

- 09/24/96: Pick up and trip in hole with 5½ collar with 7 5/8 X 18" guide, cut-right on bottom of collar, 3 joints 5½ 17# K-55 (94.46) and 19 joints 5½" 17# N-80. Work and screw onto 5½ casing at 900'. Work and torque up (3500#) pull 40,000 into, held okay. Set slips with 25,000 pulled in to. Cut off 5½ casing and nipple up casing head. Trip in hole with 5½ tension packer, unloader valve, S.N. and 138 joints 2 3/8 tubing. Set packer at 4306 with 15 points tension. Load and pressure backside to 200#, held okay. Break circulation down tubing and out 9 5/8. Mix and pump 100 sxs PP with 2% CaCl2, 5/10% Halid-9. Shut in 9 5/8 with two barrels to go. Shut down with 300# over differential. Rig down Halliburton. Left shut in with 1000# on tubing. Shut down.
- 09/26/96: TP 60#, 5½ - 80#, 9 5/8 - 90#. Bleed off. Release packer and trip out of hole with tubing. Trip in hole with 4 3/4 bit, bit sub, 6 - 3½ D C, x-over and 142 joints 2 3/8 tubing to 4620' and tag cement. Shut down.
- 09/27/96: Rig up reverse unit. Drill cement from 4620 to 4744 and fell free. Circulate clean at 4783. Trip out of hole with tubing. Lay down collars. Rig down reverse unit. Trip in hole with 2 3/8 X 5½ tension packer, unloader valve, S.N. and 148 joints 2 3/8 tubing. Shut down.
- 09/28/96: Pick up 4 joints tubing. Circulate hole clean with 2% KCL water. Spot 2 barrels 15% NeFe acid at 4745'. Lay down four joints. Set packer at 4715' with 15 points tension. Pressure up to 2800 nine times and broke formation. Open unloader valve and spot acid to packer. Shut unloader valve. Acidize with 500 gallons 15% NeFe and 1000 gallons 7½% NeFe with 30 ball sealers. Average rate 3 BPM, average pressure 2355, maximum pressure 3000# (ball out) ISIP 1800, 15 minute 1514#. Load to recover 63 barrels. Rig down Halliburton. Blew down. Rig up to swab. Made six runs and swabbed dry. Recovered 32 barrels. Made one run per hour (5 runs) and recovered 14 barrels (44 barrels total). Show of gas. 800' of entry one hour. Shut in and shut down.
- 09/30/96: TP 10, blew down. Rig up to swab. Tag fluid at 900' from surface. Made three swab runs and swabbed dry. Recovered 16 barrels acid water. Shut down one hour and make run times two. Recovered nine barrels in two runs (69 barrels total since acid job). 1200' of entry/hour. Rig down swab. Trip in hole with five rods. Trip out of hole and lay down rods. Trip in hole with no-go and 181 rods. Rig down pulling unit.