

KB Elevation: 6,757'
GL Elevation: 6,745'

Well: **Brown Federal #2 DK**
API: 30-045-30875
Formation: Dakota
Location: 2,285' FSL & 855' FWL; 9L-T32N-R10W
County: San Juan, New Mexico

TD 12-1/4" Hole: 546' 6,211'SS

546' 9-5/8", 36#, J-55 Surface Casing
M&P 265 sx (56 bbls) + 2% CaCl2 + 1/4 pps Celloflake. Circulated to surface.

1,625' CBL TOC

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TD 8-3/4" Hole: 3,853' 2,904'SS

3,853' 93 jts, 7", 20#, J-55 Intermediate Casing with DVT at 3,190'
Stage 1 (23 bbls): 50 sx 65/35 "B" Poz + 2% CaCl2 + 8% gel + 5 pps Gilsonite @12.1 ppg, y = 2.11 Lead.
50 sx "B" + 2% CaCl2 + 5 pps Gilsonite + 1/4 pps Flocele @15.2 ppg, y = 1.28 Tail.
Stage 2 (134 bbls): 305 sx 65/35 "B" Poz + 2% CaCl2 + 8% gel + 5 pps Gilsonite @12.1 ppg, y = 2.11 Lead.
50 sx "B" + 2% CaCl2 + 5 pps Gilsonite + 1/4 pps Flocele @15.2 ppg, y = 1.28 Tail.
Lost circulation while cementing.

5,160' CBL TOC

Cliff House: 5,398' 1,359'SS
Menefee: 5,450' 1,307'SS

Point Lookout: 5,786' 971'SS

Mancos: 6,143' 614'SS

Gallup: 6,914' -157'SS

2-3/8" Tubing Detail as of 05/14/04			
Depth	Length	Count	Description
	12.00'		KB Elevation
12.00'	8,099.22'	251 jts	(4) 2-3/8", 4.7#, J-55, 8rd Tubing
8,111.22'	1.00'		(3) 2-3/8" Seat Nipple
8,112.22'	32.38'	1 jts	(2) 2-3/8", 4.7#, J-55, 8rd Tubing
8,144.60'	0.40'		(1) Pin Collar
8,145.00'	8,145.00'	252 jts	End of Tubing

Greenhorn: 7,826' -1,069'SS
Graneros: 7,890' -1,133'SS
Dakota: 7,998' -1,241'SS
PBTD: 8,153' -1,396'SS

TD 6-1/4" Hole: 8,167' -1,410'SS
TD 3-7/8" Hole: 8,185' -1,428'SS

8,163' 42 jts (1,672') 4-1/2", 11.6#, N-80 and 145 jts (6,464') 4-1/2", 10.5#, J-55 Production Casing **Note: Could not get casing below 8,163'.**
M&P 513 sx (120 bbls) 50/50 Poz + 2% gel + 8% Halad 9 + 5 pps Gilsonite + 1/4 pps Flocele at 13.5 ppg, y = 1.31
8,163' 8,185' 22' Dakota Open Hole Completion