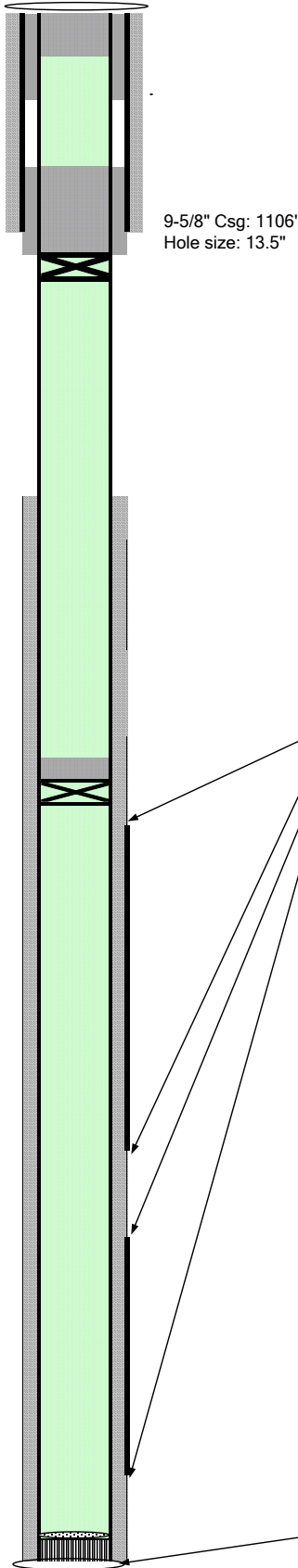


Pump 18 sks in 4-1/2" and in annulus

3 Perfs-1150' CIBP at 1200' Pump 35 sks

TOC - 2700'

CIBP at 5150' + 2 sks cement



Well Name **GM 513-36**
 Location **SESW 36 6S 96W**
 Field **Grand Valley**
 County **Garfield, CO**
 API **05-045-13982**
 ELEV **5,448'**
 Footages **1111 FSL, 1637 FWL**

Spud 05/23/2007

Conductor
 Casing **1106'** **9-5/8" 32.3# H-40**
 Cement 315 sx
 Casing **7003'** **4-1/2" 11.6# I-80**
 Cement 845 sx

Tubing **6596'**

Formation Tops

Mesaverde 3886'
 Cameo 6450'

TOC - Bond Log 2700'

01/03/2012 - Squeezed MV 4 (5208-5381') with 135 sks, 15.8 ppg, HAL

Completed Intervals

	<u>Depth</u>	<u># Holes</u>
<u>MV</u>	5208-6286	79
<u>Cameo</u>	6356-6877	42

P&A Calculations

4-1/2" OD csg in 7-7/8" hole, 0.0406 bbls/ft, 0.2278 ft³/ft
 4-1/2" OD csg in 9-5/8" 32.3# csg, 0.0588 bbls/ft, 0.3313 ft³/ft
 4-1/2" OD 11.6# csg capacity, 0.0155 bbls/ft, 0.0872 ft³/ft
 1.15 ft³/sks, cement yield

 12.9 sks, 2.6 bbls, 4-1/2" 11.6# csg in 7-7/8" hole, 50 ft, 30% excess
 14.4 sks, 2.9 bbls, 4-1/2" 11.6# csg in 9-5/8" 32.3# csg, 50-ft
 7.6 sks, 1.6 bbls, 4-1/2" 11.6# csg, 100-ft
 3.8 sks, 0.8 bbls, 4-1/2" 11.6# csg, 50-ft
 14.4 sks, 2.9 bbl, 4-1/2" 11.6# csg in 9-5/8" 32.3# csg, 50-ft

53.1 Total Sks Cement, 15.8#, 1.15 ft³/sks
10.8 Total Bbls Cement

TD **7003', 4-1/2" Csg, Hole Size, 7-7/8"**