

✓ submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

2005 JUN 7 PM 3 20

5. Lease Number

RECEIVED 07885

6. If Indian, All. or  
Tribe Name  
070 FARMINGTON NM

1. Type of Well

GAS

7. Unit Agreement Name  
Canyon Largo Unit

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

1840' FSL, 1800' FWL, Sec. 3, T-25-N, R-6-W, NMPM

8. Well Name & Number  
Canyon Largo Unit 287

9. API Well No.

30-039-21966

10. Field and Pool

Basin DK/Blanco MV

11. County and State

Rio Arriba, NM

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

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other P&A

13. Describe Proposed or Completed Operations

It is intended to Plug and Abandon the subject well according to the attached procedures and wellbore diagrams.

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

Signed Frances Bend Title Regulatory Specialist Date 06/07/05  
fsb

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date JUN 13 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 to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

## PLUG AND ABANDONMENT PROCEDURE

### Canyon Largo Unit #287

Basin Dakota / Blanco Mesaverde  
1840' FSL and 1800' FWL, Section 3, T25N, R6W  
Rio Arriba County, NM / API 30-039-21966  
Lat: N36° 25.56 Long: W107° 27.42

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.

**Type III 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 visually inspect 233 joints 2.375" tubing, total 7301'. If necessary LD tubing and use a workstring. Round-trip 4.5" casing scraper or wireline gauge ring to 7078',
3. **Plug #1 (Dakota perforations and top, 7078' – 6978')**: TIH and set a 4.5" CR at 7078'. 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 12 sxs Class B cement and spot a balanced plug above CR to isolate the Dakota interval. TOH with tubing.
4. **Plug #2 (Gallup tops 6170' – 6070')**: Perforate 3 squeeze holes at 6170'. Set a 4.5" cement retainer at 6120'. Establish rate into squeeze holes. Mix 51 sxs **Class B** cement, squeeze 39 sxs outside and leave 12 sxs inside to cover the Gallup top. PUH to 4564'.
5. **Plug #3 (Mesaverde top, <sup>4522'</sup>4564' – <sup>4422'</sup>4464')**: Mix 25 sxs Type III (excess due to old casing leaks) and spot a balanced plug inside the casing to cover the Mesaverde top. TOH.
6. **Plug #4 (Chacra top, <sup>3758'</sup>3775' – <sup>3658'</sup>3675')**: Perforate 3 squeeze holes at 3775'. Attempt to establish rate into squeeze holes if casing pressure tested. TIH and set 4.5" cement retainer at 3725'. Mix 45 sxs Type III cement, squeeze 35 sxs outside and leave 10 sxs inside to cover the Chacra top. PUH to 2905'.
7. **Plug #5 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo top, <sup>2070'</sup>2905' – 2405')**: Mix ~~56~~ sxs Type III cement and spot a balanced plug inside the casing to cover the PC, Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing.
8. **Plug #6 (Nacimiento top, 790' – 690')**: Perforate 3 squeeze holes at 790'. Attempt to establish rate into squeeze holes if casing pressure tested. TIH and set 4.5" CR at 690'. Mix 45 sxs Type III cement, squeeze 35 sxs outside the casing and leave 10 sxs inside casing. TOH and LD tubing.
9. **Plug #7 (9.625" casing shoe and surface, 272' - Surface)**: Perforate 2 or 3 squeeze holes at 272'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 90 sxs Type III cement down the 4.5" casing to circulate good cement out bradenhead valve. Shut well in 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.

Recommended:

  
Operations Engineer

Engineer

Office - (599-4043)

Cell - (320-0321)

Approved:

  
Drilling Superintendent

Sundry Required:

YES

NO

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

Lease Operator: David Bixler

Specialist: Sheldon Montoya

Foreman: Terry Nelson

Cell: 320-3352 Pager: 949-0192

Cell: 320-2857 Pager: 326-8446

Office: 326-9731 Pager: 326-8473

# Canyon Largo Unit #287

## Current

Basin Dakota / Blanco Mesaverde

1840' FSL, 1800' FWL, Section 3 T-25-N, R-6-W

Rio Arriba County, NM, API #30-039-21966

Today's Date: 6/2/05

Spud: 7/7/79

Dakota Comp: 10/8/79

MV Comp: 1/20/96

Elevation: 6750' GL  
6761' KB

13.75" hole

Nacimiento @ 740'

TOC @ 1760' ('94 CBL)

50 sxs @ 1975' ('94)

Ojo Alamo @ 2155'

200 sxs @ 2240' ('94)

Kirtland @ 2390'

Fruitland @ 2612'

Pictured Cliffs @ 2855'

Chacra @ 3725'

TOC @ 4450' ('94 CBL)

Mesaverde @ 4514'

135 sxs @ 4521' ('96)

10 sxs @ 4331' ('01)

50 sxs @ 4540' ('94)

50 sxs @ MV perfs' ('01)

Gallup @ 6120'

Dakota @ 7205'

7.875" Hole

9.625" 36# K-55 Casing set @ 222'  
Cement with 190 sxs, circulated

### Well History:

**Jun '94: Casing Repair.** Squeeze hole at 4540' with 50 sxs. Squeeze hole at 2240' with 250 sxs. Squeeze small leak at 1975' with 50 sxs

**Jan '96: Recomplete well and TA Dakota Interval.** Set CIBP @ 5400'. Isolate casing leak at 4236' to 4251'. Squeeze with 135 sxs. DO and PT okay. Perforate MV 5092' - 5102'. Land tubing at 5047' and packer at 5015'.

**Oct '01: Casing Repair.** Isolate leak 4150' to 4300'. Sqz w/ total 60 sxs. Drill out cmt and retainer. Pt okay. Drill out BP at 5400'. Land tubing at 7303'

Leak at 2240', sqz with 200 sxs, sqz very small leak at 1975' with 50 sxs ('94)

2.375" tubing set at @ 7301'  
(233 jts, 4.7# J-55 w/ SN @ 7301')

DV Tool at 3035'  
Cement with 254 sxs (410 cf)

Squeeze leak at 4236' to 4251' with 135 sxs ('96)

Leak at 4540', sqz with 50 sxs (1994)

Mesaverde Perforations: (1996)  
5092' - 5102'

Squeeze hole and MV perfs with total 60 sxs cement (2001)

DV Tool at 5713'  
Cement with 375 sxs (607 cf)

TOC @ 6254 (1994 CBL)

Dakota Perforations:  
7128' - 7302'  
Re-perf 7124' - 7344' (1994)

4.5" 10.5#/11.6# K-55 Casing set @ 7473'  
Cmt with 304 sxs (455 cf)

TD 7473'  
PBD 7451'

# Canyon Largo Unit #287

## Proposed P&A

Basin Dakota / Blanco Mesaverde

1840' FSL, 1800' FWL, Section 3 T-25-N, R-6-W

Rio Arriba County, NM, API #30-039-21966

Today's Date: 6/2/05

Spud: 7/7/79

Dakota Comp: 10/8/79

MV Comp: 1/20/96

Elevation: 6750' GL

6761' KB

13.75" hole

Nacimiento @ 740'

50 sxs @ 1975' ('94)

Ojo Alamo @ 2155'

200 sxs @ 2240' ('94)

Kirtland @ 2390'

Fruitland @ 2612'

Pictured Cliffs @ 2855'

Chacra @ 3725'

Mesaverde @ 4514'

135 sxs @ 4521' ('96)

10 sxs @ 4331' ('01)

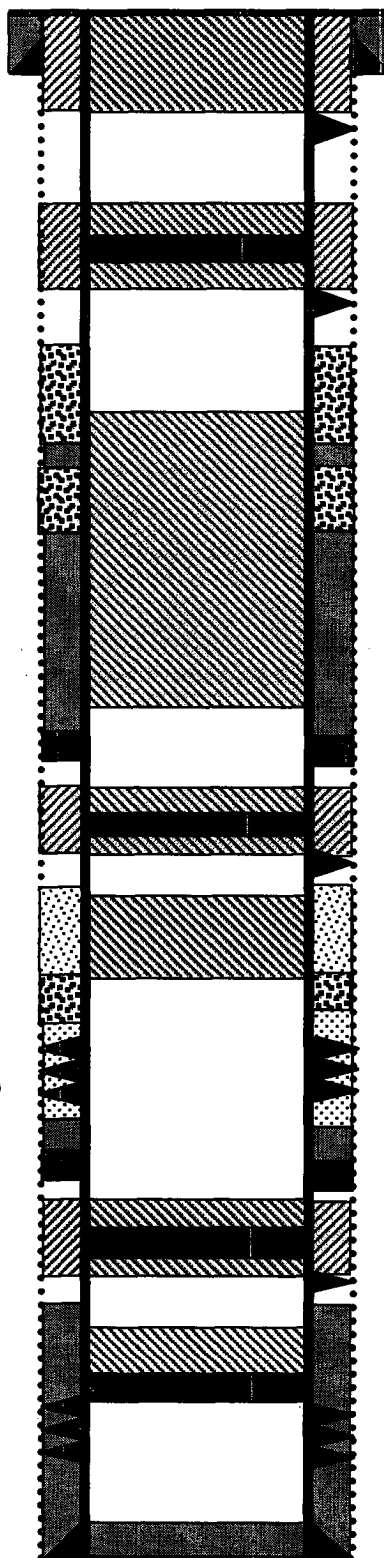
50 sxs @ 4540' ('94)

50 sxs @ MV perfs' ('01)

Gallup @ 6120'

Dakota @ 7205'

7.875" Hole



9.625" 36#, K-55 Casing set @ 222'  
Cement with 190 sxs, circulated

Perforate @ 272'

Plug #7: 272' - Surface  
Type III cement, 90 sxs

Cmt Retainer @ 740'

Perforate @ 790'

Plug #6: 790' - 690'  
Type III cement, 45 sxs, 35  
outside and 10 inside

TOC @ 1760' ('94 CBL)

Plug #5: 2905' - 2105'  
Type III cement, 58 sxs

DV Tool at 3035'  
Cement with 254 sxs (410 cf)

Cmt Retainer @ 3725'

Perforate @ 3775'

Plug #4: 3775' - 3675'  
Type III cement, 45 sxs, 35  
outside and 10 inside

TOC @ 4450' ('94 CBL)

Plug #3: 4564' - 4464'  
Type III cement, 25 sxs,  
excess due to casing leaks.

Mesaverde Perforations: (1996)  
5092' - 5102'

DV Tool at 5713'  
Cement with 375 sxs (607 cf)

Cmt Retainer @ 6120'

Perforate @ 6170'

Plug #2: 6170' - 6070'  
Type II cement, 51 sxs: 39  
outside and 12 inside

TOC @ 6254 (1994 CBL)

Set CR @ 7078'

Dakota Perforations:  
7128' - 7302'  
Re-perf 7124' - 7344' (1994)

Plug #1: 7078' - 6978'  
Type II cement, 12 sxs

4.5" 10.5#/11.6#, K-55 Casing set @ 7473'  
Cmt with 304 sxs (455 cf)

TD 7473'  
PBTD 7451'