

Submit To Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

District I  
1625 N. French Dr., Hobbs NM 99240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220S. St. Francis Dr. Santa Fe NM 87505

DEC 2005  
RECEIVED  
OIL CONS. DIV.  
DIST. 3

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-105  
Revised June 10, 2003

WELL API NO.  
**30-045-32963**

5. Indicate Type of Lease  
STATE ☐ FEE ☒  
6. State Oil & Gas Lease No.

### 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 \_\_\_\_\_

7. Lease Name or Unit Agreement Name  
**H. Hazel Bolack 10**

2. Name of Operator  
**Robert L. Bayless, Producer LLC**

8. Well No.  
**4**

3. Address of Operator  
**P.O. Box 168, Farmington, NM 87499**

9. Pool name or Wildcat  
**Basin Fruitland Coal**

4. Well Location  
Unit Letter **N** : **730** Feet From The **South** Line and **1875** Feet From The **West** Line  
Section **10** Township **30N** Range **11W** NMPM **San Juan** County

10. Date Spudded **11/29/05** 11. Date T.D. Reached **12/12/05** 12. Date Comp. (Ready to Prod.) **12/28/05** 13. Elevations (DF & RKB, RT, GR, etc.) **5793 GR** 14. Elev. Casinghead

14. Total Depth **2360** 16. Plug Back T.D. **2302** 17. If Multiple Comp. How Many Zones? **XX** 18. Intervals Drilled By **XX** Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name **1970 - 2230 Fruitland Coal** 20. Was Directional Survey Made **No**

21. Type Electric and Other Logs Run **IES, FDC** 22. Was Well Cored **No**

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	20 #	138	8 3/4"	56 sx (78 ft3) Type III Cement	None
4 1/2"	10.5 #	2353	6 1/4"	235 sx (505 ft3) Premium Lite Hi Strength Cement	None

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2 3/8"	2241	None

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

1970 - 2115 .34" 54 holes  
2206 - 2230 .34" 72 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1970 - 2115	500 gals 15% HCL Acid - 39,250 gals
	Silver Stim LT w/75,000 lbs 20/40 sand
2206 - 2230	500 gals 15% HCL Acid - 59,000 gals
	Silver Stim LT w/128,000 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)	
12/28/05		Pumping				Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n For	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12/28/05	3	3/4"			No Flow		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
SI 0	260			No Flow			

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

Test Witnessed By

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

Signature Kevin H. McCord Printed Kevin H. McCord Title Operational Manager Date 12/28/05  
E-mail Address kmccord@rlbayless.com

## 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 <b>850 ft</b>	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland <b>1884 ft</b>	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs <b>2244 ft</b>	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. Blinebry	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 1970 to 2115      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
850	924	74	Sandstone - water				
1884	2244	360	Coal, sandstone - water, natural gas				
2244	2360	116	Sandstone - water, natural gas				

**ROBERT L. BAYLESS, PRODUCER LLC**

**HAZEL BOLACK #10-4**

**730' FSL & 1875' FWL (SESW)  
SECTION 10, T30N, R11W  
SAN JUAN COUNTY, NEW MEXICO**



**COMPLETION REPORT**

- 12/19/05 Set frac tanks on location. Fill tanks with 2% KCLwater. Installed WSI frac valve on casing. Pressure tested casing and frac valve to 3500 psi, held OK. Wait on further completion.
- 12/22/05 Rigged up Blue Jet Wireline. Run GR-CLL from corrected PBTD of 2302 ft to 1800 ft. Perforated the Basal Fruitland Coal interval with 3 1/8" casing gun at 3 JSPF as follows:

2206 - 2230      24 ft      72 holes      .34" diameter

Broke down perforations immediately (pumped casing volume before pressure was established). Pumped 500 gals of 15% HCl acid, then fracture stimulated the Basal Fruitland Coal with 59,000 gallons of 15 vis (pad) and 12 vis (sand laden fluid) Silver Stim LT with Sandwedge X-linked gel system containing 128,000 lbs of 20/40 sand as follows:

15,000 gals of 15 vis Silver Stim LT pad	30 BPM @ 1300 psi
7,000 gals of 12 vis Silver Stim LT w/1 ppg 20/40 sand	30 BPM @ 1250 psi
10,000 gals of 12 vis Silver Stim LT w/2 ppg 20/40 sand	30 BPM @ 1150 psi
12,000 gals of 12 vis Silver Stim LT w/3 ppg 20/40 sand	30 BPM @ 850 psi
10,000 gals of 12 vis Silver Stim LT w/4 ppg 20/40 sand	31 BPM @ 800 psi
5,000 gals of 12 vis Silver Stim LT w/5 ppg 20/40 sand	31 BPM @ 750 psi
1,450 gals of flush	30 BPM @ 800 psi

ISIP was 400 psi, decreasing to 350 psi after 15 minutes. Average rate 30 BPM, average pressure 1050 psi. Maximum pressure 1300 psi, minimum pressure 750 psi. Ran Weatherford frac plug in hole on wireline and set at 2182 ft. Pressure tested plug to 3500 psi, lost 400 psi in 5 minutes (typical for frac plug). Perforated the Upper Fruitland Coal interval with 3 1/8" casing gun at 3 JSPF as follows:

1970 - 1972	2 ft	6 holes	.34" diameter
2012 - 2016	4 ft	12 holes	.34" diameter
2023 - 2027	4 ft	12 holes	.34" diameter
2098 - 2104	6 ft	18 holes	.34" diameter
2113 - 2115	2 ft	6 holes	.34" diameter
Total	18 ft	54 holes	.34" diameter

Broke down perforations at 1600 psi. Pumped 500 gals of 15% HCl acid containing 81 bio balls at 5 BPM @ 1000 psi. Saw some ball action then a large break back in pressure to a final rate of 5 BPM @ 550 psi, with an ISIP of 350 psi. Fracture stimulated the Upper Fruitland Coal with 39,250 gallons of 15 vis (pad) and 12 vis (sand laden fluid) Silver Stim LT with Sandwedge X-linked gel system containing 75,000 lbs of 20/40 sand as follows:

11,000 gals of 15 vis Silver Stim LT pad	31 BPM @ 1300 psi
5,000 gals of 12 vis Silver Stim LT w/1 ppg 20/40 sand	29 BPM @ 1100 psi
7,000 gals of 12 vis Silver Stim LT w/2 ppg 20/40 sand	31 BPM @ 1050 psi
9,000 gals of 12 vis Silver Stim LT w/3 ppg 20/40 sand	31 BPM @ 1000 psi
7,250 gals of 12 vis Silver Stim LT w/4 ppg 20/40 sand	31 BPM @ 1000 psi*
1,300 gals of flush	31 BPM @ 1000 psi

\*Job was cut short of plan (no 5 ppg stage) due to lack of sand storage. ISIP was 700 psi, decreasing to 550 psi after 15 minutes. Average rate 31 BPM, average pressure 1100 psi. Maximum pressure 1300 psi, minimum pressure 950 psi. Total load fluid to recover from both jobs is 2575 barrels. Shut well in overnight to allow gel to break.

- 12/23/05 Move in and rig up JC Well Service completion rig. Nipple up wellhead. Nipple up BOP. Pick up 3 7/8" bit and 2 3/8" tubing. Tag sand fill at 2071 ft (10 ft of perforations open, 8 ft of perforations covered, 111 ft of fill to frac plug at 2182 ft). Pull 5 jts of tubing. Shut down for Christmas weekend.
- 12/24/05 Shut down, Christmas weekend.
- 12/25/05 Shut down, Christmas weekend.
- 12/26/05 No pressure on well this morning. Rigged up air package on rig. Circulated 111 ft of sand fill from hole to frac plug 2182 ft. Drilled on frac plug for 3 hrs, fell through. Trip tubing in hole and tagged fill at 2228 ft (at bottom of perforations, 74 ft above PBTD). Tripped 25 jts out of hole and shut down for the night.
- 12/27/05 There was approximately 100 psi on well this morning. Bleed down pressure. Circulated 74 ft of sand fill from hole to PBTD of 2302 ft. Tripped tubing and bit out of hole. Trip in hole with tubing and land as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
GL to landing point	3.00	0 - 3
71 jts of 2 3/8" 4.7#/ft J55 EUE		
yellowband tubing	2220.90	23 - 2224
1 seating nipple	1.10	2224 - 2225
1 tail joint of 2 3/8" tubing	16.16	2225 - 2241
	2241.16	

Nipple down BOP, nipple up wellhead. Shut down for the night.

12/28/05 There was 5 psi on the tubing and 260 psi on the annulus on this well this morning. Bleed down tubing pressure. Trip in hole with rods as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	0.00	0 - 0
1 1 ¼" Polished rod (6 ft out)	16.00	0 - 10
2 used pony rods	10.00	10 - 20
87 3/4" used rods	2175.00	20 - 2195
rod stretch	17.00	2195 - 2212
1 1 ½" top holdown pump	<u>12.00</u>	2212 - 2224
	2224.00	

Released rig. Job complete. Wait on surface equipment for pumping.