



Exploration and Production

Water Isolation Procedure

Wellname: **GM 34-14**
Location: **SWSE 14 7S 96W**
Field: **Grand Valley**
API: **05-045-07440**

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Revision Date:
12/30/2014

Surface Casing: 9-5/8" 32.3# set @ 328-ft
Production Casing: 4-1/2" 11.6# set @ 5,645-ft
Tubing: 2-3/8" tbg @ 5,280-ft
MV Completions: 4,434 - 5,014- ft
Cameo Completions: 5,183 - 5,430-ft
TOC/Correlate Logs: 4300-ft / RMWS Cement Bond Log 09/18/00

Purpose: Isolate high water producing zone

Proposed Procedure:

- 1 MIRU service rig, POOH w/ 2-3/8" tbg
- 2 RIH with RBP, set at 4380' with 2 sks sand to isolate perforations, pressure test 4-1/2" csg to 1000 psi
- 3 If pressure test fails, squeeze failing area with cement
- 4 If pressure test passes, re-set RBP at 4680', POOH and PU packer, set at 4400' and swab test to identify high water producing interval
- 5 Squeeze high water producing interval with cement, WOC 24 hrs
- 6 RIH with tubing and bit, drill out cement and pressure test squeezed perforations to 1000 psi
- 7 Clean out wellbore, re-land tubing and return to production
- 8 Submit subsequent report