

A.C. McLaughlin 27 is a producer with a casing leak at approximately 2000'. We have isolation packers at 1866' and 6171'. This well had a casing leak at 2270' that was squeezed 08/2000.

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**Days Procedure**

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- 1.5 MIRU workover rig and aux equipment. Kill well as required. Set BPV and N/D WH & N/U 7 1/16" 5K Class II modified BOPE. Test BOPE & circulating manifold.
  - 0.5 Release & retrieve 7" PS-1 X packer set @ 1866'
  - 0.5 POOH & L/D packer assembly. Visually inspect tubing for holes & corrosion.
  - 0.5 P/U & RIH w/ on/off skirt. Latch onto on/off profile @ 6160'.
  - 0.5 MIRU PLS. Retrieve 1.875" F plug @ 6161'. RDMO PLS.
  - 0.5 Kill well as required. Release 7" Loc-Set packer set @ 6171'.
  - 0.5 POOH & L/D packer assembly
  - 5.0 PU & RIH w/ a 6-1/8" bit, BHA & work string. Attempt to cleanout to TD at 6650'. POOH & L/D C/O BHA. Maintain open communication on progress of C/O.
  - 1.0 P/U & RIH w/ packer to test casing. Communicate findings w/ production & workover engineers to determine if it's okay to run the liner.
  - 0.5 P/U & RIH w/ composite bridge plug. Set @ ~6245' or ~5' above 7" casing shoe. POOH
  - 0.5 P/U & RIH w/ RBP for 2nd barrier to ~1800', secure well for BOP change. POOH
  - 0.5 N/D 7 1/16" BOPE & 11" 2K tubing head.
  - 0.5 N/U 11" 2K casing spool for 5 1/2" liner.
  - 0.5 N/U 11" BOPE and test. Prep to run 5 1/2" liner from PBTD AT 6245' to surface. String blocks on 6 lines.
  - 0.5 RIH. Retrieve RBP. POOH & L/D RBP.
  - MIRU casing running equipment. P/U & Run 5 1/2" liner:
    - a. 5 1/2" shoe, 1 joint 5 1/2" 17#/ft L-80 casing, float collar, & ~6200' of 5 1/2" 17 #/ft L-80 casing & land @ ~6240'.
    - b. Casing will need to have turned down collars
    - c. Fill casing regularly to prevent collapse
  - 1.0 MIRU cementers & cement liner to surface per proposal.
  - 0.5 N/D 11" BOPE. Vetco to set slips and cut casing.
  - 0.3 N/U 11" x 7 1/16" 2K tubing head
  - 0.3 N/U 7 1/16" BOPE and test.
  - 0.5 MIRU wireline & run CBL from float collar to surface. Identify TOC & note in wellview. R/D WL.
  - 0.5 P/U & RIH w/ BHA (4 3/4" bit, bit sub, 6- 3 1/2" DC's, XO & WS) for drill out
  - 1.5 Drill out shoe track through Composite Bridge Plug @ 6245' and then to PBTD in the open hole at 6650'. POOH. L/D BHA & WS.
  - 0.5 PU a packer with an on/off tool and RIH w/ new 2 7/8" TK-2 Production tbg. Set packer @ ~6180'. Release from on/off tool and circulate packer fluid. Space out tubing and land.
  - 0.5 N/D BOPE and N/U wellhead equipment.
  - RDMO workover rig
  - Hand well over to operations
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20.0