

In order to increase production it is proposed to drill plug, squeeze cement, perforate 5-1/2" casing and fracture treat as follows:

1. Pull tubing.
2. Run tubing and bit, drill out cement and bridge plug, clean out to 4100'. Pull tubing and bit.
3. Run 2-3/8" tubing with cement retainer at 4060'. Squeeze cement perforations in 5-1/2" casing from 4068-4100', disengage from retainer, raise tubing to 4055', reverse out excess cement; pull tubing.
4. Perforate 5-1/2" casing from 4024-4050' with 4, 1/2" jet holes per foot. Run 2-7/8" tubing with bridge plug and full bore packer. Spot 250 gallons mud acid over perforations in 5-1/2" casing from 4024-4050'.
5. Treat formation thru perforations in 5-1/2" casing from 4025-4050' with 5000 gallons 24 gravity oil with 1# sand per gallon. Inject 200# crushed mothballs in lease oil to seal off fractured zone.
6. Treat formation thru perforations in 5-1/2" casing from 4024-4050' with 5000 gallons 24 gravity oil with 1# sand per gallon. Set bridge plug in interval from 3985-4024'. Wash perforations from 3922-3985' with 250 gallons mud acid, squeeze in perforations. Swab.
7. Pump 500# crushed mothballs in lease oil to seal off zone taking fluid. Treat formation thru perforations in 5-1/2" casing from 3922-3985' with 5000 gallons 24 gravity oil with 1# sand per gallon. Inject 300# crushed mothballs in lease oil to seal off zone taking fluid. Treat formation thru perforations in 5-1/2" casing from 3922-3985' with 5000 gallons 24 gravity oil with 1# sand per gallon.
8. Pull tubing, packer and bridge plug. Run 2-3/8" tubing with hookwall packer set at 3922' and return well to production.