

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) 326-9766

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

1115' FNL, 1800' FWL, Sec. 35, T-31-N, R-12-W, NMDM

5. Lease Number
NMSF-078120-A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Crandell 3

9. API Well No.
30-045-25411

10. Field and Pool
Blanco MV/Aztec 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 procedures.

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

Signed [Signature] Title Regulatory Supervisor Date 02/06/02
FSB

(This space for Federal or State Office use)

APPROVED BY /s/ Jim Lovato Title _____ Date 6-5-12

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.

NMCD

CRANDELL #3
Mesaverde/Pictured Cliffs
1115' FNL & 1800' FWL
Unit C, Sec. 35, T031N, R012W
Latitude / Longitude: 36° 51.56' / -108° 4.224'
AIN: 5293901/5293902
1/30/2002 Commingle Procedure

Summary/Recommendation:

CRANDELL 3 was drilled and completed as a MV/PC dual producer in 1983. In order to optimize production it is recommended to remove the packer and produce both zones up the 2-3/8" tubing string. Currently, the Mesaverde is producing 60 MCF/D and production from the Pictured Cliffs is 10 MCF/D. Anticipated uplift is 50 MCF/D from the MV and 30 MCF/D from the PC.

NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 12'.

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.
2. Broach tbg and set tbg plug in SN at 4912' on the Mesaverde string. To ensure the tbg plug is held in place, fill tbg with half of volume with 2% KCL 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. 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. Pick up 1-1/4" tubing and RIH to the top of the liner (at 2516') to determine if any fill is present. If fill is present, TOO H w/ tubing and LD perforated orange peel joint. TIH w/ 1-1/4" tubing and circulate any fill off of the seal assembly. TOO H with 1-1/4", 2.4#, J-55 PC tubing and LD same. Pick straight up on 2-3/8", 4.7#, J-55 MV tubing set at 4946' (SN @ 4912') to release Baker Model G-22 seal assembly from liner hanger Baker PBR set at 2526'. TOO H and stand back 2-3/8" tubing. LD seal assembly. Visually inspect tubing for corrosion, and replace any bad joints. Check tubing for scale and notify Operations Engineer and Drilling Superintendent if it is present.
4. PU 3-7/8" bit and bit sub on 2-3/8" tubing string and round trip to PBTD (5120'), cleaning out with air/mist. **NOTE: When using air/mist, minimum mist rate is 12 bph.** If scale is present, contact Operations Engineer and Drilling Superintendent to determine methodology for removing scale from casing and perforations.
5. TIH with an expendable check on bottom, seating nipple, one joint 2-3/8", 2' x 2-3/8" pup joint, then 1/2 of the 2-3/8" tubing. Run a broach on sandline to ensure the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. Replace bad joints as necessary. CO to PBTD with air/mist using a minimum mist rate of 12 bph. Alternate blow and flow periods at PBTD to check water and sand production rates.
6. Land tubing at approximately 4946'. 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 that the expendable check has pumped off. If well will not flow on its own, make swab run to seating nipple. **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: Matt Roberts 01/30/02

Operations Engineer

Approved: Bruce D. Boyer 2-5-02

Drilling Manager

Matt Roberts

Office: 599-4098

Cell: 320-2739

Sundry Required: YES NO

Approved: Peggy Cole 2-5-02

Regulatory

Lease Operator: Ken Jones
 Specialist: Mick Ferrari
 Foreman: Ken Raybon

Cell: 320-2535 Pager: 326-8637
 Cell: 320-2508 Pager: 326-8865
 Office: 326-9804 Pager: 324-0104