

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED
2003 DEC 10 PM 1:14

070 Farmington, NM

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

1480' FSL, 1200' FWL, Sec. 4, T-29-N, R-7-W, NMPM

5. Lease Number
NMSF-078919

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

San Juan 29-7 Unit

8. Well Name & Number

San Juan 29-7 U #546

9. API Well No.

30-039-24888

10. Field and Pool

Basin Fruitland Coal

11. County and State

Rio Arriba Co, 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 Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

REVISED

Please find attached a revised procedure to plug and abandon the subject well.
Original procedure was approved 8-22-03.

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

Signed Nancy Oltmann Title Senior Staff Specialist Date 12/9/03

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____

Date DEC 11 2003

CONDITION OF APPROVAL, if any:

San Juan 29-7 Unit #546 – Fruitland Coal**1480' FSL & 1200' FWL****Unit L, Section 04, T29N, R07W****Latitude / Longitude: N36° 45.102' / W107° 34.914'****AIN: 3499501****REVISED PLUG AND ABANDONMENT PROCEDURE 12/8/2003**

Note: All cement volumes use 100% excess outside casing and 50 foot excess inside casing. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and/or test rig anchors. Prepare and line blow pit. Comply with all BLM, NMOCD and Burlington safety rules and regulations. MO and RU daylight pulling unit. PU on rods and unseat pump. Reseat pump and pressure test tubing to 1000#. TOH and LD rods and pump. ND wellhead and NU BOP, test BOP.
2. TOH and tally 93 joints 2-3/8" EUE tubing with SN at 2907', total 2930'. Visually inspect tubing and if necessary use a workstring. Rig up drilling equipment. TIH with a 4-3/4" flat bottom mill and mill off the top of the liner hanger at 2634'. Install a single BOP with 4" rams above the double BOP before pulling the liner. TIH with a spear and appropriate fishing tool assembly to pull the 4" 11.6# (ID 3.428", possibly with IJ connections, need slip grip elevators.
3. Plug #1 (Pictured Cliffs top, Fruitland Coal interval and top and liner top, 2940' - 2584'): TIH and set a 5-1/2" cement retainer at 2600'. Load the casing with water and circulate the well clean. Pressure test the casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix and pump 76 sxs cement, squeeze 68 sxs under the CR to fill the open hole interval covering the PC top, the Fruitland Coal zone and cover the liner top, then spot 8 sxs above the CR to cover the Fruitland top. PUH to 2170'.
4. Plug #2 (Kirtland and Ojo Alamo tops, ^{49'}2170' – ^{57'}1880'): Mix 39 sxs cement and spot balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH to 625'.
6. Plug #3 (Nacimiento top and 8-5/8" casing shoe, 625' - Surface): Attempt to pressure test the bradenhead annulus to 300#. If it tests, then with the tubing at 625', establish circulation out casing valve with water. Mix approximately 71 sxs cement and spot a balanced plug inside the casing to cover the Nacimiento top and surface casing shoe, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then TOH with the tubing. Perforate at appropriate depth and establish circulation out the bradenhead. With the tubing at 625', fill the 5-1/2" casing with cement, then TOH and LD the tubing, then squeeze cement out the perforations to circulate cement out the bradenhead. Shut in well and WOC.
7. 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.

Recommended: Matt Roberts 12/08/2003

Operations Engineer

Approved: _____

Drilling Manager

Operations Engineer:

Matt Roberts

Office: 599-4098

Cell: 320-2739

Sundry Required: **YES** NOApproved: Nancy Altmanus

Regulatory

Production Foreman:

Bruce Voiles

326-9571 (Office)

327-8937 (Pager)

Specialist:

Gabe Archibeque

320-2478 (Cell)

326-8256 (Pager)

Lease Operator:

Jay Wendeborn

320-0455 (Cell)

326-8462 (Pager)

San Juan 29-7 Unit #546

Current

AIN #3499501

Basin Fruitland Coal

SW, Section 4, T-29-N, R-7-W, Rio Arriba County, NM

API # 30-039-24888

Long: N36° 45.102' // Lat: W107° 34.914'

Today's Date: 7/14/03

Spud: 11/05/91

Completed: 11/18/91

Elevation: 6110' GL

12-1/4" hole

Circulated Cement to Surface

8-5/8" 24#, K-55 Casing set @ 228'
Cement with 210 sxs, Circulated

Nacimiento @ 575'

Well History

Jan '01: Cavitations Clean Out: Pull rods, tubing and 4" liner. Blow well for 5 days and clean out. Set new 4" liner at 2940'. Mill off perf plugs and land tubing. TIH with rods and pump.

Ojo Alamo @ 1930'

Kirtland @ 2120'

2-3/8" Tubing set at 2930'
(93 joints with SN @ 2907',
and rods with pump)

Fruitland @ 2640'

4" Liner Top at 2634'

7-7/8" hole

5-1/2" 15.5#, K-55 Casing set @ 2692'
Cement with 578 sxs (964 cf)
Circulated 20 bbls to surface.

Fruitland Coal Pre-perforated
Intervals from 2765' to 2940'.

Pictured Cliffs @ 2930'

4" 11.6#, J-55 Liner from 2940' to 2634'
Did not cement, pre-drilled perforations.

4-3/4" Hole

TD 2980'

San Juan 29-7 Unit #546

Proposed P&A

AIN #3499501

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Nacimiento @ 575'

Ojo Alamo @ 1930'

Kirtland @ 2120'

Fruitland @ 2640'

7-7/8" hole

Pictured Cliffs @ 2930'

4-3/4" Hole

TD 2980'

Circulated Cement to Surface

8-5/8" 24#, K-55 Casing set @ 228'
Cement with 210 sxs, Circulated

Plug #3: 625' - Surface
Cement with 71 sxs

Plug #2: 2170' - 1880'
Cement with 39 sxs

Plug #1: 2940' - 2584'
Cement with 76 sxs,
68 sxs below CR and
8 sxs above.

Set CR @ 2600'

4" Liner Top at 2634'

5-1/2" 15.5#, K-55 Casing set @ 2692'
Cement with 578 sxs (964 cf)
Circulated 20 bbls to surface.

