

KB Elevation: 5,846'
GL Elevation: 5,834'

Operator **Turner Production Inc.**
Well: **Federal 28 # 1**
API: 30-045-25139
Formation: Dakota
Location: 830' FSL & 1040' FEL; 28P-T30N-R9W
County: San Juan, New Mexico

TD 12 3/4" Hole 238'

238' 7 Jts 9-5/8", 32.3#, H-40 Surface Casing
M&P 190 sks Class B Cement, 2 sks flocel, 2% CaCl2.
Circulate cement to surface.

Ojo Alamo: 1,348' 4,498'SS
Kirtland: 1,482' 4,364'SS

Fruitland: 2177' 3,669'SS

Pictured Cliffs: 2530' 3,316'SS

Lewic Shale: 2729' 3,117'SS
TD 8-3/4" Hole: 2,725' 3,121'SS

2,725' 61 Jts (2730.4') of 7", 20#, J-55 Intermediate Casing
M & P 300 sks Howco Light cement - 6 1/4#/sk flocel, 2% CaCl2.
Circulate cement to surface.

Cliff House: 4,158' 1,688'SS
Menefee: 4,370' 1,476'SS

Point Lookout: 4,744' 1,102'SS

Mancos: 4,891' 955'SS

5157' Stage Collar

2-3/8" Tubing Detail			
Depth	Length	Count	Description
	12.00'		KB Elevation
12.00'	6,898.00'	251 jts	(4) 2-3/8", 4.7#, J-55, 8rd Tubing
6,910.00'	1.00'	(3)	2-3/8" Seat Nipple
6,910.40'	0.40'	(1)	Pin Collar
6,910.80'	6,911.40'		End of Tubing

Greenhorn: 6,780' -934'SS
Graneros 6838
Dakota: 6,880' -1,034'SS
PBTD: 7,036' -1,190'SS
TD 6-1/4" Hole: 7,043' -1,197'SS

7,039' 181 Jts (7060.96') of 4-1/2" 11.6# & 10.5#, J-55
Stage # 1: M&P 125 sks Class B Cement, 10% gel, 6 lb/sk salt, 1/8 lb / sk Flocel, 0.6% Halad 9. Cement top stringers @ 6200', solid cement @ 6540'.
Stage # 2: M & P 150 sks Howco Light, 6 1/4 lb/sk gilsonite, followed with 50 sks Class B neat. Cement top 3166'.
Top Perf: 6882', Bottom Perf 7015'.