



Exploration and Production

Well P&A Procedure

Wellname: **GM 256-2**
 Location: **SE4 NW4 SEC 2 T7S-R96W**
 Field: **Grand Valley**
 County: **Garfield, CO**
 API: **05-045-07991**

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Tubulars: 9-5/8" 36# - 662'
 4-1/2" 11.6# - 6,259'
 2-3/8" 4.70# - 4,321'

0.0155 bbls/LnFt
 0.0039 bbls/LnFt

Current TOC: 3,790' Primary, Surface on squeeze

Purpose: Plug to abandon well

Zone: **All Perforations**

Existing Perforations:

Depth	
Shallow	Deep
CIBP	3,608'
3,845'	4,347'
BP	4,413'
4,464'	5,314'
5,378'	6,097'

Proposed Procedure

- 1 Notify COGCC Representative of start of activity
- 2 TIH w/2-3/8" TBG and tag cmt plug over CIBP set @ 3,608'
- 3 POOH to 2,900' and RU cementers
- 4 Plumb up CSG to tank and establish circulation
- 5 Pump water spacer ahead of **11.31** bbls (TBG capacity @ 2,900')
- 6 Pump **66.77** sx 15.8 ppg cmt down TBG and displace to set 900' plug inside CSG
- 7 POOH to 300'
- 8 Secure well for night and wait on cement
- 9 TIH and tag cmt plug, if tag is deeper than 2,100', repeat steps and pump extra job until coverage is at least to 2,100'
- 10 Shut well in and ensure no pressure builds on TBG, CSG, or BH
- 11 POOHSB TBG
- 12 RU WL and TIH to 1,400'
- 13 Shoot 1' @ 4 SPF 90 deg PHZ
- 14 POOH w/WL and RIH w/TBG to 1,400'
- 15 Pump water spacer ahead of **5.46** bbls (TBG capacity @ 1,400')
- 16 Pump **54.79** sx 15.8 ppg cmt down TBG and displace to balance 100' plug in and around 4-1/2" CSG
- 17 POOH to 300'
- 18 Secure well for night and wait on cement
- 19 TIH and tag cmt plug, if tag is deeper than 1,300', repeat steps and pump extra job until plug is at least 100' in length
- 20 POOH LD TBG
- 21 RU WL and TIH to 712' (50' deeper than surface CSG shoe)
- 22 Shoot 1' @ 4 SPF 90 deg PHZ
- 23 POOH and RD WL
- 24 Pump **254.72** sx 15.8 ppg cmt as needed filling CSG and surface annulus full of cement
- 25 Secure well
- 26 Cut WH and weld in place dryhole marker
- 27 Backfill cellar