



Exploration and Production

Well P&A Procedure

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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Revision Date:
10/6/2015

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 Notify COGCC 48 hrs prior to start of activity via electronic Form 42
- 2 Set CIBP + 2 sks cement at 5150' ft in 4-1/2" casing
- 3 Pressure test 4-1/2" casing, pump cement into leaking area, if necessary
- 4 Set CIBP at 1200' in 4-1/2" casing, perforate 4-1/2" casing with 3 holes phased 120°, at 1150'
- 5 Place a cement plug to cover 4-1/2" backside from perforations to 50' into 9-5/8", and 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 Apply a 50-ft cement plug from surface in 4-1/2" - 9-5/8" annulus
- 8 Place a 50-ft surface cement plug inside 4-1/2" casing
- 9 Weld in place dryhole marker
- 10 Backfill cellar
- 11 Properly abandon flowlines per Rule 1103. File electronic Form 42 after flowline abandonment is complete