

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

2001 FEB -5 PM 1:13

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) 326-5488

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

975' FNL, 1485' FWL, Sec.10, T-31-N, R-10-W, NMPM

5. Lease Number  
SF-078389

6. If Indian, All. or  
Tribe Name

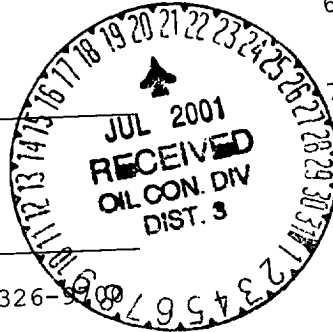
7. Unit Agreement Name

8. Well Name & Number  
Lucerne A #4A

9. API Well No.  
30-045-22505

10. Field and Pool  
Blanco PC/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 - Commingle

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

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

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

Signed Jim Lovato Title Regulatory Supervisor Date 2/5/01  
TLW

(This space for Federal and State Office use)  
APPROVED BY Jim Lovato Title

Date JUL 17

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.

NAACB

**Lucerne A #4A**  
**Blanco PC/Blanco MV**  
**975' FNL, 1485' FWL**  
**Unit C, Section 10, T-31-N, R-10-W**  
**Latitude / Longitude: 36° 55.0461' / 107° 52.37916'**  
**AIN: 5315001 PC/5315002 MV**

**Summary:**

Lucerne A #4A was drilled and completed as a PC/MV dual producer in 1978. In 1994 the casing was squeezed in an effort to repair a bradenhead with pressure. The well was returned to production as a dual producer. The MV currently has a plunger lift system in operation; however oil production has been dropping since the beginning of 2000. The PC production has large production swings as a result of blowing the well often. Since this well also has a high GWI/NRI ratio, it would be advantageous to commingle the well in an effort to reduce operating expense. It is recommended to commingle the PC and MV, and upgrade facilities. Anticipated uplift is 70 Mcfd.

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 Cole 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/WIMS. 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. Set a plug in the MV tubing string. ND WH and NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. (A single-tubing donut and WH for 2-3/8" tubing will be needed.) Test secondary seal and replace/install as necessary.
3. Pictured Cliffs 1-1/4", 2.3#, IJ, 10rd, V-55 tubing is set at 3068'. TOOH and LD PC tubing. Send in to town for inspection and possible salvage. Mesaverde 2-3/8", 4.7#, J-55 tubing is set at 5590'. Pick straight up on MV tubing to release the seal assembly from the 7", Baker Model "D" packer set at 3150'. TOOH with 2-3/8" tubing. LD any bad joints, and seal assembly. Check tubing for scale build up and notify Operations Engineer.
4. TIH with 2-3/8" tubing and Baker Model "CJ" packer milling tool to recover the 7" Baker Model "D" packer at 3150'. Mill on packer **using a minimum mist rate of 12 bph.** TOOH and lay down packer
5. TIH with 3-7/8" bit, bit sub and watermelon mill for 4-1/2", 10.5# casing on 2-3/8" tubing and round trip to PBTD at 5651'. Clean out **using a minimum mist rate of 12 bph.** If scale is present, contact Operations Engineer to determine methodology for removing scale from casing and perforations.
6. TIH with a notched expendable check, SN, one joint 2-3/8", 4.7#, J-55, EUE tubing, one 2' pup joint, then 1/2 of the 2-3/8" tubing. Run a broach on sandline to insure the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. Replace bad joints as necessary. CO to PBTD **using a minimum mist rate of 12 bph** if necessary. Alternate blow and flow periods at PBTD to check water and sand production rates.
7. Land tubing at  $\pm$  5510'. ND BOP and NU single-tubing hanger WH. Pump off expendable check. Obtain final pitot gauge up the tubing. Connect to casing and circulate air to assure the expendable check has pumped off. If well will not flow on its own, make swab run to SN. **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.** RD and MOL. Return well to production.

Recommended: J. L. Dobson  
Operations Engineer

Approved: Bruce L. Byers 2-3-04  
Drilling Superintendent

Jennifer L. Dobson: Office - (599-4026)  
Home - (564-3244)  
Pager - (326-8925)

Sundry Required: YES NO

Approved: [Signature]  
Regulatory

Lease Operator: Cary Green  
Specialist: Joel Lee  
Foreman: Lary Byars

Office: 326-9865

Cell: 320-2636    Pager: 324-7970  
Cell: 320-2490    Pager: 326-8697  
Cell: 320-2452    Pager: 324-7805