

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

3. Address & Phone No. of Operator

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

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

1180' FSL, 1180' FWL, Sec.24, T-31-N, R-11-W, NMPM, San Juan County

API # (assigned by OCD)  
30-045-22106

5. Lease Number  
Fee

6. State Oil&Gas Lease #

7. Lease Name/Unit Name

Turner SRC  
8. Well No.  
#1A

9. Pool Name or Wildcat  
Blanco Mesaverde

10. Elevation:

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

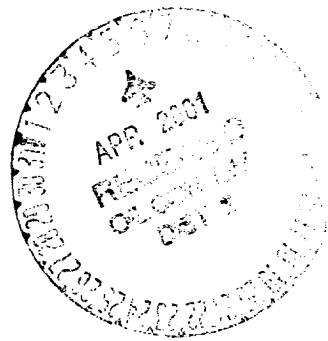
☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

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



SIGNATURE

*[Signature]*

Regulatory Supervisor April 3, 2001

TLW

(This space for State Use)

ORIGINAL SUBMITTED TO THE STATE OF NEW MEXICO

DEPUTY OIL & GAS INSPECTOR

Approved by

Title

Date

APR - 5 2001

## Turner SRC #1A

1180'FSL, 1180' FWL  
Unit M, Section 24, T-31-N, R-11-W  
Latitude / Longitude: 36° 52.7939' / 107° 56.7965'  
DPNO: 7613801 Mesaverde  
Casing Squeeze Procedure

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

### **Summary/Recommendation:**

The Turner SRC #1A was drilled and completed in 1977 in the MV formation. The well is currently not producing, due to liquid loading problems that arose from a tubing repair in February 2001. This workover was meant to remove a possible sand bridge between the tubing and casing. The suspected sand bridge turned out to be a packer set at about 4235'. After fishing for over a week, the packer was removed. This packer was not listed in the well files, but was marked into one of the well's logs. The well is perfed from 3975' to 4903'. Since removing the packer, this well will not produce. It is recommended that the casing be tested to check for leaks uphole. Due to the fact that the packer was set in the perfs, it is suspected that the water is coming from the perfs above that packer's previous depth; if that is the case, we will perform a squeeze job on those perforations from 3975'-4235'. Currently, the well is not producing. Anticipated uplift is 140 MCF/D.

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. **Mesaverde tubing is set at 4803' as follows: one saw tooth collar, one joint of 2-3/8" tubing, a seating nipple and 155 joints of 4.7# 2-3/8" tubing.** Release donut, pick up additional joints of tubing and tag bottom, recording the depth. PBTD should be at +/- 4943'. If fill is encountered, cleanout with air/mist. **NOTE: When using air/mist, minimum mist rate is 12 bph.** TOOHH with tbgs. LD sawtooth collar.
4. TIH w/ 4-1/2" CIBP and packer on 2-3/8" tubing. Set CIBP at 4223'. Set packer and pressure test CIBP to 500 psi. POOH w/ packer and set at 3825'. Pressure test casing to 500 psi. If pressure test fails isolate casing failure with 4-1/2" packer on 2-3/8" tubing and contact superintendent and operations engineer for casing squeeze procedure. If pressure test holds, continue to step 5.
5. Establish circulation through perforations. Mix and pump cement. Displace cement to 50' below packer. Unset packer and POOH w/ 5 stands and reset packer. Maintain 500 psi squeeze pressure and WOC 12 hours (overnight).
6. TOOHH with tubing and packer. TIH with 3-7/8" bit to drill out cement. Pressure test casing to 500 psig. Re-squeeze as necessary to hold pressure. If pressure test holds, drill out CIBP, and CO to PBTD. TOOHH with tubing.
7. TIH with expendable check, "F" nipple, one joint of 2-3/8" tubing, one 3' 2-3/8" pup joint, and then 1/2 of 2-3/8" tubing. Run a broach on sandline to insure that the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. Replace any bad joints. CO to PBTD with air/mist. PU above the perforations and flow the well naturally, making short trips for clean up when necessary.

**Turner SRC #1A**  
**Mesaverde**  
**1180' FSL, 1180' FWL**  
**Unit M, Section 24, T-31-N, R-11-W**  
**Latitude / Longitude: 36° 52.7939' / 107° 56.7965'**  
**DPNO: 7613801 MV**  
**Casing Squeeze Procedure**

8. Land tubing at  $\pm$  4885'. ND BOP and NU 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. **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: Ryan Crowe  
Operations Engineer

Approved: Bruce W. Bong 4-3-01  
Drilling Superintendent

Sundry Required: YES NO

Approved: Jeffrey Cole 4-3-01  
Regulatory

Operations Engineer  
D. Ryan Crowe:

Office – (599-4098)  
Home – (324-6767)  
Pager – (326-8925)

Foreman  
Ken Raybon

Office – (326-9804)  
Mobile – (320-0104)  
Pager – (320-2559)

Lease Operator  
Bobby Jaquez

Mobile – (320-1353)

DRC/plh