

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

5. Lease Serial No.
SF 078476

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

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

2. Name of Operator

Robert L. Bayless, Producer LLC

3. Address

PO Box 168, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 326-2659

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Oxnard WN Federal #11G

9. API Well No.

30-045-31710

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

At Surface **1195' FSL & 710' FEL**

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 15, T27N, R8W

12. County or Parish

San Juan

13. State

NM

14. Date Spudded

1/6/04

15. Date T.D. Reached

1/12/04

16. Date Completed

☐ D&A ☒ Ready to Prod.

2/25/04

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

5918 GL

18. Total Depth: MD

2240

TVD

19. Plug Back T.D.: MD

2163

TVD

20. Depth Bridge Plug Set: MD

None

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Induction Log, Density Log, Cased Hole Neutron 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8 3/4	7" / J55	20	Surface	139' 11"	None	50 sx-Class B 3% CaCl	10.5	surface	None
6 1/4	4 1/2" / J55	10.5	Surface	2223	None	300 sx-Premium Lite High Strength Class B	113.8	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"	2108	None						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal	1961	2099	1961 - 1971	.34"	30	
B)			1990 - 2010	.34"	60	
C)			2052 - 2059	.34"	21	
D)			2082 - 2099	.34"	51	

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

Depth Interval	Amount and Type of Material
1961 - 1971	500 Gal 15% HCl Acid, 64,000 Gal Delta Frac, 135,000 lbs. 20/40 Mesh Sand
2082 - 2099	500 Gal 15% HCl Acid, 43,000 Gal Delta Frac, 87,000 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
2/25/04	2/25/04	3	→		No Flow				Flow
Choke Size	Tbg. Press. Flwg.	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4"	0	380	→		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.	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)

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.)

Shutin, 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	1880	2106	Coal, sandstone, natural gas	Ojo Alamo	1276
Pictured Cliffs	2106	2240	Sandstone, natural gas	Kirtland	1388
				Fruitland	1880
				Pictured Cliffs	2106

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. McCordTitle Petroleum EngineerSignature Date 2/26/04

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

OXNARD #11G

1195 FSL & 710 FWL (SESE)
SECTION 15, T27N, R8W
SAN JUAN COUNTY, NEW MEXICO

COMPLETION REPORT

2/3/04 Rigged up Blue Jet Wireline Service. Ran GR-Neutron-CLL log from PBTD of 2163 ft to 1200 ft. Shut in well. Wait on further completion.

2/4/04 - 2/19/04 Wait on further completion.

2/20/04 Install frac valve and rig up flowback lines. Rigged up Halliburton. Pressure tested casing to 3500 psi, held OK. Rigged up Blue Jet Wireline Service. Perforated the basal Fruitland Coal interval with 3 1/8" casing gun at 3 JSPF as follows:

2082 - 2099 17 ft 51 holes .34" diameter

Fracture Stimulated the Basin Fruitland Coal interval down the casing with 43,000 gals of 25# and 20# Delta 140 & Sand Wedge system with 87,000 lbs of 20/40 Brady sand as follows:

500 gals of 15% HCl acid spearhead	
5,000 gals of 25# Delta Frac 140 pad	40 bpm @ 1550 psi
2,000 gals of 25# Delta Frac 140 w/1/2 ppg sand	40 bpm @ 1600 psi
3,000 gals of 25# Delta Frac 140 pad	40 bpm @ 1650 psi
2,000 gals of 25# Delta Frac 140 w/1/2 ppg sand	40 bpm @ 1600 psi
3,000 gals of 25# Delta Frac 140 pad	40 bpm @ 1550 psi
5,000 gals of 20# Delta Frac 140 w/1 ppg sand	40 bpm @ 1450 psi
5,000 gals of 20# Delta Frac 140 w/2 ppg sand	40 bpm @ 1400 psi
7,000 gals of 20# Delta Frac 140 w/3 ppg sand	40 bpm @ 1350 psi
6,000 gals of 20# Delta Frac 140 w/4 ppg sand	40 bpm @ 1300 psi
5,000 gals of 20# Delta Frac 140 w/5 ppg sand	40 bpm @ 1250 psi
1,400 gals of 20# Water Frac G flush	40 bpm @ 1350 psi

ISIP was 950 psi decreasing to 650 psi after 15 minutes. Average rate 40 BPM, average pressure 1400 psi. Maximum pressure 1700 psi, minimum pressure 1200 psi. Trip in hole and set drillable bridge plug at 2075 ft. Pressure tested plug to 3500 psi, held OK. Perforated the Upper Fruitland Coal interval with 3 1/8" casing gun at 3 JSPF as follows:

1961 - 1971	10 ft	30 holes	.34" diameter
1990 - 2010	20 ft	60 holes	.34" diameter
2052 - 2059	7 ft	21 holes	.34" diameter
Total	37 ft	111 holes	

* - note: while perforating, sand was falling and filling the wellbore. Waited 30 minutes after perforating (2 hours after frac shutdown). Checked sand fill with wireline, sand at 2026 ft. Lowest perforated interval (2052-2059) is covered by sand. The decision was made to frac remaining upper intervals (1961-1971, 1990-2010). Fracture stimulated the upper Fruitland Coal interval down the casing with 64,000 gallons of 25# and 20# Delta 140 & Sand Wedge system containing 135,000 lbs of 20/40 Brady sand as follows:

500 gals of 15% HCl acid spearhead	
6,000 gals of 25# Delta Frac 140 pad	40 bpm @ 1600 psi
3,000 gals of 25# Delta Frac 140 w/1/2 ppg sand	40 bpm @ 1750 psi
4,000 gals of 25# Delta Frac 140 pad	40 bpm @ 1700 psi
3,000 gals of 25# Delta Frac 140 w/1/2 ppg sand	40 bpm @ 1650 psi
4,000 gals of 25# Delta Frac 140 pad	40 bpm @ 1600 psi
7,000 gals of 20# Delta Frac 140 w/1 ppg sand	40 bpm @ 1500 psi
10,000 gals of 20# Delta Frac 140 w/2 ppg sand	40 bpm @ 1400 psi
10,000 gals of 20# Delta Frac 140 w/3 ppg sand	40 bpm @ 1350 psi
10,000 gals of 20# Delta Frac 140 w/4 ppg sand	40 bpm @ 1300 psi
7,000 gals of 20# Delta Frac 140 w/5 ppg sand	40 bpm @ 1250 psi
1,300 gals of 20# Water Frac G flush	40 bpm @ 1300 psi

ISIP was 1000 psi, decreasing to 750 psi after 15 minutes. Average rate was 40 bpm with average pressure 1400 psi. Maximum pressure was 1800 psi with minimum pressure of 1250 psi. Approximate total load fluid to recover is 2554 barrels. Shut well in overnight to allow gel to break.

- 2/21/04 Move in and rig up JC Well Service. Remove frac valve. Install wellhead and nipple up BOP. Pick up bit and 2 3/8" tubing. Trip in the hole and tag sand fill at 1890 ft. Rigged up Hurricane air package and circulated 185 ft of sand from wellbore with air to bridge plug at 2075 ft. Drill bridge plug. Tag sand fill at 2095 ft. Circulate 68 ft of sand from wellbore with air to PBTD of 2163 ft. Pull 10 jts of tubing and stand back in derrick. Shut down for the weekend.
- 2/22/04 Shut down, Sunday.
- 2/23/04 Shut in pressures: tubing 380 psi, annulus 380 psi. Tried to blow down pressure on well but well started unloading fluid. Killed well with 20 bbls of water. Trip tubing in hole and tagged PBTD, no fill. Tripped tubing out of hole and removed bit. Tripped in hole with tubing to 2105 ft. Rigged to swab. Made 14 swab runs pulling a full column of fluid with fluid level staying constant at 1000 ft. Left tubing open and shut in annulus. Shut down for the night.

2/24/04 Overnight pressures: tubing dead, annulus 380 psi. Made 1 swab run and kicked well off flowing. Well flowed for 1 hour. Killed well. Landed production string as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	3.00	0 - 3
1 tubing sub	6.00	3 - 9
65 jts of 2 3/8" 4.7#/ft J55		
EUE yellow band tubing	2083.24	9 - 2092
1 seating nipple	1.10	2092 - 2093
1 jt of 2 3/8" tail joint	<u>15.00</u>	2093 - 2108
	2108.34	

Nipple down BOP. Nipple up wellhead. Rigged to swab. Made 20 swab runs, annulus pressure built to 220 psi and well kicked off flowing. Well was flowing through a 1" opening with 40 psi on the tubing and 120 psi on the annulus. Left well flowing to pit to cleanup. Shut down for the night.

2/25/04 Well was still flowing this morning. Flowing tubing pressure was 20 psi, annulus pressure 115 psi. Well still making some water, but no trace of sand. Shut well in. Released rig. Wait on surface equipment installation. Job complete.