

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well
GAS

API # (assigned by OCD)
30-039-20462

5. Lease Number

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

6. State Oil&Gas Lease #
E-290-19

7. Lease Name/Unit Name

San Juan 27-5 Unit

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well No.

#146

9. Pool Name or Wildcat
Blanco MV/Basin DK

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

890' FSL, 840' FWL, Sec.36, T-27-N, R-5-W, NMPM, Rio Arriba County, NM

10. Elevation:

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other - Tubing Repair

☐ 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 tubing in the subject well according to the attached procedure.

RECEIVED
DEC 22 1999
OIL CON. DIV.
FMS

SIGNATURE

Patty Cole

Regulatory Administrator December 20, 1999

trc

(This space for State Use)

ORIGINAL SIGNED BY CHARLIE T. PERDUE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approved by

Title

Date

DEC 22 1999

San Juan 27-5 #146
Dakota/Mesa Verde Commingle
890' FSL and 840' FWL
Unit M, Section 36, T27N, R05W
Latitude / Longitude: 36° 31.5170' / 107° 18.9203'
DPNO: 4406201/4406202
Tubing Repair Procedure

Project Summary: The San Juan 27-5 #146 (Dakota formation) was drilled in 1972. A Mesa Verde payadd and commingle was completed in June 1996. The tubing was last pulled in November 1996 for a tubing repair. A fish was left in the hole at 8255' in 1996, which we will NOT attempt to recover. **Do not go below 8250' to avoid the fish.** A wireline check (3/26/98) indicates fill at 7890'. We propose to replace the 1-1/2" tubing with 2-3/8" tubing, clean out fill and add a plunger lift. NOTE: It is likely that the MV is heaving a substantial amount of frac sand. Three month average production is 6 MCFD (Dakota) and 53 MCFD (Mesa Verde). Estimated uplift is 74 MCFD (Dakota) and 23 MCFD (Mesa Verde). Cumulative production is 636 MMCF (Dakota) and 140 MMCF (Mesa Verde).

1. Hold safety meeting. 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 Bradfield 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. NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.
3. The tubing is 1-1/2", 2.9#, J-55 set at 8207'. Release donut and TOOH laying down the 1-1/2" tubing.
4. Pick up 2-3/8", 4.7#, J-55 new or yellow banded tubing. TIH with 3-7/8" bit and watermelon mill on 2-3/8" tubing to 8250' (stay above fish), cleaning out with air/mist. PU above the perforations and flow the well naturally, making short trips for clean up when necessary. TOOH with tubing. NOTE: When using air/mist, minimum mist rate is 12 bph.
5. TIH with one joint of 2-3/8" tubing with an expendable check on bottom and a seating nipple one joint off bottom. Run a broach on sandline to insure that the tubing is clear. Land tubing at approximately 8210'. ND BOP and NU WH. Pump off expendable check. Connect to casing and circulate air to assure 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.
6. Production operations will install the plunger lift.

Recommended: Tim Friesenhahn 12-13-99
Operations Engineer

Approved: Bruce W. Boye 12-14-99
Drilling Superintendent

Tim Friesenhahn
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Pager - 324-7031