

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

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

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

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

1085' FSL, 795' FWL, Sec. 21, T-29-N, R-11-W, NMPM, San Juan County

API # (assigned by OCD)

30-045-07974

5. Lease Number

Fee

6. State Oil&Gas Lease #

7. Lease Name/Unit Name

Sategna

8. Well No.

2

9. Pool Name or Wildcat
Basin Dakota

10. Elevation:

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other - Bradenhead repair

☐ Change of Plans

☐ New Construction

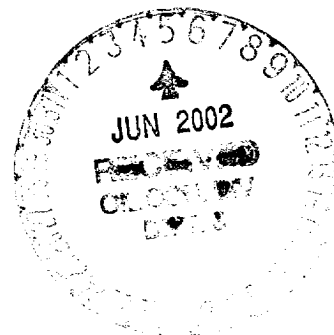
☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to repair the bradenhead of the subject well according to the attached procedure.



SIGNATURE *Reggie Cole* (MR2) Regulatory Supervisor June 4, 2002

no

(This space for State Use)

ORIGINAL MAILED BY CHARLES T. PERLIN

DEPUTY OIL & GAS INSPECTOR, DIST. #

Approved by

Title

Date

JUN - 5 2002

Area 2

Sategna #2
Dakota Formation
1085 FSL 795 FWL
SW SW Sec. 21, T29N, T11W
Latitude / Longitude: 36° 42.4118' / -107° 0.1584'
San Juan County, New Mexico
AIN: 6936601

4/24/02 Bradenhead Repair Procedure

Summary/Recommendation:

Sategna #2 was drilled and completed as a Mesaverde producer in 1960. The 3-month average production is 75 Mcfd and cumulative production is 5311 MMcf. The bradenhead will pressure up to 155 psi and flows gas and condensate. It is recommended to pull the tubing, run a CBL, remediate and place the well back on production.

1. Comply with all BLM, and BROG regulations. Conduct daily safety meetings for all personnel on location. **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 the 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. 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. Test secondary seal and replace/install as necessary.
3. The tubing is 2-3/8", 4.7#, J-55 and set at 6117'. Release donut, pick up additional joints of tubing and tag bottom (record depth.) PBDT should be at \pm 6205'. TOOH and stand back tubing. Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale and notify Operations Engineer.
4. RU wireline unit. RIH with 4-1/2" CIBP and set at approximately 5970' (top perf is at 6022'). Load hole with 2% KCl water. Run GR-CBL to determine TOC and cement bond quality. According to the temperature survey, TOC for the first stage is at 4850'. A DV tool is at 1676' and TOC is approximately 1500' on the second stage. Send log into office for evaluation. Pressure test casing to 500 psi. Bleed off pressure. If pressure test fails, isolate leak with packer. Contact superintendent and operations engineer for squeeze design.
5. Perforate 2-4 squeeze holes per the recommendation from Step 4. RIH with 4-1/2" cement retainer and set 150' above perforations. RD wireline unit. RIH with 2-3/8" tubing and sting into cement retainer. Pressure test cement retainer to 500 psig. Establish rate into perforations with bradenhead valve open. (Max pressure 1000 psig).
6. Mix and pump cement. Displace cement to cement retainer. Close bradenhead valve and squeeze cement into perforations. Maintain squeeze pressure and WOC 12 hours (overnight).
7. TOOH with tubing and pick up 3-7/8" bit. TIH with 3-7/8" bit on 2-3/8" tubing and drill out cement retainer and cement. Pressure test casing to 500 psig. Test bradenhead valve for flow. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.
8. TIH with 3-7/8" mill and bit and drill out CIBP. Cleanout to PBDT at 6205'. TOOH and LD mill and bit.
9. TIH with expendable check, one joint of 2-3/8" tubing, SN, then half of the 2-3/8" tubing. Run a broach on sandline to ensure that the tubing is clear. TIH with remaining 2-3/8" tubing and broach this tubing to the SN. Replace any bad joints. Alternate blow and flow periods to check water and sand production rates.
10. Land tubing at \pm 6120'. ND BOP and NU single-tubing hanger WH. Pump off expendable check. Obtain final pitot gauge up tubing. Connect to casing and circulate air to assure the expendable check has pumped off. If well will not flow on its own, make a swab run to SN. RD and MOL. Return well to production.

Recommended: Matt Roberts 05/03/02
Operations Engineer

Approved: Bruce D. Bough 5.3.02
Drilling Manager

Matt Roberts Office: 599-4098
Cell: 320-2739

Sundry Required: ☒ YES ☐ NO

Approved: Peggy Cole - 6-4-02
Regulatory

Production Foreman Steve Florez
Specialist Terry Nelson
Lease Operator Richard McKenzie

326-9560 (Office) 326-8199 (Pager)
320-2503 (Cell) 326-8473 (Pager)
320-2534 (Cell) 326-8359 (Pager)

MBR/plh