

## PLUG NICKEL OIL CO.

Plugging procedures  
Pan Am Hayes #15  
API #05-103-07084

Surface casing set at 51', TD 2900

1. Contact ECMC 48 hours prior to commencement of P&A.
2. Haul in shale and rock mix material.
3. Move in rig. Hot oil rods. Lay down rods and tubing. Rig unit down and remove rods and tubing.
4. Rig up funnel equipment.
5. Use backhoe. Hand shovel shale cuttings on location from drilling process into the hole along with shale and rock mix, from TD 2900' to 150' from surface. Check fill with stringline tag.
6. Rig up cement equipment. Flush with 1 BBL of water.
7. Flush with 1 BBL of water. Spot Class C cement from 150' to surface. Estimated cement volume 100 sacks. Flush out all equipment. Shut down for the night.
8. If cement is visible but deeper than 4' from surface, mix cement and top off casing to surface.
9. Let well set for 5 days as per ECMC rule to ensure no gas venting or settling.
10. Dig up around surface. Cut off surface pipe 4' below surface. Weld on plate with weephole and beaded with well information.
11. Back fill dry hole plate to surface.