

It is proposed to repair leak in 5-1/2" casing as follows:

1. Pull 2-3/8" tubing.
2. Set Magnesium bridge plug on electric line in base of oil string. Dump one sack cement on plug.
3. Pressure test casing at various depths.
4. Run cement retainer on 2-3/8" tubing and set above leak. If good injection is not obtained, perforate 2, 1/2" jet holes below casing leak and test for good injection rate and then run cement retainer and set over casing leak. Provided leak in interval 65-70' is only leak determined, perforate casing with 2, 1/2" jet holes at 2330'; gain circulation to surface, set retainer over perforations.
5. Cement through retainer with sufficient volume, attempt to circulate cement out bradenhead; if cement circulates, close bradenhead and perform bradenhead squeeze.
6. Drill out retainer and cement pressure test casing while drilling. Clean out to bridge plug and pressure test casing.
7. Run 2-3/8" tubing and return well to production.