

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

1830' FSL, 1760' FEL, Sec. 4, T-26-N, R-8-W, NMPM

5. Lease Number  
SF-078430

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Newsom A #20

9. API Well No.  
30-045-25753

10. Field and Pool  
Blanco MV/Baca Gallup

11. County and State  
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☒ Recompletion

☐ New Construction

☒ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Final Abandonment

☐ Altering Casing

☐ Conversion to Injection

☒ Other - abandon Gallup formation

13. Describe Proposed or Completed Operations

It is intended to recomplate the subject well to the Mesaverde formation according to the attached procedure and wellbore diagram. The existing Gallup formation will be plugged and abandoned.

**RECEIVED**  
FEB 27 1998

**OIL CON. DIV.**  
**DIST. 3**

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

Signed [Signature] (PMPOpps) Title Regulatory Administrator Date 2/12/98

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date 2/24/98

CONDITION OF APPROVAL, if any:

RECEIVED  
JAN 10 1964  
U.S. AIR FORCE  
OFFICE OF THE  
JOINT CHIEFS OF STAFF  
WASHINGTON, D.C.

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer 00, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C  
Revised February 21, 1997  
Instructions on  
Submit to Appropriate District Office  
State Lease - 4 Cc  
Fee Lease - 3 Cc

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-25753		Pool Code 72319/3745		Pool Name Blanco Mesaverde/Baca Gallup	
Property Code 7362		Property Name NEWSOM A			Well Number 20
OGRID No. 14538		Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			Elevation 6800'

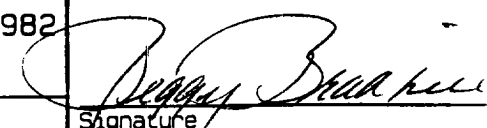
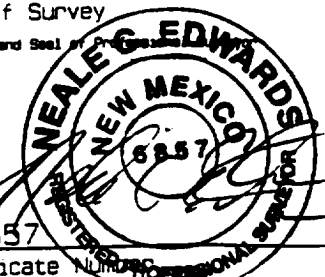
10 Surface Location

UL or lot no. J	Section 4	Township 26N	Range 8W	Lot Idn	Feet from the 1830	North/South line South	Feet from the 1760	East/West line East	County SAN JUAN
--------------------	--------------	-----------------	-------------	---------	-----------------------	---------------------------	-----------------------	------------------------	--------------------

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres Gal - 40 MV-S/320		Joint or Infill		Consolidation Code		Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>16</div> <div>RECEIVED FEB 27 1998 OIL CON. DIV. DIST. 3</div>	<div>*Not re-surveyed: Prepared from plat By: Michael Daly Dated 5 December, 1982</div> <div>1760'</div> <div>1830'</div>		<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained here is true and complete to the best of my knowledge and belief.</div> <div> Signature/ Peggy Bradfield Printed Name Regulatory Administrator Title 1-16-98 Date</div>
	<div>18 SURVEYOR CERTIFICATION</div> <div>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made or under my supervision, and that the same is true and correct to the best of my belief.</div> <div>JANUARY 6, 1998 Date of Survey Signature and Seal of  6857 Certificate Number</div>		

REVIEWED  
APR 19 1964

APR 19 1964  
8 1964

NEWSOM A #20 MV  
Recompletion Procedure  
J 4 26 8  
San Juan County, N.M.  
Lat-Long: 36-31.03" - 107-41.62"

**PROJECT SUMMARY:** Plug Gallup and open MV to production.

1. Comply to all NMOCD, BLM, and BROG rules and regulations. MOL and RU completion rig. NU 7-1/16" 3000 psi BOP w/flow tee and stripping head. Test operation of rams. NU blooie line and 2-7/8" relief line.
2. Set blanking plug in S.N. of 2-3/8" tbg @ 6914' and pressure test to 3000 psi. TOH w/2-3/8" tbg. Run 5-1/2" csg scraper on 2-3/8" tbg to 6170'. TOH. Run 5-1/2" cmt retainer on 2-3/8" tbg and set @ 6170'. Pump 200 sx cmt. This will fill Gallup and Greenhorn perms and 5-1/2" csg to 6170' w/100% excess cmt. Sting out of retainer, place 5 sx cmt on top of cmt ret, and reverse out cmt. TOH.
3. MI wireline. Set drillable BP @ 5200'. Run CBL from 5200' to surface and correlate to attached open hole log. If necessary, pressure csg to 1000 psi for CBL log. **Hot-shot** log to Mike Pippin (326-9848). Run 5-1/2" pkr on 2 jts 2-3/8" tbg and pressure test csg to 3500 psi. TOH.

**POINT LOOKOUT:**

4. TIH w/2-3/8" tbg open ended and spot 120 gal 15% HCL acid across Point Lookout perms @ 5104'-4987'. TOH.  
All acid on this well to contain the following additives per 1000 gal:

2 gal	CI-22	corrosion inhibitor
5 gal	Ferrotrol-300L	iron control
1 gal	Flo-back 20	Surfactant
0.5 gal	Clay Master-5C	clay control
5. Perf Point Lookout w/1 spf @ 4987', 5001', 03', 06', 09', 13', 16', 19', 21', 23', 27', 36', 40', 45', 48', 51', 77', 90', 93', 5104'. Total 20 holes. Perf w/select fire HSC gun using HSC-3125-302T 10 gr Owen jets which should give a 0.29" hole and 16.64" of penetration in concrete.
6. Fill 6 - 400 bbl. frac tanks with 1% KCL water. If necessary, filter all water to 25 microns. Five tanks are for gel and one tank for breakdown water. Usable gel water required for frac is 1426 bbls.
7. TIH w/5-1/2" pkr on 2-3/8" tbg and set @ 4800'. W/ 1000 psi on annulus, breakdown and attempt to balloff Point Lookout perms w/1500 gal 15% HCL acid and 50 RCN 7/8" 1.3 sp gr perf balls. Use same acid additives as in step #4. Max. pressure is 4700 psi. Lower pkr to 5110' to knock off perf balls. TOH.
8. Run 5-1/2" pkr on 2 jts 3-1/2" tbg w/shaved collars to protect wellhead. Frac Point Lookout w/55,000 gals. of slick water and 90,000# 20/40 Arizona sand. Pump at 60 BPM. Sand to be tagged w/ 3 RA tracers. Max. pressure is 3500 psi and estimated treating pressure is 2500 psi. Treat per the following schedule:

NEWSOM A #20 MV - RECOMPLETE FROM GALLUP TO MESAVERDE

<u>Stage</u>	<u>Water (Gals.)</u>	<u>Sand Vol. (lbs.)</u>
Pad	10,000	---
1.0 ppg	10,000	10,000
2.0 ppg	25,000	50,000
3.0 ppg	10,000	30,000
Flush	<u>(4,900)</u>	<u>0</u>
Totals	55,000	90,000#

If well is on vaccum near end of frac job, cut flush as necessary to avoid overflushing and slow rate during flush. Frac with the following additives per 1000 gal frac fluid.

- \* 3/4 Gal - FR-30 (Friction Reducer)
- \* 1.0 gal. Aqua Flow (Non-ionic Surfactant mix in full tank)
- \* 0.38# - Fracide 20 (Bacteriacide in full tank)

9. Shut well in for 4 hrs.
10. Open well through choke manifold and monitor flow. Flow @ 20 bbl/hr. or less, if sand is observed. **Take pitot gauges when possible.** TOH w/pkr.
11. TIH w/notched collar on 2-3/8" tbg and C.O. (w/air/mist) to BP @ 5200' w/air/mist. Monitor gas and water returns and **Take pitot gauges when possible.**
12. When wellbore is sufficiently clean, TOH and run after frac gamma-ray log and perf eff log from 5200'-4900'.
13. TIH and rabbit 2-3/8" 4.7# J-55 tbg w/standard seating nipple one joint off bottom and again cleanout to 5200'. When wellbore is sufficiently clean, land tbg @ 5050' KB. **Take final water and gas samples and rates.**
14. ND BOP and NU wellhead and tree. Rig down and release rig.

Recommended:  12/3/97  
Production Engineer

Approved:  12/17/97  
Drilling Superintendent

Approved:  12/6/97  
Team Leader

VENDORS:

Wireline:	Basin	327-5244
Fracturing:	Howco	325-3575
RA Tag:	Pro-Technics	326-7133

PMP

**Pertinent Data Sheet - NEWSOM A #20 MV MV**

J 4 26 8

**Location:** 1830' FSL & 1760' FEL, Unit J Section 4 T26N, R8W, San Juan County, New Mexico

**Field:** Blanco Mesaverde

**Elevation:** 6800' GL  
12' KB

**TD:** 7334'

**PBTD:** 7297'

**Completion Date:** 9/9/83

**Spud Date:** 8/4/83

**Lease#:** Fed: SF 078530

**Gal DP #:** 32478A

**MV DP#:** 32478B

**GWl:** 100%

**NRI:** 84.5%

**Prop#:**

**Initial Potential:**

Gal: 2496 MCF/D, 24 BOPD, SICP=649 PSI

**Casing Record:**

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Cement (Top)</u>
12-1/4"	8-5/8"	24# K-55	328'	295 cf	Circ 10 Bbls Cmt
7-7/8"	5-1/2"	15.5# K-55	7334'	1661 cf**	2894' @ 46% Eff.
		Stg Tool @	2894'	1083 cf	Circ 20 Bbls Cmt
		** Lead cmt 1535 cf "B" 65/35 POZ			

**Tubing Record:**

2-3/8"	4.7# J-55	6977'	221 Jts
	S.N. @	6914'	
	Mud Anchor & Perf Jt on bottom		

**Formation Tops:**

Ojo Alamo:	1790'		
Kirtland Shale:	2020'	Menefee	4350'
Fruitland:	2440	Point Lookout	5000'
Pictured Cliffs:	2730'	Gallup	6220'
Cliffhouse	4240	Dakota	7130'

**Logging Record:** Induction Log, Density-Neutron Log, CBL

**Stimulation:** Perfed Greenhorn @ 6911'-7022' w/17 shots & acidize w/756 gals & 1500 gal 15% HCL. Perf lower Gallup @ 6592'-6755' w/27 shots & frac w/29,500# sand in 70Q foam, screened off. Perfed middle Gallup @ 6381'-6528' w/21 shots & fraced w/80,000# sand in 70Q foam. Perfed upper Gallup @ 6222'-6332' w/20 shots & fraced w/80,000# sand in 70Q foam.

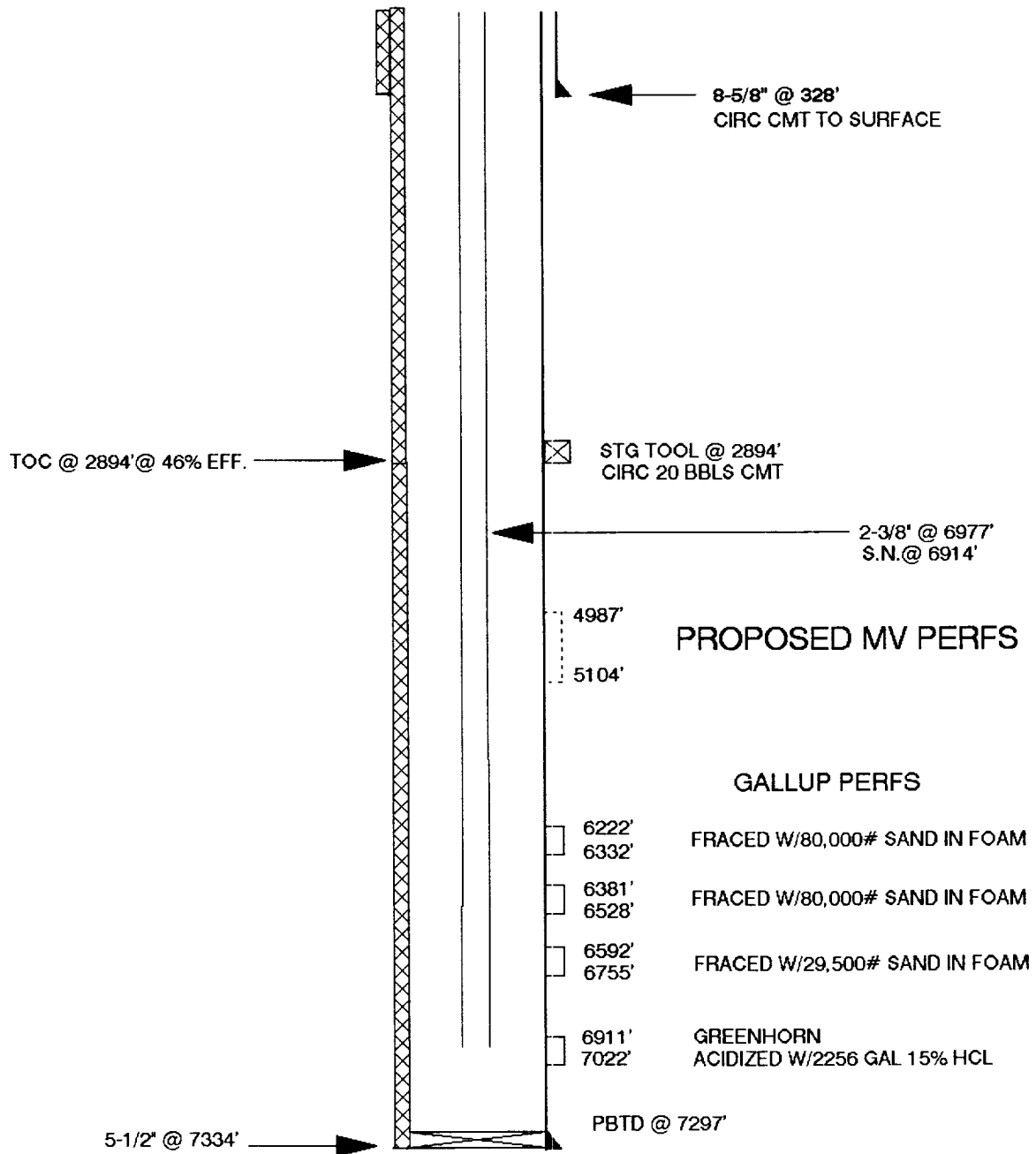
**Workover History:** None:

**Production History:** 1st delivered Gal 3/29/84. Gal cum = 117 MMCF & 2082 BO. See attached Gallup production curve. The Gallup is not currently capable of production and we have a BLM demand for action.

**Pipeline:** EPNG

# NEWSOM A #20 MV

UNIT J SECTION 4 T26N R8W  
SAN JUAN COUNTY, NEW MEXICO







# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington District Office  
1235 La Plata Highway  
Farmington, New Mexico 87401

IN REPLY REFER TO:

**Attachment to Notice of  
Intention to Workover**

**Re: Plug Back and Recomplete  
Well: 20 Newsom A**

### CONDITIONS OF APPROVAL

1. Place a cement plug from 7116' to 7016' inside the 5 1/2" casing. (12 sks.) (top of Dakota at 7066')
2. **Mike Flaniken** with the Farmington District Office is to be notified at least 24 hours before the workover operations commence (505) 599-8907.