



WPX Energy

Remediate Bradenhead Pressure

Wellname: **GM 702-4-HN1**
 Date: 10/30/2013
 Field: Grand Valley
 Loc: Sec. 4 T7S R4W (1401 FNL, 2354 FEL)

Prepared By: Kristin Trahan (for Ty Woodworth)
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Well Information:

API Number: 05-045-22051
 Top of Mesaverde: 3280 ft
 Surface Csg: 13 3/8" 68# HCN-80 @ 2472 ft
 Intermediate Csg: 7 5/8" 29# HCP-110 @ 10,727 ft
 Production Csg: Tapered String (5 1/2" 23# HCP-110 DQX and 4 1/2" 15.1# HCP-11- DQX) @ 15,032 ft MD w/ x-over @ 7,618 ft
 Correlate Log: RMWS CBL dated 9/30/2013
 7 5/8" TOC: 2510 ft (Baker CBL dated 8/10/2013)
 7 5/8" DV Tool: 4305 ft
 5.5"x4.5" TOC: None
 CIBP: 10K CIBP @ 10,476 ft MD
 CICR: 10,370' (plus 1/2 bbl cement)
 Tubing: None
Max Pressure: 10,000 psi

Objective: Squeeze to isolate pressure on 7 5/8".
 Ensure pressure on 7 5/8" is remediated

Proposed Procedure:

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| <ol style="list-style-type: none"> 1 Perforate with casing punch at 10,300' (3.2 grm x 10 shots)
Monitor surface pressure
Notify Ty Woodworth of results 2 Pump injection test at 1 and 2 bpm
Call Ty Woodworth if unable to get injection rate
Get ISIP, 5, 10 and 15 min shut in pressures 3 RIH and set cast iron cement retainer at 10,200' 4 PU tubing and RIH 5 RU HES cement crew
Sting into retainer
Place 8 bbls of 17.5 ppg (44 ft³) w/ 7 5/8" open (1.35 ft³/sk)
Shut 7 5/8" and place 2.5 bbls (15 ft³) 6 Sting out leaving 1/2 bbl on rtnr
POOH 7 Wait on cement 48 hours 8 RIH w/ CBL and log sqz | <p>17.5 ppg Yield: 1.35 ft³/sk
 4 1/2" 15.1# Capacity: 0.0798 ft³/ft
 4 1/2" x 7 7/8" Ann. Capacity: 0.1473 ft³/ft</p> |
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