogen rate 9100 SCFM, Total nitrogen pumped 355,000 SCF, Total fluid to recover 253 BBLS.

Shut well in for 3 hours. Flow well to atmosphere through 1/2" tapped bullplug. Well flowing to cleanup.

4-26-94 Well nearly dead this morning. Pumped 15 barrels of water down the tubing to kill well and clear tubing of sand. Released packer. Tag sand fill at 1938 ft (bottom lower Fruitland Coal perforation). Trip tubing and packer out of hole. Shut down for the night.

4-27-94 Rigged up Blue Jet wireline. Set retrievable bridgeplug at 1920 ft RKB. Rigged up the Western Company. Pressure tested casing and bridgeplug to 1000 psi, held OK for 5 minutes. Dumped 5 gals of sand on top of plug. Perforated upper Fruitland Coal interval with 0.50" holes at 4 JSPF using 4" casing gun as follows:

1742 - 1745	3 ft	12 holes
1794 - 1806	12 ft	48 holes
1832 - 1837	5 ft	20 holes
1872 - 1875	3 ft	12 holes
1879 - 1882	3 ft	12 holes
Total	26 ft	104 holes

Pick up Mountain States Oil Tools fullbore packer and 2 7/8" 6.5 #/ft N80 EUE tubing. Trip in hole to 1882 ft RKB. Spot 250 gallons of 7 1/2% DI HCl acid across upper Fruitland Coal interval. Moved packer and set at 1815 ft RKB. Pumped down tubing and communicated with annulus. Moved packer to 1845 ft RKB. Brokedown perforations 1872 to 1882 down tubing at 1200 psi. Established injection rate of 4.1 BPM at 920 psi, ISIP of 600 psi (FG=.75). Moved packer to 1777 ft RKB. Brokedown perforations 1742 to 1745 down annulus at 1900 psi. Established injection rate of 3.7 BPM at 1750 psi, ISIP of 1150 psi (FG=1.09). Pumped into perforations 1794 to 1882 down tubing at 4.2 BPM at 870 psi, ISIP of 600 psi (FG=.76). Moved packer to 1620 ft RKB. Fracture stimulated upper Fruitland Coal interval down the 2 7/8" tubing with 37,000 gallons of 70 quality foam (fluid is 20# linear guar gel) containing 5,000 lbs of 40/70 mesh sand fluid loss additive and 40,000 lbs 20/40 mesh sand proppant as follows:

10,000 gals of 70 quality foam pad	20 BPM @	1950 psi
5,000 gals of 1 ppg 40/70 sand	20 BPM @	2000 psi
5,000 gals of 70 quality foam spacer	20 BPM @	2000 psi
5,000 gals of 1 ppg 20/40 sand	20 BPM @	2050 psi
5,000 gals of 2 ppg 20/40 sand	20 BPM @	2100 psi
4,000 gals of 3 ppg 20/40 sand	20 BPM @	2150 psi
2,000 gals of 4 ppg 20/40 sand	20 BPM @	2250 psi
1,000 gals of 5 ppg 20/40 sand	20 BPM @	2400-2550 psi

ISIP 1300 psi, 5 min 1280 psi, 10 min 1270 psi, 15 min 1260 psi. Avg rate 20 BPM, Avg pressure 2150 psi, Max pressure 2600 psi, Min pressure 1900 psi, Avg nitrogen rate 7400 SCFM, Total nitrogen pumped 382,000 SCF, Total fluid to recover 295 BBLS. Shut well in for 3 hours. Flow well to atmosphere through 1/2" tapped bullplug. Well flowing to cleanup.

4-28-94 Well flowing back after frac to cleanup.

4-29-94 Well was flowing this morning. Killed well and cleared packer of sand by pumping 10 barrels of water down the tubing. Released packer, could not move up hole with packer, but could move down hole. Worked with packer, packer finally worked free. Trip 2 7/8" tubing out of hole laying down on float. Trip in hole with retrieving head on 2 3/8" tubing. Tag sand fill at 1881 ft RKB. Circulated 39 ft of sand out of hole and recovered retrievable bridge plug at 1920 ft RKB. Trip bridge plug out of hole. Trip in hole with 2 3/8" tubing. Tag sand fill at 1938 ft RKB. Circulated 7 feet of sand to 1945 ft RKB (bridgeplug). Moved tubing up hole and landed as follows:

Description	Length	Depth
KB to landing point	5.00	0 - 5
1 jt 2 3/8" sub	8.00	5 - 13
60 jts of 2 3/8" 4.7 #/ft J55 EUE	1870.64	13 - 1883
1 seating nipple	0.75	1883 - 1884
1 jt of 2 3/8" 4.7 #/ft J55 EUE	31.05	1884 - 1915
	1915.44	

Tubing landed at corrected open hole depth of 1924 ft RKB. Nipple down BOP and nipple up wellhead. Rigged to swab. Made 12 swab runs and recovered approximately 60 barrels of fluid. Shut well in. Shut down for the night.

4-30-94 Tubing had 15 psi, annulus had 90 psi. Well blew down immediately. Rigged to swab. Made 41 swab runs, recovering approximately 139 Bbls of fluid and kicked well off flowing. Well built 300 psi on annulus before flowing. Well flowing steadily. Rigged down completion unit. Released rig. Job complete.