Repaired 5-1/2" casing leak and fracture treated as follows:

1. Pulled tubing and packer. Set 5-1/2" bridge plug at 3615'; dumped 1 sack cement on plug. Ran 2-3/8" tubing and HRC tool, tested casing and found holes at 125' and 2570'. Pulled tubing and HRC tool.
2. Set 5-1/2" cement retainer at 2542', cemented with 50 sacks cement. Ran 2-3/8" tubing with HRCtool at 690' and tested below tool with 500#, OK, tested above tool and located leak at 117'. Pulled tubing and tool. Cemented with 25 sacks cement and circulated out 7-5/8" - 5-1/2" annulus. WOC
3. Ran 2-3/8" tubing with 4-3/4" bit, found cement at 95', drilled cement to 130', tested with 500#, OK. Drilled cement and retainer to 2542', tested casing with 500#, OK. Drilled bridge plug and circulated to 3857'. Pulled tubing and bit.
4. Ran 2-7/8" tubing and packer at 3768'. Swabbed dry. Treated open hole formation from 3768-3857' with 6000 gallons gelled lease oil with 1# sand per gallon. Spotted 600# crushed mothballs in 600 gallons lease oil. Treated formation with 6000 gallons gelled lease oil with 1# sand per gallon. Pulled tubing and packer.
5. Ran 124 joints 2-3/8" tubing at 3817'. Swabbed and well kicked off.