



Exploration and Production  
Well P&A Procedure

Revision Date:  
11/28/2015

Wellname **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**

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Casing: 9-5/8" 32.3#, H-40 - 1,106-ft  
4-1/2" 11.6#, I-80 - 7,003-ft  
Current Top of Cement: 2,700-ft CBL (HAL 09July2007)

**Purpose: Plug to abandon well**

Zone: **All Perforations**

Existing Perforations:	Depth	Holes	
5208-5381*		21	*Squeezed 01/03/2012
5513-5717		22	
5766-5909		17	
5997-6286		19	
6356-6647		21	
6688-6877		21	
		121	total

**Proposed Procedure**

- 1 Notified COGCC 48 hrs prior to start of activity via electronic Form 42
- 2 Set CIBP + 2 sks cement at 5050' ft in 4-1/2" casing
- 3 Pressure test 4-1/2" above CIBP to 500 psi for 16 mins, no leak
- 4 Set CIBP at 1200' in 4-1/2" casing, perforate 4-1/2" casing with 3 holes phased 120°, at 1150'
- 5 Mix and pump 36 sks, 15.8 ppg, 1.14<sup>3</sup>/sks cement through perforations to cover 100 ft of 4-1/2" backside, leaving 100' cement in 4-1/2", with a 30% open hole cement excess
- 6 Cut off 9-5/8" and 4-1/2" casing to 4-ft below ground level
- 7 Mix and pump 25 sks, 15.8 ppg, 1.14 ft<sup>3</sup>/sks cement, in a 50 ft cement plug from surface in 9-5/8" - 4-1/2" annulus through 1" PVC, and 50 ft from surface into 4-1/2" through 1" PVC
- 8 Weld in place dryhole marker
- 9 Backfill cellar
- 10 Properly abandoned flowlines per Rule 1103. File electronic Form 42 after flowline abandonment is complete