

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
1820' FSL 950' FWL, Sec. 20, T-32-N, R-6-W, NMPM, San Juan County

5. Lease Number
Fee

6. State Oil&Gas Lease #

7. Lease Name/Unit Name
Allison Unit

8. Well No.
#10A

9. Pool Name or Wildcat
Blanco Mesaverde

10. Elevation:

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment ☐ Change of Plans

☐ Recompletion ☐ New Construction

☐ Plugging Back ☐ Non-Routine Fracturing

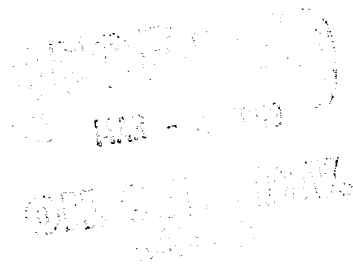
☐ Casing Repair ☐ Water Shut off

☐ Altering Casing ☐ Conversion to Injection

☒ Other -

13. Describe Proposed or Completed Operations

It is intended to add Lewis pay to the Mesaverde formation of the subject well according to the attached procedure and wellbore diagram.



SIGNATURE *Ernie Busch* (RLG) Regulatory Administrator March 2, 1999

TLW

(This space for State Use)

Approved by ORIGINAL SIGNED BY ERNIE BUSCH Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date MAR 3 1999

✓

- Comply with all BLM, NMOCD, & BR rules & regulations.
 - **Hold Safety Meetings.** Place fire safety equipment in strategic locations.
 - Spot and fill 4 frac tanks with 2% KCl water.
 - Use drill gas for all operations.
 - (1) 4-1/2" CIBP required for 4-1/2" 10.5# K-55 pipe.
 - (1) 4-1/2" Model 'EA' Retrieivomatic Packer
 - 3700' 3-1/2" 9.3# N-80 Frac string
 - 4 jts 2-7/8" 6.5# N-80 buttress tubing
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The well is completed in the Blanco Mesaverde (CH/MN/PL) and is currently producing 105 MCFD. Cumulative production is 1290 MMCF with remaining reserves of 495 MMCF. The Lewis will be stimulated in one stage with a 70 Quality foam, 25# linear gel frac and 200K# sand. Foam is to be used to limit fluid damage to the Lewis and aide in flowback. The flowback choke schedule is to be used to ensure that proppant remains in the fractures.

**NOTE: Cliffhouse/Menefee perms open 5321' – 5610'
Point Lookout perms open 5646' - 6096'**

1. MIRU. Record and report SI pressures on tubing, casing, and bradenhead. Blow down casing and tubing. Kill well w/ 2% KCl. ND WH, NU BOP.
2. TOOH with 2-3/8" 4.7# J-55 tubing from 6059' (195 joints, SN @ 6025'). Visually inspect tubing, replacing any bad joints.
3. RU wireline unit. Run 4-1/2" gauge ring to 5060'. POOH. TIH with 4-1/2" Mechanical set CIBP on 2-3/8" tbg at 5050' to isolate the open Mesaverde perms. Load hole while tripping out.
4. Pressure test casing to 1000 psi for 10 minutes. With hole loaded and 1000 psi, run CBL from 5040' to 3650'. Send logs to Drilling Dept. and B. Goodwin for evaluation.
5. TIH with 4-1/2" pkr on 2-3/8" tbg. Set pkr at 3725'. Pressure test to 3800 psi. Unload hole. TIH to 5045', unload hole. Spot 500 gal of 15% Acetic Acid. TOOH.
6. Under packoff, perforate Lewis at the following depths with select fire HSC gun using Owen 3125-302T 10g charges (0.29" hole, 16.64" penetration), 1 SPF @ 180 degree phasing.


RLG3

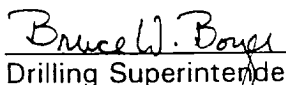
4403', 4406', 4412', 4416', 4420', 4424', 4429', 4488', 4492', 4525', 4529',
4678', 4682', 4698', 4702', 4706', 4712', 4716', 4720', 4725', 4730', 4748',
4752', 4765', 4769', 4773', 4804', 4808', 4816', 4820', 4824', 4828', 4832',
4849', 4851', 4853', 4857', 4860', 4862', 4886', 4890', 4894', 4900', 4904',
4908', 4912', 4968', 4972'

(48 total holes, 569' gross interval)

7. TIH with 4-1/2" pkr on 4 jts 2-7/8" 6.5# N80 buttress tbg and 3-1/2" 9.3# N80 frac string. Set pkr at 3725'. RU flowback equipment so that flowback can commence within 30 min after shutdown.
8. RU stimulation company. Test surface lines to 6000 psi. **Max surface pressure = 3900 psi at 5 BPM. Max static pressure = 3800 psi.** Break down Lewis w/ 1000 gallons 15% **Acetic Acid** and 4000 scf/m Nitrogen.
9. Begin fracture treatment. **Max surface pressure = 6000 psi at 40 BPM. Max static pressure = 3800 psi.** Fracture stimulate w/ 200,000# 20/40 Arizona sand in 70 Quality foam with 25# Linear gel at 40 BPM. (Estimated pressure drop due to friction in the wellbore is 3673 psi at 40 BPM.) See attached frac schedule for details. (4 frac tanks needed)
10. Shut well in after frac and record ISIP. RD stimulation company. Install flowback line above frac valve. Commence flowback within 30 min after shutdown. Open well to pit, starting with a 10/64" choke. Continue increasing choke size and cleaning well up until fluid returns are negligible. Take pitot gauges when possible.
11. RD flowback equipment. TOOH, laying down 3-1/2" frac string.
12. TIH w/3-7/8" bit on 2-3/8" tbg and clean out to CIBP at 5050'. Pull above perfs and obtain pitot gauge for the Lewis. Drill out CIBP (minimum mist rate of 12 BPH).
13. Clean out to PBTD (6146'). Clean up to minimal water and trace to no sand. Obtain combined pitot gauge.
14. Prepare to run production tubing string as follows: expendable check, one joint 2-3/8" tubing, 1.78" seating nipple, and remaining tubing. Land tubing @ 6096'.
15. ND BOP's, NU single tubing hanger wellhead. Pump off expendable check. Obtain final pitot up tubing. If well will not flow on it's own, make swab run to seating nipple. If swab run is not necessary, run a broach on slickline to ensure that the tubing is clear. RD and MOL. Return well to production.

Recommend: 
Production Engineer 2-2-99

Approved:  2/6/99
Basin Opportunities Team Leader

Approved:  2-17-99
Drilling Superintendent For RLB

Vendors:

Wireline	Basin	327-5244
Stimulation	Dowell	325-5096

Production Engineer: **Bobby Goodwin**
326-9713-work
564-7096-pager
599-0992-home

Allison Unit # 10A

Blanco Mesaverde

Unit L, Section 20, T32N, R6W

San Juan County, NM

Elevation: 6506' GL, 6516' KB

LAT: 36 57.80' / LONG: 107° 29.25'

date spud: 9/18/79

