

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
OCT 21 1997

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

97 OCT 21 PM 4:13

070 FARMINGTON, NM

5. Lease Number  
SF-078319  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement 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

1045' FSL, 1470' FEL, Sec. 4, T-30-N, R-9-W, NMPM

8. Well Name & Number  
Riddle E #1R  
9. API Well No.  
30-045-29207  
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

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> 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.

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OIL CON. DIV.  
BLM

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

Signed *Melinda Trautman* (MEL5) 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:

MOCO

**Riddle E #1R**  
**Mesaverde**  
**1045' FSL 1470' FEL**  
**Unit O, Section 4, T-30-N, R-09-W**  
**Latitude / Longitude: 36° 50.14' / 107° 46.89'**  
**DPNO: 57814A**  
**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.) TOO H 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. TOO H 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: M. E. Lutey  
Operations Engineer

Approved: J. J. 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: 57814A Well Name: **RIDDLEE 1R** Meter #: 97903 API: 30-045-2920700 Formation: **MV**  
 Footage: 1045' ESL, 1470' FEL Unit: 0 Sect: 04 Town: 030N Range: 009W County: San Juan State: New Mexico  
 Dual: **NO** Conminigled: **NO** Curr. Compressor: No Prev. Compressor: No Plunger Lift: **Yes** BH Priority: 5  
 Install Date: Last Chg Date: BH Test Date: 4/10/96

## CASING:

	Surface	Intermediate	<del>Longstring / Liner</del>	Longstring / Liner
Hole Size:	12 1/4"	8 3/4"		6 1/4"
Casing:	9 5/8", 36#, K-55	7", 20#, K-55, STC		4 1/2", 10.5#, K-55, STC
Casing Set at:	237'	328' O.V. @ 2511'		3129' - 5560'
Cement:	160 SK Class "G" w/ 3% CaCl <sub>2</sub> - 1/4 #/SK floccle cont. down backside w/ 5% K	1" - 173 ex cl "G" w/ 2% CaCl <sub>2</sub> , 5 #/SK Kalite + 25 #/SK floccle 2nd - 350 ex cl "G" 65/75 pot w/ 2% CaCl <sub>2</sub> , 10% gel, 5 #/SK Kalite	1/4 #/SK floccle Tail in w/ 100 SK cl "G" w/ 2% CaCl <sub>2</sub> , 5 #/SK Kalite + 1/4 #/SK floccle	2175 SK cl "G" 65/35 pot w/ 2% CaCl <sub>2</sub> w/ 6% floccle Tail in w/ 2% CaCl <sub>2</sub>
TOC:	548' By: <u>Top</u>	TOC: By:	TOC: By:	TOC: 4, T, By: Circ.

## WELL HISTORY:

Orig. Owner: Meridian Oil Spud Date: 04/15/95  
 GLE: 6.21' First Del. Date: 07/27/95  
 KB: 6134' MCED: 1150  
 TD: 5560' BOPD:  
 PBD: 5548' BWPD:

Completion Treatment: Fract S#MF w/ 111, 300 gals. 30# gel w/ 135,000 # 20/40 sand + 21,000 # resin coated 20/40 sand, Fract PL w/ 123,152 gals. 30# gel w/ 134,000 # 20/40 sand + 21,000 # resin coated 20/40 sand.

## Formation Tops

SJ	CH	4429'
NA	MF	4775'
OA	PL	5110'
KT	GP	
FT	GH	
PC	GRRS	
LW	DK	
CK		

SICP - 173.05'g 6/10/95

## CURRENT DATA:

Perfs: CA/MF - 4518', 45', 56', 72', 84', 94', 4626', 36', 44', 52', 58', 64', 70', 80', 90', 4707', 16', 40', 47', 56', 4822', 38', 70', 4502', 28', 29', 30', 42', 52', 70', 84', 94', 5019', 36', 30', PL - 5114', 22', 38', 36', 40', 44', 52', 58', 60', 70', 82', 99', 5105', 10', 30', 26', 22', 46', 54', 58', 60', 75', 89', 92', 5700', 30', 38', 45', 75', 90', 5442', 77'

Tubing: 2 3/8", 4.7#, J-55 (set at) 5464'  
"F" nipple @ 5431'  
 Packer:  
 Pump Size:  
 Rod String:

## PULLING HISTORY / REMARKS:

Last Rig Date: 6/10/95	Last Rig AFE Type: 01	Last Workover: 6/10/95	Last WO AFE Type: 01
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Remarks:

Workover Required: No Yes  
 Prod Ops Project Type: Repair tubing Area Team Project Type: None  
 Prod Ops Project Status: Inventoried Area Team Project Status: N/A  
 Date Submitted To Team:

Reviewed By: Mike Haldeman  
 Date Reviewed: 6/16/97  
 Date Printed: 6/11/97

\* Production loss. Talk to pumpco about water production, plunger lift.  
 \*\* Possible liquid loading pressure build up survey would be helpful  
 \*\*\* Remaining life - 32.3 yrs.