



RKB: 3,698'  
GL: 3,672'  
DF: 3,697'

13 3/8" at 1,300'  
54.5 & 61 lb/ft J-55  
TOC at Surface (cmt crc'd)  
17 1/2" Hole

9 5/8" at 5,855'  
40 lb/ft K-55  
TOC at Surface (cmt crc'd)  
11" Hole

TOC at 10,818' (by CCL and CBL)  
7 7/8" Hole

376 joints 2-3/8" P-110 tubing

Halliburton 'XL' on-off tool w/ Baker 1.81" 'F' profile  
Halliburton 10K PLS packer @ 12,281' (landed w/17,000# compression)  
8' X 2-3/8" P-110 pup jt.  
Baker 1.81" 'F' nipple @ 12,294'  
10' X 2-3/8" P-110 pup jt.  
Baker 1.81" 'F' nipple @ 12,305'  
W/L reentry guide @ 12,306'

**12,348' - 12,357' 4 SPF, 37 Holes**

Halliburton BWB 10K Pkr @ 12,838'  
6' X 2-3/8" P-110 pup jt.  
Baker 1.781" 'F' nipple @ 12,849'  
10' X 2-3/8" P-110 pup jt.  
Baker 1.781" 'R' nipple @ 12,859' (with plug in place)  
W/L reentry guide @ 12,860'

**Morrow Perfs**

**13,010' - 13,014' 4 SPF, 16 Holes**

**13,078' - 13,081' 4 SPF, 0.3" Holes**

**13,106' - 13,146' 4 SPF, 0.3" Holes**

StressFrac gun lost in hole (Dec 98) - Tag with WL 7/99 @ 13156'

Top of TCP gun at 13,194' (11/11/98 - Tag TD at 13,168' GL with 1.43" gauge ring)

5 1/2" at 13,449'  
17 & 20 lb/ft L-80, S-95 & N-80

PBTD: 13,355'  
TD: 13,452'

Lease & Well No.: State R No. 1

Well Category: Two  
Area: New Mexico  
Subarea: Caprock

Legal Description:  
1650' FWL, 1980' FNL, Sec 1, T-21-S, R-34-E  
Lea County, New Mexico

Spudded: 05/26/98  
Completed: 07/30/98

Producing Formation:  
Atoka Sandstone  
Morrow Sandstone

**Stimulations:**

Morrow:  
8/98 Initial completion natural  
12/98 Ran 12' Stressfrac guns  
8/00 Frac'd with 29,000 gals Alco-foam  
containing 40,700# bauxite.

Atoka:  
4/01 Initial completion natural  
5/01 Pumped 3000gals 60Q Howco  
Claysafe 5 system