

Piceance Energy, LLC  
Piceance 28-08M  
Slot A-9  
Patterson 306 (22-ft KB)

API # : 05-077-10245-00  
SW/4 NW/4 S28/T9S/R93W/6th PM  
Mesa County, CO  
Date of diagram : 7/27/2015

Vertical datum

7578' RKB Elevation

7556' Pad Elevation

16" OD Conductor 82 -ft MD RKB  
(in 26" hole, grouted to ground level)

8-5/8" Shoe 1562 -ft MD RKB  
11" Hole 1572 -ft MD RKB

| Formation       | Prognosis       |
|-----------------|-----------------|
| 'G' Sand        | 2925 -ft MD RKB |
| Williams Fork   | 4854 -ft MD RKB |
| Top of Gas      | 6072 -ft MD RKB |
| Cameo           | 7172 -ft MD RKB |
| Base Cameo Coal | 7830 -ft MD RKB |
| Rollins         | 7872 -ft MD RKB |

Top of 20'  
Marker Joint 6299 -ft MD RKB

Top of 20'  
Marker Joint 7157 -ft MD RKB

4-1/2" Float Collar (PBTD) 7955 -ft MD RKB  
4-1/2" Float Shoe 8043 -ft MD RKB  
7-7/8" Hole TD 8052.73 -ft MD RKB

Cementing details

| 8-5/8" 24# J55 STC Surface Csg | Lead    | Tail |
|--------------------------------|---------|------|
| Density (ppg)                  | 12.3    | 12.8 |
| Volume (sx)                    | 190     | 120  |
| Yield (cf/sx)                  | 2.45    | 2.17 |
| Top (ft RKB)                   | Surface | 1000 |
| Bottom (ft RKB)                | 1000    | 1562 |
| Returns (full or partial)      | Full    | Full |

| 4-1/2" 11.6# 180 LTC Production Csg | Lead | Tail | Displacement |
|-------------------------------------|------|------|--------------|
| Density (ppg)                       | 12.8 | 13.3 | 8.3 ppg      |
| Volume (sx)                         | 935  | 413  | bbls         |
| Yield (cf/sx)                       | 1.75 | 1.89 | N/A          |
| Est Top (ft RKB)                    | 1022 | 5872 | N/A          |
| Est Bottom (ft RKB)                 | 5872 | 8043 | N/A          |
| Returns (full or partial)           | Full | Full | Full         |

Other Remarks : Surface = 30 bbls of cmt to surface full returns  
= 40 bbls spacer and 10 bbls cement to surface Production