

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

1120' FSL, 1750' FEL, Sec. 12, T-28-N, R-8-W, NMPM

5. Lease Number
NMSF-078390A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Hardie D #1A

9. API Well No.
30-045-23851

10. Field and Pool
So Blanco Pict Cliffs/
Blanco Mesaverde

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.
DHC-150az has been obtained for this commingling.

THIS NOI TO DHC REPLACES THE OTHER NOI TO
DHC DATED 1/4/01.

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

Signed Regan Calk (JPW3) Title Regulatory Supervisor Date 8/13/02
no

(This space for Federal or State Office use)

APPROVED BY /s/ Jim Lovato Title _____ Date AUG 20
CONDITION OF APPROVAL, if any:

Hardie D #1A
Pictured Cliffs/ Mesaverde
1120' FSL & 1750' FEL
Unit O, Sec. 12, T28N, R08W
Latitude / Longitude: 36° 40.308' / -107° 37.76'
AIN: 5300501 PC / 5300502 MV
6/13/2002 Commingle Procedure

Summary/Recommendation:

The Hardie D #1A was drilled and completed as a Pictured Cliffs/ Mesaverde dual producer in 1980. The Pictured Cliffs formation last reported production in November 1999, but the last consistent production was prior to April 1991. In order to optimize production it is recommended to remove the packer and produce both zones up 2-3/8" tubing. Currently, the Pictured Cliffs formation is shut-in, and the Mesaverde formation is producing 149 MCF/D. Anticipated uplift is 15 MCF/D from the Pictured Cliffs and 40 MCF/D from the Mesaverde.

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. **Prior to moving rig on, broach tbg and set tbg plug in SN at 5582' 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", 2.33#, J-55 Pictured Cliffs tubing set @ 3148' (SN @ 3115'; btm jt is perf'd & orange-peeled) and RIH to the top of the liner hanger (~3257') to determine if any fill is present (record depth). TOOH laying down the Pictured Cliffs tubing.
4. Release Baker Model G-22 seal assembly from the liner top PBR 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. TOOH with 2-3/8", 4.7#, J-55 Mesaverde tubing (set at 5614'). Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer.
5. TIH with 3-7/8" bit and watermelon mill on 2-3/8" tubing. Cleanout to PBTD at +/- 5662' with air/mist. PU above the perforations (top perf @ 3044') and flow the well naturally, making short trips for clean up when necessary. **Note: when using air/mist, the minimum mist rate is 12 bph.** If scale is present, contact Operations Engineer and Drilling Manager to determine methodology for removing scale from casing and perforations. TOOH w/ tubing.
6. 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.
7. Land tubing at approximately 5310'. 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.

Area 3

Recommended: *W. McWilliams* 8/12/02 Operations Engineer
Approved: *Bruce W. Bony* 8-13-02 Drilling Manager

Jay Paul McWilliams Office: 324-6146
Cell: 320-2586

Sundry Required: *YES* / NO
Approved: *Deputy Cole* 8-13-02 Regulatory

Lease Operator: Toby Hill
Specialist: Jim Work
Foreman: Darren Randall

Cell: 320-0290 Pager: 327-8825
Cell: 320-2447 Pager: 324-7721
Cell: 320-2618 Pager: 324-7335