

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

Sundry Notices and Reports on Wells

| | |
|--|---|
| <p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP</p> <hr/> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 1650' FSL, 1450' FWL, Sec. 16, T-27-N, R-9-W, NMPM, San Juan County</p> | <p>API # (assigned by OCD) 30-045-11608</p> <p>5. Lease Number</p> <p>6. State Oil&Gas Lease # E-1010-3</p> <p>7. Lease Name/Unit Name</p> <p>State</p> <p>8. Well No. 1</p> <p>9. Pool Name or Wildcat Basin Frt Coal/Basin DK</p> <p>10. Elevation:</p> |
|--|---|

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

| | |
|--|--|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input checked="" type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut off |
| <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| <input type="checkbox"/> Other - | |

13. Describe Proposed or Completed Operations

REVISED

The subject well is an "Exhibit A" demand well. It is intended to recomplete this well to the Fruitland Coal and plug and abandon the Dakota formation. Burlington Resources has partner issues with this well. If there is not sufficient time to recomplete this well before the deadline, we will temporarily abandon the well until such time we can get partner approval to recomplete. Attached are the revised procedure, C-102 plat and wellbore diagrams.



SIGNATURE Nancy Ottmann Senior Staff Specialist _____ October 18, 2004 _____

(This space for State Use)

Approved by Chad L Title _____ Date OCT 19 2004

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

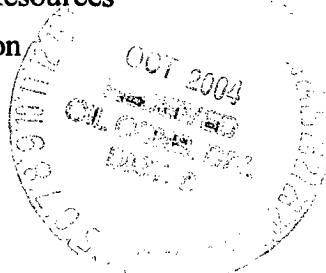
District IV1220 S. St Francis Dr., Santa Fe, NM
87505State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102

Permit 1569

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

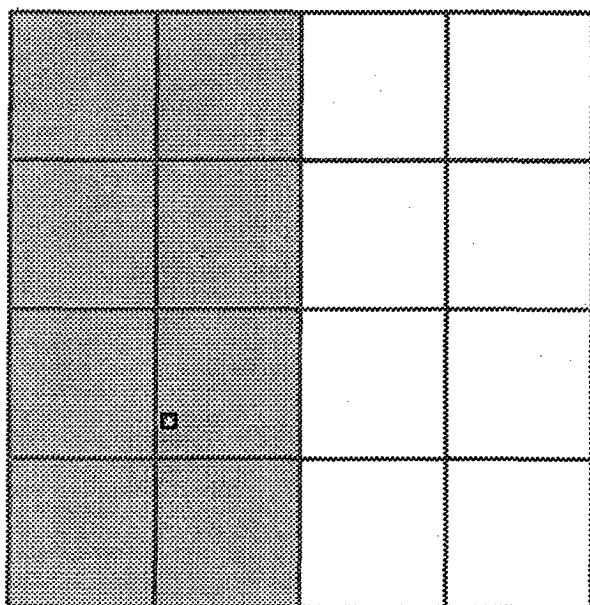
| | | |
|------------------------|--|--------------------|
| API Number | Pool Name BASIN FRUITLAND COAL (GAS) | Pool Code 71629 |
| Property Code 14946 | Property Name STATE | Well No. 001 |
| OGRID No. 14538 | Operator Name BURLINGTON RESOURCES OIL & GAS CO | Elevation 6222 |

Surface Location

| | | | | | | | | | |
|-----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| UL or Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
| | 1 | | | | | | | | |

Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|------------------------|---------|-----------------|-------|--------------------|-----------|-----------|-----------|----------|----------|
| UL or Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
| K | 16 | 27N | 09W | | 1650 | S | 1450 | W | San Juan |
| Dedicated Acres 320 | | Joint or Infill | | Consolidation Code | | Order No. | | | |

**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Electronically Signed By: *Nancy Olthmann*
 Title: *Senior Staff Specialist*
 Date: *10-18-04*

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: Steven Kinney
 Date of Survey: 01/23/1966
 Certificate Number:

State #1 Sundry Procedure

Unit K, Section 16, T27N, R09W

1. MIRU completion rig.
2. TOOH with tubing and packer.
3. Set CIBP at 6536'. TIH with tubing.
4. Plug 1: P&A Dakota by spotting 12 sxs of cement on top of plug. TOC at 6436'. Tag cement to verify top.
5. Plug 2: Pick up tubing to 5720'. Spot balanced plug (12 sxs) from 5720' – 5620' to P&A the Gallup. TOC at 5620'. Tag cement to verify top.
6. Plug 3: TIH with cement retainer and set at 3752'. Test tubing/casing to 500 psi for 15 minutes. Establish injection into hole in casing at 3800'. P&A Mesaverde by squeezing 51 sxs total - 45 sxs below retainer and 6 sxs above (39 sxs outside casing and 12 sxs inside). TOC at 3702'.
7. Plug 4: Shoot squeeze hole at 3130'. TIH with cement retainer and set at 3080'. Establish injection into squeeze perfs. P&A Chacra by squeezing 51 sxs total - 45 sxs below retainer and 6 sxs above (39 sxs outside casing and 12 sxs inside). TOC at 3030'.
8. If there is not enough time to finish recompleat under the deadline, the well will be temporarily abandoned. Pressure test plug/casing to 500 psi for 30 minutes using a chart and with OCD witnessing the test. (Max spring = 1000 psi, max chart = 24 hours, max clock = 2 hours.) End temporary abandon procedure here.
9. If there is enough time to pursue recompleat, test plug/casing to 500 psi for 15 minutes. Continue with steps 10-14.
10. Set CIBP at 2180'. Pressure test casing to 3500 psi for 15 minutes.
11. Perforate and fracture stimulate the Fruitland Coal formation.
12. Flow back well. TIH and clean up well to CIBP at 2180'.
13. Land tubing as a Fruitland Coal only producer.
14. RDMO rig. Return well to production.

State #1

1650 FSL , 1450 FWL

Unit K, Section 16, T27N, R9W

GL = 6,222'

KB= 6,236'

Current Wellbore

Surface Casing:

338' 32.3# H-40

Set @ 338'

338'

TOC @ 1604'

Calc @ 75% eff

Pictured Cliffs

2,150'

Chacra

3,080'

Upper Cliff House

3,752'

Menefee

3,843'

Point Lookout

4,460'

Gallup

5,670'

Dakota

6,650'

DV tool @ 2187'

Csg hole @ 3800'

Pkr set @ 4108'

TOC @ 4395', calc @ 75% eff

DV tool @ 4861'

Tubing

2-3/8" 4.7# J-55

BHA: exp.check, SN, 1 full joint, 2' pup joint

Set At: 6573'

TOC @ 5672', calc @ 75% eff

Production Casing:

4-1/2" 10.5# J-55

Set At: 6,860'

6860'

Dakota

6586' - 6762' 2 SPF

1500 gal acid, 150 ball sealers

60,000#, 85,000 gal, 40 tons CO2

PBTD @

6856'

TD @

6,860'

CLS

09/23/04

State #1

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KB= 6,236'

Proposed Wellbore

Surface Casing:

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Set @ 338'

TOC @ 1604', calc @ 75% eff

DV tool @ 2187'

CIBP @ 2180'

Csg hole @ 3800'

Pkr set @ 4108'

TOC @ 4395', calc @ 75% eff

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Tubing

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BHA: exp.check, SN, 1 full joint, 2' pup joint

Set At: 6573'

Production Casing:

4-1/2" 10.5# J-55

Set At: 6,860'

6860'

PBTD @

6856'

TD @

6,860'

Pictured Cliffs 2,150'

Chacra 3,080'

Upper Cliff House 3,752'

Menefee 3,843'

Point Lookout 4,460'

Gallup 5,670'

Dakota 6,650'

Proposed FC

XXXX' - XXXX'

75Q foamed 25# lg, 130,000# sand

Chacra P&A

Squeeze perf @ 3130'

Cement retainer set @ 3080'

45 sxs below retainer and 6 sxs above retainer

39 sxs outside and 12 sxs inside

TOC @ 3030'

MV P&A - Sqz into hole at 3800'

Cement retainer set @ 3752' - 51 sxs total

45 sxs below retainer and 6 sxs above retainer

39 sxs outside and 12 sxs inside

TOC @ 3702'

TOC @ 5672', calc @ 75% eff

Gallup P&A

Balanced plug 12 sxs from 5720' - 5620'

TOC @ 5620'

DK P&A

CIBP set @ 6536' with 12 sxs on top

TOC @ 6436'

CLS

09/23/04