

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

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
1650' FSL, 1650' FEL, Sec. 34, T-30-N, R-11-W, NMPM, San Juan County

API # (assigned by OCD)
30-045-08980

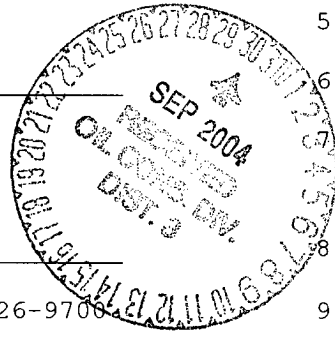
5. Lease Number
Fee

6. State Oil&Gas Lease #
Lease Name/Unit Name
Martin

8. Well No.
2

9. Pool Name or Wildcat
Basin Fruitland Coal/
Aztec Pictured Cliffs

10. Elevation:



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

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

SIGNATURE Nancy Olthman Senior Staff Specialist September 29, 2004

(This space for State Use)

Approved by Charl R Title DEPUTY OIL & GAS INSPECTOR, DIST. # Date SEP 30 2004

Martin #2 – Pictured Cliffs / Fruitland Coal

PLUG AND ABANDONMENT PROCEDURE

1650' FSL & 1650' FEL

SE, Section 34, T030N, R011W

Latitude: N 36° 45.942, Longitude: W 107° 58.494

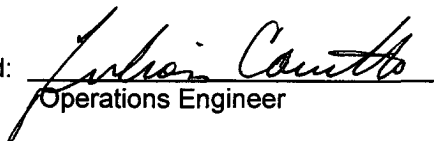
AIN: 4859202

9/28/2004

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 III, mixed at 14.8 ppg with a 1.32 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. ND wellhead and NU BOP, test BOP.
2. PU on tubing and release packer. CAUTION: Wireline tool are stuck in tubing. TOH and tally 66 joints 2-3/8" EUE tubing, total 2089', LD packer. Visually inspect tubing and if necessary use a workstring. Round-trip 5-1/2" gauge ring or casing scraper to 1820'. Rabbit tubing first TIH.
3. **Plug #1 (Pictured Cliffs open hole interval and Fruitland perforations and top, 2090' - 1758')**: TIH and set a 5-1/2" cement retainer at 1820'. Load the casing with water and circulate well clean. Pressure test tubing to 1000#. Sting out of CR and pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix and pump 48 sxs Type III cement, squeeze 36 sxs below retainer to isolate the PC CIBP and fill the Fruitland Coal perforations and spot 12 sxs above CR to cover the Fruitland top. PUH to 955'.
6. **Plug #2 (Kirtland and Ojo Alamo tops, 955' – 695')**: Spot 40 sxs Type III cement inside casing to cover the Kirtland and Ojo Alamo tops (excess due to old casing leak). TOH and LD tubing.
7. **Plug #3 (9-5/8" Surface casing, 180' - Surface)**: Perforate 2 squeeze holes at 180'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 70 sxs Type III cement down the 5-1/2" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
8. 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:


Operations Engineer

Approved:


Drilling Manager

Sundry Required:



Approved:


Regulatory

Operations Engineer:

Foreman:

Lease Operator

Specialist:

Office: 599-4043

Cell: 320-0321

Office: XXXX Cell: XXXX Pager: XXXX

Cell: XXXX Pager: XXXX

Cell: XXXX Pager: XXXX

Martin #2

Current Wellbore

Basin Fruitland Coal / ANI #4856202

1650' FSL & 1650' FEL, Section 34, T-30-N, R-11-W, San Juan County, NM

Long: N 36° 45.942' / Lat: W 107° 58.494' / API #30-045-08980

Today's Date: 9/20/04

Spud: 5/16/53

PC Completed: 6/14/53

PC Abandoned: 9/25/95

FtC Completed: 9/29/95

Elevation: 5784' GL

13-3/4" hole

Casing leaks from 512' to 850'
squeezed 4 times with total 405
sxs cement, small leak off (2003)

Ojo Alamo @ 745'

Kirtland @ 905'

Fruitland @ 1808'

Pictured Cliffs @ 2092'

7-7/8" hole

6-1/4" Hole

TD 2051'
PBSD 1986'

9-5/8" 25.4#, Casing set @ 130'

Cement with 100 sxs, Circ to surface.

WELL HISTORY

Sep '95: Pull 1" tubing. Ran CBL. Set CIBP to abandon PC zone. Perforate and frac Fruitland Coal zones.

Apr '03: Isolate casing leaks from 512' to 850', squeeze 4 times with total 405 sxs cement. Last PT bled down 100# in 1 minute. Land tubing with packer at 1265'.

Aug '03: Slickline: Ran 1.91" gauge ring to 2062', set down. Ran 1.75" gauge ring to 2080', lost jar action; cut line and left 4' cut bar and string of tools in tubing. Unable to fish.

2-3/8" tubing set at 2089'
(66 joints, EUE with Packer at 1265')

TOC @ 1130' (CBL, 1995)

TOC @ 1145' (TS, 1953)

5-1/2" Packer @ 1265' (2003)

Fruitland Coal Perforations:

1870' - 2000'

2054' - 2074'

5-1/2" 15.5#, Casing set @ 2094'

Cement with 150 sxs

CIBP @ 2090' (1995)

PC Open Hole Interval:

2112' - 2144'

Martin #2 Proposed P&A

Basin Fruitland Coal / ANI #4856202

1650' FSL & 1650' FEL, Section 34, T-30-N, R-11-W, San Juan County, NM

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Kirtland @ 905'

Fruitland @ 1808'

Pictured Cliffs @ 2092'

7-7/8" hole

6-1/4" Hole

TD 2051'
PBSD 1986'

9-5/8" 25.4#, Casing set @ 130'
Cement with 100 sxs, Circ to surface.

Perforate @ 180'

Plug #3: 180' – Surface
Type III cement, 70 sxs

Plug #2: 955' – 695'
Type III cement, 40 sxs

TOC @ 1130' (CBL, 1995)
TOC @ 1145' (TS, 1953)

Plug #1: 2090' – 1758'
Type III cement, 48 sxs,
36 below CR and 12 above

Set Cmt Retainer @ 1820'

Fruitland Coal Perforations:
1870' – 2000'
2054' – 2074'

5-1/2" 15.5#, Casing set @ 2094'
Cement with 150 sxs

CIBP @ 2090' (1995)

PC Open Hole Interval:
2112' – 2144'