

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 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 1760' FSL, 1840' FWL, Sec.16, T-31-N, R-10-W, NMPM, San Juan County, NM</p>	<p>API # (assigned by OCD) 30-045-21829</p> <p>5. Lease Number</p> <p>6. State Oil&Gas Lease # E-3150-1</p> <p>7. Lease Name/Unit Name Brookhaven Com K</p> <p>8. Well No. #13</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"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

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
APR 26 1999
OIL CON. DIV.
DIST. 3

SIGNATURE [Signature] Regulatory Administrator April 19, 1999

trc

(This space for State Use)

Approved by ORIGINAL SIGNED BY ERNIE BUSCH Title DEPUTY OIL & GAS INSPECTOR, DIST. 3 Date APR 23 1999

Brookhaven Com K#13
Blanco Pictured Cliffs
1760' FSL and 1840' FWL, Section 16, T31N, R10W
AIN: 4514201
Latitude 36° 53.7469' / Longitude 107° 53.4055'
San Juan County, New Mexico
PLUG AND ABANDONMENT PROCEDURE
4-09-99

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 with 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 3 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 perforations and Fruitland top, 2857' – 2358')**: Establish rate into Pictured Cliffs perforations. Mix and pump 21 sxs Class B cement (50% excess, long plug) and bullhead down 2-7/8" casing, displace to 2000' with water. Shut in well and WOC.
4. Rig up mast truck and tag cement with wireline. Pressure test casing to 500#.
5. **Plug #2 (Kirtland and Ojo Alamo tops also the 8-5/8" Surface Casing Shoe at 135')** Perforate 2 squeeze holes at 1380'. Establish rate into squeeze holes. Mix and pump 113 sxs Class B cement down 2-7/8" casing, squeeze 38 sxs outside 2-7/8" casing from 1380' to 1230', then leave 75 sxs inside casing. 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:

J. Tom Loveland 4/12/99
Operations Engineer

Approval:

Bruce W. Boyer 4.15.99
Drilling Superintendent

Operations Engineer: L. Tom Loveland

Office: 326-9771
Pager: 324-2568
Home: 564-4418

Brookhaven Com K #13

Current

AIN: 4514201

Blanco Pictured Cliffs Ext.

SW, Section 16, T-31-N, R-10-W, San Juan County, NM

Latitude 36° 53.7469' / Longitude 107° 53.4055'

Today's Date: 4/5/99 Nacimiento @ surface

Spud: 9/15/75

Completed: 10/16/75

Elevation: 6037' (GL)

Logs: IES, FDC-GR, T.S.,
CCL-GR, CBL

12-1/4" Hole

8-5/8" 24# K-55 Csg set @ 135'
Cmt w/148 cf (Circulated to Surface)

Workover History

Oct '96: Bradenhead Repair: Spot sand plug over perfs; PT casing to 1000#, held OK; run CBL, found TOC at 1445'; perf'd 2 sqz holes at 1230', establish circulation to surface; squeeze with 600 sxs Class G, circulate cement out bradenhead; drill out from 1098' to 1240'; PT to 750#, held OK; CO with air to PBTD, LD drill 1-1/4" pipe and return well to production.

Ojo Alamo @ 1230'

Squeeze holes perf'd @ 1230' ('96)

Kirtland @ 1330'

7-7/8" hole
(switched to 6-3/4"
bit @ 1397')

TOC @ 1445' ('96 CBL)

Fruitland @ 2408'

Pictured Cliffs @ 2790'

Pictured Cliffs Perforations:
2796' - 2857'

6-3/4" Hole

PBTD 2944'

2-7/8" 6.4#, J-55 Casing set @ 2955'
Cemented with 760 cf

TD 2955'

Brookhaven Com K #13

Proposed P&A

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8-5/8" 24# K-55 Csg set @ 135'
Cmt w/148 cf (Circulated to Surface)

Ojo Alamo @ 1230'

Plug #2

Inside casing from 1380' - Surface
Cement with 38 sxs Class B;
Outside casing from 1380' - 1230'
Cement with 75 sxs Class B,
total of 113 sxs.

Squeeze holes perf'd @ 1230' ('96)

Kirtland @ 1330'

Perforate @ 1380'

7-7/8" hole
(switched to 6-3/4"
bit @ 1397')

TOC @ 1445' ('96 CBL)

Fruitland @ 2408'

Plug #1 2857' - 2358'
Cement with 21 sxs Class B,
(long plug, 50% excess
displace to 2000')

Pictured Cliffs @ 2790'

Pictured Cliffs Perforations:
2796' - 2857'

6-3/4" Hole

2-7/8" 6.4#, J-55 Casing set @ 2955'
Cemented with 760 cf

PBTD 2944'

TD 2955'

