

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

RCVD NOV 14 06  
OIL CONS. DIV.  
DIST. 3

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 L (NWSW), 1650' FSL & 990' FWL, Sec. 34, T27N, R5W NMPM

5. **Lease Number**  
SF-079394

6. **If Indian, All. or  
Tribe Name**

7. **Unit Agreement Name**

San Juan 27-5 Unit

8. **Well Name & Number**

San Juan 27-5 Unit #56

9. **API Well No.**

30-039-06805

10. **Field and Pool**

11. **County and State**  
Blanco MV/ Blanco PC South  
Rio Arriba, 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**

Burlington Resources intends 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*

Philana Thompson

Title Regulatory Tech

Date 11/7/06

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_

Date \_\_\_\_\_

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.

NOV 08 2006

NMOCDB

# PLUG AND ABANDONMENT PROCEDURE

October 25, 2006

## San Juan 27-5 Unit #56

AIN #5338902

South Blanco Pictured Cliffs Ext. / Blanco Mesaverde

1650' FSL and 990' FWL, Section 34, T27N, R5W

Rio Arriba County, New Mexico / API 30-039-06805

Lat: N 36.31670 / Lat: W 107.21073

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 an approved Pit Permit (C-103) from the NMOCD.
2. Install and test rig anchors. Comply with all NMOCD, BLM and Burlington safety rules and regulations. Prepare a lined waste fluid pit. 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.
3. ND wellhead and NU BOP; test the BOP. TOH and LD PC 1.25" tubing, total 3302'. PU on MV 2.375" tubing and release Baker EGJ packer set at 3400'. TOH and tally tubing; LD packer. Total tally 5537'. Note: tubing is perforated from 5502' to 5505'.
4. **Plug #1 (Mesaverde perforations and top, 4946' – 4787')**: Round trip 5.5" gauge ring to 4946'. RIH and set a wireline CIBP at 4946'. Mix 22 sxs Type III cement and spot a balanced plug inside casing above CR to cover the Mesaverde perforations and top.  
→ Chucra plug from 3758' - 3658'
5. **Plug #2 (7.625" casing shoe, 5.5" liner top, Pictured Cliffs and Fruitland tops, 3480' – 2905')**: Mix 113 sxs Type III cement and spot a balanced plug inside casing to cover the 7" casing shoe through the Fruitland top. TOH with tubing.
6. **Plug #3 (Kirtland and Ojo Alamo tops, 2863' – 2545')**: Perforate 3 HSC squeeze holes at 2863'. If the casing tested, then attempt to establish rate into the squeeze holes. Set a 5.5" cement retainer 2813'. Establish rate outside 7" x 9.875" annulus. Mix and pump 178 sxs Type III cement, squeeze 104 sxs outside 7" x 9.875" casing and leave 74 sxs inside casing to cover through the Ojo Alamo top. TOH with tubing.
7. **Plug #4 (Nacimiento top, <sup>1362'</sup>1570' – <sup>1262'</sup>1470')**: Perforate 3 HSC squeeze holes at <sup>1362'</sup>1570'. If the casing tested, then attempt to establish rate into the squeeze holes. Set a 5.5" cement retainer 1520'. Establish rate outside 7" x 9.875" annulus. Mix and pump 63 sxs Type III cement, squeeze 33 sxs outside 7" x 9.875" casing and leave 30 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
8. **Plug #5 (Surface)**: Perforate 3 HSC squeeze holes at 181'. Establish circulation to surface out bradenhead valve, circulate the BH annulus clean. Mix approximately 85 sxs cement and pump down the 5.5" casing to circulate good cement to the surface. Shut in well and WOC.
9. 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.

Recommending Engineer

Allan Rambur

Office: 505-324-5163

Cell: 505-320-1402

Sr. Rig Superintendent

Lyle Ehrlich

Office: 505-599-4002

Cell: 505-320-2613

SPUD DATE 6/29/60  
COMPLETION DATE: 9/1/60

Latitude N36 31.670  
Longitude W107 21.073

**SAN JUAN 27-5 UNIT 56 PC/MV**

Township 027N Range 005W  
Section 034 1650 FSL & 990 FWL  
RIO ARRIBA COUNTY, NM

API: 30039068050000

PC AIN: 5338901  
MV AIN: 5338902  
PC Meter#: 72670  
MV Meter #: 72671

**Current Wellbore****STATUS:** DISCONNECTED BY PIPELINE

10-3/4" 32.75# set @ 131'  
Cemented with 150 sks to Surf. (circ.)

**FORMATION TOPS:**

Ojo Alamo 2,595'  
Kirtland 2,813'  
Fruitland Coal 3,064'  
Pictured Cliffs 3,230'  
Lewis 3,325'  
Cliff House 4,873'  
Menefee 5,010'  
Point Lookout 5,425'  
Mancos 5,530'

7-5/8" 26.4# set @ 3,430'  
Cemented with 115 sks to 2,860' TS  
7/5/1960

**TUBING RECORD:** 7/16/1960

1-1/4" 1.8# J-55 set @ 3,302' Seating nipple @ 3,267'  
2-3/8" 4.7# J-55 set @ 5,537' Seating nipple @ 5,501'  
5-1/2" Baker Model EGJ set @ 3,400'

5-1/2" 15.5# set from 3,349' to 5,624'  
Cemented with 285 sks to 3,349' TS  
7/9/1960

**Current Pressures**

Casing 0 psi  
MV tubing 0 psi  
PC tubing 0 psi

Fluid Level @ 475' on 4/5/06

**Pictured Cliffs:**

Picture Cliffs 3,238' - 3,302'  
30 Mlb 10/20 snd, 32.2 Mgal slk wtr.

Fluid Level @ 3925' on 4/5/06

**Mesa Verde:**

Cliff House 4,874' - 5,004'  
25 Mlb 40/60 snd, 25.2 Mgal slk wtr.

Point Lookout 5,266' - 5,550'  
50 Mlb 20/40 snd, 36.8 Mgal slk wtr.

PBTD: 5,624'  
TOTAL DEPTH: 5,627'

# San Juan 27-5 Unit #56

## Proposed P&A

AIN #5338902

South Blanco Pictured Cliffs Ext. / Blanco Mesaverde

1650' FSL & 990' FWL, Section 34, T-27-N, R-5-W

Rio Arriba County, NM / API #30-039-06805

Lat: N 36.31670 / Long: W 107.21073

Today's Date: 10/25/06

Spud: 6/29/60

Comp: 7/16/60

Elevation: 6528' GL

6537' KB

12.25" Hole

Nacimiento @ 1520'

Ojo Alamo @ 2595'

Kirtland @ 2813'

Fruitland @ 2955'

Pictured Cliffs @ 3230'

9.875" Hole

Mesaverde @ 4837'

6.25" Hole

TD 5627'  
COTD 5571'

10.75", 32.75#, Casing set @ 131'  
150 sxs cement, circulated to surface,

Perforate @ 181'

Plug #5: 181' - 0'  
Type III cement, 85 sxs

Cmt Retainer @ 1520'

Perforate @ 1570'

Plug #4: 1570' - 1470'  
Type III cement, 63 sxs:  
33 outside and 30 inside

Cmt Retainer @ 2813'

Perforate @ 2863'

7.625" TOC @ 2860' (T.S.)

Plug #3: 2863' - 2545'  
Type III cement, 178 sxs:  
104 outside and 74 inside

Plug #2: 3480' - 2905'  
Type III cement, 113 sxs

Pictured Cliffs Perforations:  
3238' - 3302'

TOL @ 3349'  
TOC @ 3349' (T.S.)

7.625" 26.4#, J-55 Casing @ 3430'  
Cemented with 115 sxs

Plug #1: 4946' - 4787'  
Type III cement, 22 sxs

Set CR @ 4946'

Mesaverde Perforations:  
4996' - 5550'

5.5" 15.5# J-55 Casing @ 5624'  
Cemented with 285 sxs