CHAPTER XVI.

REMARKS ON THE USE AND TREATMENT OF BELTS AND WIRE ROPES.

Belting.—Large quantity in use in the oil fields—Class of belting mostly in use—Difficulties under which belts work on the oil fields.

Size and Quality of Belting.—Thickness of belting—Width of belting needed for driving bailing drums—Life of belting—“Reddaway” belting—Power transmitted by same.

Precautions to be taken to secure Good Driving.—Pulleys with rounded faces—Fly-wheels attached to engines—Fastening or jointing of belts.

Wire Ropes.—Peculiar character of work demanded from wire ropes for bailing—Ambiguity of the terms “right-hand” and “left-hand” as applied to wire ropes—Objections to flexible type of rope—Manner in which wire ropes are destroyed—Methods of reducing wear of ropes in special cases—Lengths, sizes, and makes of wire ropes.

Fishing for Lost Wire Ropes.—Kind of instruments employed for recovering lost wire ropes—Manner of using same.