

- 4-7-77 - Drilling 3520'. Nippled up, tested to 1000# OK after squeeze, reduced hole to 7-7/8", drilled plug and tested to 600#. OK. Resumed drilling. Squeezing 8-5/8" casing as follows:
- 4-1-77 - 1st Squeeze: Squeeze to shut off hole in 8-5/8" casing at 1771'. Class C
 Ran drill pipe to 1771', spotted 75 sacks of cement 4% cacl. Pulled 5 stands of drill pipe. Close pipe rams and started squeezing at 11:15 AM 4-1-77. Pumped 1 bbl. Pressure 200 psi. Shut down - well taking fluid.
2nd Squeeze: Drill pipe at 1780', close pipe rams established pump rate of 4 bpm. Shut down, open pipe rams and pumped 50 sacks of cement-Class C 4% CaCl. Pulled 490' of drill pipe and closed rams. Started to squeeze at 1:13 PM 4-1-77. Pumped 2 bbls. Pressure to 500 psi. Shut down - well taking fluid. WOC
3rd Squeeze: Mixed 10 bbls of gel with LCM. DP at 1771'. On spot at 2:57 PM. Closed pipe rams. Pressure went to 1500#. Shut down after displacing. Pressure 500#. Well standing full.
4th Squeeze: - Drill pipe at 1771'. Spotted 100 sacks of Class C 4% CaCl. Pulled 500' of Drill Pipe. Closed pipe rams. Started to squeeze, pumped 3½ bbls of water. Pressure went to 1000 psi. Shut down, bled back to 500 psi. Shut down, leaving 2 bbls of cement inside casing. WOC 10 hours. POOH w/DP, went back in hole w/drilling string to drill cement. Drilled 50' of cement. Pressure tested after drilling cement. Would not hold - rig dn for repairs on pipe rams. COH. WIH open ended to 1771' - closed pipe rams and pressure tested to 1000 psi, bled back to 500 psi in 5". Shut down for 2 hours - rig repair
- 4-2-77 - 5th Squeeze: At 3:30 PM mixed 25 sacks of 2% CaCl, spotted at 1771'. Pulled 95' of drill pipe and closed pipe rams started to squeeze and pressure went to 1750 psi after pumping 2½ bbls. Shut down pressure to 1500 psi in 7", pressure back to 1750 psi. Shut down and held pressure 2 hours, released pressure at 5:30 PM. COH. WOC. WIH with bit and tagged cement at 1639'. Drilled cement to 1771' and pressure tested to 1500 psi. Bled back to zero in 7".
- 4-3-77 - 6th Squeeze: - At 6:10 PM spotted 25 sacks of Class C 2% CaCl to 1771'. Pulled 95' of drill pipe and closed pipe rams. Started squeezing, pumped 2 bbls and pressure went to 2000 psi. Squeeze held, released pressure at 7:15 PM. COH. WOC 6 hours.
- 4-4-77 - Started to drilling cement at 1600' at 1:00 AM. Finished at 2:30 AM. Pressure tested to 1500 psi and bled back to zero in 7".
7th Squeeze: RIH open ended to 1771' and spotted 25 sacks of Class C 2% CaCl. Pulled 95' of drill pipe, closed pipe rams. Pumped in 3½ bbls and pressure went to 2000psi and held for 1 hour, bled pressure at 9:53 PM. COH and WOC 6 hours. Tagged top of cement with bit at 1600'. Drilled out cement to 1771'. Pressure tested to 1500 psi. Pressure would not hold.
- 4-5-77 - 8th Squeeze: COH. WIH open ended to 1771' and spotted 50 sacks of Class C 2% CaCl at 2:30 AM 4-5-77. Pulled 190' of drill pipe, closed pipe rams pressure held at 2000 psi for 2 hours. Released pressure and COH. WOC 9 hours. WIH w/bit and tagged cement at 1589', drilled out to 1771' at 2:30 PM 4-5-77. Closed pipe rams and pressure tested to 1000 psi for 15". Pressure held. Bled pressure off. COH and picked up bit to go back in hole to drill.
- 4-8-77 - Drilling 4060' lime. Drilling w/water, ph 9.5. Dev. 3492' 1½ 3992' 1½ deg.