



Exploration and Production
Well P&A Procedure

Revision Date:
8/4/2014

Wellname **PA 13-31**
Location **SESW 31 6S 95W**
Field **Parachute**
County **Garfield, CO**
API **05-045-07850**
ELEV **5,561'**
Footages **644 FSL 1242 FWL**

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Casing: 9-5/8" 32.3#, H-40, - 960-ft
4-1/2" 11.6#, I-80, - 7,048-ft
Current Top of Cement: 4,880-ft CBL (HAL 03/21/05)

Purpose: Plug to abandon well

Zone:	All Perforations	
Existing Perforations:	<u>Depth</u>	<u>Holes</u>
	5220 - 5372	16
	5456 - 5638	18
	5719 - 5892	18
	5996 - 6306	16
	6481 - 6847	18
		86 total
Proposed Procedure		
1 Notify COGCC, BLM 48 hrs prior to start of activity via electronic Form 42		
2 Set CIBP + 4 sks cement at 5150' ft in 4-1/2" casing		
3 Pressure test 4-1/2" casing, report findings and remediation plans to BLM, pump cement into leaking areas, leave 10.3 ppg fluid between plugs		
4 Set CIBP at 1060' in 4-1/2" casing, perforate 4-1/2" casing with 3 holes phased 120°, at 1010'		
5 Place a 37 sks cement plug to cover 4-1/2" backside from perforations to 50' into 9-5/8", and leaving 50' cement in 4-1/2", with a 30% open hole cement excess. Pressure test or tag cement, record findings		
6 Cut off 9-5/8" and 4-1/2" casing to 4-ft below ground level		
7 Apply a 50-ft, 17.2 sks surface cement plug from surface in 4-1/2" - 9-5/8" annulus		
8 Place a 50-ft, 4.5 sks surface cement plug inside 4-1/2" casing		
9 Submit wireline and cement field tickets to office		
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		