

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

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON  
RESOURCES** OIL & GAS COMPANY

3. Address & Phone No. of Operator

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

4. Location of Well, Footage, Sec., T, R, M

1480' FNL, 1780' FWL, Sec. 15, T-31-N, R-10-W, NMPM, San Juan County, NM

API # (assigned by OCD)

30-045-~~21617~~ 21617

5. Lease Number  
Fee

6. State Oil & Gas Lease #

7. Lease Name/Unit Name

Kelly A

8. Well No.  
#5

9. Pool Name or Wildcat  
Blanco Pictured Cliffs

10. Elevation:

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ 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 20 1999  
OIL CON. DIV.  
DIST. 3

SIGNATURE [Signature] Regulatory Administrator \_\_\_\_\_ April 19, 1999 \_\_\_\_\_

trc \_\_\_\_\_

(This space for State Use)

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

**Kelly A #5**  
**Blanco Pictured Cliffs**  
**1480' FNL & 1780' FWL, Sec. 15, T31N, R10W**  
**AIN 4395301**  
**Latitude / Longitude: 36° 54.0930' / 107° 52.3297'**  
**San Juan County, New Mexico**  
**PLUG AND ABANDONMENT PROCEDURE**  
**4-12-99**

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. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations. Conduct safety meeting for all personnel on location. Blow well down; kill with water as necessary.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP, test BOP. Round-trip 2-7/8" gauge ring to 2916'.
3. **Plug #1 (Pictured Cliffs perforations and top, 2916' - 2816')**: Set 2-7/8" wireline CIBP at 2916'. RIH with open ended 1-1/4" tubing and tag CIBP. Load casing with water and establish circulation. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix 5 sxs Class B cement and spot a balanced plug inside casing above the CIBP to isolate the Pictured Cliffs perforations. TOH with tubing.
4. **Plug #2 (Fruitland top, 2575' - 2475')**: Perforate 2 squeeze holes at 2575'. If casing pressure tested, then establish rate into squeeze holes. Keep pressure below 1000# to protect the squeeze holes at 1490' and 250'. Set 2-7/8" wireline cement retainer at 2525'. TIH with tubing and sting into retainer. Establish rate under retainer. Mix and pump 40 sxs Class B cement, squeeze 35 sxs outside 2-7/8" casing and leave 5 sxs inside. TOH with tubing to 1540'.
5. **Plug #3 (Kirtland and Ojo Alamo tops, 1540' - 1265')**: Mix and spot 9 sxs Class B cement inside casing to isolate old squeeze hole and Kirtland and Ojo Alamo tops. TOH to 400'.
6. **Plug #4 (8-5/8' Surface casing at 246')**: Establish circulation out casing valve. Mix and spot 11 sxs Class B cement inside casing from 400' to surface to cover old squeeze hole and surface casing shoe, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC.
7. ND BOP and cut off wellhead below surface casing head. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors, and restore location.

Recommended: \_\_\_\_\_

Operations Engineer

4/12/99

Approval: \_\_\_\_\_

Drilling Superintendent

4.14.99

Operations Engineer: L. Tom Loveland

Office: 326-9771

Pager: 324-2568

Home: 564-4418

# Kelly A #5

Current

AIN 4395301

Blanco Pictured Cliffs

NW, Section 15, T-31-N, R-10-W, San Juan County, NM

Latitude / Longitude: 36° 54.0930' / 107° 52.3297'

Today's Date: 4/12/99

Spud: 1/24/75

Completed: 7/10/75

Elevation: 6168' (GL)

Logs: TDT-K-GR, T.S., CBL

Workovers: July '96

Nacimiento @ surf.

12-1/4" Hole

TOC @ 850'  
(6-29-96 CBL)

7-7/8" Hole  
to 1304'

Ojo Alamo @ 1315'

Kirtland @ 1440'

Fruitland @ 2555'

Pictured Cliffs @ 2955'

6-3/4" Hole

PBTD  
3173'

TD 3184'

8-5/8" 24#, J-55, Csg. set @ 246'  
Cmt w/354 cf (Circulated to Surface)

Perf sqz holes at 350', squeeze w/125  
sxs cmt, circ to surface. (6-29-96)

## Workover History

July '96: Bradenhead Repair: Set RBP at 2726'; ran CBL; perf 2 sqz holes at 1490'; cement with 430 sxs "B", no circulation to surface, pressured up to 1100#; WOC, TIH and wash out cement to 1190'; TOH with drill pipe; pressure up to 1000# and WOC overnight; drill out cement from 1190' to 1490'; ran CBL; perf sqz holes at 350'; cement with 125 sxs B, circulate to surface and then sqzd 35 more sxs; drilled out 250' to 350'; PT casing to 500#, OK but BH had 50# which blew down immediately; clean out and recover RBP; clean out to PBTD and blow well

Perf sqz holes at 1490, squeeze w/430  
sxs cmt, no circ. (6-28-96)

TOC @ 2585' ('96 CBL)

Pictured Cliffs Perforations:  
2966' - 2976' (6 holes)

2-7/8" 6.4#, J-55 Casing Set @ 3184'  
Cement with 1304 cf.

# Kelly A #5

Proposed P&A

AIN 4395301

Blanco Pictured Cliffs

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6-3/4" Hole

PBTD  
3173'

TD 3184'

8-5/8" 24#, J-55, Csg. set @ 246'  
Cmt w/354 cf (Circulated to Surface)

Perf sqz holes at 350', squeeze w/125  
sxs cmt, circ to surface. (6-29-96)

Plug #4 400' - Surface  
Cmt with 11 sxs Class B

Plug #3 1540' - 1265'  
Cmt with 9 sxs Class B

Perf sqz holes at 1490, squeeze w/430  
sxs cmt, no circ. (6-28-96)

Plug #2 2575' - 2475'  
Cmt with 40 sxs Class B,  
35 sxs outside casing  
and 5 sxs inside.

Cement Rt @ 2525'

Perforate @ 2575'

TOC @ 2585' ('96 CBL)

Plug #1 2916' - 2816'  
Cmt with 5 sxs Class B

Set CIBP @ 2916'

Pictured Cliffs Perforations:  
2966' - 2976' (6 holes)

2-7/8" 6.4#, J-55 Casing Set @ 3184'  
Cement with 1304 cf.