

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FOR APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

RECEIVED

5. Lease Serial No.

NPNM 024158

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

6. If Indian, Allottee or Tribe Name

b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

7. Unit or CA Agreement Name and No.

2. Name of Operator

Robert L. Bayless, Producer LLC

8. Lease Name and Well No.

Brown #1G

3. Address

PO Box 168, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 326-2659

9. API Well No.

30-045-31447

4. Location of Well (Report location clearly and in accordance with Federal requirements)

At Surface 1260' FNL & 970' FWL

At top prod. interval reported below

At total depth

Same

10. Field and Pool, or Exploratory

Basin Fruitland Coal

11. Sec., T., R., M., on Block and Survey or Area
Sec 10, T30N, R12W

12. County or Parish

San Juan

13. State

NM

14. Date Spudded

5/19/2003

15. Date T.D. Reached

5/24/2003

16. Date Completed

☐ D&A ☒ Ready to Prod

7/9/2003

17. Elevations (DF, RKB, RT, GL)*

5773 RKB

18. Total Depth: MD 2190
TVD

19. Plug Back T.D.: MD 2140
TVD

20. Depth Bridge Plug Set: MD None
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Induction Log, Density Log

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8 3/4	7" / J55	20	Surface	140	None	60 sx-Class B 3% CaCl	12.6	surface	None
6 1/4	4 1/2" / J55	10.5	Surface	2189	None	250 sx-Premium Lite High Strength Class B	94.8	surface	None

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	2040	None						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal	1971	2034	1971 - 1975	.34"	12	
B)			1987 - 1991	.34"	12	
C)			2008 - 2034	.34"	78	
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
1971 - 2034	500 Gal 15% HCl Acid, 68,000 Gal Delta Frac, 138,000 lbs. 20/40 Mesh Sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
7/9/2003	7/9/2003	3	→		No Flow				Flow
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4"	SI 0	430	→		No Flow			Shuttn	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

DOWN

ACCEPTED FOR RECORD

JUL 11 2003

FARMINGTON FIELD OFFICE

je

✓

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Shut in, waiting on pipeline connection

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Fruitland	1664	2041	Coal, sandstone, natural gas	Ojo Alamo	512
Pictured Cliffs	2041	2190	Sandstone, natural gas	Kirtland	568
				Fruitland	1664
				Pictured Cliffs	2041

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd.)
5. Sundry Notices for plugging and cement verification

2. Geologic Report
6. Core Analysis

3. DST Report
7. Other:

4. Directional Survey

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

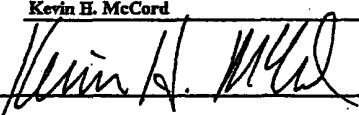
Name (please print)

Kevin H. McCord

Title

Petroleum Engineer

Signature



Date

7/9/2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

ROBERT L. BAYLESS, PRODUCER LLC

BROWN #1G

1260 FNL & 970 FWL (NWNW)
SECTION 10, T30N, R12W
SAN JUAN COUNTY, NEW MEXICO

COMPLETION REPORT

6/27/03 Installed frac valve and rigged up flowback lines. Pressure tested casing to 3000 psi, held OK. Wait on frac.
6/28/03 Wait on frac.
6/29/03 Wait on frac.
6/30/03 Wait on frac.

7/1/03 Rigged up Blue Jet Wireline Service. Run GR-CLL from corrected PBTD of 2140 ft to 1600 ft. Perforated the Fruitland Coal interval with 3 1/8" casing gun at 3 JSPF as follows:

1971 - 1975	4 ft	12 holes	.34" diameter
1987 - 1991	4 ft	12 holes	.34" diameter
2008 - 2034	26 ft	78 holes	.34" diameter
Total	34 ft	102 holes	

Rigged up Halliburton. Fracture Stimulated the Fruitland Coal interval down the casing with 68,000 gallons of 20# Delta 140 & Sand Wedge system containing 138,000 lbs of 20/40 Brady sand as follows:

500 gals of 15% HCl acid spearhead	
20,000 gals of 20# Delta Frac 140 pad	40 bpm @ 1400 psi
8,000 gals of 20# Delta Frac 140 w/1 ppg sand	40 bpm @ 1500 psi
12,000 gals of 20# Delta Frac 140 w/2 ppg sand	40 bpm @ 1600 psi
12,000 gals of 20# Delta Frac 140 w/3 ppg sand	40 bpm @ 1650 psi
10,000 gals of 20# Delta Frac 140 w/4 ppg sand	40 bpm @ 1650 psi
6,000 gals of 20# Delta Frac 140 w/5 ppg sand	40 bpm @ 1700 psi
1,300 gals of 20# Water Frac G flush	40 bpm @ 1800 psi

ISIP was 1450 psi, decreasing to 950 psi after 15 minutes. Average rate was 40 bpm. Average pressure was 1600 psi with maximum pressure of 1900 psi and minimum pressure of 1300 psi. Approximate load fluid to recover is 1605 bbls. Shut well in. Shut down for the night.

7/2/03 Opened well to flow this morning, very little pressure, very little flow. Moved in and rigged up JC Well Service completion rig. Nipple down frac valve. Nipple up wellhead and BOP. Pick up notched collar and 2 3/8"

tubing. Tagged sand fill in well at 2011 ft (23 ft of sand fill above bottom perforation). Circulated 129 ft of sand from hole to PBTD of 2140 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
2 tubing subs	20.10	3 - 23
66 jts of 2 3/8" 4.7#/ft J55		
EUE yellow band tubing	2015.44	23 - 2039
1 seating nipple	<u>1.10</u>	2039 - 2040
	2039.64	

Rigged to swab. Made 9 swab runs. Well started making some sand. Shut down for the night.

- 7/3/03 Well did not have any pressure on it this morning. Rigged to swab. Initial fluid level was at 300 ft. Made 35 swab runs on the day, recovering approximately 140 bbls of fluid. Well was giving up quite a bit of sand. Fluid level was staying constant at 800 ft from surface. There was very little gas flow after each swab run and the annulus was not building pressure. Rigged down and released rig. Wait on swab rig.
- 7/4/03 Well did not have any pressure on it this morning. Move in and rig up Silver Star swabbing service. Rigged to swab. Initial fluid level was at 425 ft. Made 8 swab runs on the day, recovering approximately 30 bbls of fluid. Annulus did not build any pressure. Swab rig had mechanical problems. Work on rig. Shut well in. Shut down for the night.
- 7/5/03 Well did not have any pressure on it this morning. Rigged to swab. Initial fluid level still at 425 ft. Made 6 swab runs on the day, recovering approximately 20 bbls of fluid. Annulus did not build any pressure. Swab rig had more mechanical problems. Work on rig. Shut well in. Shut down for the weekend.
- 7/6/03 Shut down - Sunday
- 7/7/03 Well had 0 psi annulus pressure on it this morning. Rigged to swab. Initial fluid level at 425 ft. Made 19 swab runs on the day, recovering approximately 80 bbls of fluid. Fluid level was staying pretty consistent at 900 feet from surface. Well was gassing slightly after each run and not making any sand. Annulus pressure built up to 455 psi at the end of the day. Equalized tubing and annulus pressures. Shut well in. Shut down for the night.
- 7/8/03 Well had 320 psi pressure on both the tubing and annulus this morning (equalized pressure yesterday). Blew down tubing pressure immediately. Rigged to swab. Initial fluid level at 900 ft. Made 11 swab runs and kicked well off flowing. Annulus pressure built up to 400 psi. Well flowed for 45

minutes, then died. Annulus pressure dropped to 330 psi. Swabbed and kicked well off flowing several more time during the day. Total fluid recovered was approximately 70 barrels. Rigged down and released swab rig. Left well flowing to the pit to cleanup.

7/9/03 Well was dead this morning. Annulus pressure was 430 psi. Shut well in. Wait on well hookup. Final Report.