



# Exploration and Production

## Water Isolation Procedure

Wellname: **SG 332-27**  
Location: **SWNE 27 7S 96W**  
Field: **Grand Valley**  
API: **05-045-14130**

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Surface Casing: 9-5/8" 32.3# set @ 1132-ft  
Production Casing: 4-1/2" 11.6# set @ 5132-ft  
PBSD: 5109-ft  
Tubing: 2-3/8" tbg @ 4520-ft  
MV Completions: 3705 - 4945-ft  
TOC/Correlate Logs: 1200 ft / HAL Radial Analysis Bond Log 08/23/2007

Purpose: Isolate high water producing zone

### **Proposed Procedure:**

- 1 POOH w/ 2-3/8" tbg
- 2 RIH with plug/packer combo isolating perf intervals to swab test for excessive water production
- 3 Place sufficient cement to isolate water-producing perfs from wellbore
- 4 WOC, note cement tag, drill cement and pressure test to 1000 psi
- 5 RIH w/ tubing and return to production
- 6 Submit subsequent report

