

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

2006 FEB 14 PM 3 44

RECEIVED  
070 FARMINGTON NM

1. Type of Well  
GAS

2. Name of Operator  
**BURLINGTON**  
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M  
Sec., T—N, R—W, NMPM  
Unit N (SESW), 1025' FSL & 1850' FWL, Sec. 10, T28N, R11W NMPM

5. Lease Number  
NM-020982  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name

8. Well Name & Number

Delo #4  
9. API Well No.

30-045-20961  
10. Field and Pool

Fulcher Kutz Pictured Cliffs  
11. County and State  
San Juan, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission:

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

Type of Action:

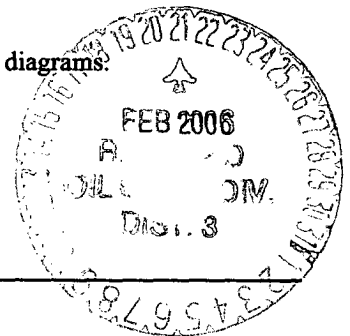
- ☒ Abandonment  
☐ Recompletion  
☐ Plugging  
☐ Casing Repair  
☐ Altering Casing

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-off  
☐ Conversion to Injection

☐ Other :

13. Describe Proposed or Completed Operations

It is intended to Plug & Abandon the subject well according to the attached procedure and well bore diagrams:



14. I hereby certify that the foregoing is true and correct.

Signed Philana Thompson Title Regulatory Compl Associate III Date 2/13/06

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date FEB 16 2006

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

**Delo #4 -Fulcher Kutz Pictured Cliffs**  
**AIN #2263401 Lat N36 40.369 Long W107 59.650**  
**PLUG AND ABANDONMENT PROCEDURE**

1025' FSL, 1850' FWL,  
Section 10, T28N, R11W, API 30-045-20961  
San Juan County, New Mexico  
02/03/06

**Note:** All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield,

1. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test rig anchors. Prepare waste fluid holding pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. TOH and tally 51 joints 2.375" tubing, total 1613'. Visually inspect tubing; if necessary LD tubing and PU workstring. Round-trip 4.5" casing scraper or wireline gauge ring to 1494'.
4. **Plug #1 (Pictured Cliffs perforations and Fruitland top, 1494' – 1240')**: TIH and set 4.5" CR at 1494'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 800#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 21 sxs Type III cement and spot a balanced plug inside the casing above the CR to isolate the Pictured Cliffs perforations and to cover the Fruitland top. TOH with tubing.
5. **Plug #2 (Kirtland top, <sup>562</sup>Ojo Alamo top and 7" Surface casing shoe, <sup>562</sup>530' – Surface)**: Perforate 3 squeeze holes at <sup>562</sup>530'. Attempt to establish circulation to surface out the bradenhead. If able the establish circulation and the casing tested, then mix and pump approximately 120 sxs cement down the 4.5" casing to circulate cement to surface. <sup>562</sup>  
If the casing did not test prior to perforating at 530', then set a CR at 480, and attempt to establish circulation out bradenhead with water. If unable to circulate to the surface then set a cement plug from <sup>562</sup>530' to <sup>268</sup>320' inside and outside the 4.5" casing.
6. **Surface Casing shoe, (115' – Surface)**: If unable to circulate cement to surface out the bradenhead as described above, then perforate at 115'. Establish circulation to surface out the bradenhead. Then circulate the BH annulus clean. Mix approximately 50 sxs cement and pump down the 4.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
7. 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:**

Susan M. Linert Operations Engineer

Susan M. Linert Office - (326-9738)  
Cell - (320-0706)

**Approved:**

Lyle Ehrlick Rig Supervisor  
Office 599-4002 Cell 320-2613

**Sundry Required: YES**

Lease Operator: Gerald Gonzales  
Specialist: Donnie Thompson  
Foreman: Jim Work

Cell:	320-1667	Pager:	327-8216
Cell:	320-2639	Pager:	327-8814
Office:	326-6106	Cell:	320-2447

**DELO 4 PC**

Unit NSec.010 T028N R011W  
1025 FSL & 1850 FWL  
San Juan, New Mexico

AIN 2263401  
API: 3004509610  
Meter #: 87801  
Run #: 385

Spud date: 5/10/72  
Completion Date: 6/3/72

GL = 5470'

KB= 5474'

Latitude N36 40.369

Longitude W107 59.650

Current/Proposed Wellbore

**SURFACE CASING RECORD:**

7" 23# set @ 65"

Cemented with 25 sx TOC @ Circ to surface

TOC calculated with 75% Eff

**TUBING RECORD:**

2 3/8" 4.7# J-55 set @ 1613'

Seating Nipple @ 1576'

5/21/02

**PRODUCTION CASING RECORD:**

4 1/2" 9.5# set @ 1671.38'

Cemented with 150 sx TOC @ 378.38'

TOC calculated with 75% Eff

**FORMATION TOPS:**

Ojo Alamo 373'

Fruitland 1290'

PC 1535'

**LOGGING:**

IEL, CDL, GR

**WORKOVER HISTORY:**

8/01: PU LD 1 1/4" tubing

7/03: CO 2 3/8" tubing 1500' to PBTD (1656')  
with 1 1/4" CT

**Squeeze Detail**

5/2002: Holes 1322-1353', BP @1500', Pkr@1103'

200 sx, tag @1137', drill out to 1360', PT 1000 psi

**PICTURED CLIFFS****PERFORATIONS**

1544' - 1540'

1555' - 1560'

1569' - 1573'

**STIMULATION**

6/72: 1544' - 1573', 26,400 gal water with

25,000# 10-20 Sand Fracture treatment

5/02: Pkr @ 1441' Frac PC with 100,000#

12/20 Brady Sand, and 3500 gal clear frac

PBTD= 1656' (7/03)

TD= 1685'