

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

- | | |
|--|--|
| <p>1. Type of Well
GAS</p> <hr/> <p>2. Name of Operator
BURLINGTON RESOURCES
OIL & GAS COMPANY</p> <hr/> <p>3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M
1710' FSL, 790' FWL, Sec.1, T-30-N, R-12-W, NMPM
L</p> | <p>5. Lease Number
NM-02707</p> <p>6. If Indian, All. or Tribe Name</p> <p>7. Unit Agreement Name</p> <p>8. Well Name & Number
Bolack F #2</p> <p>9. API Well No.
30-045-26467</p> <p>10. Field and Pool
Basin Fruitland Coal/
Aztec Pictured Cliffs</p> <p>11. County and State
San Juan Co, NM</p> |
|--|--|

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input checked="" type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - abandon Pictured Cliffs	

13. Describe Proposed or Completed Operations

It is intended to recomplate the subject well in the Fruitland Coal formation according to the attached procedure and wellbore diagram. The Pictured Cliffs zone will be abandoned.

RECEIVED
 OCT 23 1996
 OIL CON. DIV.
 DIST. 3
 ORO (FARMINGTON) NM
 10/23/96

14. I hereby certify that the foregoing is true and correct.

Signed *Regan Shanfield* (LJB4) Title Regulatory Administrator Date 10/9/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

OCT 17 1996
Chip Harroder
for **DISTRICT MANAGER**

9

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Hrasas Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

Form C-101
 Revised February 21, 1991
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-045-26467		* Pool Code 71629/71280	* Pool Name Basin Fruitland Coal/Aztec Pict.Cliffs
* Property Code 6838	* Property Name Rolack F		* Well Number 2
* OGRID No. 14538	* Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY		* Elevation 5745'

¹⁰ Surface Location

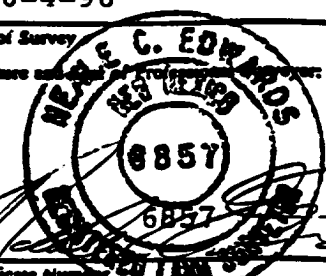
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	1	30 N	12 W		1710	South	790	West	S.J.

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹³ Dedicated Acres S/315.35-	¹³ Joint or Infill 160	¹⁴ Consolidation Code	¹⁵ Order No.
--	--------------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	Not resurveyed, prepared from a plat by Fred R. Kerr, JR. dated 4-30-85.	¹⁷ OPERATOR CERTIFICATION	
		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	<p style="text-align: center;">RECEIVED OCT 23 1996 OIL CON. DIV. DIST. 3</p>	<p><i>Peggy Bradfield</i> Signature</p> <p>Peggy Bradfield Printed Name Regulatory Administrator Title 10-9-96 Date</p>	
		<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>10-4-96 Date of Survey</p> <p>Signature  NEALS C. EDWARDS NEW MEXICO 8857 6857 Certificate Number</p>	

Bolack F #2
Recommend Recompletion Procedure
NE/SW Section 1, T30N, R12W
Lat. 36.838501 Long. 108.055710

1. Hold safety meeting. Comply with all MOI, BLM and NMOCD rules and regulations. Blow well down. Control well with 2% KCL if necessary. ND wellhead, NU 5,000# full opening frac valve. NU BOP. NU frac and flowback manifold to kill valve.
2. TOOH with 2205' of 1-1/4" tubing. Check wellbore diagram for configuration. Visually inspect for and replace all bad jts.
3. TIH with 1-1/4" DP with 2-7/8" casing scraper and 2-1/2" bit. Clean out 2-7/8" from surface to PBTB at 2248' with air.
4. Set 2-7/8" cement retainer at 2114' on 1-1/4" DP. Squeeze 8 sx Class "G" cement. PU tubing and reverse out. TOOH.
5. RU wireline unit. Under packoff, run 2-1/2" gage ring to 2114'. POOH. Run GR-CCL correlation log from 2114' to 1500'. POOH.
6. Run in hole with dump bailer and spot <1/4 sx of sand on top of CR.
7. TIH with 1-1/4" DP. RU acid-pump truck. Load hole with 2% KCL. TOOH with 1-1/4" DP. Pressure test CR and casing to 4,000 psi for 15 minutes. Gradually increase pressure to 4000 psi. Release pressure. Contact engineering if test fails. RD pump truck.
8. Swab fluid level to 1800' ft with sand line.
9. NU 5,000# wireline packoff with kill valve.
10. RU wireline unit. Prepare to extreme overbalance perforate lower coals. Under 5,000# packoff head, run 2-1/8" RTG gun with 4 SPF - 0.29" - 6.7 gr Owen charges (RTG-2125-402NT) at 60° phasing.
11. RU nitrogen unit. Pressure test surface lines to 5000 psi. Pressure casing with nitrogen to 4000 psi. Have all personnel on location a minimum of 100' ft from wellhead. Holding 4000 psi on well, perforate intervals: 2078'-2081', 2084'-2098', and 2101'-2104'. Correlate CNL with Basin GR-CCL.
12. Monitor pressure on well for 15 minutes. Release pressure on well. Control well with 2% KCL if necessary prior to POOH with wireline. Pull guns into lubricator.
13. Shut frac valve. ND wireline packoff.
14. TIH with 1-1/4" DP and 2-7/8" Guiberson retrievable bridge plug. Set RBP at 2060'. Lower perf at 2078'. Upper perf will be at 2052'.
15. Load hole with 2% KCL. TOOH.
16. RU wireline unit. Run in hole and with dump bailer and place 3' (1/2 gal) of sand on top of RBP.
17. ND BOP. RU to 5000 psi frac valve. Pressure test RBP and casing to 4,000 psi for 15 minutes. Gradually increase pressure to 4000 psi. Release pressure. Contact engineering if test fails. RD pump

truck.

18. Swab fluid level to 1700' ft with sand line.
19. NU wireline packoff.
20. Prepare to extreme overbalance perforate middle coals. Under 5,000# packoff head, run 2-1/8" RTG gun with 4 SPF - 0.29" - 6.7 gr Owen charges (RTG-2125-402NT) at 60° phasing. Correlate CNL with Basin GR-CCL.
21. RU nitrogen unit. Pressure test surface lines to 5000 psi. Pressure casing with nitrogen to 4000 psi. Have all personnel on location a minimum of 100' ft from wellhead. Holding 4000 psi on well, perforate intervals: 2020'-2023' and 2050'-2052'.
22. Monitor pressure on well for 15 minutes. Release pressure on well. Control well with 2% KCL if necessary prior to POOH with wireline. Pull guns into lubricator.
23. Shut frac valve. ND wireline packoff. NU Bowen BOP.
24. TIH with 1-1/4" DP and 2-7/8" Guiberson retrievable bridge plug. Set RBP at 1962'. Lower perf at 2020'. Upper perf will be at 1956'.
25. Load hole with 2% KCL. TOOH
26. RU wireline unit. Run in hole and with dump bailer and place 3' (1/2 gal) of sand on top of RBP.
27. ND BOP. RU to 5000 psi frac valve. Pressure test RBP and casing to 4,000 psi for 15 minutes. Gradually increase pressure to 4000 psi. Release pressure. Contact engineering if test fails. RD pump truck.
28. Swab fluid level to 1600' ft with sand line.
29. NU wireline packoff.
30. Prepare to extreme overbalance perforate upper coals. Under 5,000# packoff head, run 2-1/8" RTG gun with 4 SPF - 0.29" - 6.7 gr Owen charges (RTG-2125-402NT) at 60° phasing. Correlate CNL with Basin GR-CCL.
31. RU nitrogen unit. Pressure test surface lines to 5000 psi. Pressure casing with nitrogen to 4000 psi. Have all personnel on location a minimum of 100' ft from wellhead. Holding 4000 psi on well, perforate intervals: 1911'-1915' and 1952'-1956'.
32. Monitor pressure on well for 15 min. Produce into the pit for 1 hr. Obtain pitot gauge. Shut-well in. Lay down perforating guns. ND grease lubricator. Release nitrogen unit. Kill well with minimal 2% KCL. NU BOP.
33. TIH with 1-1/4" DP and retrieving head. Retrieve 2-7/8" RBP set at 1962'. TOOH with DP and RBP.
34. Obtain pitot gauge.
35. TIH with 1-1/4" DP and retrieving head. Retrieve 2-7/8" RBP set at 2060'. TOOH with DP and RBP.

36. TIH with notched collar on 1-1/4" tubing and clean out to CP. at 2114" until sand returns and water production are minimal. Obtain pitot gauges.
37. Kill well with minimal 2% KCL. ND BOP. ND Frac valve. NU BOP.
38. TIH with 2084' of 1-1/4" tubing with standard seating nipple and one joint with pump off plug on bottom. Tag fill and do final cleanout if necessary. Land tubing string.
39. ND BOP and NU independent wellhead. Pump off plug. Take final Pitot gauge and gas, oil and water samples.
40. Rig down and release rig.

Approved By:

 2-17-96
D. B. Jensen

 2/17
Drilling Superintendent

Vendors:

Wireline Services
Pumping Services
Bridge Plug

Basin Perforating (327-5244)
BJ Services (327-6288)
Guiberson (327-9127)

Engineer: Leonard Biemer 

(H) 326-2381 (W) 326-9703 (P) 326-8940

Pertinent Data Sheet - Bolack F #2

Location: 1710' FSL, 790' FWL, Unit L, Section 01, T30N, R12W, San Juan County, New Mexico
Lat: 37.048523 **Long:** 108.040955

Field: Aztec Pictured Cliffs **Elevation:** 5745' GR
5758' KB **TD:** 2258'
PBTD: 2248'

Completed: 10/08/85 **Spud Date:** 07/18/85 **DP #:** 54149A
Workover: 05/28/87 **1st Delivery:** 11/04/85 **Lease #:** NM-02707
Prop #: 012649602
API #: 30-045-2646700

Casing Record:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
12-1/4"	8-5/8"	24.0# K-55	144'	130 cf	Circ/Surface
7-7/8"/6-3/4" (1595')	2-7/8"	6.5# J-55 Baffle Marker Joint	2258' 2248' 2075'	801 cf	TOC @ 250' TS

Liner Record: None

Tubing Record:

<u>Tbg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>
1-1/4"	2.3# IJ V-55	2205' (68 jts)

Formation Tops:
Ojo Alamo: 550'
Kirtland: 645'
Fruitland: 1755'
Pictured Cliffs: 2106'

Logging Record: Gamma-Ray Correlation Log, Temp Survey, Comp Density Dual Spaced Neutron, Ind. Log

Stimulation:

Perf'd: 2118', 2124', 2134', 2143', 2152', 2169', 2176', 2193', 2200' & 2213' w/1 SPZ
Frac'd: w/62,000# 10/20 Sand & 69,520 gal slickwater. Flush w/500 gal water.

Workover History:

05/87: Clean sand out of wellbore to PBTD. Land 68 jts 1-1/4" 2.33# IJ V-55 tbg @ 2205'.

Transporter: EPNG

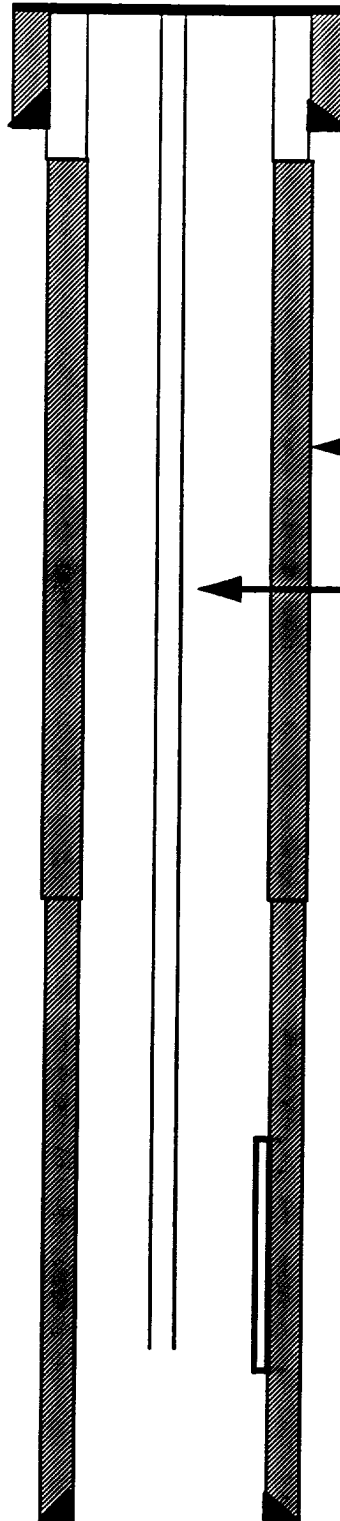
BOLACK F #2

CURRENT

AZTEC PICTURED CLIFFS

UNIT L, SECTION 01, T30N, R12W, SAN JUAN COUNTY, NEW MEXICO

COMPLETION: 10/08/85
WORKOVER: 5/28/87



8-5/8" 24.0# K-55 CSG SET @ 144'
CIRC 130 CF CMT TO SURFACE

TOC @ 250' (TEMP SURVEY)

2-7/8" 6.5# J-55 CSG SET @ 2258'
CIRC W/801 CF CMT TO 250' TS

1-1/4" 2.3# 10 rd. IJ V-55 TBG @ 2205'

OJO ALAMO @ 550'

KIRTLAND @ 645'

HOLE CHANGES SIZE FROM 7-7/8" TO 6-3/4" @
1595'

BAFFLE @ 2248'
MARKER JOINT @ 2075'

FRUITLAND COAL @ 1755'

PERF'D @ 2118', 2124', 2134', 2143', 2152', 2169', 2176',
2183', 2200' & 2213' W/1 SPZ
FRAC'D W/62,000# 10/20 SAND & 69,520 GAL
SLICKWATER. FLUSH W/500 GAL WATER

PICTURED CLIFFS @ 2114'

PBTD @ 2248'
TD @ 2258'

BOLACK F #2

PROPOSED
BASIN FRUITLAND COAL
UNIT L, SECTION 01, T30N, R12W, SAN JUAN COUNTY, NEW MEXICO

COMPLETION: 10/08/85
WORKOVER: 5/28/87

