

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

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

1830' FNL, 1840' FWL, Sec. 24, T-30-N, R-9-W, NMPM

5. Lease Number

SF-078225-A 316 C

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Riddle A #3A

9. API Well No.
30-045-22926

10. Field and Pool
Blanco Mesaverde

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

☒ 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 -

13. Describe Proposed or Completed Operations

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

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

Signed *[Signature]* Title Regulatory Administrator Date 11/8/99

trc

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date 11/24/99

CONDITION OF APPROVAL, if any:

NMOCD

Riddle A #3A
Blanco Mesaverde
1830' FNL and 1840' FWL, Section 24, T30N, R9W
Latitude/Longitude: 36° 47.9288' / 107° 44.0350'
AIN: 4905901
San Juan County, New Mexico
PLUG AND ABANDONMENT PROCEDURE

10-18-99

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. Dig and line pit for waste fluid. Comply with all NMOC, BLM, and BROGC safety regulations.
2. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. POOH and LD rods and pump. ND wellhead and NU BOP and stripping head; test BOP. TOOH and inspect 161 joints EUE 2-3/8" tubing, set at 5024'. If necessary, PU workstring. Round-trip 4-1/2" gauge ring or casing scraper to 4072'.
3. **Plug #1 (Mesaverde perforations and top, 4072' – 3975')**: RIH and set wireline CIBP at 4072'. Load casing with water and pressure test to 500#. If casing does not test, spot or tag subsequent plug as necessary. Mix and spot 11 sxs Class B cement above CIBP inside 4-1/2" casing to isolate Mesaverde perforations. TOOH to 2825'.
4. **Plug #2 (7" casing shoe and 4-1/2" liner top, 2825' – 2569')**: Spot 36 sxs Class B cement inside casing to cover 7" casing shoe and liner top. TOOH to 2480'.
5. **Plug #3 (Pictured Cliffs and Fruitland top, 2480' – 2120')**: Spot 80 sxs Class B cement inside casing to cover PC and Fruitland tops. TOOH to 1380'.
6. **Plug #4 (Kirtland and Ojo Alamo tops, 1380' – 1180')**: Spot 48 sxs Class B cement inside casing to cover Ojo Alamo top. TOOH to 274'.
7. **Plug #5 (9-5/8" Surface Casing shoe at 224')**: Spot 53 sxs Class B cement from 274' to surface, circulate good cement out casing valve. TOOH with tubing and LD. Shut in well and WOC.
8. 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. Backfill pit and clean up location.

Recommended: ME Lister
Operations Engineer

Approval: Bruce W. Borg 10-19-99
Drilling Superintendent

Riddle A #3A

Current

Blanco Mesaverde

NW, Section 24, T-30-N, R-9-W, San Juan County, NM

Latitude / Longitude: 36° 47.9288' / 107° 44.0350'

Today's Date: 9/29/99

Spud: 12/14/78

Completed: 3/29/79

Elevation: 5732' GL
5743' KB

13-3/4" Hole

9-5/8" 36#, K-55 Casing set @ 224'
Cmt with 277 cf (Circulated to Surface)

Perforate 2 holes at 380', sqz with 190 sxs, Circ. (1996)

Well History

Apr '96: BH Repair: Run CBL, TOC 1190'; PT casing ok; perf 1120', sqz 90 sxs; perf at 380', sqz 190 sxs; drill out cmt, PT ok; blow well clean.

Apr '98: Casing leak: hole at 1120', sqz with 50 sxs; drill out, PT ok; blow well and clean out.

Jul '98: Run Rods: Tag bottom at 5082'; pull tubing; set RBP and PT casing, ok; land tubing then run rods and pump.

Perforate 2 holes at 1120' for bradenhead repair, squeezed with 90 sxs (1996)

Casing leak at 1120', squeezed with 50 sxs (1998)

TOC @ 1190' (1996 CBL)

2-3/8" Tubing set at 5024'
(161 joints, EUE, with rods and pump)

Ojo Alamo @ 1230'

Kirtland @ 1330'

Fruitland @ 2170'

Pictured Cliffs @ 2430'

4-1/2" Liner top at 2619'

7" 20#, K-55 Casing set @ 2775'
Cemented with 350 cf

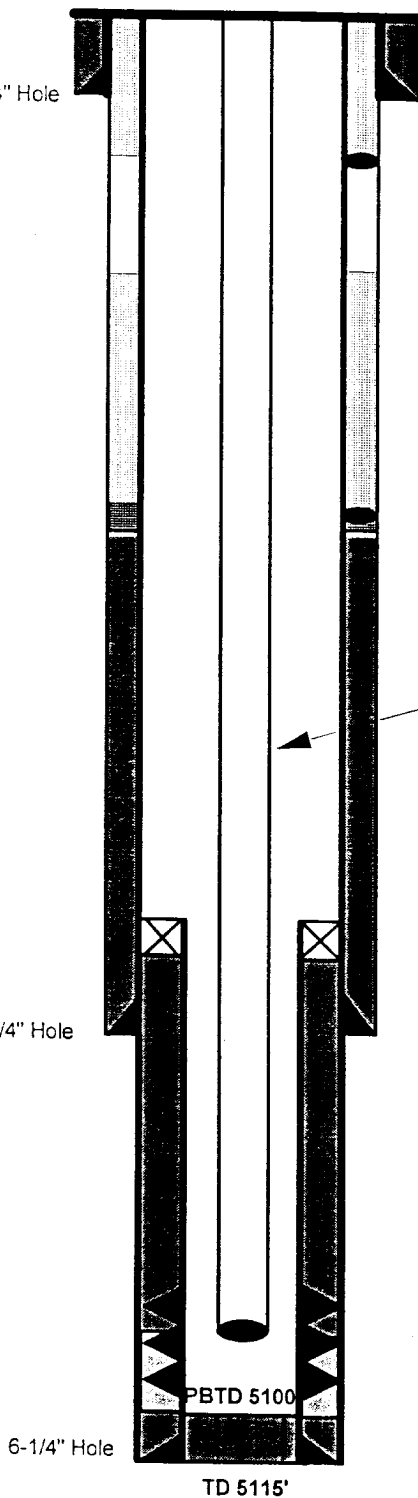
8-3/4" Hole

Mesaverde @ 4025'

Mesaverde Perforations:
4122' - 5073'

6-1/4" Hole

4-1/2" 10.5#, K-55 Casing Liner from 2619' to 5115'
Cemented with 432 cf
Perforated at 4930', 5010', 5090'; then squeezed with 177 cf (1979)



PBTD 5100

TD 5115'

Riddle A #3A

Proposed P&A

Blanco Mesaverde

NW, Section 24, T-30-N, R-9-W, San Juan County, NM

Latitude / Longitude: 36° 47.9288' / 107° 44.0350'

Today's Date: 9/29/99

Spud: 12/14/78

Completed: 3/29/79

Elevation: 5732' GL
5743' KB

13-3/4" Hole

9-5/8" 36#, K-55 Casing set @ 224'
Cmt with 277 cf (Circulated to Surface)

Perforate 2 holes at 380', sqz with 190 sxs, Circ. (1996)

Plug #5 274' - Surface
Cmt with 53 sxs Class B

Perforate 2 holes at 1120' for bradenhead repair,
squeezed with 90 sxs (1996)
Casing leak at 1120', squeezed with 50 sxs (1998)
TOC @ 1190' (1996 CBL)

Plug #4 1380' - 1180'
Cmt with 48 sxs Class B

Plug #3 2480' - 2120'
Cmt with 80 sxs Class B

Plug #2 2825' - 2569'
Cmt with 36 sxs Class B

4-1/2" Liner top at 2619'

7" 20#, K-55 Casing set @ 2775'
Cemented with 350 cf

Plug #1 4072' - 3975'
Cmt with 11 sxs Class B

Set 4-1/2" CIBP at 4072'

Mesaverde Perforations:
4122' - 5073'

4-1/2" 10.5#, K-55 Casing Liner from 2619' to 5115'
Cemented with 432 cf
Perforated at 4930', 5010', 5090'; then
squeezed with 177 cf (1979)

Ojo Alamo @ 1230'

Kirtland @ 1330'

Fruitland @ 2170'

Pictured Cliffs @ 2430'

8-3/4" Hole

Mesaverde @ 4025'

6-1/4" Hole

PBTD 5100

TD 5115'