

# Deviation Report

Name of Company	Address	
Burlington Resources Oil & Gas Company	P.O. Box 4289, Farmington, NM 87499	
Lease Name and Number	Unit Letter	Sec. Twn. Rge.
SAN JUAN 28-6 UNIT #31B	-2250 FSL -2595 FWL	28-028N-006W
Pool and Formation	County	State
Blanco Mesaverde	RIO ARRIBA	NEW MEXICO

<u>Depth (ft)</u>	<u>Deviation (degrees)</u>
210	1.00
745	0.25
1,195	0.75
1,507	1.00
1,934	0.75
2,344	0.75
2,815	1.25
3,281	1.00
3,600	1.00
4,156	1.25

Air Hammer Used YES/ NO

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for Burlington Resources Oil & Gas Company, am authorized by said Company to make this report; and that this report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

*Handwritten signature*

Subscribed and sworn to before me this 16th day of May, 2000.

*Handwritten signature of Notary Public*

Notary Public in and for San Juan County, New Mexico

My commission expires August 17, 2000.



Exploration & Production  
*Operations Plan*

**DATE:** 11/30/99

**WELLNAME:** ROSA UNIT #31

**FIELD:** Blanco MV

**LOCATION:** NENW Sec.17, T31N, R5W  
Rio Arriba Co., NM

**SURFACE:** BLM

**ELEVATION:** 6201' GR

**MINERALS:** Federal

**TOTAL DEPTH:** 5973'

**LEASE #** SF-078769

**I. GEOLOGY:** Surface formation - San Jose

**A. FORMATION TOPS:**

Ojo Alamo	2328'
Kirkland	2443'
Fruitland	2838'
Pictured Cliffs	3058'
Lewis	3348'

Cliff House	5273'
Menefee	5318'
Point Lookout	5523'
Mancos	5873'
Total Depth	5973'

**B. LOGGING PROGRAM:** 8-3/4" IND/GR/Temp log from TD to surface. CDL interval selected by onsite geologist. 6-1/4" IND/GR/Temp log from TD to Intermediate TD. CDL interval selected by onsite geologist.

**C. NATURAL GAUGES:** Gauge any noticeable increases in gas flow. Record all gauges in Tour book and on morning reports.

**II. DRILLING**

**A. MUD PROGRAM:** Clear water with benex to 7" casing point. LSND to log and run pipe.

**B. BOP TESTING:** While drill pipe is in use, the pipe rams will be tested not less than once each day. The blind rams will be tested once each trip. The drum brakes will inspected and tested each tour. All tests and inspections will be recorded in the tour book as to time and results.

**III. MATERIALS**

**A. CASING PROGRAM:**

<u>CASING TYPE</u>	<u>HOLE SIZE</u>	<u>DEPTH</u>	<u>CASING SIZE</u>	<u>WT. &amp; GRADE</u>
Surface	12-1/4"	250'	9-5/8"	36# K-55
Intermediate	8-3/4"	3533'	7"	20# K-55
Prod. Liner	6-1/4"	3433'-5973'	4-1/2"	10.5# K-55

**B. FLOAT EQUIPMENT:**

1. SURFACE CASING: 9-5/8" notched regular pattern guide shoe.