

Piceance Energy, LLC
Piceance 28-01W
Slot A-3
Patterson 306 (22-ft KB)

API # : 05-077-10236-00
SW/4 NW/4 S28/T9S/R93W/6th PM
Mesa County, CO
Date of diagram : 9/18/2015

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 1584 -ft MD RKB
11" Hole 1594 -ft MD RKB

| Formation | Prognosis |
|-----------------|-----------------|
| 'G' Sand | 2942 -ft MD RKB |
| Williams Fork | 4873 -ft MD RKB |
| Top of Gas | 6097 -ft MD RKB |
| Cameo | 7197 -ft MD RKB |
| Base Cameo Coal | 7855 -ft MD RKB |
| Rollins | 7897 -ft MD RKB |

Top of 20'
Marker Joint 6347 -ft MD RKB

Top of 20'
Marker Joint 7197 -ft MD RKB

4-1/2" Float Collar (PBTD) 8052 -ft MD RKB
4-1/2" Float Shoe 8139 -ft MD RKB
7-7/8" Hole TD 8149 -ft MD RKB

Cementing details

| 8-5/8" 24# J55 STC Surface Csg | Lead | Tail |
|--------------------------------|---------|------|
| Density (ppg) | 12.3 | 12.8 |
| Volume (sx) | 192 | 120 |
| Yield (cf/sx) | 2.45 | 2.17 |
| Top (ft RKB) | Surface | 1000 |
| Bottom (ft RKB) | 1000 | 1584 |
| Returns (full or partial) | Full | Full |

| 4-1/2" 11.6# I80 LTC Production Csg | Lead | Tail | Displacement |
|-------------------------------------|------|------|--------------|
| Density (ppg) | 12.8 | 13.3 | 8.3 ppg |
| Volume (sx) | 939 | 413 | 124 bbls |
| Yield (cf/sx) | 1.75 | 1.89 | N/A |
| Est Top (ft RKB) | 1022 | 5897 | N/A |
| Est Bottom (ft RKB) | 5897 | 8139 | N/A |
| Returns (full or partial) | Full | Full | Full |

| | |
|---|--------------|
| Other Remarks : Surface = 25 bbls of cmt to surface full returns 25 bbls cement to surface | Production = |
|---|--------------|