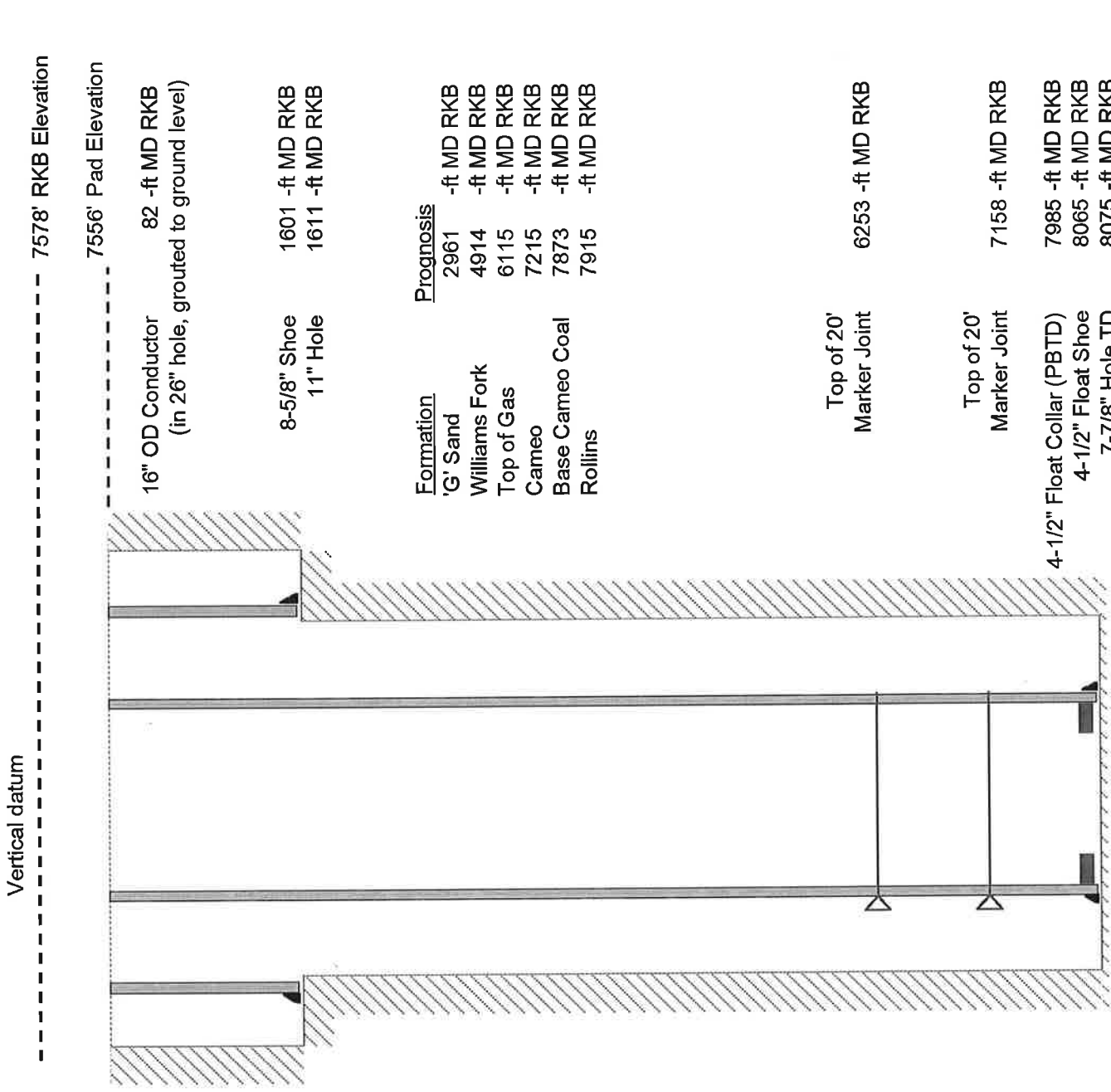


Piceance Energy, LLC  
Piceance 28-09M  
Slot A-10  
Patterson 306 (22-ft KB)

API # : 05-077-10238-00  
SW/4 NW/4 S28/T9S/R93W/6th PM  
Mesa County, CO  
Date of diagram : 7/14/2015



Cementing details

8-5/8" 24# J55 STC Surface Csg			
Density (ppg)	Lead	Tail	
Volume (sx)	12.3	12.8	
Yield (cf/sx)	192	120	
Top (ft RKB)	2.45	2.17	
Bottom (ft RKB)	Surface	1000	
Returns (full or partial)	1000	1601	
	Full	Full	
4-1/2" 11.6# 180 LTC Production Csg			
Density (ppg)	Lead	Tail	Displacement
Volume (sx)	12.8	13.3	8.3 ppg
Yield (cf/sx)	804	543	124.1 bbls
Est Top (ft RKB)	1.75	1.89	N/A
Est Bottom (ft RKB)	1022	5915	N/A
Returns (full or partial)	5915	8065	N/A
	Full	Full	Full

Other Remarks : Surface cement job = 20 bbls of cement to surface, Full Returns  
Production Cement job = 20 bbls of spacer to surface, Full Returns