

State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, New Mexico 87505

WELL API NO.

30-045-31344

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil &amp; Gas Lease No.

7. Lease Name or Unit Agreement Name

Moseley

8. Well No.

1G

9. Pool name or Wildcat

Basin Fruitland Coal

## 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 of Operator

P.O. Box 168 Farmington, NM 87499 (505) 326-2659

4. Well Location

Unit Letter  
Section

C

855

Feet from the

North

Line and

1525

Feet from the

West

Line

Section

2

Township

30N

Range

12W

NMPM

San Juan

County

10. Date Spudded

5/26/2003

11. Date T.D. Reached

5/31/2003

12. Date Comp. (Ready to Prod.)

7/9/2003

13. Elevations (DF &amp; RKB, RT, GR, etc.)

5906 GR

14. Elev. Casinghead

14. Total Depth

2425 ft

16. Plug Back T.D.

2360 ft

17. If Multiple Comp. How  
Many Zones?18. Intervals  
Drilled By

Rotary Tools

XX

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

2150-2240 Fruitland Coal

20. Was Directional Survey Made

No

## CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	20 #/Ft.	140 Ft.	8 3/4"	60sx (71 ft3) Class B W/3% CaCl, Cement Circulated	
4 1/2"	10.5 #/Ft.	2409 Ft.	6 1/4"	300 sx (639 ft3) Premium Lite High Strength Class B, cement top at	
				200 ft from temperature survey	

## 24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2 3/8"	2245 Ft.	None

## 25. TUBING RECORD

## 26. Perforation record (interval, size, and number)

2150 - 2153 with 9 - .34" diameter holes  
2156 - 2159 with 9 - .34" diameter holes  
2216 - 2240 with 72 - .34" diameter holes  
total 90 - .34" diameter holes

## 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2150 - 2240	500 gal 15% HCl acid
	68,000 gal Delta Frac 140, 138,000 Lbs 20/40 sand

## 28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. Or Shut-in)	
7/9/2003		Flowing					Shut-in, waiting on well hookup	
Date of Test	Hours Tested	Choke Size	Prod'n For	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
7/9/2003	3 Hrs.	3/4"	Test Period		No flow			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr. )		
0 psi	540 psi			No flow				

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

David Ball

30. List Attachments

31. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Printed

Name Kevin McCord

Title Petroleum Engineer

Date

7/9/2003

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See rule 1105

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	544	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	644	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	2250	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House		T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee		T. Madison
T. Queen	T. Silurian	T. Point Lookout		T. Elbert
T. Grayburg	T. Montoya	T. Mancos		T. McCracken
T. San Andres	T. Simpson	T. Gallup		T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn		T. Granite
T. Paddock	T. Ellenburger	T. Dakota		T.
T. Blinbry	T. Gr. Wash	T. Morrison		T.
T. Tubb	T. Delaware Sand	T. todilto		T.
T. Drinkard	T. Bone Springs	T. Entrada		T.
T. Abo	T.	T. Wingate		T.
T. Wolfcamp	T.	T. Chinle		T.
T. Penn	T.	T. Permian		T.
T. Cisco (Bough C)	T.	T. Penn. "A"		T.

## OIL OR GAS SANDS OR ZONES

No. 1, from	2150	to	2240	No. 3 from		to	
No. 2, from		to		No. 4, from		to	

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	To	feet
No. 2, from	To	feet
No. 3, from	To	feet

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
surface	1912	1912	Sandstone, Shale				
1912	2250	338	Shale, Sandstone, Coal				
2250	2425	175	Sandstone, Shale				

**ROBERT L. BAYLESS, PRODUCER LLC**

**MOSELEY #1G**

855 FNL & 1525 FWL (NENW)  
SECTION 2, T30N, R12W  
SAN JUAN COUNTY, NEW MEXICO

**COMPLETION REPORT**

6/27/03 Installed frac valve and rigged up flowback lines. Pressure tested casing to 3000 psi, held OK. Wait on frac.

6/28/03 Wait on frac.

6/29/03 Wait on frac.

6/30/03 Wait on frac.

7/1/03 Rigged up Blue Jet Wireline Service. Run GR-CLL from corrected PBTD of 2360 ft to 1800 ft. Perforated the Fruitland Coal interval with 3 1/8" casing gun at 3 JSPF as follows:

2150 - 2153	3 ft	9 holes	.34" diameter
2156 - 2159	3 ft	9 holes	.34" diameter
<u>2216 - 2240</u>	<u>24 ft</u>	<u>72 holes</u>	<u>.34" diameter</u>
Total	30 ft	90 holes	

Rigged up Halliburton. Fracture Stimulated the Fruitland Coal interval down the casing with 68,000 gallons of 20# Delta 140 & Sand Wedge system containing 138,000 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 @ 1650 psi
8,000 gals of 20# Delta Frac 140 w/1 ppg sand	40 bpm @ 1700 psi
12,000 gals of 20# Delta Frac 140 w/2 ppg sand	40 bpm @ 1650 psi
12,000 gals of 20# Delta Frac 140 w/3 ppg sand	40 bpm @ 1550 psi
10,000 gals of 20# Delta Frac 140 w/4 ppg sand	40 bpm @ 1450 psi
6,000 gals of 20# Delta Frac 140 w/5 ppg sand	40 bpm @ 1400 psi
1,400 gals of 20# Water Frac G flush	40 bpm @ 1500 psi

ISIP was 1050 psi, decreasing to 700 psi after 15 minutes. Average rate was 40 bpm. Average pressure was 1600 psi with maximum pressure of 1750 psi and minimum pressure of 1350 psi. Approximate load fluid to recover is 1597 bbls. Shut well in. Shut down for the night.

7/2/03 Opened well to flow this morning, very little pressure, very little flow. Shut well in. Wait on Rig.

7/3/03 Wait on rig.  
7/4/03 Wait on rig.

7/5/03 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 2160 ft (80 ft of sand fill above bottom perforation). Circulated 200 ft of sand from hole to PBTD of 2360 ft. Moved tubing up hole and landed as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	3.00	0 - 3
73 jts of 2 3/8" 4.7#/ft J55		
EUE yellow band tubing	2240.85	3 - 2244
1 seating nipple	<u>1.10</u>	2244 - 2245
	2244.95	

Rigged to swab. Made 47 swab runs and recovered approximately 180 barrels of fluid. Fluid level was staying at 1400 ft from surface. Well was making some sand. No pressure build up on annulus. Shut down for the weekend.

7/6/03 Shut down, Sunday.

7/7/03 Well did not have any pressure on it this morning. Rigged to swab. Initial fluid level at 300 ft. Made 62 swab runs on the day, recovering approximately 250 bbls of fluid. Fluid level was staying pretty constant at 800 ft from surface. There was gas cut fluid with a little gas flow after each swab run with no sand. The annulus pressure built up to 450 psi at the end of the day. Equalized tubing and annulus pressures. Shut in well. Shut down for the night.

7/8/03 Well had 480 psi pressure on both the tubing and annulus this morning (equalized pressure yesterday). Blew down tubing pressure immediately. Rigged to swab. Initial fluid level at 700 ft. Made 2 swab runs and kicked well off flowing. Annulus pressure built up to 500 psi. Well flowed for 45 minutes, then died. Annulus pressure dropped to 370 psi. Swabbed and kicked well off flowing several more time during the day. Total fluid recovered was approximately 110 barrels. Left well flowing to the pit.

7/9/03 Well was dead this morning. Annulus pressure was 540 psi. Rigged to swab. Initial fluid level at 1000 ft. Made 1 swab run and kicked well off flowing. Rigged down and released swab rig. Left well flowing to the pit to cleanup. Final Report.