



Cost Estimate for lowering 8" Hachar Gas Pipeline for SH 84 Expansion using Domestic made pipe

Modify 8" pipeline to facilitate pigging	\$19,600
Fabricate and Install pig launcher and receiver	\$59,538
Labor to pig 8" Hachar Pipeline	\$4,500
Hydrovac line section to be lowered ~ 500' of 8" pipeline	\$5,500
Dig out and remove ~ 500 pipeline section of 8" pipeline to be lowered	\$6,750
Weld out and install 500' of 12" casing (Domestic pipe)	\$47,106
Weld out and install 500' of 8" X-52 pipeline (Domestic pipe)	\$27,840
Tie replacement 8" pipeline to existing line	\$10,800
Lost Gas Revenue from pipeline blow down and 7 day shut in (Line pack 234 Mcf plus lost production of 1200 Mcf/d for 7 days)	\$25,902
Surveying/Engineering/Company Labor/Supervision	\$45,000
Total	\$252,536