

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

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

1190' FSL, 850' FEL, Sec. 3, T-27-N, R-6-W, NMPM *R*

99 NOV 12 PM 1:09

070 W. J. L. ON, NM

5. Lease Number
SF-079049-A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
San Juan 28-6 Unit

8. Well Name & Number
San Juan 28-6 U #115M

9. API Well No.
30-039-25627

10. Field and Pool
Blanco MV/Basin DK

11. County and State
Rio Arriba 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 -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to repair the casing in the subject well according to the attached procedure.

NOV 19 1999

OIL & GAS DIV.
BML 3

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

Signed *Sam Cole* Title Regulatory Administrator Date 11/11/99
trc

(This space for Federal or State Office use)

APPROVED BY /s/ Joe Hewitt Title _____ Date 7

CONDITION OF APPROVAL, if any:

NMOCD

San Juan 28-6 Unit #115M
Blanco Mesaverde/Basin Dakota
Unit P, Sec. 3, T-27-N, R-06-W
Latitude / Longitude: 36° 35.94084' / 107° 26.86248'
Recommended Casing Repair Procedure 11/9/99

Project Justification: The San Juan 28-6 Unit #115M was completed in 1997 as a commingled Mesaverde/Dakota producer. Through production testing, the Dakota has been allocated 54% of the produced gas and 100% of the produced condensate. During the week of October 12, 1999, the lease operator reports witnessing the production of "nasty, black water", that he believed was caused by downhole scale precipitation. On October 15, a sample of the well's produced water was analyzed, and although information on its origin is unavailable, it was noted as having a tendency to precipitate scale. That same day, the well was acidized. Shortly thereafter, on October 17, the well's production suddenly plummeted from approximately 400 MCF/D to zero, with an accompanying drop in flowing casing pressure from about 500 psig to just 75 psig. Currently, the well's SICP is only 50 psig. Slickline was used to remove the piston and bumper spring on November 5.

Prior to the suspected casing failure, the Mesaverde had been producing 93 MCF/D, with another 110 MCF/D coming from the Dakota (3-month averages). It is believed that by isolating and repairing the casing failure, production can be restored to its pre-failure levels. Remaining reserves are estimated for the Mesaverde as 290.8 MMCF and 341.4 MMCF for the Dakota.

NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 10'.

1. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Prior to moving in rig, make one-call and then verify rig anchors and dig pit.
2. MIRU workover rig. NU relief line and blow well down (kill with 2% KCL water only if necessary). ND WH and NU BOP. Test and record operation of BOP rams. Replace any WH valves that do not operate properly. Test secondary seal and install or replace if necessary.
3. 2-3/8", 4.7#, J-55 tubing set at **7419'** (235 jts). Broach tubing and set tubing plug in nipple at **7385'**. Fill tubing with half of its volume of 2% KCL to insure the tubing plug will be held in place. Release donut, pick up additional joints of tubing and tag bottom, recording the depth. PBTD should be at **7550'**. TOOH and stand back 2-3/8" tubing. 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 and round-trip to PBTD, cleaning out with air/mist. **NOTE: When using air/mist, mist rate must not be less than 12 bph.** LD bit and bit sub.
5. PU & TIH w/ 4-1/2" RBP and 4-1/2" Retrieromatic packer on 2-3/8" tubing. Set RBP at **4507'** (50' above top perf) and spot 1 sack of sand on top. Pressure test RBP and casing to 2700 psig. If casing holds pressure, go to Step 8. If the casing does not hold pressure, isolate casing leak with 4-1/2" packer. If the leak is above **2998'** (the top of the 4-1/2" casing), TOOH w/ 4-1/2" packer and use 7" full-bore packer to isolate leak in 7" casing.
6. Isolate leak in casing and contact Operations Engineer for squeeze procedure. Drill out cement and pressure test. Re-squeeze as necessary.
7. If necessary, PU 6-1/8" bit and bit sub on 2-3/8" tubing and round-trip to 50' above 4-1/2" casing stub (**2948'**), cleaning out with air/mist. LD bit and bit sub.

8. PU 3-7/8" bit and bit sub on 2-3/8" tubing and clean out to top of RBP with air/mist. LD bit and bit sub. TIH with retrieval tool on 2-3/8" tubing and retrieve RBP. LD RBP and retrieval tool.
9. TIH with one 4' pup joint of 2-3/8" tubing with expendable check, seating nipple (above pup joint), then 1/2 of the 2-3/8" production tubing. Run a broach on sandline to ensure that the tubing is clear. TIH with remaining 2-3/8" tubing. Replace any bad joints. CO to PBTD with air/mist.
10. PU above the top Mesaverde perforation at **4557'** and flow the well naturally, making short trips for clean-up when necessary. Discuss sand production with Operations Engineer and Drilling Superintendent to determine when clean-up is sufficient.
11. Land tubing at **7419'**. Obtain pitot gauge from casing and report this gauge. Broach the upper 1/2 of the production tubing. ND BOP and NU WH. Pump off expendable check. Connect to casing and circulate air to ensure that expendable check has pumped off. If well will not flow on its own, make swab run to SN. RD and MOL. Return well to production.

Recommended: *L. Tom Loveland* 11/11/99 Operations Engineer
Approved: *M. L. Kiepert* 11-11-99 Drilling Superintendent

Operations Engineer: L. Tom Loveland

Office 326-9771
Pager 324-2568
Home 564-4418

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BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1999 NOV 30 PM 1:39

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GAS

2. Name of Operator

BURLINGTON

OIL & GAS COMPANY

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13. Describe Proposed or Completed Operations

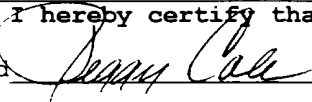
11-18-99 MIRU. ND WH. NU BOP. Tbg is stuck. SDON.

11-19-99 TIH w/free point. TOO H. TIH w/chemical cutter. Chemical cut tbg @ 3073'. TOO H w/cutter & 96 jts 2 3/8" tbg. TIH w/fishing tools. TOO H w/fish & fishing tools. TIH w/3 7/8" bit to 3500'. SD for weekend.

11-22-99 TIH to 7430'. Blow well & CO to PBTD @ 7550'. SDON.

11-23-99 TOO H w/bit. TIH w/235 jts 2 3/8" 4.7# J-55 EUE tbg, landed @ 7413'. ND BOP. NU WH. Load tbg w/wtr. PT tbg to 500 psi/15 min, OK. Reverse circ up tbg. RD. Rig released.

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

Signed
no

Title Regulatory Administrator Date 11/29/99

(This space for Federal or State Office use)

APPROVED BY

Title

Date

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ACCEPTED FOR RECORD

DEC 11 1999

NMOC

BUREAU OF LAND MANAGEMENT OFFICE