

- 5/21/85 Finished in hole with tubing and packer. Tagged cast iron bridge plug at 5830'. Picked up to 5610'. Spotted 150 gallons 15% NEFe Acid. Pulled 310' of tubing. Reversed 2 barrels, set packer at 5300'. Placed 1500psi on annulus. Broke formation with 2850psi. Acidized with 2000 gallons 15% NEFe. Dropped 30 ball sealers. Pumped acid at 3.4 barrels per minute, and 2300psi. Had good ball action and balled out with 990 gallons in formation. Surged balls off perfs, displaced remainder of acid. ISDP 2050psi, 5 minute SIP 1950psi. Job 1 - Total load to recover - 124, 2 hour SIP - 1600psi.
- Mixed gelling agent with 10,000 gallons 20% NEFe. Pumped 110 gallons scale inhibitor. Mixed with 390 gallons 2% KCl water followed by 500 gallons 2% KCl water. Pumped 10,000 gallons 20% gelled acid at 3600psi and 15 barrels per minute. Pressure at end of treatment 4100psi and 15 barrels per minute. ISDP - 2050psi, 15 minute SIP 1800psi, 30 minute SIP - 1750psi. Job 2 - Total load to recover - 366 barrels. Total load to recover for Jobs 1 & 2 = 490 barrels. Left well closed in for 2 1/2 hours. Opened well at 2:00 PM. Well flowed 138 barrels of load in 4 hours.
- 5/22/85 12 hour Shutin tubing pressure - 100psi. Flowed 2 1/2 barrels. Swabbed 101.5 barrels in 8 hours. Oil cut at end of day - 5%. Swabbing from seating nipple at estimated rate of 5 barrels per hour.
- 5/23/85 Swabbed 85 barrels in 10 1/2 hours. Recovering a trace of oil and some gas. Total load to recover - 331 barrels out of 490 barrels.
- 5/24/85 Total fluid - 68.50 barrels. Total Recovered - 403.35.
- 5/28/85 Fluid level 1500' from top. Swabbed back 37.70 barrels in 2 hours. Swabbed down to 300' off bottom. No oil, black sulfur water. Swabbed a total of 88 barrels in 9 hours, oil cut 2% - 4%. Total recovery from this zone - 492 barrels.
- 5/29/85 Beginning fluid level - 1800' from surface. No show of oil. Swabbed well to seating nipple with oil beginning to show when well was swabbed down. Swabbed 37 barrels in 4 hours. Total load and excess recovered - 529 barrels. Total oil recovered with load - 10.5 barrels. Rigged up Cardinal Wire Line. Ran static temperature survey, tracer survey, and injection profile temperature survey. All surveys indicated no upward movement of fluid. Tracer indicated channel from 5609' to 5616'. Injection profile indicated possible minor channel involvement to 5625'. Pulled out of hole with tubing.