

South Eunice Unit #24
Pg 2

Fiberglass csq. Set slips on last jt of fiberglass & rig up running table for 2 1/16" cementing string. G/H w/ 1.0" seal nipple & 2 1/16" Htg. Space out 2 1/16" Htg model GT 5 1/2" pki & setting tool w/ swivel sub connected to 3 1/2" fiberglass. Attach 2 1/16" x 2 7/8" crossover to Htg & run line system into hole on 2 7/8" workstring. Run bottom of line to 3670' (pki at 3390').

8. At setting depth circulate hole w/ 2% KCL TFW. Pump 25 sacks class "C" cement around line to line top. Set model GT pki, release setting tool. Pick up 2-3' to ensure setting tool is released. Pressure backside to 500 psi & pump 200 sacks class "C" cement into thief zone. Attempt to get squeeze pressure of 1500 psi. Flush w/ 20 bbls maximum 2% KCL TFW if necessary. Pull up 1 jt after squeezed & reverse out excess cement. POOH WOC 24 hrs.
9. DO cmt sub, float collar & shoe to 3675' & circ hole clean. PO.
10. G/H w/ 2.812" SN, 10' to 2 1/16" Htg, crossover & 2 7/8" Htg. Pressure test squeeze to 1000 psi for 15 mins. DO cal-seal plug at 3675' & cleanout to 3825'. Land SN at 3665'. Load backside & pressure to 500 psi.
11. Acidize 3678'-3784' at 3 BPM w/ 2000 psi using 90 bbls 15% HCL-FE acid w/ 60 gals Checker-Sol & 600# graded rock salt mixed in 5 bbls gelled 9# brine in 3 equal stages. Flush w/ 100 bbls 9# brine. Swab well & POOH. C
12. G/H w/ 3.00" SN, anchor seal assembly & 2 3/8" plastic coated Htg. Load backside w/ 80 bbls Conoco pki fluid & latch Htg into pki at 3390'. Return well to injection.