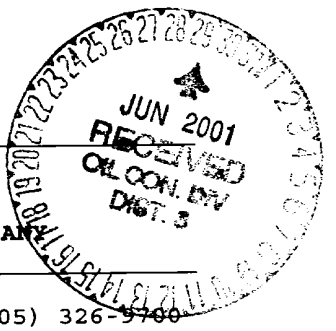
submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

2001 MAY 23 PM 1:31

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**
   800'FSL, 1180'FWL, Sec.34, T-27-N, R-9-W, NMPM

5. **Lease Number**
   SF-078135
6. **If Indian, All. or Tribe Name**
7. **Unit Agreement Name**
   Huerfanito Unit
8. **Well Name & Number**
   Huerfanito Unit #102
9. **API Well No.**
   30-045-11875
10. **Field and Pool**
    Blanco MV/Basin DK
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**	
_X_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other - commingle	

13. **Describe Proposed or Completed Operations**

It is intended to commingle the subject well according to the attached procedure.

st No DHC order issued

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

Signed Peggy Cole Title Regulatory Supervisor Date 5/22/01

TLW

(This space for Federal or State Office use)
APPROVED BY /s/ Jim Lovato Title _____ Date JUN - 6
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.

NMOCD

Huerfanito Unit 102
Dakota /Mesaverde
AIN: 3006201 and 3006201
800' FSL & 1180' FWL
Unit M, Sec. 34, T27N, R09W
Latitude / Longitude: 36° 31.60'/ 107° 46.81'

Recommended Commingle Procedure

Project Summary: The Huerfanito Unit 102 is a dual Dakota/Mesaverde well drilled in 1966. The Dakota is currently shut-in due to an obstruction in the tubing and has a cumulative production of 2,546 MMCF. The Mesaverde was considered non-commercial in 1967 and has not been produced since. We plan to pull both tubing strings, clean out the wellbore, set a CIBP above the Dakota and test the Mesaverde for production. If the Mesaverde is productive, we plan to commingle this well and install a plunger lift in order to keep the well unloaded. If the Mesaverde is not productive, we will squeeze the Mesaverde perfs to permanently abandon the zone and return the Dakota to production. This well has not been pulled since originally completed. Estimated uplift is 75 MCFD for the Dakota and 25 MCFD for the Mesaverde.

1. 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 <u>any</u> cement job. If an unplanned cement job is required, <u>approval is required before the job can be pumped</u>. <u>If verbal approval is obtained, document approval in DIMS</u>. 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. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with 2% KCl water as necessary. ND wellhead and NU BOP. Test and record operation of BOP rams. Have wellhead and valves serviced at machine shop to convert to a single string wellhead (2-3/8"). Test secondary seal and replace/install as necessary.

3. Set a plug with wireline in the SN (6818') in the Dakota tubing or as deep as possible. **NOTE: There is a bumper spring and junk in the tubing.** Pick up 1-1/4" tubing and TOOH laying down the 1-1/4", 2.3#, JCW-55 (4.4' perf joint on bottom) Mesaverde tubing (set at 4658').

4. Release seal assembly from the Baker Model F packer with straight pickup (no rotation required). If seal assembly will not come free, then cut 2-3/8" tubing above the packer and fish with overshot and jars. **NOTE: There is a bumper spring and junk in the tubing.** TOOH with 2-3/8", 4.7#, J-55 Dakota tubing with slimhole collars (set at 6819'). Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer.

5. PU and TIH with Model CK packer retrieval spear (PRS, with holes drilled near rotary shoe), rotary shoe, drain sub, top bushing, bumper sub, jars, and 4-6 drill collars on 2-3/8", 4.7#, J-55, EUE tubing. Mill out Model F packer at 4715' with air/mist. **Note: when using air/mist, the minimum mist rate is 12 bph. <u>Try to maintain air rate at 1,400 cfm. A hydrocarbon stable foamer should be utilized since this well makes significant amounts of condensate.</u>** After milling over the packer slips, POOH with tools and packer body.

6. TIH with 4-3/4" bit and a watermelon mill on 2-3/8" tubing and cleanout to PBTD at +/- 6922'. PU above the perforations and flow the well naturally, making short trips for clean up when necessary. TOOH with tubing.

7. Set a CIBP at 6610'. Swab the Mesaverde in an attempt to return it to production. If the Mesaverde produces gas, run a pitot test. Drill out CIBP. Continue with step 9.

8. If Mesaverde is determined to be non-productive, the zone will be squeezed and permanently abandoned. Contact the Operations Engineer for a squeeze procedure. Notify regulatory agency prior to pumping cement. WOC, drill out and pressure test to 750 psi. Resqueeze as necessary. Cleanout to CIBP at 6610'. Drill out CIBP and cleanout to PBTD. TOOH.

9. TIH with 2-3/8" tubing with an expendable check and a seating nipple on the bottom. Broach all tubing and land at approximately 6820'. ND BOP and NU single string wellhead (2-1/16" master valve). Pump off expendable check and blow well in. RD and MOL. **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.

10. Production Operations will install plunger lift.

Recommended: J Michetti 5-17-1
Operations Engineer

Approval: Bruce D. Boys 5-17-01
Drilling Superintendent

Contacts: Operations Engineer Joe Michetti
Office - 326-9764
Pager – 326-8385

Sundry Required: YES / NO

Approved: Peggy Cole 5-21-01
Regulatory Approval

Lease Operator:	Kenny Culbertson	Cell: 320-2545	Pager: 326-8911
Specialist:	Johnny Cole	Cell: 320-2521	Pager: 326-8349
Foreman:	Darren Randall Office: 326-9808	Cell: 320-2618	Pager: 324-7335

JAM/jms