

Gettysburg State Com 15H

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 | 13-1/2" | 10-3/4" | 45.5# | 1425' | 900 | 0' |
| Intermediate | 9-7/8" | 7-5/8" | 29.7# | 10,800' | 1300 | 0' |
| Production | 6-3/4" | 5-1/2" | 23# | 0'-10,250' | | |
| Production | 6-3/4" | 5" | 18# | 10,250'-18,933' | 1600 | 10,250' |

Well Plan

Drill 13-1/2" hole to ~1425' w/ fresh water spud mud. Run 10-3/4" 45.5# HCN80 BTC casing to TD and cement to surface in one stage.

Drill 9-7/8" hole to ~10,800' with brine diesel emulsion WBM. Run 7-5/8" 29.7# HCP110 BTC casing to TD and cement to surface in one stage.

Drill 6-3/4" vertical hole, curve & lateral to 18,933' with OBM. Run 5-1/2" 23# P110 BTC casing from 0' – 10,250' and 5" 18# HCP110 BTC from 10,250' to TD and cement to 10,250' in one stage.

Well Control

| <u>Type</u> | <u>Working Pressure</u> | <u>Test Pressure</u> | <u>Manufacture</u> |
|-------------|-------------------------|----------------------|--------------------|
| Double Ram | 5000 psi | 5000 psi | Cameron |

HOBBS OCD
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