

11. Retrieve RBP and reset RBP @  $\pm 2740'$ . Set packer above RBP and test RBP to 1000 psi. Set packer @  $\pm 2290'$ .
12. Acid Engineering to acidize Loco Hills 2340'-2360', Metex 2381'-2510', Premier 2526'-2642', and Lovington 2655'-2687' with 2100 gals Pentol 200 (15% HCl) diverting with 600 lbs rock salt in 600 gals 9 ppg brine.
13. Shut-in two hours. If frac job immediately follows acid job, swabbing may be skipped.
14. Acid Engineering to fracture treat Loco Hills 2340'-2360', Metex 2381'-2510', Premier 2526'-2642', and Lovington 2655'-2687' with 48,000 gals gelled (30# X-Linker/1000 gals) 2% KCl water carrying 159,500 lbs 16/30 Vulcan Texsan sand and 24,000 lbs 12/20 Vulcan Texsan sand.
  - a. Acid Engineering to test surface lines to 7000 psi. Install pressure relief valve on treating line and set it to relieve at 6500 psi. Load annulus, if possible, and monitor casing pressure throughout.
15. Check TD with SLM. As necessary, clean out sand. Retrieve RBP and reset RBP @  $\pm 2290'$ . Set packer above RBP and test RBP to 1000 psi. Set packer @  $\pm 2150'$ .
16. Acid Engineering to acidize Penrose 2202'-2237' with 1200 gals 15% HCl containing fines suspension agents and clay stabilizer, diverting with 6 (1.3 sg) RCN ball sealers.
17. Swab back
18. If the decision is made to frac the Penrose 2202'-2237' with 10,000 gals polyemulsion (2/3 lease crude and 1/3 30# gelled 2% KCl water with non-ionic emulsifier) and 32,000 lbs 20/40 Vulcan Texsan sand.
19. Check TD with SLM. As necessary, clean out sand. COOH with packer and RBP laying down workstring.
20. PU & GIH with existing 2-3/8", 4.7#/ft, J-55 production string. Set mud anchor @  $\pm 3507'$  and SN @  $\pm 3476'$ . Return to production.
21. GIH with pump and rod string as follows (bottom to top):
  - a. 1-1/2" pump (existing)
  - b. 3425' (137 rods) 3/4" Grade "C" Sucker Rods
  - c. Space well as required. Ensure adequate pump clearance from bottom.
  - d. Return to production.

