

submitted in lieu of Form 3160-5

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

1530' FSL, 1550' FEL, Sec. 3, T-29-N, R-8-W, NMPM

5. Lease Number

SF-078596

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

Well Name & Number

Howell C #2A

9. API Well No.

30-045-21635

10. Field and Pool

Blanco MV/Blanco PC

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 Peggy Cole Title Regulatory Administrator Date 12/28/99
trc

(This space for Federal or State Office use)

APPROVED BY /s/ Charlie Beecham Title _____ Date _____

CONDITION OF APPROVAL, if any:

chsc

AMOCO

HOWELL C #2A
Blanco Pictured Cliffs/Blanco Mesaverde
AIN: 4795401/ 4795402
1530' FSL & 1550' FEL
Unit J, Sec. 03, T29N, R08W
Latitude / Longitude: 36° 45.0595' / 10739.5224'
Recommended Commingle Procedure

Project Summary:

The Howell C #2A was drilled in 1975 and completed in the Mesaverde formation. In 1985, the Pictured Cliffs zone was added. Current Pictured Cliffs production is 43 MCF/D and 400 MCF/D from the Mesaverde. It is proposed to pull both tubing strings and clean-out to PBTD. The well will then be commingled with a single 2-3/8" tubing string and a plunger lift. Anticipated uplift is estimated at 80 MCF/D.

Commingle Procedure:

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.** 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. Pick up 1-1/4" tubing and RIH to the top of the Model F packer (set at 3090') to determine if any fill is present. If fill is present, circulate fill off of the packer. TOOH laying down the 1-1/4", Pictured Cliffs tubing (set at 3066') with orange peeled joint on bottom.
4. Release Model G-22 (assumed) seal assembly from the Model F Packer with straight pickup (no rotation required). If seal assembly will not come free, then cut 2-3/8" Mesaverde tubing above the packer and fish with overshot and jars. TOOH with 2-3/8" 4.7#, J-55, Mesaverde tubing (set at 5406') and Model G-22 seal assembly. Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer.
5. TIH with Model HE 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". Mill out Model F packer at 3090' with air/mist. **Note: when using air/mist, the minimum mist rate is 12 bph. Try to maintain air rate at 1,400 cfm. A hydrocarbon stable foamer should be utilized since this well makes significant amounts of condensate.** After milling over the packer slips, POOH with tools and packer body.
6. PBTD should be at 5504'. TIH with 3-7/8" bit, bit sub and watermelon mill on 2-3/8" tubing and cleanout to PBTD with air/mist. **Note: When using air/mist, minimum mist rate is 12 bph.** TOOH with tubing.
7. TIH with one joint of 2-3/8" tubing with an expendable check on bottom and a seating nipple one joint off bottom. Broach all tubing and land at approximately 5406'. ND BOP and NU single string wellhead (2-1/16" master valve). Pump off expendable check and blow well in. Return well to production.

8. Production Operations will install the plunger lift.

Recommended: Mike Haddenham
Operations Engineer

Approval: Bruce W. Boyer 12.16.99
Drilling Superintendent

Operations Engineer Mike Haddenham
Office - 326-9577
Pager - 327-8427

Mdh 12/16/99