

OCT 20 2000

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

990' FNL, 1650' FWL, Sec.33, T-26-N, R-10-W, NMPM

5. Lease Number

NM-02874

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

Huerfano Unit

8. Well Name & Number

Huerfano Unit #226

9. API Well No.

30-045-20837

10. Field and Pool

Basin Dakota

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. The deadline to submit this procedure is 10-20-00.

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

Signed *Reggie Cole* Title Regulatory Supervisor Date 10/19/00

TLW

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date 10/31/00

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCU

Huerfano Unit #226
Basin Dakota
AIN #4401901
990' FNL and 1650' FWL, Section 33, T-26-N, R-10-W
Lat: 36 - 26.9424' / Long: -107 - 54.2742'
San Juan Co., New Mexico
PLUG & ABANDONMENT PROCEDURE 10/5/00

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. 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. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well; kill with water as necessary.
2. ND wellhead and NU BOP, test BOP. TOH and tally 212 joints 2-3/8" tubing (total 6671'); visually inspect the tubing. If necessary, LD and PU workstring. Round-trip 4-1/2" gauge ring or casing scraper to 6456'.
3. **Plug #1 (Dakota interval, 6456' – 6356')**: Set a 4-1/2" wireline CIBP or cement retainer at 6456'. TIH with open ended tubing workstring and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix 12 sxs Class B cement and spot a balanced plug inside casing above the CIBP to isolate Dakota interval. PUH with tubing.
4. **Plug #2 (Gallup top, 5613' – 5513')**: Mix 12 sxs Class B cement and spot a balanced plug inside the casing to cover Gallup top. PUH to 3794'.
5. **Plug #3 (Mesaverde top, 3794' – 3694')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Mesaverde top. PUH to 2055'.
6. **Plug #4 (Pictured Cliffs and Fruitland tops, 2055' – 1705')**: Mix 31 sxs Class B cement and spot a balanced plug inside casing to cover Pictured Cliffs and Fruitland tops. TOH with tubing.
7. **Plug #5 (Kirtland and Ojo Alamo tops, 1245' – 980')**: Perforate 3 HSC squeeze holes at 1245'. Establish rate into squeeze holes if casing tested. Set 4-1/2" cement retainer at 1195'. Establish rate below CR. Mix 127 sxs Class B cement, squeeze 103 sxs outside casing and spot 24 sxs inside to cover through the Ojo Alamo top. TOH and LD tubing.
8. **Plug #6 (8-5/8" Casing shoe, 287' - Surface)**: Perforate 3 HSC squeeze holes at 287'. Establish circulation out bradenhead valve. Mix and pump approximately 100 sxs Class B cement down the 4-1/2" casing from 287' to surface, circulate good cement out bradenhead valve. Shut in well and WOC.
9. 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: Joe Michetti 10-17-00
Operations Engineer

Approval: Bruce D. Bony 10-17-00
Drilling Superintendent

Operations Engineer: Joe Michetti
Office: 326-9764
Pager: 564-7187

Sundry Required:

Approved:

YES NO

Peggy Cale 10-17-00

Huerfano Unit #226

Proposed P&A

AIN #4401901

Basin Dakota

NW, Section 33, T-26-N, R-10-W, San Juan County, NM

Lat: 36 - 26.9424' / Long: -107 - 54.2742'

Today's Date: 10/4/00

Spud: 3/14/72

Completed: 4/5/72

Elevation: 6675' GL

12-1/4" hole

8-5/8" 24#, KS Casing set @ 237'

177 cf cement (Circulated to Surface)

Perforate @ 287'

Plug #6 287' - Surface
Cmt with 100 sxs Class B

Ojo Alamo @ 1030'

Kirtland @ 1195'

Plug #5 1245' - 980'
Cmt with 127 sxs Class B,
103 sxs outside casing
and 24 sxs inside.

Cmt Retainer @ 1195'

Perforate @ 1245'

TOC @ 1530' (T.S.)

Fruitland @ 1755'

Plug #4 2055' - 1705'
Cmt with 31 sxs Class B

Pictured Cliffs @ 2005'

DV Tool @ 2265'
Cmt with 345 cf

TOC @ 3381' (Calc, 75%)

Mesaverde @ 3744'

Plug #3 3794' - 3694'
Cmt with 12 sxs Class B

DV Tool @ 4787'
Cmt with 427 cf

Plug #2 5613' - 5513'
Cmt with 21 sxs Class B

TOC @ 5482' (Calc, 80%)

Gallup @ 5563'

Set CIBP @ 6456'

Plug #1 6456' - 6356'
Cmt with 12 sxs Class B

Dakota Perforations:
6506' - 6680'

Dakota @ 6561'

PBTD 6691'

4-1/2" 10.5#, K-55 Casing Set @ 6715'
Cemented with 351 cf

7-7/8" Hole

TD 6715'

Huerfano Unit #226

Current

AIN #4401901

Basin Dakota

NW, Section 33, T-26-N, R-10-W, San Juan County, NM

Lat: 36-26.9424' / Long: -107-54.2742'

Today's Date: 10/4/00
Spud: 3/14/72
Completed: 4/5/72
Elevation: 6675' GL

12-1/4" hole

8-5/8" 24#, KS Casing set @ 237'
177 cf cement (Circulated to Surface)

Well History

Jan '90: Swab well for 5 days to recover
53 bbls fluid.

Oct '92: Swab well.

Feb '96: Swab well, suspect a casing
leak.

Ojo Alamo @ 1030'

Kirtland @ 1195'

TOC @ 1530' (T.S.)

Fruitland @ 1755'

2-3/8" Tubing Set at 6671'
(212 joints, EUE)

Pictured Cliffs @ 2005'

DV Tool @ 2265'
Cmt with 345 cf

TOC @ 3381' (Calc, 75%)

Mesaverde @ 3744'

DV Tool @ 4787'
Cmt with 427 cf

Gallup @ 5563'

TOC @ 5482' (Calc, 80%)

Dakota @ 6561'

Dakota Perforations:
6506' - 6680'

4-1/2" 10.5#, K-55 Casing Set @ 6715'
Cemented with 351 cf

7-7/8" Hole

PBTD 6691'

TD 6715'