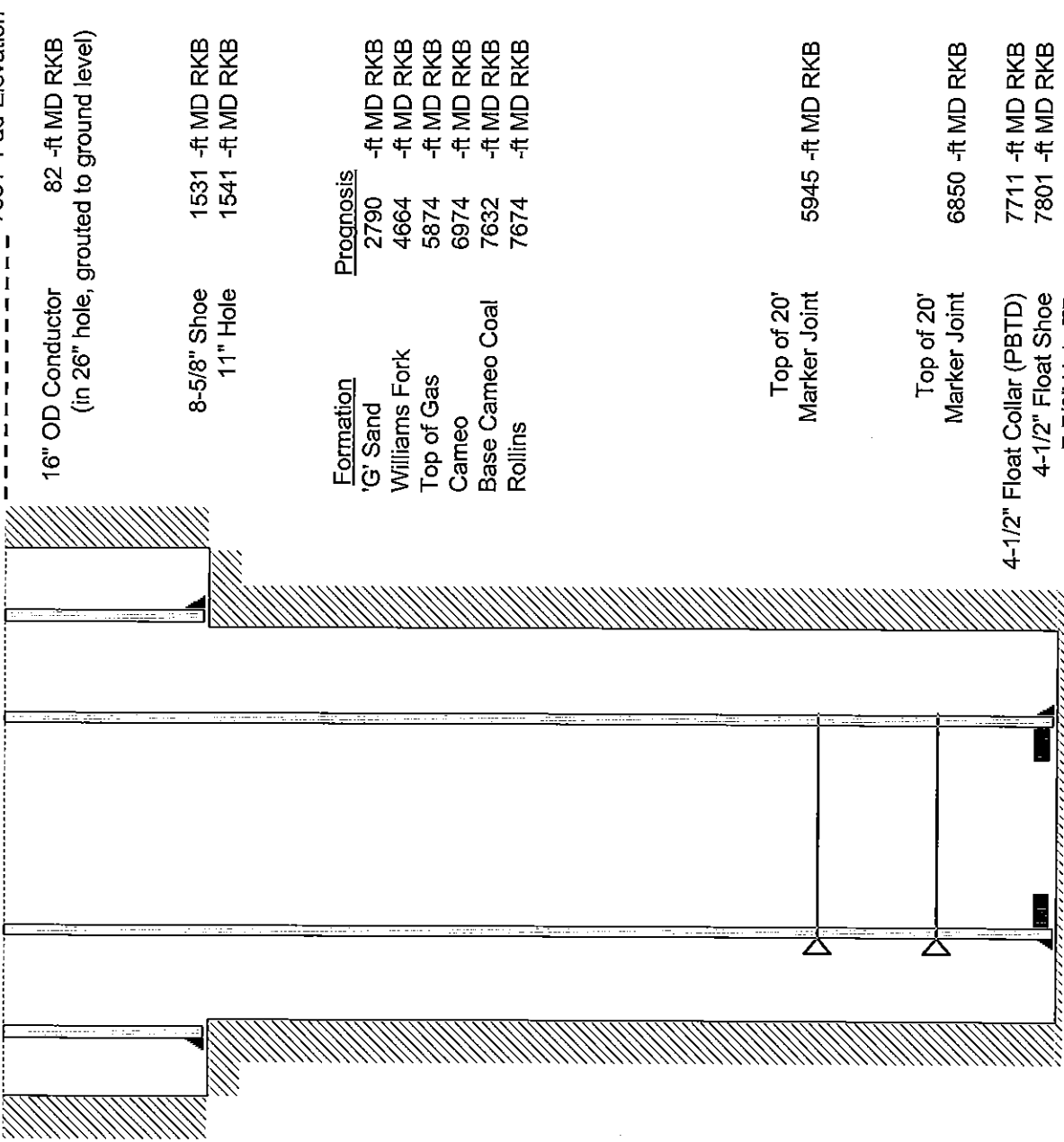


Piceance Energy, LLC
Gunderson 29-07E
Slot A-8
Patterson 306 (22-ft KB)

API #: 05-077-09759-00
SE/4 NE/4 S29/T9S/R93W/6th PM
Mesa County, CO
Date of diagram : 4/30/2015



Cementing details

8-5/8" 24# J55 STC Surface Csg			
Lead	Tail		
12.3	12.8		
Volume (sx)	114		
Yield (cf/sx)	2.17		
Top (ft RKB)	1000		
Bottom (ft RKB)	1531		
Returns (full or partial)	Full		
4-1/2" 11.6# 180 LTC Production Csg			
Lead	Tail		
12.8	13.3		
Volume (sx)	413		
Yield (cf/sx)	1.89		
Est Top (ft RKB)	5674		
Est Bottom (ft RKB)	7801		
Returns (full or partial)	Full		
Lost returns 30 left on displacement			