1) Move in rig and rig up
2) Mix gel/water spud mud
3) Commence drilling 12 1/4" hole
4) Drill 12 1/4" hole to 350'. Wipe and condition hole
5) Rig up and run 8 5/8", 32# casing
6) Cement casing with 250 sx (100% excess) class "G" cement mixed with 2% CaCl
8) WOC
9) Cut off casing 4 feet below grade. Weld on 10" 3M wellhead
10) Nipple up BOPE (double gate, annular preventer w/ remote choke manifold) and test with state representative witnessing
11) Treat mud and drill out cement, float, and shoe
12) Drilling 7 7/8" hole to T.D. (approximately 2000') Wipe hole every 500' or 8-12 hours or as needed
13) Circulate, condition and wipe hole for logs
14) Run wire line logs ((dual induction, sonic, dipmeter, and neutron density (if necessary))
15a) If well not potential producer, see #27
15b) Rig up and run 4 1/2", 10.5#, K-55 casing to total depth.
16) Cement casing as follows:
   400 sx class "G" mixed with 3% KCl, 1% friction reducer, .1% densifier, 1% CaCl
   Displace with fresh water
17) Land casing and WOC
18) Cut off casing, nipple up and test production tree to 2000 psi.
19) Rig up and cement bond log
20) If bond 400 sx class "G" mixed with 3% KCl, 1% friction reducer, .1%
21) If bond densifier, 1% CaCl. Displace with fresh water
22) Swab fluid level to 500' above potential gas zone
23) Rig up and perforate with 1 9/16 SS11 through tubing gun
24) Open well to atmosphere and flow until clean
25) Rig up testing equipment and perform 3 hour flow test
26) Rig down drilling rig, move out, and reclaim portion of location that will not be used for production purposes.
27) If gas not found in commercial quantities, prepare for abandonment
28) RIH with drill pipe to approximately 50' below surface casing shoe and set class "G" cement plug at least 50' into the surface casing.
29) WOC
30) RIH and tag plug. If not found at correct depth, set additional plug. If cement plug found proceed.
31) Cut of casing 4' (or deeper, if landowner requests) and weld plate on 8 5/8" stub.
32) Rig down drilling rig, move out, and reclaim per landowners request.