

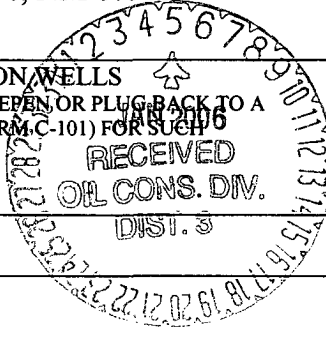
Submit 3 Copies to Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-039-20056
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name San Juan 28-5 Unit
8. Well Number #70
9. OGRID Number 14538
10. Pool name or Wildcat Basin Dakota



SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)  
1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
Burlington Resources Oil & Gas Company LP

3. Address of Operator  
3401 E. 30<sup>th</sup> Street, Farmington, NM 87402

4. Well Location  
Unit Letter L : 1450' feet from the South line and 1175' feet from the West line  
Section 34 Township 28N Range 5W NMPM Rio Arriba County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application ☐ or Closure ☐  
Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_  
Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

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

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Philana Thompson TITLE Regulatory Associate II DATE 12/29/05

Type or print name Philana Thompson E-mail address: PThompson@br-inc.com Telephone No. 505-326-9530

For State Use Only

APPROVED BY: H. Villanueva TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 30 DATE JAN 05 2006

Conditions of Approval (if any):

Note: Holes in CSG - 1917 - 2886'

## **San Juan 28-5 Unit #70 – Basin Dakota PLUG AND ABANDONMENT PROCEDURE**

1450' FSL & 1175' FWL, Section 34, T028N, R05W, Rio Arriba County, NM

Lat N36 36.840 Long W107 21.079

**API #30-039-20056, AIN #5167200**

10/12/05 (revised 12/15/05)

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 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. TOH and LD 1.900" tubing with seal assembly. PU and tallying 2.375" workstring. Round-trip 4.5" casing scraper or wireline gauge ring to 7425'.
3. **Plug #1 (Dakota perforations and top, 7425' – 7375')**: RIH and set a 4.5" wireline CIBP at 7425'. TIH with tubing and tag CIBP. Load casing with water and circulate well clean. Establish rate into existing casing leaks for reference. Spot or tag all plugs as appropriate until the casing does test. Mix 12 sxs cement and spot a balanced plug above CIBP to isolate the Dakota interval. TOH with tubing.
4. **Plug #2 (Gallup tops 6300' – 6200')**: Perforate 3 squeeze holes at 6300'. TIH and set 4.5" cement retainer at 6250'. Mix 46 sxs cement, squeeze 35 sxs outside and leave 11 sxs inside to cover the Gallup top. PUH to 5155'.
5. **Plug #3 (Mesaverde top, 5155' – 5055')**: Mix 11 sxs cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH to 3480'.
6. **Plug #4 (Pictured Cliffs, and Fruitland, tops, 3480' – 3200')**: Mix 23 sxs cement and spot a balanced plug inside the casing to cover the PC and Fruitland tops. TOH with tubing.
7. **Plug #5 (Kirtland and Ojo Alamo tops, 2995' – 2712')**: Perforate 3 squeeze holes at 2995'. TIH and set 4.5" cement retainer at 2945'. Mix 155 sxs cement, squeeze 132 sxs outside and leave 23 sxs inside to cover the Ojo Alamo top. TOH.
8. **Plug #6 (Nacimiento top, 1800' – 1700')**: Perforate 3 squeeze holes at 1800'. TIH and set 4.5" casing at 1750'. Mix 58 sxs cement, squeeze 47 sxs outside the casing and leave 11 sxs inside casing. TOH and LD tubing.
9. **Plug #7 (9.625" casing shoe and surface, 375' - Surface)**: Perforate squeeze holes at 375'. Establish circulation 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. SI and WOC.
10. 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.

**San Juan 28-5 Unit #70 – Basin Dakota  
PLUG AND ABANDONMENT PROCEDURE**


1450' FSL & 1175' FWL, Section 34, T028N, R05W, Rio Arriba County, NM

Lat N36 36.840 Long W107 21.079

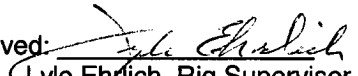
**API #30-039-20056, AIN #5167200**

10/12/05 (revised 12/15/05)

Recommended:

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

Approved:

  
Lyle Ehrlich, Rig Supervisor  
Office – 599-4002  
Cell – 320-2613

**Sundry Required:      YES      NO**

Approved: \_\_\_\_\_

Lease Operator: Tom Brian    Cell: 320-9418    Pager: 324-7273

Specialist: Joe Becker    Cell: 320-2548    Pager: 324-7059

Foreman: Mark Poulson    Office: 324-6159    Pager: 326-8567

# San Juan 28-5 Unit # 70

## Current Basin Dakota

AIN # 5167200 / API #30-039-20056

1450' FSL, 1175' FWL, Section 34 T-28-N, R-5-W, Rio Arriba County, NM

Lat: N 36.846° / Long: 107.793°

Today's Date: 10/12/05

Spud: 7/27/67

Completed: 9/7/67

Elevation: 6594' GL  
6606' KB

Nacimiento @ 1750'

Ojo Alamo @ 2762'

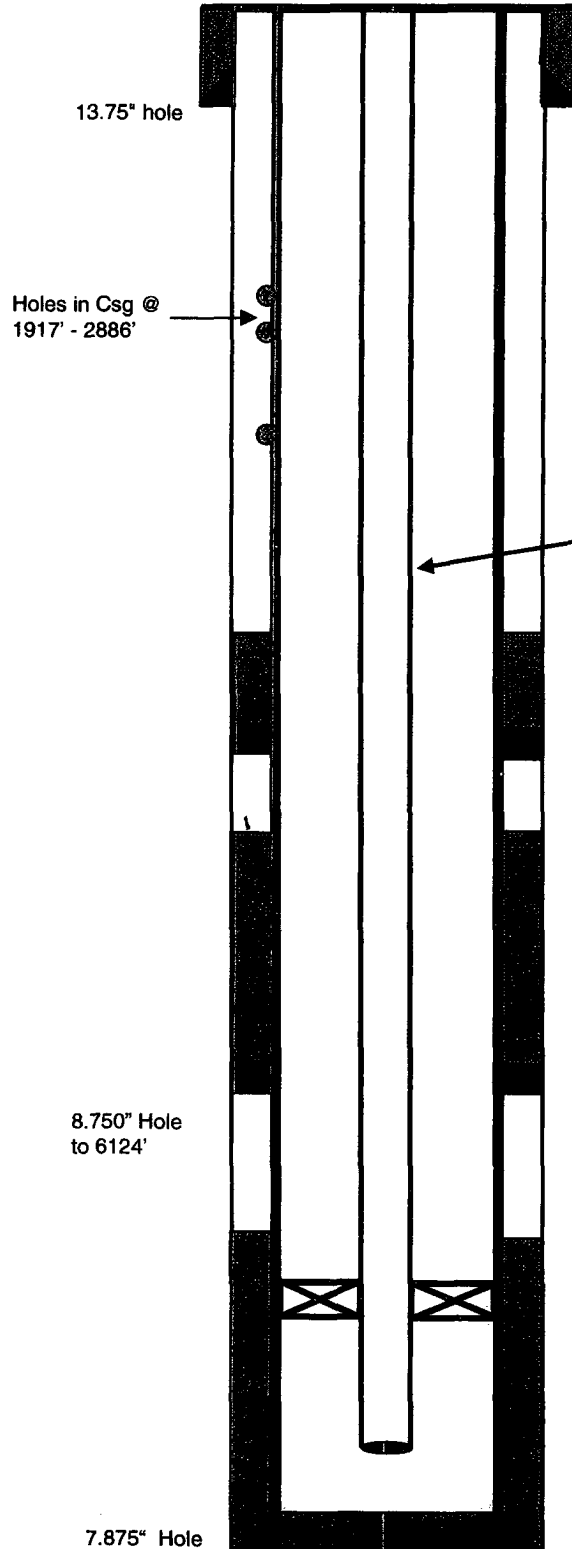
Kirtland @ 2945'

Fruitland @ 3250'  
Pictured Cliffs @ 3430'

Mesaverde @ 5105'

Gallup @ 6250'

Dakota @ 7728'



9.625" 32.3#, H-40 Casing set @ 325'  
Cement with 270 sxs, circulated

### Well History:

**Dec '71: Casing Leak:** Ran Casing Inspection Log, found hole in casing at 1580'. Bad Casing from 1700' to 2600'. Set retainer @ 7557'. Land tubing. Loaded backside with packer fluid.

**Nov '97: Isolate Holes.** Pull tubing. Made multiple packer settings: found holes from 1917 to 2886'. Drill out retainer at 7559. LD 2.375" tubing and set Model "D" packer at 7475'. Land 1.900" tubing.

1.900" Tubing set at 7772'  
(238 joints, EUE, with Baker Model D at 7475')

TOC @ 3175' (TS)

DV Tool at 3569'  
Cement with 160 sxs

TOC @ 4959' (Calc. 75%)

DV Tool at 5804'  
Cement with 180 sxs

TOC @ 6678' (Calc. 75%)

Baker Model D Packer set @ 7475' (1997)

Dakota Perforations:  
7628' - 7832

4.5" 10.5#/11.6#, K-55 Casing set @ 7881'  
Cmt with 290 sxs

# San Juan 28-5 Unit # 70

## Proposed P & A / Basin Dakota

AIN # 5167200 / API #30-039-20056

1450' FSL, 1175' FWL, Section 34 T-28-N, R-5-W, Rio Arriba County, NM

Lat: N 36.846° / Long: 107.793°

Today's Date: 10/12/05

Spud: 7/27/67

Completed: 9/7/67

Elevation: 6594' GL  
6606' KB

Nacimiento @ 1750'

Ojo Alamo @ 2762'

Kirtland @ 2945'

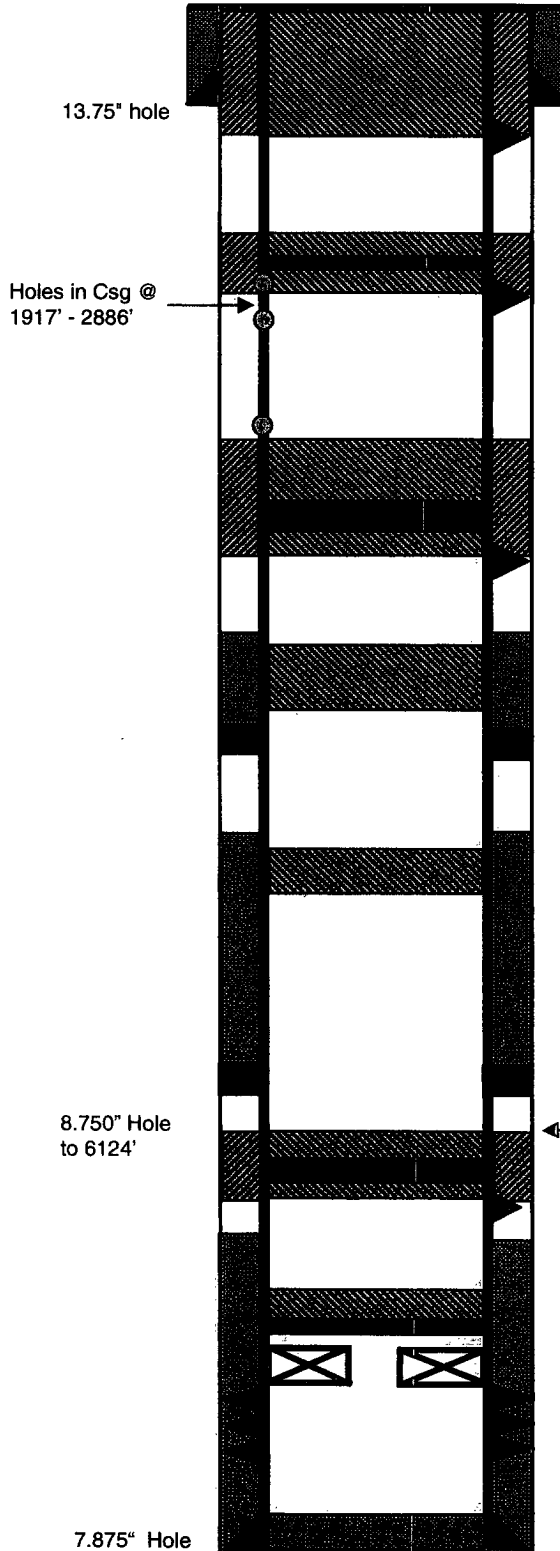
Fruitland @ 3250'

Pictured Cliffs @ 3430'

Mesaverde @ 5105'

Gallup @ 6250'

Dakota @ 7728'



9.625" 32.3#, H-40 Casing set @ 325'  
Cement with 270 sxs, circulated

Perforate @ 375'

**PLUG #7: 375'-Surface'**  
Type III cement 130 sxs

Cmt Retainer @ 1750'

Perforate @ 1800'

**PLUG #6: 1800'-1700'**  
Type III cement, 58 sxs:  
47 sxs outside casing  
and 11 sxs inside.

Cmt Retainer @ 2945'

Perforate @ 2995'

**PLUG #5: 2995'-2712'**  
Type III cement, 155 sxs:  
132 sxs outside casing  
and 23 sxs inside.

TOC @ 3175' (TS)

DV Tool at 3569'  
Cement with 160 sxs

**PLUG #4: 3480'-3200'**  
Type III cement 23 sxs

TOC @ 4959' (Calc. 75%)

**PLUG #3: 5155'-5055'**  
Type III cement 11 sxs

DV Tool at 5804'  
Cement with 180 sxs

Cmt Retainer @ 6250'

**PLUG #2: 6300'-6200'**  
Type III cement, 46 sxs:  
35 sxs outside casing  
and 11 sxs inside.

Perforate @ 6300'

TOC @ 6678' (Calc. 75%)

Set CIBP 7425'

Baker Model D Packer  
set @ 7475' (1997)

**PLUG #1: 7425'-7375'**  
Type III cement 11 sxs

Dakota Perforations:  
7628' - 7832

4.5" 10.5#/11.6#, K-55 Casing set @ 7881'  
Cmt with 290 sxs

TD 7881'  
PBSD 7864'