

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NM-047

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☒ Diff. Resvr.
Other _____
2003 JUL -1 PM 12: 21
070 Farmington, NM

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

Robert L. Bayless Producer LLC

8. Lease Name and Well No.

Floyd #3

3. Address

PO Box 168, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 326-2659

9. API Well No.

30-045-29923

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

At Surface 790' FSL & 1660' 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. 17, T30N, R12W

12. County or Parish

SAN JUAN

13. State

NM

14. Date Spudded

1/13/2003

15. Date T.D. Reached

1/18/2003

16. Date Completed

☐ D&A

☒ Ready to Prod.

1/18/2003

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

5827' GR

18. Total Depth: MD
TVD

2125

19. Plug Back T.D.: MD
TVD

2079

20. Depth Bridge Plug Set: MD
TVD

NONE

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL INDUCTION - GR - DENSITY

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8 3/4"	7" / J55	23	SURFACE	128	NONE	50 SX-CLASS B 4% CaCl	10.5	SURFACE	NONE
6 1/4"	4 1/2" / J55	10.5	SURFACE	2124		130 SX CLASS B 2% ECONOLITE	47.7		
						80 SX CLASS B	16.7	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"	1984	NONE						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	1872	1942	1916 - 1938	.34"	66	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
1916 - 1938	500 GAL 7.5% HCL, 35,500 GAL 20-24# DELTA FRAC, 60,000 LBS. 20/40 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
1/18/2003	1/18/2003	3	→		NO FLOW				FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4"	SI 0	300	→		NO FLOW			SHUTIN	

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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD

AUG 06 2003

BY _____ OFFICE

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

NMOCD

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.)

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
OJO ALAMO	422	518	SANDSTONE	OJO ALAMO	422
KIRTLAND	518	1622	SANDSTONE, SILTSTONE, SHALE	KIRTLAND	518
FRUITLAND	1622	1948	SANDSTONE, SILTSTONE, SHALE	FRUITLAND	1622
PICTURED CLIFFS	1948	TD	COAL, GAS, WATER SANDSTONE, NATURAL GAS, WATER	PICTURED CLIFFS	1948

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
 5. Sundry Notices for plugging and cement verification 6. Core Analysis 7. Other:

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) Tom McCarthyTitle Engineer

Signature

Date 7/30/2003

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

FLOYD #3

790 FSL & 1660 FWL (SESW)
SECTION 17, T30N, R12W
SAN JUAN COUNTY, NEW MEXICO

FRUITLAND COAL ADDITION - REPORT

1/13/03 Move in and rig up JC Well Service rig. Pull rods and pump. Nipple down wellhead. Nipple up BOP. Add tubing to production string. Tag fill in well at 2008 ft (48 ft below bottom Pictured Cliffs perforation at 1960 ft). Tripped tubing out of hole. Nipple down BOP. Nipple up frac valve. Rigged up Blue Jet Wireline Service. Run junk basket to TD, casing ID is OK. Run in hole with drillable bridge plug and set at 1944 ft. Rigged up Halliburton. Pressure tested casing and bridge plug to 3000 psi, held OK. Place 2 ft of sand on top of bridge plug using wireline dump bailer. Perforate the Fruitland Coal interval with 3 1/8" casing gun at 3 JSPF as follows:

1916 - 1938 22 ft 66 holes .34" diameter

Fracture Stimulated the Fruitland Coal interval down the casing with 35,500 gallons of 25# and 20# Delta 140 & Sand Wedge system containing 60,000 lbs of 20/40 Brady sand as follows:

500 gals of 7½% HCl acid spearhead	5 bpm @ 450 psi
11,000 gals of 25# Delta Frac 140 pad	30 bpm @ 1300 psi
6,000 gals of 20# Delta Frac 140 w/1 ppg sand	30 bpm @ 1400-1550 psi
3,000 gals of 20# Delta Frac 140 w/2 ppg sand	30 bpm @ 1550-1800 psi
3,500 gals of 25# Delta Frac 140 w/2 ppg sand	35 bpm @ 1800-1950 psi
7,000 gals of 25# Delta Frac 140 w/3 ppg sand	35 bpm @ 1950-1850 psi
5,000 gals of 25# Delta Frac 140 w/4 ppg sand	35 bpm @ 1800 psi
1,200 gals of 25# Water Frac G flush	30 bpm @ 1600 psi

ISIP was 1200 psi, decreasing to 1000 psi after 15 minutes. Average rate was 32 bpm. Average pressure was 1600 psi with maximum pressure of 1950 psi and minimum pressure of 1300 psi. Approximate load fluid to recover is 840 bbls. Shut well in. Shut down for the night.

- 1/14/03 Well did not have any pressure on it this morning. Nipple down frac valve. Nipple up wellhead and BOP. Pick up notched collar and 2 3/8" tubing. Tagged sand fill in well at 1924 ft (20 feet of sand fill). Circulated sand from wellbore to bridge plug at 1944 ft. Moved tubing to 1925 ft and rigged to swab. Made 2 swab runs, recovering significant water to tank. Tank filled, stopped swabbing. Swab got stuck. Pull out of rope socket. Shut down for the night.
- 1/15/03 No pressure on well this morning, well was left open to tank overnight. Pull 7 jts of tubing, recovered swab. Trip back in hole with tubing. Tagged sand fill at 1924 ft again. Circulate 11 ft of sand from hole and lost circulation. Moved tubing to 1895 ft and rigged to swab. Made 9 swab runs recovering approximately 15 barrels of water to production tank. Shut down for the night.
- 1/16/03 No pressure on well this morning. Tagged sand fill above perforations. Trip out of hole with tubing. Trip back in hole with bit and bailer on tubing. Bailed sand from hole to 1942 ft (2 ft above bridge plug). Trip out of hole with tubing, bailer and bit. Trip in hole with tubing to 1925 ft and rigged to swab. Made 13 swab runs recovering approximately 12 barrels of water to production tank. Shut down for the night.
- 1/17/03 Well had 300 psi on tubing this morning. Blew pressure down. Rigged to swab. Made 14 swab runs recovering approximately 20 barrels of water to production tank. Well would flow approximately 15 minutes after each swab run. Annulus pressure built to 210 psi while swabbing. Shut down for the night.
- 1/18/03 Well had 300 psi on annulus this morning. Blew pressure down. Moved tubing and tagged sand fill just below tubing. Tripped out of hole with tubing. Trip back in hole with bit and bailer on tubing. Bailed sand from hole to 1942 ft (2 ft above bridge plug). Trip out of hole with tubing, bailer and bit. Trip in hole and landed tubing as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	2.00	0 - 2
1 tubing sub	12.07	2 - 14
60 jts of 2 3/8" 4.7#/ft		
J55 EUE tubing	1892.07	14 - 1906
1 seating nipple	1.10	1906 - 1907
1 tubing tail joint	16.07	1907 - 1923
	<u>1923.31</u>	

Nipple down BOP. Nipple up wellhead. Shut in well. Release rig. Wait on line pressures to decrease to attempt to flow well.