

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

1545' FSL, 1270' FEL, Sec. 36, T-27-N, R-9-W, NMPM

5. Lease Number

NO-G-0651-1134

6. If Indian, All. or

Tribe Name

Navajo

7. Unit Agreement Name

Huerfanito Unit

8. Well Name & Number

Huerfanito Unit #78M

9. API Well No.

30-045-28971

10. Field and Pool

Basin DK/Blanco MV

11. County and State

San Juan Co, NM

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

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 Mesaverde formation in the subject well according to the attached procedure. Well will produce as Dakota only.

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

Signed

[Signature]

Title Regulatory Supervisor Date 7/17/01

TLW

(This space for Federal or State Office use)

APPROVED BY

Title

Date

8/14/01

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.

RECEIVED

K

Huerfanito Unit 78M
Dakota/Mesa Verde
1545' FSL & 1270' FEL
Unit I, Section 36, T27N, R09W
Latitude / Longitude: 36° 31.70' / 107° 44.48'
DPNO: 3714001 (DK) 3714002 (MV)
Pumping Unit Installation Procedure (DK)
Plug and Abandon Procedure (MV)

Project Summary: The Huerfanito Unit 78M was drilled in 1993 and completed as a commingled Mesaverde/Dakota. The tubing was last pulled for a pumping unit installation and tubing repair in 9/98. The well was swabbed for three weeks but did not unload. The Huerfanito Unit 78M is currently not producing and is on the NMOCD/BLM demand list to either return to production or plug it. We propose to pull the pump, rods and tubing, squeeze the Mesa Verde perforations, check for fill, replace any worn or scaled tubing, install production equipment and a pumping unit. Estimated uplift is 100 MCFD gross. Cumulative production is 5,065 MMCF (DK) and 449 MMCF (MV).

1. Hold safety meeting. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. **Notify BROG Regulatory (Peggy Bradfield 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.**
2. MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCl water if necessary. Release the donut and POOH with rods and pump. ND wellhead and NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.
3. The tubing is 2-3/8", 4.7#, J-55 set at 6603'. Release donut, pick up additional joints of tubing and tag bottom (record depth.) PBTD should be at +/- 6665'. TOOH with tubing. Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer. If necessary LD and PU workstring.
4. Run gauge ring on wireline to 4667' checking 4-1/2" casing. POOH with gauge ring. Set CIBP with wireline at 4667', (50' below MV perforations). Mesa Verde perforations are 4294'-4617'. TIH with packer and set at 4620'. Pressure test the CIBP to 1000 psi. Once pressure tests set packer at 4094' (200' above top perf). Squeeze the Mesa Verde perforations with 61 sxs Class B neat (100% excess). Notify regulatory agency prior to pumping cement. Pull up, circulate out cement and TOOH. WOC.
5. Pressure test casing to 500 psi. If casing does not pressure test, utilize packer to isolate casing leaks. Establish a pump-in rate and pressure. Notify regulatory agency prior to pumping cement. Resqueeze as necessary. TOOH with packer.
6. Once casing integrity is established TIH with 3-7/8" bit on 2-3/8" tubing to DO cement and CIBP, CO to PBTD with air. PU above the perforations and flow the well naturally, making short trips for clean up when necessary. TOOH with tubing and bit. **Note: when using air/mist, the minimum mist rate is 12 bph..**
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7. Rabbit all tubing prior to TIH. TIH with one joint of 2-3/8" 4.7# J-55 tubing with purge valve on bottom, 6' perf sub, 10' pup joint, 6' pup joint, 1.78" seating nipple, and then remaining 2-3/8" tubing. Replace any

bad joints. Land tubing at +/- 6615' or 50' above CO or PBTD. Note: If excessive fill is encountered, discuss landing depth with Operator Engineer. ND BOP and NU WH.

8. If fill was encountered, contact Operations Engineer to discuss possibility of running a sand screen on the pump. PU and TIH with 2" x 1.25" x 16' RWAC-Z insert pump from Energy Pump & Supply, and 3/4" Norris "D" sucker rods to surface. Install sucker rods with spray metal couplings on bottom half of string. Pressure test to 500#. Test pump action and hang rods on pumping unit. RDMO. **During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production.** Return well to production.

9. Production will set pump off control.

Recommended: Michelle 7-17-01
Operations Engineer

Approval: Bruce D. Bony 7-17-01
Drilling Superintendent

Operations Engineer Joe Michetti
Office - 326-9764
Pager - 326-8385

Sundry Required: YES/NO
Approved: Peggy Cole 7-17-01
Regulatory Approval

Lease Operator: Kenny Culbertson
Specialist: Johnny Cole
Foreman: Darren Randall Office: 326-9808

Cell: 320-2545 Pager: 326-8911
Cell: 320-2521 Pager: 326-8349
Cell: 320-2618 Pager: 324-7335