

rate of 2 BPM. Pull tbg x pkr. Run cement retainer x tbg set at 4280'. Squeeze hole in casing at 4330' w/200 sx Class H cement. Reverse out 16 sx cement. Pull tubing and squeeze tool. Run bit with six 4-3/4" DC x tbg. Drill out 55' cement retainer at 4280'. Test csg to 900# for 30 min. OK. Pull 132 jts 2-7/8" tbg, six 4-3/4" DC and 6" bit. Run retrieving head x tubing. Circ. seat nipple off bridge plug at 9653'. Pull bridge plug x tbg. R seat nipple tbg anchor with 291 jts of 2-7/8" tbg. Landed tbg 8986'. Install pump equipment. Pmp test well.

OC Service Unit 3-7-78 x prep to change pump. Pull tbg x rods. Run 2-7/8" tbg to 5986'. Encountered heavy BS. Pull tbg and run tbg w/bailer and tag up x 15000# at 9794' (37' above perfs). Pull tbg x bailer x recovered 6300' BS. Run tbg x set at 8040'. Spot 100 gal 7½" Dolowash Acid. Spot 100 gal 7½" Dolowash at 8240'. Spot 200 gal 7½" Dolowash 8440'. Spot 200 gal 7½" Dolowash at 8740'. Spot 200 gal 7½" Dolowash at 9815'. Found bridge at 9816'. Run swab. Fluid level 1000' from surface. Lowered tbg to 9816'. Unable to go below 9816'. Pull and tally tbg. PBD 9830'. Run tbg, rods, and pump. Return well to production.

OC 2-18-78

Comp 3-20-78