



Exploration and Production
Well P&A Procedure

Revision Date:
9/21/2015

Wellname **GM 434-36**
 Location **SWSE 36 6S 96W**
 Field **Grand Valley**
 County **Garfield, CO**
 API **05-045-14137**
 ELEV **5,439'**
 Footages **838 FSL, 2415 FEL**

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Casing: 9-5/8" 32.3#, H-40 - 1,103-ft
 4-1/2" 11.6#, I-80 - 6,872-ft
 Current Top of Cement: 3,500-ft CBL (HAL 08Sept07)

Purpose: Plug to abandon well

Zone:	All Perforations	
Existing Perforations:	<u>Depth</u>	<u>Holes</u>
	5060-5325	22
	5566-5752	15
	5890-6040	19
	6146-6673	41
		97 total

Proposed Procedure

- 1 Notify COGCC 48 hrs prior to start of activity via electronic Form 42
- 2 Set CIBP + 2 sks cement at 5000' 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