



Exploration and Production
Well P&A Procedure

Revision Date:
5/28/2014

Wellname **GM 259-2**
Location **NESE 2-7S-96W**
Field **South Grand Valley**
County **Garfield, CO**
API **05-045-07442**
ELEV **5,229'**
Footages **1627 FSL 627 FEL**

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Casing: 9-5/8" 36# - 302-ft
4-1/2" 11.6# - 6,299-ft
Current Top of Cement: 3,290-ft CBL (RMWS 01/25/00)

Purpose: Plug to abandon well

Zone:	All Perforations	
Existing Perforations:	<u>Depth</u>	<u>Holes</u>
	3818 - 3963	18
	4072 - 4328	16
	4543 - 4905	18
	5192 - 5425	16
	5608 - 5863	16
	5953 - 6160	12
		96 total
Proposed Procedure		
<ol style="list-style-type: none"> 1 Notify COGCC 48 hrs prior to start of activity via electronic Form 42 2 Set CIBP + 2 sks cement at 3750' ft in 4-1/2" casing 3 Pressure test 4-1/2" casing, pump cement into leaking area, if necessary 4 On 07/07/2011, a 250 sks casing repair squeeze was performed to remediate bradenhead pressure. The casing repair was a success, with 0 psi on bradenhead, and a very good cement bond from 46-420 ft (see RMWS CBL 07/12/11). The cement in the surface casing as a result of this squeeze will make the half-in surface casing, half-out requirement difficult, if not impossible. We propose removing the half-in, half-out requirement, based on RMWS CBL dated 07/12/11. 5 Set CIBP at 400' in 4-1/2" casing. 6 Place a 100' cement plug on CIBP placed at 400' 7 Cut off 9-5/8" and 4-1/2" casing to 4-ft below ground level 8 Apply a 50-ft cement plug from surface in 4-1/2" - 9-5/8" annulus 9 Place a 50-ft surface cement plug inside 4-1/2" casing 10 Weld in place dryhole marker 11 Backfill cellar 12 Properly abandon flowlines per Rule 1103. File electronic Form 42 after flowline abandonment is complete 		