



Exploration and Production

Well P&A Procedure

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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Revision Date:
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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: Depth Holes

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