

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

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

API # (assigned by OCD)  
30-045-21829

5. Lease Number

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

6. State Oil&Gas Lease #  
E-3150-1

7. Lease Name/Unit Name

Brookhaven Com K

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well No.  
#13

9. Pool Name or Wildcat  
Blanco Pictured Cliffs

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

10. Elevation:

Type of Submission

Type of Action

☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Recompletion

☐ New Construction

☐ Subsequent Report

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Final Abandonment

☐ Altering Casing

☐ Conversion to Injection

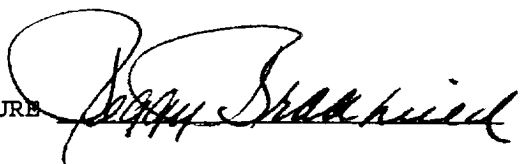
☐ Other

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  
JUL - 6 1999  
OIL CON. DIV.  
DIST. 3

SIGNATURE



Regulatory Administrator

July 2, 1999

trc

(This space for State Use)

ORIGINAL SIGNED BY CHARLIE T. PERPIN

Approved by

Title

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Date

JUL - 6 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**

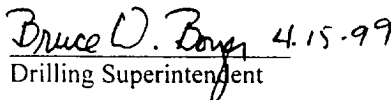
Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

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:

 4/12/99  
Operations Engineer

Approval:

 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'; perfed 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'

PBTD 2944'

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

6-3/4" Hole

TD 2955'

# Brookhaven Com K #13

## Proposed P&A

AIN: 4514201

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

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CCL-GR, CBL

12-1/4" Hole

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'