



## Exploration and Production

### Well P&A Procedure

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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Revision Date:  
5/28/2014

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
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	96 total

#### Proposed Procedure

- 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