

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

Sundry Notices and Reports on Wells

2005 DEC 8 PM 3 23

1. **Type of Well**
GAS

RECEIVED
070 FARMINGTON NM

5. **Lease Number**
SF-079522
6. **If Indian, All. or
Tribe Name**

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

7. **Unit Agreement Name**

San Juan 28-5 Unit

3. **Address & Phone No. of Operator**

8. **Well Name & Number**

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

9. **San Juan 28-5 Unit #71
API Well No.**

4. **Location of Well, Footage, Sec., T, R, M**
Sec., T—N, R—W, NMPM

10. **30-039-20037
Field and Pool**

Unit B (NWNE), 835' FNL & 1525' FEL, Sec. 34, T28N, R5W NMPM

11. **Basin Dakota
County and State
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:

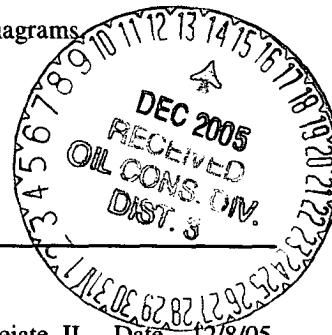
- ☒ Abandonment
☐ Recompletion
☐ Plugging
☐ Casing Repair
☐ Altering Casing

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

☐ Other :

13. Describe Proposed or Completed Operations

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 Associate II Date 12/8/05

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date DEC 12 2005

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.

NMOCD

San Juan 28-5 Unit #71 – Basin Dakota
AIN #5165801
PLUG AND ABANDONMENT PROCEDURE

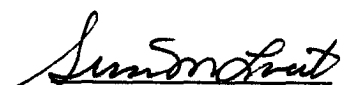
835' FNL & 1525' FEL
Section 34, T028N, R05W, API #30-039-20037
Rio Arriba County, NM
11/30/05

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. Cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

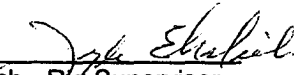
1. Install and test rig anchors. Prepare blow pit. Comply with all NMOC, BLM and BR safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. PU on tubing and release packer at 5294'. TOH and tally 2.375" tubing; LD packer. Visually inspect tubing; if necessary LD tubing and use a workstring. Well had extensive work done in July 2005; run a watermelon mill if the tubing / packer condition warrants such.
3. **Plug #1 (Dakota perforations and top, 7786' – 7686')**: TIH with tubing and set a 4.5" CR at 7786'. Pressure test tubing to 1000#. Load casing with water and circulate the well clean. Attempt to pressure test casing to 800#. *If casing does not test, then spot or tag all plugs as appropriate until the casing does test.* Mix 11 sxs cement and spot a balanced plug above CIBP to isolate the Dakota perforations and top. TOH with tubing.
4. **Plug #2 (Gallup tops ⁵⁰6882' – ⁵⁰6782')**: Perforate 3 squeeze holes at ⁵⁰6882'. TIH and set 4.5" cement retainer at ⁵⁰6832'. Mix and pump 46 sxs cement, squeeze 35 sxs outside and leave 11 sxs inside to cover the Gallup top. PUH to 5480'.
5. **Plug #3 (Mesaverde top, 5480' – 5380')**: Mix 20 sxs cement (excess due to casing leak) and spot a balanced plug inside the casing to cover the Mesaverde top. PUH to 3715'.
Chacra plug 4306' - 4206' inside + outside 4 1/2" casing
6. **Plug #4 (Pictured Cliffs top, 3715' – 3615')**: Mix 20 sxs cement (excess due to casing leak) and spot a balanced plug inside the casing to cover the PC top. TOH with tubing.
7. **Plug #5 (Fruitland and Kirtland tops, 3390' – 3133')**: Perforate 3 squeeze holes at 3390'. TIH and set 4.5" cement retainer at 3340'. Mix and pump 110 sxs cement, squeeze 89 sxs outside and leave 21 sxs inside to cover the Ojo Alamo top. TOH with tubing.
8. **Plug #6 (Ojo Alamo top, 3010' – 2910')**: Mix 20 sxs cement (excess due to casing leak) and spot a balanced plug inside the casing to cover the Ojo Alamo top. TOH with tubing.
9. **Plug #7 (Nacimiento top, 1880' – 1780')**: Perforate 3 squeeze holes at 1880'. TIH and set 4.5" casing at 1830'. Mix and pump 46 sxs cement, squeeze 35 sxs outside the casing and leave 11 sxs inside casing. TOH and LD tubing.

10. **Plug #8 (9.625" casing shoe and surface, 372' - Surface):** Perforate 3 HSC squeeze holes at 372'. Establish circulation to surface out the bradenhead valve with water. Mix and pump approximately 130 sxs cement down the 4.5" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
11. 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:


Susan M. Linert - Production Engineer
Office: 326-9738
Cell: 320-0706

Approved:


Lyle Ehrlich - Rig Supervisor
Office: 559-4002
Cell: 320-2613

Sundry Required: YES NO

Approved: _____

Lease Operator: Mark McKnight

Cell: 320-2649
Pager: 326-8381

Specialist: Joey Becker

Cell: 320-2548
Pager: 3247059

Foreman: Mark Poulson

Office: 324-6159
Cell: 320-2523
Pager: 326-8567

San Juan 28-5 Unit # 71

Current Basin Dakota

AIN #5165801

835' FNL, 1525' FEL, Section 34 T-28-N, R-5-W, Rio Arriba County, NM

Lat: N 36.37375° / Long: 107.20594° / API #30-039-20037

Today's Date: 11/30/05

Spud: 6/8/67

Completed: 7/20/67

Elevation: 6809' GL
6620' KB

Nacimiento @ 1830'

Ojo Alamo @ 2960'

Kirtland @ 3183'

Fruitland @ 3360'

Pictured Cliffs @ 3665'

Mesaverde @ 5430'

Gallup @ 6832'

Dakota @ 7932'

13.75" hole

Holes in Csg @
2700' to 3000'
Squeezed 3 times

Hole in Csg @ 5260'

7.875" Hole

9.625" 32.3#, H-40 Casing set @ 322'
Cement with 200 sxs, circulated

Well History:

April '75: Change out tubing. Land new tubing at 8003', set packer at 7785'.

Jul '05: Casing Leak: TOH with tubing and packer. Small hole at 5260'; packer failed. Isolate casing leak between 2700' and 3000'. Squeeze upper holes with total of 200 sxs cement and lower hole with 35 sxs cement. DO cement. Land tubing at 8004' with packer at 5294'. Load annulus with packer fluid. Well not producing water from squeeze holes. Packer has isolated pinhole leak from water that has saturated DK zone.

2.375" Tubing set at 8004'
(4.7#, EUE, with Packer @ 5294')

TOC @ 3400' (T.S.)

DV Tool at 3791'
Cement with 160 sxs

Packer set @ 5294' (2005)

TOC @ 5312' (Calc. 75%)

DV Tool at 6011'
Cement with 180 sxs

TOC @ 6945' (Calc. 75%)

Dakota Perforations:
7836' - 8034'

4.5" 11.6#/10.5# J-55 Casing set @ 8131'
Cmt with 300 sxs

TD 8131'
PBTD 8099'

San Juan 28-5 Unit # 71

Proposed P&A Basin Dakota

AIN #5165801

835' FNL, 1525' FEL, Section 34 T-28-N, R-5-W, Rio Arriba County, NM

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Mesaverde @ 5430'

Gallup @ 6832'

Dakota @ 7932'

13.75" hole

Holes in Csg @
2700' to 3000'
Squeezed 3 times

Hole in Csg @ 5260'

7.875" Hole

9.625" 32.3#, H-40 Casing set @ 322'
Cement with 200 sxs, circulated

Perforate @ 372'

Cmt Retainer @ 1830'

Perforate @ 1880'

Cmt Retainer @ 3340'

Perforate @ 3390'

TOC @ 3400' (T.S.)

DV Tool at 3791'
Cement with 160 sxs

TOC @ 5312' (Calc. 75%)

DV Tool at 6011'
Cement with 180 sxs

Cmt Retainer @ 6832'

Perforate @ 6882'

TOC @ 6945' (Calc. 75%)

Set CR @ 7786'

Dakota Perforations:
7836' - 8034'

4.5" 11.6#/10.5# J-55 Casing set @ 8131'
Cmt with 300 sxs

Plug #8: 372' - 0'
Type III cement, 130 sxs

Plug #7: 1880' - 1780'
Type III cement, 46 sxs:
35 outside and 11 inside

Plug #6: 3010' - 2910'
Type III cement, 20 sxs

Plug #5: 3390' - 3133'
Type III cement, 110 sxs:
89 outside and 21 inside

Plug #4: 3715' - 3615'
Type III cement, 20 sxs

Plug #3: 5480' - 5380'
Type III cement, 20 sxs

Plug #2: 6882' - 6782'
Type III cement, 46 sxs:
35 outside and 11 inside

Plug #1: 7786' - 7686'
Type III cement, 11 sxs

TD 8131'
PBTB 8099'