

17. Describe Proposed or Completed Operations - Continued:

and pull bit. Perforate from 868' to 869' with 4 JSPF. Run cement retainer and set at 806'. Cement squeeze with 350 SX of Class C. Run temperature survey and top of cement at 600'. Establish injection rate in 7" casing from the surface and pump 153 SX of Class C cement and displace to 225'. Perforate 7" casing from 133' to 134' with 4 SPF. Pump 180 SX of Class C cement and circulate 20 SX OF cement to Surface. Displace cement to 80'. Run bit and tag cement at 90'. Drill out cement to 133' and stringers to 213' and tag cement. Test casing to 750 PSI for 15 minutes and test OK. Drill out cement from 213' to 511' and pressure test casing to 750 PSI for 15 minutes and test OK. Drill out cement from 511' to 515' and stopped making progress with bit. Recovering metal cuttings and red bed formation. Run new bit and reamer and unable to make hole. Run mill and tag fill at 510'. Clean out fill to 513' and formation sluffing so bad unable to clean out. Pull bit and tubing. Establish injection rate from the surface. Pump 1000 sacks of Class C cement. Dig out cellar and cut off casing. Weld flat plate with valve on 7" casing. Cover casing and fill cellar. Well is permanently abandoned. RD and MOSU 1-18-88.