

# **BURLINGTON RESOURCES OIL AND GAS CO.**

**Merphan 16 State NO. 1 (lease # VO4509)**

Phantom Draw (WOLFCAMP) Field

T26S, R31E, Section 16

1,800' FNL and 810' FWL

Eddy County, New Mexico

New Well Completion

17-1/2" hole

13-3/8" 48# H-40 STC Casing set at 400'. TOC at surface (Circ).

Cemented w/365 sxs "C"

12-1/4" hole

9-5/8" 36# + 40# K-55 LTC Casing set at 3,994'. DV tool at 1974'.

TOC at surface (Circ). Cement 1<sup>st</sup> Stage w/875 sxs Class "C",

2<sup>nd</sup> stage w/825 sxs Class "C"

## Tubing Detail

2-7/8" 6.5# L-80 Hydril CS tubing set at 11,921'

Baker Model D Perm Packer at 11,921'

6' 2-3/8" tubing sub

1.875" Baker BX Nipple at 11,930'

6' 2-3/8" tubing sub

1.875" Baker BXN Nipple at 11,937' w/ 1.791" no-go

10' 2-3/8" tubing sub

15,000 psi Glass disk

Wireline Re-entry

End of assembly at 11,950'

Liner top at 11,935'

8-3/4" hole

7" 26# P-110 LTC Casing set at 12,214'. TOC at 7,475' (temperature survey)

Cemented w/750 sxs Class "H"

Perforations – 12,664' to 13,021' (32 –3/4" holes) (MD)

## LATERAL

	MD	TVD
KOP	+12,300'	12,294'
EOB	12,914'	12,643'
TD	13,309'	12,643'
AZ	138 degrees	

6-1/8" hole. Liner not cemented.

4-1/2" 15.1# P-110 HDL Liner set from 11,935' - 13,021'.