

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 \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

8. Lease Name and Well No.

**Robert L. Bayless, Producer LLC**

**Oxnard WN Fed #10G**

3. Address

3a. Phone No. (include area code)

9. API Well No.

**PO Box 168, Farmington, NM 87499**

**(505) 326-2659**

**30-045-31643**

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

10. Field and Pool, or Exploratory

At Surface **970' FNL & 1100' FEL**

**Basin Fruitland Coal**

At top prod. interval reported below

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

At total depth

**Same**

**Sec 15, T27N, R8W**

12. County or Parish

13. State

**San Juan**

**NM**

14. Date Spudded

15. Date T.D. Reached

16. Date Completed

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

**6/15/2003**

**6/25/2003**

☐ D&A ☒ Ready to Prod.

**8/18/2003**

**5940 GL**

18. Total Depth: MD  
TVD

**2255**

19. Plug Back T.D.: MD  
TVD

**2190**

20. Depth Bridge Plug Set: MD  
TVD

**None**

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8 3/4	7" / J55	20	Surface	139	None	70 sx-Class B 3% CaCl	14.8	surface	None
6 1/4	4 1/2" / J55	10.5	Surface	2236	None	325 sx-Premium Lite High	123.2	surface	None
						Strength Class B			

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"	2141	None						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal	2011	2143	2011 - 2104	.34"	81	
B)			2126 - 2143	.34"	85	
C)						
D)						

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

Depth Interval	Amount and Type of Material
2011 - 2104	500 Gal 15% HCl Acid, 74,000 Gal Delta Frac, 174,000 lbs. 20/40 Mesh Sand
2126 - 2143	1,000 Gal 15% HCl Acid, 43,000 Gal Delta Frac, 28,000 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
8/18/2003	8/18/2003	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	220	→		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	
			→						

ACCEPTED FOR RECORD

AUG 29 2003

FARMINGTON FIELD 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.)

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 Pictured Cliffs	1910 2150	2150 2255	Coal, sandstone, natural gas Sandstone, natural gas	Ojo Alamo Kirtland Fruitland Pictured Cliffs	1322 1434 1910 2150

## 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)\*

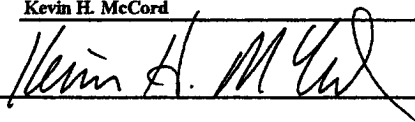
Name (please print)

Kevin H. McCord

Title

Petroleum Engineer

Signature



Date

8/19/03

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 #10G**

970 FNL & 1100 FEL (NENE)  
SECTION 15, T27N, R8W  
SAN JUAN COUNTY, NEW MEXICO

**COMPLETION REPORT**

7/18/03      Pressure tested casing to 3000 psi, held OK. Wait on further completion.

7/19/03 - 8/5/03 - Wait on further completion.

8/6/03      Rigged up Blue Jet Wireline Service. Run GR-CLL from PBTD of 2190 ft to 1600 ft. Perforated the basal Fruitland Coal interval with 3 1/8" casing gun at 3 JSPF as follows:

2126 - 2143      17 ft      51 holes      .34" diameter

Rigged up Halliburton. Fracture stimulated the basal Fruitland Coal interval down the casing with 15,000 gals of 25# and 20# Delta 140 & Sand Wedge system containing 5,000 lbs of 20/40 Brady sand of as follows:

500 gals of 15% HCl acid spearhead	
5,000 gals of 25# Delta Frac 140 pad	41 bpm @ 1850 psi
2,000 gals of 25# Delta Frac 140 w/1/2 ppg sand	40 bpm @ 1850 psi
5,000 gals of 25# Delta Frac 140 pad	40 bpm @ 3100 psi
3,000 gals of 20# Delta Frac 140 w/1 ppg sand	40 bpm @ 3500 psi*

\* - Well screened out to 3500 psi during this stage. Pumped a total of 394 barrels of fluid, with approximate 2,500 lbs of sand in formation, leaving 1,500 lbs of sand in the wellbore. Shut well in. Shut down for the night.

8/7/03      Wait on rig.

8/8/03      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 2086 ft (40 ft of sand fill above top perforation). Circulated 104 ft of sand from hole to PBTD of 2190 ft. Trip tubing out of hole. Nipple down wellhead and BOP. Nipple up frac valve. Shut down for the night.

8/9/03      Rigged up Blue Jet Wireline Service. Re-perforated the basal Fruitland Coal interval with 3 1/8" casing gun at 2 JSPF as follows:

2126 - 2143      17 ft      34 holes      .34" diameter

Rigged up Halliburton. Fracture stimulated the basal Fruitland Coal interval down the casing with 28,000 gals of 25# & 20# Delta 140 & Sand Wedge system containing 23,000 lbs of 20/40 Brady sand of as follows:

500 gals of 15% HCl acid spearhead	
5,000 gals of 25# Delta Frac 140 pad	22 bpm @ 3200 psi
2,000 gals of 25# Delta Frac 140 w/½ ppg sand	32 bpm @ 3250 psi
3,000 gals of 25# Delta Frac 140 pad	36 bpm @ 3300 psi
2,000 gals of 25# Delta Frac 140 w/½ ppg sand	37 bpm @ 2900 psi
3,000 gals of 25# Delta Frac 140 pad	39 bpm @ 3000 psi
5,000 gals of 20# Delta Frac 140 w/1 ppg sand	40 bpm @ 3100 psi
8,000 gals of 20# Delta Frac 140 w/2 ppg sand	39 bpm @ 3600 psi*

\* - Well screened out to 4100 psi during this elongated stage, but was able to flush well. ISIP was 3350 psi, decreasing to 1900 psi after 15 minutes. Average rate was 35 bpm. Average pressure was 2950 psi with maximum pressure of 4100 psi and minimum pressure of 2300 psi. Set composite drillable bridge plug with wireline at 2123 ft. Pressure tested bridge plug to 3500 psi, held OK. Perforated the upper Fruitland Coal interval with 3 1/8" casing gun at 3 JSPF as follows:

2011 - 2013	2 ft	6 holes	.34" diameter
2045 - 2062	17 ft	51 holes	.34" diameter
2096 - 2104	8 ft	24 holes	.34" diameter
Total	27 ft	81 holes	

Fracture stimulated the upper Fruitland Coal interval down the casing with 74,000 gallons of 25# & 20# Delta 140 & Sand Wedge system containing 174,000 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 @ 1350 psi
10,000 gals of 20# Delta Frac 140 w/1 ppg sand	40 bpm @ 1350 psi
10,000 gals of 20# Delta Frac 140 w/2 ppg sand	40 bpm @ 1300 psi
10,000 gals of 20# Delta Frac 140 w/3 ppg sand	40 bpm @ 1300 psi
10,000 gals of 20# Delta Frac 140 w/4 ppg sand	40 bpm @ 1300 psi
10,000 gals of 20# Delta Frac 140 w/5 ppg sand	39 bpm @ 1250 psi
4,000 gals of 20# Delta Frac 140 w/6 ppg sand	39 bpm @ 1200 psi
1,320 gals of 20# Water Frac G flush	39 bpm @ 1200 psi

ISIP was 1000 psi, decreasing to 550 psi after 15 minutes. Average rate was 40 bpm. Average pressure was 1300 psi with maximum pressure of 1500 psi and minimum pressure of 1200 psi. Approximate 2430 barrels of load fluid to recover. Shut well in. Shut down for the night.

8/10/03      Shut down - Sunday

8/11/03 Trip in hole with bit on tubing. Tagged sand fill at 1975 ft. Circulate 148 ft of sand from top of bridge plug. Sand was difficult to circulate, upper perforations were taking fluid. Drilled bridge plug at 2123 ft. Circulate sand from hole to PBTD of 2190 ft. Trip tubing and bit out of hole. Shut down for the night.

8/12/03 Trip in hole with 2 3/8" tubing production string and land as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	3.00	0 - 3
68 jts of 2 3/8" 4.7#/ft J55		
EUE yellow band tubing	2137.08	3 - 2140
1 seating nipple	<u>1.10</u>	2140 - 2141
	2141.18	

Nipple down BOP. Nipple up wellhead. Rigged down and released completion rig. Rigged up swab rig. Rigged to swab. Made 19 swab runs on the day, recovering approximately 30 barrels of fluid. The fluid level stayed constant at approximately 1700 feet from surface. The annulus pressure built to 320 psi at the end of the day. Shut well in. Shut down for the night.

8/13/03 Overnight pressures, tubing 10 psi, annulus 320 psi. Made 4 swab runs and rig had engine problems. Rig repair for remainder of day.

8/14/03 Made 17 swab run on the day recovering gas cut fluid. Well would flow 10 to 15 minutes after each swab run.

8/15/03 Made 18 swab run on the day recovering gas cut fluid. Well would flow after each swab run. On last swab run, well flowed for 2 ½ hours, then logged off.

8/16/03 Made 8 swab runs with well flowing after each swab run. On last run, well blew swab tools out of hole, damaging sand line. Repair rig. Left well flowing. Released rig. Well logged off by end of the day. Shut in well.

8/17/03 Shut down, Sunday.

8/18/03 Shut in pressures, tubing 5 psi, annulus 220 psi. Wait on surface facilities hookup.