

5. Downhole Tools and Equipment

a. Casing Protectors: 100 each with installation tool.

b. Control Valves:

- (1). One (1) inside Gray BOP, with 4-1/2" I.F. connections.
- (2). One (1) Safety valve with 4-1/2" I.F. connections
- (3). Two (2) lower kelly valves, 5000 psi W.P.
- (4). Two (2) upper kelly valves, 5000 psi W.P.

6. Fishing Tools.

a. Overshots

- (1). One (1) 11 1/4" O.D. series 150 Type FS Bowen Overshot, with grapples to catch 9 1/2" D.C. and 7-3/4" D.C.
- (2). One (1) 8-1/8" O.D. Series 150 Type FS Bowen overshot, with grapples to catch 6 1/2" D.C. and 5" D.P.

b. Junk Subs

- (1). One (1) Bowen 12-7/8" O.D. for 17 1/2" hole with 7-5/8" API Reg Connection
- (2). One (1) Bowen 9-5/8" O.D. for 12 1/4" hole with 6-5/8" API Reg Connections.
- (3). One (1) Bowen 6-5/8" OD for 8 1/2" hole with 4 1/2" I.F. Connection.

c. Junk Basket

- (1). One (1) Bowen 11" OD Reverse Circ. Type with 6-5/8" API Reg. Box Connection.
- (2). One (1) Bowen 7-7/8" O.D. Reverse Circ. Type with 4 1/2" IF Box Connector.

d. Taper Taps for contractor drill string.