

Attempted to plug back to shut off water as follows:

1. Pulled 2-3/8" tubing and packer.
2. Ran steel line measurement, found 8' cavings. Cleaned out with sand pump.
3. Ran Gamma Ray-Neutron survey.
4. Plugged back with 18 gallons calseal to 3844'. Ran tubing open ended to 3844'. Pumped 5 sacks cement down tubing. Pulled tubing.
5. Ran steel line measurement to 3709'. Ran tubing and 4-3/4" bit and cleaned out from 3737-3824'. Pulled tubing and bit. Dumped 32 gallons Hydromite. Ran steel line measurement and found top of "ydromite at 3789'. Ran 120 joints 2-3/8" tubing with 5-1/2" Hookwall Packer at 3659' and Hydraulic holddown at 3657'. Ran rods and pump.
6. Pulled rods and pump. Treated formation from 3705-3789' with 500 gallons 15% acid. Injection rate 3 bbls per minute. Swabbed dry.
7. Ran rods and pump. Tested well.
8. Pulled rods, pump and tubing. Ran steel line measurement to 3789'. Dumped 24 gallons Hydromite. Ran steel line measurement to 3746'. Dumped 7 gallons ydromite, filled up to 3770'. Ran 120 joints 2-3/8" tubing with 5-1/2" packer at 3657'. Ran rods and pump. Tested well.
9. Well closed in for further study of remedial work.