

30-025-43553

Boone 16 State Com 3H**Casing and Cement**

<u>String</u>	<u>Hole Size</u>	<u>Csg OD</u>	<u>PPF</u>	<u>Depth</u>	<u>Sx Cement</u>	<u>TOC</u>
Surface	26"	20"	133#	1,875'	2000	0'
Intermediate	17-1/2"	13-3/8"	68#	5,700'	3000	0'
Intermediate	12-1/4"	9-5/8"	47#	11,200'	1800	3500'
Production	8-1/2"	5-1/2"	23#	22,314'	2600	10,700'

Well Plan

Drill 26" hole to ~1875' w/ fresh water spud mud. Run 20" 133# J55 casing to TD and cement to surface in one stage.

Drill 17-1/2" hole to ~5,700' with brine water. Run 13-3/8" 68# L80 casing to TD and cement to surface in two stages.

Drill 12-1/4" hole to ~11,200' with cut brine water. Run 9-5/8" 47# L80 casing to TD and cement to surface in one stage.

Drill 8-1/2" vertical hole, curve & lateral to 22,317' with OBM. Run 5-1/2" 23# P110 LTC casing to TD and cement to 10,700' in one stage.

Well Control

After setting 13-3/8" casing and installing 3000 psi casing head, NU 13-5/8" Cameron BOP. Test annular and casing to 1500 psi and other BOP equipment to 3000 psi.

After setting 9-5/8" casing and installing 5000 psi casing spool, NU 13-5/8" Cameron BOP. Test annular to 3000 psi and other BOP equipment to 5000 psi.