

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator BURLINGTON RESOURCES</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 990' FSL, 990' FEL, Sec. 2, T-31-N, R-12-W</p>	<p>API # (assigned by OCD) 30-045-20716</p> <p>5. Lease Number B-11625-21</p> <p>6. State Oil&Gas Lease #</p> <p>7. Lease Name/Unit Name Patterson C Com</p> <p>8. Well No. # 1</p> <p>9. Pool Name or Wildcat Blanco Pictured Cliffs</p> <p>10. Elevation:</p>
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Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input 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 type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
JAN 15 1998
OIL CON. DIV.
DIST. 3

SIGNATURE *Ernie Busch* (MEL4) Regulatory Affairs January 14, 1998

(This space for State Use)

Approved by ORIGINAL SIGNED BY ERNIE BUSCH Title DEPUTY OIL & GAS INSPECTOR Date JAN 22 1998

Notify OCD in time to address

PLUG AND ABANDONMENT PROCEDURE

11-3-97

Patterson Com C #1
Blanco Pictured Cliffs
990' FSL and 990' FEL / SE, Sec. 2, T31N, 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. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington Resources safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to blow well down; kill with water as necessary. ND wellhead and NU BOP, test.
3. TOOH and LD 1" tubing (134 joints, 2837'). Round-trip 4-1/2" wireline gauge ring to 2784'.
4. **Plug #1 (Pictured Cliffs perforations and top, 2784' - 2684'):** Set wireline CIBP at 2784'. PU and tally in hole with workstring; TIH open ended and tag CIBP. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix and pump 10 sxs Class B cement and spot balanced cement plug above the CIBP. TOH with tubing.
5. **Plug #2 (Fruitland Coal top, 2475' - 2375'):** Perforate 3 squeeze holes at 2475'. If casing tested, then establish rate into squeeze holes. Set 4-1/2" wireline cement retainer at 2425'. RIH with tubing, sting into retainer and then establish rate into squeeze holes. Mix 36 sxs Class B cement and squeeze 24 sxs cement outside 4-1/2" casing and leave 12 sxs cement inside casing to cover Fruitland top. TOH with tubing.
6. **Plug #3 (Kirtland and Ojo Alamo tops, 1073' - 925'):** Perforate 3 squeeze holes at 1073'. Establish rate into squeeze holes. Set 4-1/2" wireline cement retainer at 1023'. TIH with tubing, sting into retainer and then establish rate into squeeze holes. Mix 50 sxs Class B cement and squeeze 35 sxs outside 4-1/2" casing and leave 15 sxs inside to cover Kirtland and Ojo Alamo tops. TOH with tubing.
7. **Plug #4 (Surface Casing at 108'):** Perforate 3 squeeze holes at 158'. Establish rate out bradenhead valve. Mix and pump approximately 45 sxs Class B cement down 4-1/2" casing from 158' to surface, circulate good cement out bradenhead valve. Shut well in and WOC.
8. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Recommended: M.E. Kirtland
Operations Engineer

Approval: W.J. J. 1/12
Drilling Superintendent

DPNO 57773

Blanco Pictured Cliffs

SE, Section 2, T-31-N, R-12-W, San Juan County, NM

Long: / Lat:

Today's Date: 11-3-97

Spud: 12-10-70

Completed: 12-22-70

Elevation: 6272' (GL)

Logs: IEL, CDL, CBL, GR

Workovers: None

12-1/4" Hole

8-5/8" 24#, Csg. set @ 108'
Cmt w/ 100 sxs (Circulated to Surface)

Perforate @ 158'

Plug #4 158' - Surface
Cmt with 45 sxs Class
B

Ojo Alamo @ 975'

Kirtland @ 1023'

Cmt Retainer @ 1023'

Plug #3 1073' - 925'
Cmt with 50 sxs Class
B,
35 sxs outside casing
and 15 sxs inside

Perforate @ 1073'

Fruitland Coal @ 2425'

Cmt Retainer @ 2425'

Plug #2 2475' - 2375'
Cmt with 36 sxs Class B,
24 sxs outside casing
and 12 sxs inside

Perforate @ 2475'

TOC @ 2550' (CBL)

Pictured Cliffs @ 2831'

Set CIBP at 278.4'

Plug #1 2784' - 2684'
Cmt with 10 sxs Class
B

Pictured Cliffs Perforations:
2834' - 2856' w/ 4 SPF

PBTD 2976'

6-3/4" Hole

TD 2983'

4-1/2" 10.5#, Csg. Set @ 2983'
Cmt w/ 350 sxs

(Perforated 2 Squeeze Holes @ 2814'
Squeezed w/ 300 sxs)

Current

DPNO 57773

Blanco Pictured Cliffs

SE, Section 2, T-31-N, R-12-W, San Juan County, NM

Long: / Lat:

Today's Date: 11-3-97

Spud: 12-10-70

Completed: 12-22-70

Elevation: 6272' (GL)

Logs: IEL, CDL, CBL, GR

Workovers: None

12-1/4" Hole

8-5/8" 24#, Csg. set @ 108'
Cmt w/ 100 sxs (Circulated to Surface)

Note: Bradenhead failure reported.

Ojo Alamo @ 975'

Kirtland @ 1023'

1" Tubing Set at 2837'
(134 joints, line pipe)

Fruitland Coal @ 2425'

TOC @ 2550' (C3L)

Pictured Cliffs @ 2831'

Pictured Cliffs Perforations:
2834' - 2856' w/ 4 SPF

PBTD 2976'

6-3/4" Hole

TD 2983'

4-1/2" 10 5#, Csg. Set @ 2983'
Cmt w/ 350 sxs

(Perforated 2 Squeeze Holes @ 2814'
Squeezed w/ 300 sxs)