

acid across perfs 5800-10. Set pkr at 5793'. Pressured to 2600#. Pressure equalized on tbg. and annulus. Moved pkr to 5773' and acidized w/1000 gals. 15% SHA. Recovered 41½ Bbls load water and acid. Bled off pressure and swb 3½ hrs. recovering 38 BLW. Swb tbg. dry. Making small amount of gas - TSTM. SI. Tbg. pressure 50#. Bled off pressure and ran swb recovering 2 BLW. Acidized using 5000 gals Series 70 Type 20 Retarded 20% acid followed by 3% N.E. Had 216 BLWA to recover. Flowed and swb 5 hrs. recovering 90 BLW. Flowed overnite on 3/4" choke on 50# tbg. making small amount of gas and load water. Fluid level 2700' from surface. Swb dry in 4 hrs. Good show of gas. Total load recovered 200 bbls. -16 BLWA to recover. Ran swb in hole, lacked 50' getting to seating nipple. Waited 30 min. and lacked 60' getting to seating nipple. Waited 30 min. and lacked 1000' getting to seating nipple. Waited 60 min. and lacked 1000'. Reversed out pkr. Recovered drlg. mud, cmt and formation cuttings and frac sand. Reset pkr at 5752' and swb tbg. dry. Had small show of gas. Ran swb down and lacked 20' getting to seating nipple. SI. Released pkr and ran 3-7/8" bit in hole and ran bit back to 5757'. Couldn't go deeper. Csg shows to be collapsed. SI. Ran Bowen Casing Roller to 5642'. Had 115' fillup. Couldn't wash out w/roller. Pulled out and ran 3-7/8" bit in and washed out to 5757'. Pulled out and started in w/roller. Ran 3-3/4" Bowen Csg. Roller to 5717'. Couldn't go any deeper. Circulated out cuttings. Pulled out and ran 3-1/8" O.D. Sledge with string reamer to 5760'. Pulled out and SI. Had 200# pressure on csg. Bled off pressure in 30 min. Ran in open ended w/tbg. Circulated 5½ hrs. recovering formation cuttings. Attempted to run tbg. through collapsed csg. Couldn't go. Pulled out. Changed drilling line and SI. SI 48 hrs. due to snow. 50# on tbg. Bled off pressure. Ran 3½" O.D. Tapered Mill. Displaced hole w/10# brine. Washed out 35' fill. Milled on csg. from 5757 to 5764. Circulated hole clean. Pulled out 2 stands and SI. No pressure on tbg. or csg. Broke circulation. Rotated 1 hr. at 5764'. Pulled out. Ran 3-3/4" tapered mill and string mill. Milled from 5757-5768. Pulled out of hole. Put on 3-7/8" bit. Wouldn't go below 5757. Pulled out 2 stands and SI. Ran 3½" bit to 5760'. Couldn't get through. Pulled out of hole. Bit showed wear on inner teeth indicating it was setting down on metal, TIH w/3-3/4" impression block which stopped at 5745', TOH, block showed it was setting down on fillup. Had had compl. returns at all time; opened 8 5/8" x 4½" annulus which had very sli blow of air which died immediately. Indications are that pipe may be parted w/top jt. swinging allowing formation and cmt to continually fall in. SD overnite. DTD 6340', PDTD 6260'. Layed down 2 3/8" tubing, took off blow out preventers, installed well head; shut well in; released completion unit; temporary abandoned 2-26-71.

