

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 P.O. Box 168, Farmington NM 87499

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
1970' FNL & 1475' FWL  
At surface

SAME  
At top prod. interval reported below

At total depth SAME

14. Date Spudded  
05/14/2007

15. Date T.D. Reached  
05/19/2007

3a. Phone No. (include area code)  
(505) 326 2659

**RECEIVED**  
**SEP 11 2007**  
**Bureau of Land Management**  
**Farmington Field Office**

16. Date Completed 08/27/2007  
☐ D & A ☒ Ready to Prod.

5. Lease Serial No.  
SF 047039 -B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
BIMSON FEREDAL #3

9. AFI Well No.  
30-045-33987 -0001

10. Field and Pool or Exploratory  
Fulcher Kutz Pictured Cliffs

11. Sec., T., R., M., on Block and  
Survey or Area SEC. 17 T28N, R10W

12. County or Parish  
San Juan

13. State  
NM

17. Elevations (DF, RKB, RT, GL)\*  
5918 GL

18. Total Depth: MD 2140 ft  
TVD

19. Plug Back T.D.: MD 2075 ft  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Cased Hole Neutron - Gas Spectrum 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" / J-55	20	Surface	139		70sx-Class G	15	surface	
6 1/4	4.5 / J-55	10.5	Surface	2136		240sx- PRB-2	85.5	surface	

**RCUD SEP 18 '07**  
**OIL CONS. DIV.**

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	2055							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fulcher Kutz Pictured Cliffs	2008	2054	2008 - 2032	0.41	72	Open
B)			2042 - 2054	0.41	36	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
2008 - 2054	RE-FRAC 65,000 Gal of 70Q Foam gel system, 123,500 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
8/27/07	8/27/07	3hr	→		No flow				Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/4"	0	10	→		No flow			Shut in- waiting on pipeline connections	

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	
			→						

\*(See instructions and spaces for additional data on page 2)

NMOCD

ACCEPTED FOR RECORD

SEP 13 2007

FARMINGTON FIELD OFFICE  
BY T. Salvets

## 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 (Solid, used for fuel, vented, etc.)

Shut in waiting on pipeline connections

## 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	1726 2008	2008	Coal, Sandstone, Natural Gas Sandstone, natural gas	Ojo Alamo Kirtland	845 1012
				Fruitland Pictured Cliffs	1726 2008

## 32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ 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) Habib GuerreroTitle EngineerSignature Date 09/11/2007

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.

(Continued on page 3)

(Form 3160-4, page 2)

ROBERT L. BAYLESS, PRODUCER LLC  
Bimson Federal No. 3  
1970' FNL & 1475' FWL  
Section 17, T28N, R10W  
San Juan County, NM  
API # 30-045 - 33987

RECEIVED

SEP 11 2007

Bureau of Land Management  
Farmington Field Office

PICTURED CLIFFS RE-COMPLETION REPORT

8/20/07 Overnight shut in pressures: tubing 0 psi, annulus 10 psi. Moved in and rigged up Key Well Service completion rig. Nipple down wellhead and nipple up BOP. Tripped in the hole with 2 3/8" tubing. Tagged fill at 2049 ft (5 feet above bottom perf). Rigged up air package. Circulated and cleaned 26 ft of sand fill to PBTD 2075 ft. Circulated on bottom with air to clean up well. Tripped out of the hole and laid down tubing. Nipple down BOP. Nipple up frac valve. Rigged down and moved rig out of location. Shut in well and shut down for the night. Wait on further re-completion.

8/21/07 Rigged up Halliburton frac crew. Re-fracture stimulated the Pictured Cliffs intervals with 65,000 gallons of 70 Quality Foam gel system containing 123,500 lbs of 20/40 sand as follows:

3,000 gals of X-linked gel Pre- Pad	7 bpm @ 380 psi	
15,000 gals of 70Q Quality foam Pad	25 bpm @ 1450 psi	8,855 scf/min N2
12,000 gals of 70Q X-linked gel w/1 ppg sand	25 bpm @ 1150 psi	7,575 scf/min N2
12,000 gals of 70Q X-linked gel w/2 ppg sand	25 bpm @ 1200 psi	7,798 scf/min N2
10,000 gals of 70Q X-linked gel w/3 ppg sand	25 bpm @ 1300 psi	7,310 scf/min N2
8,000 gals of 70Q X-linked gel w/4 ppg sand	25 bpm @ 1250 psi	7,254 scf/min N2
5,000 gals of 70Q X-linked gel w/5 ppg sand	25 bpm @ 1400 psi	7,487 scf/min N2
1,250 gals of 55Q X-linked gel Foam flush	25 bpm @ 1800 psi	7,352 scf/min N2

During the pre-pad stage, dropped 54 RCN ball sealers at 7 bpm and 380 psi. Had no ball action and never balled off. During the pad stage had to shut down twice because crosslink was not lined out due to mechanical problems. Initial shut in pressure was 1870 psi (1.10 FG), decreasing to 1345 psi after 15 minutes. Average rate 25 bpm, average pressure 1500 psi. Maximum pressure 1900 psi, minimum pressure 1150 psi. Total Fluid pumped 670 bbls, Total nitrogen pumped was 649,000 scf. Shut well in for 3 hours, then opened well to flow to cleanup after frac. Well was flowing to pit at initial pressure of 1000 psi, decreasing to 30 psi in 45 minutes through a 16/64" choke, unloading low to medium sand. Left well open to pit for further cleanup overnight.

- 8/22/07 Overnight shut in pressures: annulus 30 psi. Moved in and rigged up Key Well Services completion rig. Nipple down frac valve. Nipple up BOP. Tripped in the hole with 2 3/8" tubing. Tagged fill at 1731 ft (277 feet above perfs). Rigged up air package. Circulated and cleaned 344 ft of sand fill to PBTD 2075 ft. Circulated on bottom with air to clean up well. Pulled up tubing to 1970 ft (38 ft above the perfs). Secure well. Shut in well down and shut in well overnight.
- 8/23/07 Overnight shut in pressures: tubing 30 psi, annulus 0 psi. Rigged up sand line to check fluid level. Found no fluid. Tripped with tubing in the hole to check for fill. Tagged fill at 2054 ft (21 feet of fill). Rigged up air package. Circulated and cleaned 21 ft of sand fill to PBTD 2075 ft. Circulated on bottom with air to clean up well. Landed tubing at 2033 ft. Rigged up to swab. Found initial fluid level at 1814 ft (200 ft above the seat nipple). Made 12 swab runs during the day, recovering approximately 8 barrels of fluid (foamy water). At the end of the day, the fluid level was at 1914 ft (100 ft above the seat nipple). Well did not respond to swab. Well did not build pressure. Shut in well and shut down for the night.
- 8/24/07 Overnight shut in pressures: tubing on vacuum, annulus 0 psi. Rigged up to swab. Found initial fluid level at 1914 ft (100 ft above the seat nipple). Made 4 swab runs, recovering approximately 1 barrels of water. The decision was made to stop swabbing. Tripped with tubing in the hole to check for fill. Tagged fill at 2030 ft (45 feet of fill). Rigged up air package. Circulated and cleaned 45 ft of sand fill to PBTD 2075 ft. Circulated on bottom with air to clean up well. Laid down 2 joints of tubing. Landed production tubing at 2033 ft. Released air package. Secure well. Shut in well and shut down for the weekend.
- 8/27/07 Overnight shut in pressures: tubing 0 psi, annulus 0 psi. Tripped with tubing in the hole to check for fill. Tagged fill at 2065 ft (10 feet of fill). The decision was made to run rods and set a pumping unit. Landed production tubing as follow:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	4.00	0 - 4
2 3/8 Subs (10ft, 4ft, 4ft)	18.00	4 - 22
66 jts of 2 3/8" 4.7#/ft J55 EUE		
Yellowband tubing	2017.13	22 - 2039
1 seating nipple	1.10	2039 - 2040
1 Tail joint	15.00	2040 - 2055
	2055.23	

Trip in the hole with pump and rods and landed as follow:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	0.00	0 - 0
1 ¼ x 16ft polished rod (5 ft out)	11.00	0 - 11
1 5/8" Sub	4.00	11 - 15
1 5/8" Sub	2.00	15 - 17
1 5/8" Sub	2.00	17 - 19
81 5/8" used rods	2025.00	19 - 2044
1 2 x 1½ x 8 RWAC top hold		
Pump	<u>8.00</u>	2044 - 2052
	2052.00	

Spaced out pump. Rigged down and released completion rig. Secure well.  
Wait on pumping unit setup and pipeline connections.