

57 OCT 21 PM 4:13

1. Type of Well
GAS

070 FARMINGTON, NM

5. Lease Number
SF-078316 C

6. If Indian, All. or
Tribe Name

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' FNL, 1840' FWL, Sec. 24, T-30-N, R-9-W, NMPM

7. Unit Agreement Name

8. Well Name & Number

Riddle A #3A

9. API Well No.

30-045-22926

10. Field and Pool

Blanco Mesaverde

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 - Tubing repair

13. Describe Proposed or Completed Operations

It is intended to repair the tubing in the subject well according to the attached procedure.

RECEIVED
OCT 27 1997
OIL CON. DIV.
BML

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

Signed [Signature] (MEL6) Title Regulatory Administrator Date 10/21/97

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date OCT 24 1997

CONDITION OF APPROVAL, if any:

NMOC

Riddle A #3A
Mesaverde
1830' FNL 1840' FWL
Unit F, Section 24, T-30-N, R-09-W
Latitude / Longitude: 36° 47.93' / 107° 44.04'
DPNO: 49059A
Tubing Repair Procedure

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. Release donut, pick up additional joints of tubing and tag bottom. (Record depth.) TOOH with tubing. Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer.
4. PU casing scraper and bit. TIH and CO to PBTD. PU above perforations and flow the well naturally, making short trips for clean up when necessary. TOOH with bit and scraper.
5. TIH with 2-3/8" tubing with an expendable check on bottom and a seating nipple one joint off bottom. Rabbit all tubing. CO to PBTD.
6. Land tubing near bottom perforation. ND BOP and NU wellhead. Pump off expendable check. Obtain final pitot gauge up the tubing. If well will not flow on it's own, make swab run to seating nipple. If a swab run is not necessary, run a broach on slickline to ensure that the tubing is clear. RD and MOL. Return well to production.

Recommended: MEL Lutey
Operations Engineer

Approved: W.S. L 10/10
Drilling Superintendent

Mary Ellen Lutey
Office - (599-4052)
Home - (325-9387)
Pager - (324-2671)

MEL/mel

Burlington Resources Well Data Sheet

DPNO: 49059A	Well Name: RIDDLE A 3A	Meter #: 90648	API: 30-045-2292600	Formation: MY
Footage: 1830' FNL, 1840' FWL	Unit: F	Sect: 24	Town: 030N	Range: 009W
			County: San Juan	State: New Mexico
Dual: NO	Commingled: NO	Curr. Compressor: No	Prev. Compressor: Yes	Plunger Lift: No
		Install Date:	Last Chg Date: 03/97	BH Priority: 4
				BH Test Date: 4/11/96

CASING:

	<u>Surface</u>	<u>Intermediate</u>	<u>Longstring / Liner</u>	<u>Longstring / Liner</u>
Hole Size:	13 3/4"	8 3/4"	6 1/4"	
Casing:	9 5/8", 36#, K-55	7", 20#, K-55	4 1/2", 10.5#, K-55	
Casing Set (@):	224'	2775'	2619' - 5115'	
Cement:	235 sx w/ 39% CaCl ₂ + 1/4 pps gal flake (227 cu ft.)	145 sx 65/35 pps w/ 6% gal + 2% CaCl ₂ Tail w/ 100 sx w/ 2% CaCl ₂ (350 cu ft.)	311 sx 50/50 pps w/ 2% gal, 0.6% H ₂ O ₂ , H ₂ SO ₄ 6.25 pps gilsonite + 1/4 pps floccle lanceol SHOT 3 holes @ 1930', 5010' 4' 5040'. Squeezed	w/ 150 sx w/ 0.6% H ₂ O ₂ , H ₂ SO ₄ (422 cf)
TOC: SURE. By: CIRC.		TOC: 1200' By: T.S. 1190' CAL	TOC: L.T. By: CIRC.	TOC: By:

WELL HISTORY:

Orig. Owner: EPNG
GLE: 5732'
KB: 11'
TD: 5115'
PBD: 5100'

Spud Date: 12/14/78
First Del. Date: 08/10/79
MCFD: 2557
BOPD: 2150-660 3/29/79
BWPD:

Completion Treatment:	CHEMF: Spot 500 gal 15% HCl	FT 2170	GH
Breakdown: 17,250 gal H ₂ O & 1500 gal 15% HCl		PC 2430	GRRS
& 52 balls. Prod: 100,000 gal H ₂ O frac:		LW 2575	DK
100,000 gal H ₂ O & 105,000# 20/40 Ad. flush:		CK	
5750 gal H ₂ O.			
PL: Breakdown: 2000 gal 15% HCl, 50 balls & 14,160 gal H ₂ O. Prod: 81,000 gal H ₂ O			
frac: 81,000 gal H ₂ O & 81,000# 20/40 Ad. flush: 5800 gal H ₂ O			

CURRENT DATA:

Perfs: CHEMF: 4122, 66, 79, 4205, 13, 21, 37, 48, 59, 73,
79, 4346, 56, 76, 93, 4400, 18, 48, 51, 61, 68, 4505, 13, 35,
50, 90.
PL: 4665, 91, 4711, 18, 25, 32, 39, 48, 60, 70, 77, 84,
92, 4809, 28, 38, 59, 81, 4941, 62, 84, 93, 5023, 31, 73

Tubing: 2 3/8" 4.7#, J-55 set at 5049'
Packer: S.N. @ 5017'
Pump Size: _____
Rod String: _____

PULLING HISTORY / REMARKS:

4-91 Swabbed well

Last Rig Date:	5/1/96	Last Rig AFE Type:	18
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Last Workover: _____ **Last WO AFE Type:** _____

Remarks: 5/1/96 Drankhead repair
Tbg. stuck. TOOK w/ tbg. Ran CBL. Perf'd 2 holes @ 1120', squeezed w/ 90sxw/290GAL.
Pressure tested to 550 psi, OK. THT test B.P. Team. THT tested 120' of Fill. C.O. to P.B.T.D.
Well was making heavy Sand when tool landed. 51' rat hole, suspect Sand fill.
Evaluate setting tubing @ 9450 during proposed clean out

Workover Required: No Yes

Prod Ops Project Type: - Casing cleanout Area Team Project Type: - None
 Prod Ops Project Status: - Inventoried Area Team Project Status: - NA
 Date Submitted To Team: _____

Reviewed By: Mike Haddenham
Date Reviewed: 7/25/97
Date Printed: 7/24/97

* Production low, Remaining life - 217.7 yrs.

** Production has been low since brodenhead squeeze in '96. Have pumper get water sample if possible.