17. Describe Proposed or Completed Operations

> and pressure tested down annulus at 2600 psi. Lost 400 psi in 15 Mins. Indicated that squeeze held but tubing was leaking.

Attempted to circulate sand off top of permanent packer but tubing 11/10/70 plugged with hard chunks of cement. Pulled tubing and went in with bit. Drilled and cleaned out to top of permanent packer.

11/11/70 Pulled tubing and ran lead impression block.

- Determined that blanking plug in permanent packer had been drilled. Ran magnet and cleaned up hole. 11/12/70
- Cleaning up hole.
- 11/13/70 Ran a new Otis  $5\frac{1}{2}$ " permanent W.B. Packer at 10,089'. Ran tubing and set into packer.

Swabbed Lower Morrow zone in through tubing. 11/14/70 Flowing 4,750 MCFD, 3/4" choke, 325 psi tubing pressure. Well was completed from the Lower Morrow Zone through perforations at 10,200-212', 10,216-228', 10,233-244'. Upper Morrow perforations at 10,016-026', 10,034-060' were squeezed and were not reperforated. Upper Morrow perforations at 9902-9912' are still open, but the annulus is loaded with water.

The Upper Morrow zone will not be completed for production at this time.

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