# UNITED STATES

## DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wel	ls	
	5.	Lease Number
1. Type of Well GAS	6.	
	7.	Unit Agreement Name
2. Name of Operator  BURLINGTON  RESOURCES  OIL & GAS COMPANY		
3. Address & Phone No. of Operator	8.	Well Name & Number Bolack F #2
PO Box 4289, Farmington, NM 87499 (505) 326-9700	9.	
4. Location of Well, Footage, Sec., T, R, M 1710'FSL, 790'FWL, Sec.1, T-30-N, R-12-W, NMPM	10.	Field and Pool Basin Fruitland Coal/
1/10 FSL, /90 FWL, Sec.1, 1-30-N, R-12-W, NMPM	11.	Aztec Pictured Cliffs County and State San Juan Co, NM
Subsequent Report Plugging Back	Change of Pl New Construct Non-Routine Water Shut of Conversion t	tion Fracturing ff
It is intended to plug and abandon the subject w procedure and wellbore diagram.	well according t	o the attached
DECE N MAY - 9	1997 D	RECEIVE 97 123 30 FH 97 123 30 FH
100 110 Ibid	J. DIV.	12: 58 
14. I hereby certify that the foregoing is true and Signed Lagran Staahuel (KM4) Title Regulator	correct.	
(This space for Federal or State Office use) APPROVED BY	Date _	MAY - 6 1007

#### PLUG AND ABANDONMENT PROCEDURE

4-1-97

#### Bolack F #2

Fruitland Coal Well 1710' FSL and 790' FWL SW, Sec. 1, T30N, R12W San Juan County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

- 1. Prepare blow pit. Comply to all NMOCD, BLM and Burlington safety regulations. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and install cementing valve.
- 2. Open bradenhead valve. Establish rate down 2-7/8" casing with 20 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If no flow or blow, then pump 25 frac balls in additional water and monitor pressure, rate and volumes pumped, to confirm perforations are taking water and there is not a leak. If bradenhead flows water or there are other indications of a casing leak, then MO and RU pulling unit to use 1-1/4" IJ tubing workstring to plug the well.
- 3. Plug #1 (Pictured Cliffs interval, Fruitland Coal perforations, Kirtland and Ojo Alamo tops, 2114' 250'): Establish rate into Fruitland Coal perforations. Mix and pump 62 sxs Class B cement (20% excess, long plug) and bullhead down 2-7/8" casing, displace to 250' with water. Shut in well and WOC.
- 4. Rig up mast truck and tag cement with wireline. Pressure test casing to 1000#.
- 5. Plug #2 (Surface) Perforate 2 squeeze holes at 194'. Establish circulation out bradenhead valve. Mix and pump approximately 60 sxs Class B cement down 2-7/8" casing, circulate good cement to surface. Shut in well and WOC.
- 6. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Approval:

Approval:

Drilling Syperintendent

## Bolack F #2

### Proposed P&A

Today's Date: 4/1/97

Spud: 7/18/85

Completed: PC - 10/8/85

Re-completed: FtC - 1/21/97

Elevation: 5745' (GL)

(KB)

Logs: GRL; CDN, IES

Nacimiento @ Surface

Ojo Alamo @ 550'

Kirtland @ 645'

7-7/8" hole to 1595'

Fruitland @ 1755'

Pictured Cliffs @ 2106'

6-1/4" Hole

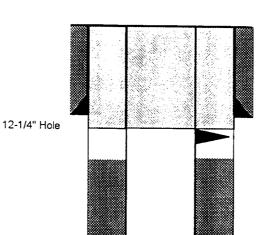
**PBTD 2248** 

TD 22581

DPNO #54149A

Fruitland Coal

SW Section 1, T-30-N, R-12-W, San Juan County, NM

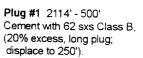


8-5/8" 24# K-55 Csg set @ 144' Cmt w/130 cf (Circulated to Surface)

Perforate @ 194'

TOC @ 250' (T.S.)

Plug #2 194' - Surface Cement with 60 sxs Class B



Fruitland Coal Perforations: 2020' - 2104'

CIBP @ 2114' (Set 1997)

Pictured Cliffs Perforations: 2118' - 2213'

2-7/8" 6.5# J-55 Casing set @ 2258' Cemented with 801 cf

Bolack F #2

Current -- 4-24-97

DPNO #54149A

Today's Date: 4/1/97

Spud: 7/18/85

Completed: PC - 10/8/85

Re-completed: FtC - 1/21/97

Elevation: 5745' (GL)

Logs: GRL, CDN, IES

Fruitland Coal

SW Section 1, T-30-N, R-12-W, San Juan County, NM

12-1/4" Hole

Nacimiento @ Surface

Ojo Alamo @ 550'

Kirtland @ 645'

7-7/8" hole to 1595'

Fruitland @ 1755'

Pictured Cliffs @ 2106'

6-1/4" Hole

TD 2258'

**PBTD 2248**'

8-5/8" 24# K-55 Csg set @ 144' Cmt w/130 cf (Circulated to Surface)

TOC @ 250' (T.S.)

#### Well History

May '87: RIH with 1-1/4" tubing: tag fill at 2177'; cleanout w/N2 to 2248'; land tbg.

Jan '97: Pull 1-1/4" tbg; RIH and tag fill at 2210"; CO w/ air to 2248"; set CIBP at 2114', PT csg to 4000#; perforate FtC zone 2078' - 2104' with 4 SPF and 4000# N2; set RBP at 2060'; perforate 2020' -2052'; recover RBP; swab test well, small gas and water, no tubing in well.

Fruitland Coal Perforations: 2020' - 2104'

CIEP @ 2114' (Set 1997)

Pictured Cliffs Perforations: 2118' - 2213'

2-7/8" 6.5# J-55 Casing set @ 2258' Cemented with 801 cf