

Permian Resources, Inc.  
Chambers No. 2  
Drill & Complete to Northeast Shoe Bar (Strawn)  
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4. Drill 7-7/8" hole utilizing FW circulating outside reserve pit adding MF-55 for solids. Mud logger on at 5,000'. At  $\pm 10,000'$  turn into steel pits and bring MW up to  $\pm 8.9$  #/gal by adding BW. At  $\pm 10,200'$  lower fluid loss to  $<12$  cc by adding starch. Drill to TD @  $\pm 11,500'$  adding BW to increase mud weight if required. Surveys every 500', Max deviation 5 deg., Max change 1-1/2% per 100'. DST's possible in Wolfcamp section  $\pm 10,400'$  and Strawn section  $\pm 11,340'$ . Drill 7-7/8" hole to  $\pm 30$  below last Strawn drilling break. Circ. and condition hole for logs. POOH w/ DP, Collars & BHA. Run open hole log suite consisting of GR / CNL / FDL and DIL / MSL from TD to intermediate casing. GR to surface. Evaluate Strawn formation for election to run 5-1/2" casing and complete.
5. If elect to complete, RIH w/ bit, BHA, collars and DP and circulate for casing. POOH w/ DP, collars & BHA laying down all. Run  $\pm 11,400'$  of 5-1/2", 20 & 17 #/ft, N-80 & J-55, LT&C casing w/ float equipment. Land casing and cement with  $\pm 600$  sx "H" lead cement w/ appropriate friction reducers and retarders + 400 sx "H" tail cement w/ appropriate additives. Cement volume based upon open hole logs with sufficient volume to bring cement up inside intermediate casing. WOC 8 hrs. Cut off and weld on 5-1/2"x 2-7/8" series 600 flanged tubing head. NU BOP and test casing to 1000#. NU choke manifold, choke lines, gas buster and flare line. Test BOP, choke manifold and associated lines. Install rotating head. Jet steel pits and mix Xanthan Gum mud system. PU 4-5/8" bit, BHA, collars and RIH on 2-7/8" AOH drill pipe to top of plug. POOH w/ DP, collars, BHA and bit. RU wireline company and set 5-1/2" CIBP @  $\pm 11,200'$
6. RU directional drilling equipment and MWD equipment. Set 5-1/2", 20#/ft retrievable whip stock per directional drilling contractor specs on top of CIBP @ 11,200'.
7. PU mill, motor, BHA and RIH on DP. Cut window in 5-1/2" casing. POOH and PU 4-5/8" Bit and RIH on motor, BHA and DP. Kick off out window, build angle and begin drilling to encounter Strawn porosity @  $\pm 11,360'$  TVD. Upon encountering Strawn porosity continue drilling in porosity to BHL at 1,980' FSL & 2,310' FEL, Section 7, T16S, R36E. Control well and record orientation, depth, angle, and coordinates per directional drilling contractor and NMOCD requirements. Anticipate 8.9 to 9.2 PPG drilling fluid with additives to control fluid loss and viscosity.
8. Upon reaching BHL target estimate TVD @ 11,370', MVD @ 13,357', total displacement  $\pm 1,987'$ . If required, run 4" FJ Liner from  $\pm 11,180'$  through build angle and shale to Strawn porosity. Cement liner and D/O if required by hole conditions. RU wireline company and set 5-1/2" RBP. Lay down DP & BHA. RD rotary drilling rig.
9. RU well service unit. NU BOP and PU 2-7/8" N-80 tbg and RIH w/ retrieving tool and retrieve RBP. PU pkr. and RIH on tbg. Set pkr. and acid stimulate as required. Test well. Complete as flowing completion or install BPU if required. RD well service unit. Restore location.