

NAHAMA & WEAGANT ENERGY COMPANY
DOGAMI - APPLICATION TO DRILL
DRILLING PROGRAM 1992

1. Drill pad is constructed and gravelled as required per site plan. Reserve pit is dug according to DOGAMI requirements. Conductor casing is set and rat hole is drilled.
2. Drilling rig is moved in and rigged up.
3. Drilling operations commence. A 12-1/4" hole is drilled to approximately 400' and surface casing is run and cemented to surface.
4. Weld on wellhead, rig up blow out preventer test per DOGAMI requirements.
5. Drill 7-7/8" hole to total depth. Evaluate hole with wire line logs.
6. If logs indicate a potential producing well, run 4-1/2" casing to 100' below the bottom of the potential zone. Cement casing to 500' above the top of the zone. If well is not a potential producer, abandon well as described in #10.
7. Rig down and move out drilling rig. Move in completion rig, rig up wireline company and perforate zone of interest. Run 2-3/8" O.D. tubing in well. Install production valve assembly.
8. Perform 3 hour flow test.
9. Rig down completion rig, move out, and leave well shut in for pipeline connection. Reclaim any portion of drill site that will not be used for production purposes.
10. If gas is not found in commercial quantities, prepare for abandonment. Set 100' cement plug (at least 50' above and 50' below) across producing strata and strata having pressure greater than hydrostatic pressure.
11. Run in hole with pipe to approximately 50' below the surface casing shoe and set cement plug at least 50' into the surface casing.
12. Set 10' surface cement plug. Cut off casing 4' below grade and weld plate on remaining pipe.
13. Reclaim location as required by DOGAMI and surface landowner.