

**McCallister State No. 7**

660' FSL & 1780' FWL  
Sec. 25, T-17-S, R-34-E  
Vacuum Field  
Lea County, NM

**Date:** May 12, 1997

**Procedure:**

1. MIRU PU. Kill well w/ produced water. ND wellhead. NU BOP. POOH w/ 2-7/8" tubing. Test BOPE to 2000 psig.
2. MIRU wireline company. Install and test lubricator to 1000 psi. RIH w/ 5.65" gauge ring and junk basket to 12,050'. POOH.
3. RIH with 7", 32# CIBP. Set at  $\pm 12,050'$  (plug back Devonian). Dump bail 35' of cement on top of CIBP. RIH with 7", 29# CIBP. Set at  $\pm 10,225'$  (plug back Strawn). POOH.
4. RIH w/ 4" HSC guns using 317-T charges at 2 JSPF. Perforate as follows: 9908'-14', 9931'-38', 9946'-51', 9958'-60', 9966'-68', 9974'-88', 9993'-95', 10000'-017', 10052'-055', 10066'-071', 10079'-092', 10102'-109', 10134'-139', 10147'-158'. RDMO wireline company.
5. PU & RIH with treating packer and RBP with ball catcher on 3-1/2", 9.3# workstring. Hydrotest tubing to 8,000 psig. Set RBP at  $\pm 8300'$ . Pickle tubing with 750 gal 15% HCl acid containing 1 gal/1000 Inhibitor (HAI-85) and 2 gal/1000 Penetrating agent (PEN-88). Reverse acid out of the hole. Retrieve the plug and continue RIH while testing the tubing.
6. Attempt to set the packer just above the CIBP without setting the RBP. Pressure test the CIBP to 1000 psig to ensure integrity. Release packer. Set RBP at  $\pm 10,200'$ . Pull up and set packer at  $\pm 10,025'$ .
7. MIRU stimulation company. Acidize per stimulation company recommendation. Acid job to consist of 20,000 gals 15% Ferchek SC pumped at 30 BPM. Acid will be pumped in two stages. Utilize 1.3 SG ball sealers for diverter. Anticipated WHTP is 5000 psi. Max. STP is 8000 psi.
8. Once pumping is completed, set the RBP below all perms. Pull up and set the packer at 9750'. Swab back load. POOH laying down tubing, packer, and RBP.
9. PU & RIH w/ SN & TAC on 2-7/8" production tbg. Set SN @  $\pm 10,170'$ . Set TAC @  $\pm 8350'$ . ND BOP. NU wellhead.
10. PU & RIH w/ pump and rods. Space rods as necessary. Load and test pump action.
11. RDMO PU. Return well to test.