

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

RCVD DEC5'06
OIL CONS. DIV.
DIST. 3

Sundry Notices and Reports on Wells

- 2006 NOV 29 PM 4 35
RECEIVED
070 FARMINGTON NM
- | | |
|--|---|
| <p>1. Type of Well
GAS</p> <p>2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP</p> <p>3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M
Sec., T—N, R—W, NMPM

Unit K (NESW), 1555' FSL & 825' FWL, Sec. 31, T28N, R6W NMPM</p> | <p>5. Lease Number
NMSF-080430-A</p> <p>6. If Indian, All. or Tribe Name</p> <p>7. Unit Agreement Name

San Juan 28-6 Unit</p> <p>8. Well Name & Number

San Juan 28-6 Unit #17</p> <p>9. API Well No.

30-039-07236</p> <p>10. Field and Pool

Blanco MV</p> <p>11. County and State
Rio Arriba, NM</p> |
|--|---|

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 Title Regulatory Tech Date 11/28/06

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____

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.

DEC 04 2006

NMOCD 

PLUG AND ABANDONMENT PROCEDURE

November 13, 2006

San Juan 28-6 Unit #17

AIN #4945501

Blanco Mesaverde

1555' FSL and 825' FWL, Section 31, T28N, R6W

Rio Arriba County, NM / API 30-039-07236

Lat: N 36.36856 / Long: W 107.30796

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. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and BR 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.
2. Project will require an approved Pit Permit (C-103) from the NMOCD.
3. TOH tallying and visually inspect 2.375" tubing, total 5170'. If necessary LD tubing and PU workstring. Round-trip 5.5" casing scraper to 4950'.
4. **Plug #1** (~~Chaco~~^{MV} and Lewis Shale Perforations and top, 3871' – 3771'): TIH and set a 5.5" CR at 3871'. Pressure test tubing to 1000#. Load casing above the CR with water and circulate well clean. Pressure test casing to 800#. *If casing does not test, spot or tag subsequent plugs as appropriate.* Mix and pump 16 sxs Type III cement inside casing above CR to cover isolate the ~~Chaco~~^{MV} and Lewis Shale Perforations and top. TOH with tubing.
5. **Plug #2 (Pictured Cliffs and Fruitland tops, 3370' – 2948')**: Perforate 3 squeeze holes at 3370'. Attempt to establish rate into squeeze holes if casing pressure tested. Set a 5.5" cement retainer at 3320'. Establish rate into squeeze holes. Mix and pump 159 sxs cement, squeeze 111 sxs outside the casing and leave 48 sxs inside to cover through the Fruitland top. TOH with tubing.
6. **Plug #3 (Kirtland and Ojo Alamo tops, 2712' – 2497')**: Perforate 3 squeeze holes at 2712'. Attempt to establish rate into squeeze holes if casing pressure tested. TIH and set 5.5" cement retainer at 2662'. Mix and pump 84 sxs cement, squeeze 57 sxs outside the casing and leave 27 sxs inside to cover through the Ojo Alamo top. TOH with tubing.
7. **Plug #4 (Nacimiento top, 1685' – 1585')** ^{1278' 1178' 1278'}: Perforate 3 squeeze holes at 1685'. Attempt to establish rate into squeeze holes if casing pressure tested. TIH and set 5.5" cement retainer at 1635'. Establish rate into the squeeze holes. Mix and pump 43 sxs Type III cement, squeeze 27 sxs outside the casing and leave 16 sxs inside to cover the Nacimiento top. PUH to 252'.

PLUG AND ABANDONMENT PROCEDURE

November 13, 2006

San Juan 28-6 Unit #17 Con'td

8. **Plug #5 (9.625" casing shoe and surface, 252' - Surface):** Mix and pump approximately 30 sxs cement from 252' to surface, circulate good cement out casing valve. Shut well in and WOC.
9. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Recommended:

Operations Engineer

Approved:

Drilling Superintendent

Engineer

Office - (324-5158)
Cell - (320-3753)

Sundry Required: YES NO

Approved:

Lease Operator: Len Gordon
Specialist: Joey Becker
Foreman: Mark Poulson

Cell: 320-5824 Pager: 327-8441
Cell: 320-2548 Pager: 324-7059
Cell: 320-2523 Pager: 326-8567

SAN JUAN 28-6 UNIT 17 MV

Unit K T028N R006W Sec.031

1555 FSL & 825 FWL

RIO ARRIBA COUNTY, NM

API Number: 30039072360000

AIN: 4945501

Latitude N36 36.856
Longitude W107 30.796Spud date: 11/4/54 Completion Date: 3/28/56
GL = 6636' KB = na

Current as of 9/26/06

STATUS

REGULATORY - PRORATION/ALLWBL

Surface Casing

HOLE SIZE: 12-1/4"

9-5/8" 40# J-55

Set @ 202'

Cemented w/ 175 sx
circ to surf**Intermediate Casing**

HOLE SIZE: 8-1/4"

5-1/2" 15.5# J-55

Set @ 4960'

Cemented w/ 200 sx

TOC @ 4045'

12/97 changed to 4090'

CBL TOC @ 4090'

Tubing Record (1/13/98)

145 jts 2-3/8" 4.7# J-55

Set @ 4538'

SN @ 4505'

Current**Tubing Config (1/13/98)**

(1) 2-3/8" tbg

(1) 2-3/8" (ID 1.81") Baker F-Nipple

(144) 2-3/8" tbg

FORMATION TOPS:

Ojo Alamo 2618'

Kirtland 2662'

Fruitland 2998'

Pictured Cliffs 3320'

Mesaverde 4960'

Menefee 5114'

Point Lookout 5510'

WORKOVER HISTORY:

1991-1997 Shut-in with tubing leak

1996 tubing stuck @ 5200' with freepoint survey
(suspect open hole cave-in)

1997 abandon lower MV, add Lewis Shale

Squeeze job w/4 holes at 3921', 250 sx cmt

Isolate casing leaks 324'-356'. Sqz with 225 sxs. Pressure test held.

Lewis Shale Stimulation

Acidize w/ 3300 gal 15%HCl

Frac w/ 1293 bbl, 30# X-link gel and

292,000#, 20/40 AZ sd, 1,647,000 scf N2

Squeeze job ('07)- 4 holes at 3921', 250 sx cmt

Lewis Shale Perforations:

3921' top perf

1 spf, .30" diameter holes

4531' bottom perf

Cement retainer @4690'

2-3/8" tubing cut off at 4985', left in hole

Mesdaverde openhole completion

Sand-Oil Frac w/ 25,235 gals diesel and

23,680 lbs. Sand.

Open hole filled w/ 260 sx cement on 12/29/97.

PBSD: 4640' (50' cement retainer)

TD: 5660'

11/27/06

Proposed P&A

Lat: N 36.36856 / Long: W 107.30796

Elevation: 6636' GL

12.25" hole

Plug #5: 252' – 0'
Type III cement, 30 sxs

Plug #4: 1685' – 1585'
Type III cement, 43 sxs:
27 outside and 16 inside

Perforate @ 1685'

Plug #3: 2712' – 2497'
Type III cement, 84 sxs:
57 outside and 27 inside

Perforate @ 2712'

Plug #2: 3370' – 2948'
Type III cement, 159 sxs:
111 outside and 48 inside

Cmt Retainer @ 3320'

Perforate @ 3370' Plug #1: 3871' – 3771'
Perforate 4 holes at 3921' and Type III cement, 16 sxs
squeeze with 250 sxs cement
(1997)

Cmt Retainer @ 3871'

TOC @ 3732' (1997 CBL)

Lewis Shale Perforations:
3921' – 4531'

Cement Retainer @ 4690' and
spot with 50' cement (1997)

5.5" 15.5#, J-55 Casing set @ 4960'
Cmt with 200 sxs (236 cf)

Open hole casing collapse. Jet cut tubing at 4985'. Filled with 260 sxs cement. (1997)

Mesaverde Open Hole Interval
4960' – 5660'

Mesaverde @ 4960'

7.875" Hole

4.75" Hole

TD 5660'
PBTD 4640'