

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

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

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

At Surface 595' FNL & 905' FWL

At top prod. interval reported below

At total depth

Same

14. Date Spudded  
12/9/03

15. Date T.D. Reached  
12/14/04

16. Date Completed  
☐ D&A ☒ Ready to Prod. 2/20/04

18. Total Depth: MD 2400  
TVD

19. Plug Back T.D.: MD 2337  
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8 3/4	7" / J55	20	Surface	139	None	55 sx-Class B 3% CaCl	11.6	surface	None
6 1/4	4 1/2" / J55	10.5	Surface	2398	None	303 sx-Premium Lite High Strength Class B	114.9	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"	2274	None						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal	2124	2269	2124 - 2133	.34"	27	
B)			2140 - 2156	.34"	48	
C)			2252 - 2269	.34"	51	
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
2124 - 2156	500 Gal 15% HCl Acid, 59,000 Gal Delta Frac, 120,000 lbs. 20/40 Mesh Sand
2252 - 2269	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
2/20/04	2/20/04	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	200	→		No Flow			Shutin	

ACCEPTED FOR RECORD

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	
			→						

FARMINGTON FIELD OFFICE

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

NMOC

## 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	2010	2276	Coal, sandstone, natural gas	Ojo Alamo	1458
Pictured Cliffs	2276	2400	Sandstone, natural gas	Kirtland	1574
				Fruitland	2010
				Pictured Cliffs	2276

## 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)\*

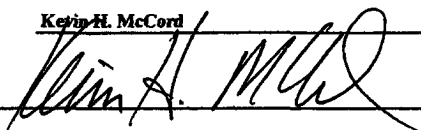
Name (please print)

Kevin H. McCord

Title

Petroleum Engineer

Signature



Date

2/23/04

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**

**MARRON #10**

595 FNL & 905 FWL (NWNW)  
SECTION 24, 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 2337 ft to 1400 ft. Shut in well. Wait on further completion.

2/4/04 - 2/12/04 Wait on further completion.

2/13/04 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:

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2252 - 2269	17 ft	51 holes	.34" diameter
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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	41 bpm @ 1650 psi
2,000 gals of 25# Delta Frac 140 w/1/2 ppg sand	41 bpm @ 1700 psi
3,000 gals of 25# Delta Frac 140 pad	41 bpm @ 1900 psi
2,000 gals of 25# Delta Frac 140 w/1/2 ppg sand	41 bpm @ 2000 psi
3,000 gals of 25# Delta Frac 140 pad	41 bpm @ 2100 psi
5,000 gals of 20# Delta Frac 140 w/1 ppg sand	41 bpm @ 2100 psi
5,000 gals of 20# Delta Frac 140 w/2 ppg sand	41 bpm @ 2000 psi
7,000 gals of 20# Delta Frac 140 w/3 ppg sand	41 bpm @ 1800 psi
6,000 gals of 20# Delta Frac 140 w/4 ppg sand	41 bpm @ 1700 psi
5,000 gals of 20# Delta Frac 140 w/5 ppg sand	41 bpm @ 1600 psi
1,500 gals of 20# Water Frac G flush	41 bpm @ 1700 psi

ISIP was 1200 psi decreasing to 950 psi after 15 minutes. Average rate 41 BPM, average pressure 1850 psi. Maximum pressure 2150 psi, minimum pressure 1600 psi. Trip in hole and set drillable composite bridge plug at 2220 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:

2124 - 2133	9 ft	27 holes	.34" diameter
2140 - 2156	16 ft	48 holes	.34" diameter
Total	25 ft	75 holes	

Fracture stimulated the upper Fruitland Coal interval down the casing with 59,000 gallons of 25# and 20# Delta 140 & Sand Wedge system containing 120,000 lbs of 20/40 Brady sand as follows:

500 gals of 15% HCl acid spearhead	
6,000 gals of 25# Delta Frac 140 pad	41 bpm @ 1800 psi
3,000 gals of 25# Delta Frac 140 w/1/2 ppg sand	41 bpm @ 1850 psi
4,000 gals of 25# Delta Frac 140 pad	41 bpm @ 1850 psi
3,000 gals of 25# Delta Frac 140 w/1/2 ppg sand	41 bpm @ 1850 psi
4,000 gals of 25# Delta Frac 140 pad	41 bpm @ 1850 psi
6,000 gals of 20# Delta Frac 140 w/1 ppg sand	41 bpm @ 1800 psi
9,000 gals of 20# Delta Frac 140 w/2 ppg sand	41 bpm @ 1750 psi
9,000 gals of 20# Delta Frac 140 w/3 ppg sand	41 bpm @ 1650 psi
9,000 gals of 20# Delta Frac 140 w/4 ppg sand	41 bpm @ 1600 psi
6,000 gals of 20# Delta Frac 140 w/5 ppg sand	41 bpm @ 1550 psi
1,400 gals of 20# Water Frac G flush	41 bpm @ 1650 psi

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ISIP was 1350 psi, decreasing to 900 psi after 15 minutes. Average rate was 41 bpm with average pressure 1700 psi. Maximum pressure was 1900 psi with minimum pressure of 1500 psi. Approximate total load fluid to recover is 2615 barrels. Shut well in overnight to allow gel to break.

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- 2/14/04 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 to approximately 1800 ft. Shut down for the weekend.
- 2/15/04 Shut down, Sunday.
- 2/16/04 Trip tubing in hole and tag sand fill at 2080 ft. Rigged up Hurricane air package and circulated 140 ft of sand from wellbore with air to bridge plug at 2220 ft. Drill bridge plug. Tag sand fill at 2301 ft. Circulate 36 ft of sand from wellbore with air to PBTD of 2337 ft. Blow down air pressure from well. Tag sand again and circulate 2 ft of sand from wellbore. Pull 10 jts of tubing and stand back in derrick. Shut down for the night.
- 2/17/04 Moved tubing and tagged PBTD, no fill. Tripped tubing out of hole and removed bit. Tripped in hole with tubing production string and landed as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	3.00	0 - 3
72 jts of 2 3/8" 4.7#/ft J55		
EUE yellow band tubing	2255.75	3 - 2259
1 seating nipple	1.10	2259 - 2260
1 jt of 2 3/8" tail joint	14.00	2260 - 2274
	2273.85	

Nipple down BOP. Nipple up wellhead. Rigged to swab. Made 21 swab runs on the day. Well flowing slightly after each run. Annulus pressure built to 137 psi at the end of the day. Shut well in, shut down for the night.

2/18/04 Overnight pressures: tubing slight buildup, annulus 210 psi. Made 37 swab runs during the day with the well kicking and flowing after each run. Annulus pressure dropped to 122 psi at the end of the day. Left tubing open. Shut down for the night.

2/19/04 Overnight pressures: tubing dead, annulus 200 psi. Made 22 swab runs during the day with the well kicking and flowing after each run. Fluid level was staying at approximately 600 ft from bottom. Annulus pressure was 130 psi at the end of the day. Left tubing open. Shut down for the night.

2/20/04 Overnight pressures: tubing dead, annulus 200 psi. Made 9 swab runs during the day with the well kicking and flowing 10 to 15 minutes after each run. Fluid level was staying at approximately 600 ft from bottom. Annulus pressure was 115 psi at the end of the day. Rig down, release rig and move to Oxnard #11G well. Shut well in. Job complete.

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