

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP - 2 1997

Sundry Notices and Reports on Wells

57 SEP - 2 PM 2:09

1. Type of Well
GAS

GTO FARMINGTON, NM

5. Lease Number
NM-0433
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1090' FNL, 1840' FWL, Sec. 9, T-26-N, R-10-W, NMPM

- Huerfano Unit
8. Well Name & Number
Huerfano Unit #215
9. API Well No.
30-045-20800
10. Field and Pool
Basin Fruitland Coal
11. County and State
San Juan Co, NM

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

Type of Submission

Type of Action

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input checked="" type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment | <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

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

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OIL COAL DIV.
DIST. 8

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

Signed *Duane W. Spencer* (KM1) Title Regulatory Administrator Date 8/26/97

(This space for Federal or State Office use)

APPROVED BY *Duane W. Spencer* Title _____ Date SEP - 4 1997

CONDITION OF APPROVAL, if any:

NMOC

PLUG AND ABANDONMENT PROCEDURE

8-18-97

Huerfano Unit 215

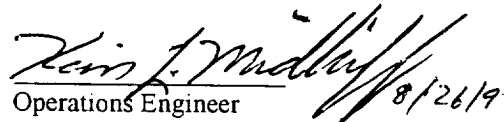
Fruitland Coal

DPNO: 45030C

1090' FNL, 1840' FWL, Unit C, Sec. 9, T026N, R010W
San Juan County, New Mexico

- 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.
1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Burlington safety regulations.
 2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
 3. **Plug #1 (1905'-2200', PC Top @ 2190', FTC Top @ 1955')**: RIH with 2-3/8" production tubing and tag cement retainer at 2200'. Mix and pump 34 sxs Class B cement down 2- 3/8" tubing to spot a cement plug from 2200' to 1905' to isolate PC and FTC formations. POOH to 1450' and reverse circulate to clean tabulars. POOH with tubing. Shut in well and WOC. RIH and tag cement with wireline. Pressure test casing to 500#.
 4. **Plug #2 (1167'-1420', KT Top @ 1370', OA Top @ 1217')**: Perforate 3 squeeze holes at 1420'. Establish pump in rate into squeeze holes and out bradenhead if casing tested. Set cement retainer at 1217' on wireline. RIH with tubing, sting into retainer and establish pump-in rate into squeeze holes and out bradenhead. Mix 122 sxs Class B cement. Pump 114 sxs under retainer, (98 sxs outside casing, 16 sxs inside casing) and 8 sxs on top of retainer. POOH with tubing.
 5. **Plug #3 (Surface to 258')**: Perforate 3 squeeze holes at 258'. Establish circulation out bradenhead valve. Mix and pump 87 sxs Class B cement down 4-1/2" casing. Circulate good cement out bradenhead valve (63 sxs outside, 24 sxs inside). Shut in well and WOC.
 6. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:


Operations Engineer 8/26/97

Approval:

Drilling Superintendent

Concur:

Production Supervisor

Date: 6/22/71
 First Delivered: 2/15/95 (Fruitland Coal)
 Elevation: 6639' GL
 Workovers:
 10/1/91: Recomplete to GL. Perf. b/w
 6085'-5978', Frac w/70Q Foam. 854 bbl &
 104,000#, Brady 20/40 sd., 30# linear gel & 1.4
 MMCF
 N2.

11/20/91: Installed pump & rods on Gallup.

2/7/95: Recomplete to
 FTC. Perf b/w
 2190'-1978'; Frac. w/ 19,950 gal 650# J-4 gel,
 foamed w/1.049 MMCF N2 & 120,000#, 20/40 sd.

2/13/95: Perforate 3 squeeze holes @
 2205'; set CR @ 2200' & squeezed under CIBP @ 1450' (TS)

12/23/94: Spot CMT plug 12 sx 6386'-6545'
 set CR @ 5932'; squeezed 23 sx under retainer,
 left 22 sx under retainer up to 5641' set plug @
 3002'-3160' w/ 12 sx cmt, run CBL from
 1500'-2400' set CIBP @ 2400'

Ojo Alamo @ 1217'

Kirtland @ 1370'

Fruitland @ 1955'

Pictured Cliffs @ 2190'

Gallup @ 5700'

Dakota @ 6808'

CMT RET @ 5932', squeeze with 23
 sxs under retainer, left 22 sxs on top to
 5641'

Huerfano Unit 215

Current -- 7/18/97

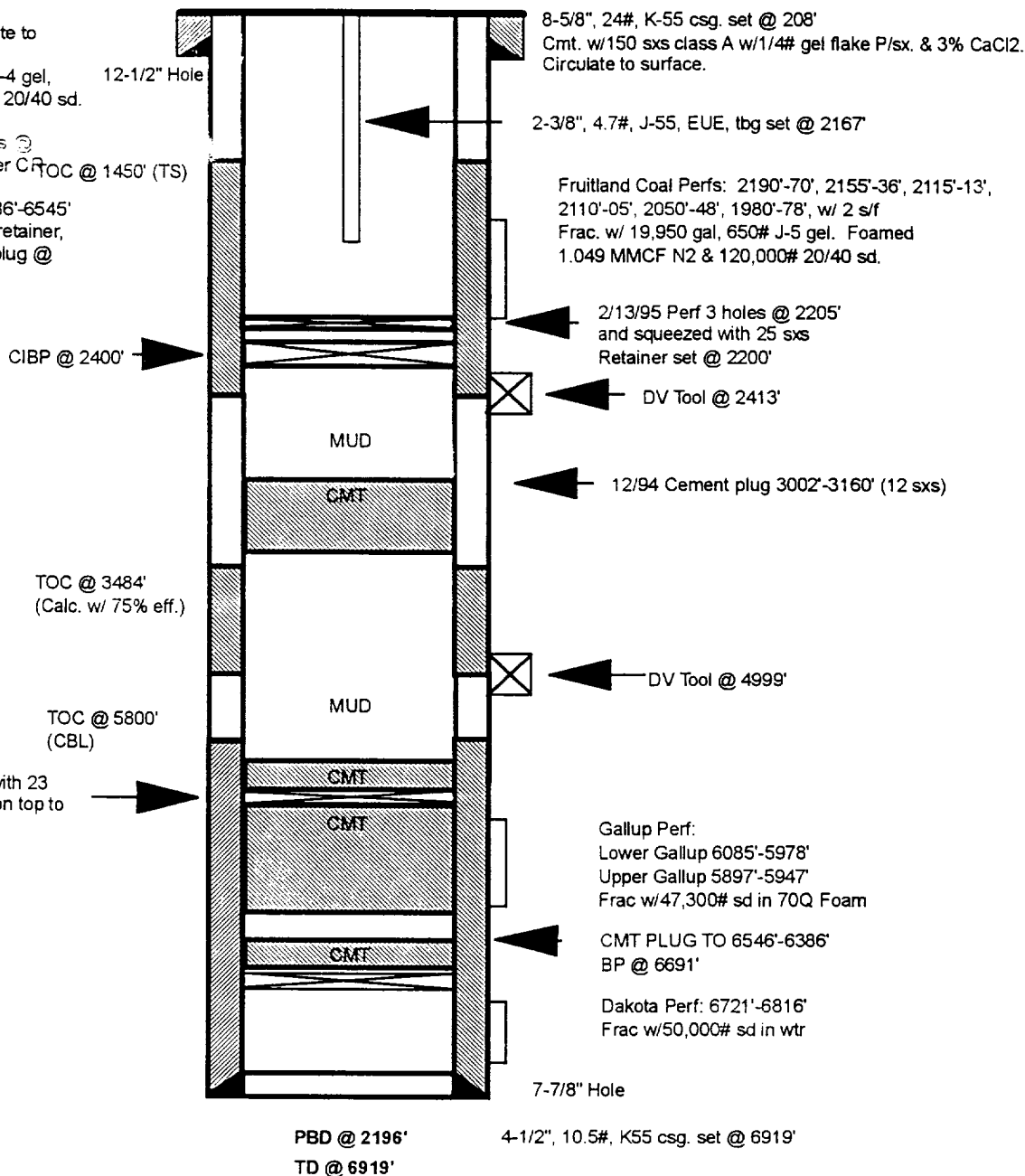
DPNO: 45030C

Fruitland Coal

1090' FNL, 1840' FWL

Unit C, Sec. 9, T026N, R010W, SJC, NM

Lat/Long: 36°30.42", 107°54.22"



PBD @ 2196'

TD @ 6919'

4-1/2", 10.5#, K55 csg. set @ 6919'

1st Stage - Cmt w/270 sxs 50/50 Class A/Poz w/2%

Gel, 2%CaCl2&1/4#/sxFineTuf-Plug
 (TOC5800'(CBL))

2nd Stage - Cmt w/180sxs Class C w/ 8% Gel & 50 sx
 Class C Neat, opened Stage
 Collar @

4999' (TOC 3484' (calc 75% eff))

3rd Stage - Cmt w/180 sxs Class C w/ 8% Gel & 50
 sxs Class C Neat, opened Stage
 Collar @

2413' (TOC 5800' (TS))