

Well Name	Schafer 1
API number	05-123-12042
Artificial Lift System	NA
Objective 1	Casing Repair
Objective 2	MIT with RBP

Reason for this job	Failed MIT
Operational Notes	Casing patch leaking, narrowed down from last MIT. Min ID of patch 3.92"

Well Information

Surface Casing:	9-5/8" 36# @ 336"
Production Casing:	4-1/2" 11.6# J-55 & N-80 mix @ 7,216'
Tubing:	2-3/8" 4.7# J-55 @ 5,885' (No Packer)
Formation:	Codell
Perforated (Perforated) Interval:	7,088'-7,096'

Procedure:

- 1 MIRU.
- 2 Kill well with 8.3 ppg fresh water.
- 3 Verify well is static.
- 4 N/D WH. N/U BOPs. Test BOPs
- 5 RIH and retrieve RBP.
- 6 RIH w/ bridge plug and set below holes 5,960'
- 7 Perform injection test.
- 8 Spot balanced plug of 15 sx class G cement plug from 5,960' - 5,760'. Squeeze based on injection test.
- 9 WOC.
- 10 Pressure test plug to 500 psi.
- 11 TIH and drill out cement plug and bridge plug.
- 12 RIH w/ RBP and set at 7,030' (58' above perms)
- 13 Conduct MIT:
- 14 **ECMC:**
- 15 **For MIT Pressure up Prod csg to 500 psi for 15 min document starting and ending pressure, % decline.**
- 16 Note: Charting the well should show the pressure build and pressure release.
- 17 Test is successful if less than 10% pressure loss/gain, <3 psi pressure loss/gain in last 5 minutes of 15-minute test.
- 18 Verify a separate MIT job is in Wellview and only MIT information needs to be added there.
- 19 Ensure crystal gauge is used and Form 21 is filed
- 20 Retrieve RBP.
- 21 RIH w/ production tubing string.
- 22 RDMO.