

Vertical datum ----- 7449' RKB Elevation ----- 7425' Pad Elevation

16" OD Conductor 84 -ft MD RKB
(in 26" hole, grouted to ground level)

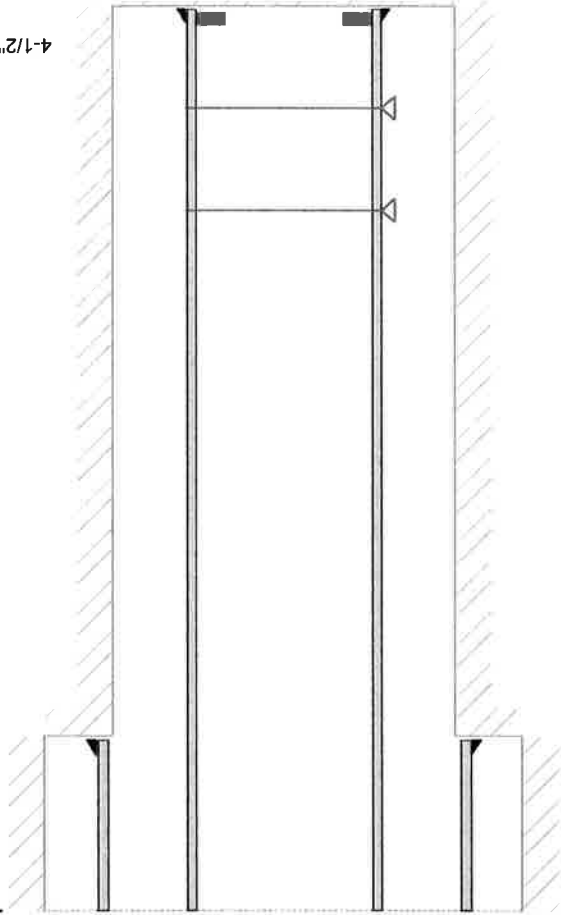
8-5/8" Shoe 1549 -ft MD RKB
11" Hole 1559 -ft MD RKB

Formation
Prognosis
2627 -ft MD RKB
Williams Fork 4505 -ft MD RKB
Top of Gas 5822 -ft MD RKB
Cameo 6822 -ft MD RKB
Base Cameo Coal 7482 -ft MD RKB
Rollins 7522 -ft MD RKB

Top of 20' Marker Joint 5785 -ft MD RKB

Top of 20' Marker Joint 6787 -ft MD RKB

4-1/2" Float Collar (PBD) 7691 -ft MD RKB
4-1/2" Float Shoe 7780 -ft MD RKB
7-7/8" Hole TD 7790 -ft MD RKB



Cementing details

8-5/8" 24# J55 STC Surface Csg	Lead	12.3
Density (ppg)	12.8	
Volume (sx)	191	
Yield (cf/sx)	2.45	
Top (ft RKB)	1024	
Bottom (ft RKB)	1024	
Returns (full or partial)	FULL	

4-1/2" 11.6# Nexteel-80 LTC Prod Csg	Lead	13.5
Density (ppg)	12.7	
Volume (sx)	793	
Yield (cf/sx)	1.97	
Est Top (ft RKB)	1024	
Est Bottom (ft RKB)	5622	
Returns (full or partial)	Full	

Displacement	8.3 ppg	120 bbls
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Other Remarks : Surface cement - 1 bbls of cement to surface
Cement - 20 bbls of spacer back to surface
Production