

DRILLING PROCEDURE  
GENERAL COMMENTS  
TIPPIN RANCH UNIT NO. 1

0-50'

Set approximately 50' of 20" conductor with a rat-hole machine.  
Cellar should be 6X6X4.

50-400'

Drill a 17 1/2" hole to approximately 400' and set 13 3/8" surface casing. Circulate cement to the surface. Set top flange on 13 3/8" casing head 36" below ground level. Install BOP stack before drilling out 13 3/8" shoe.

400-2,500'

Drill a 12 1/4" hole to approximately 2,500' and set 8 5/8" casing. Cement should be circulated on this intermediate casing. Install 5000 psi BOP stack before drilling out 8 5/8" shoe.

2,500-10,300'

Drill a 7 7/8" hole to 10,300'+ and set 5 1/2" production casing. Install a PVT, flo-sensor, and pump-stroke counter at 7,400'+ when mudding up before drilling into the Wolfcamp.