

RE-ENTRY PROCEDURE (Continued)

for the

LUSK DEEP UNIT "A" #3

13. Nipple up BOP with blank and pipe rams and circulating head. (2-7/8" rams will be needed)
14. RIH with 4-3/4" bit, 2-7/8" Reg Box x 2-7/8" 8rd Box crossover, scraper, and ~ 5050' of 2-7/8" 6.5# EUE tubing and clean out to PBTD. (Report PBTD on morning report).
15. Reverse circulate wellbore with 2% KCL water. RU Swab and swab well down to 3000'. Spot 500 gals of 10% Acetic Acid across proposed perforated interval. POOH with bit and workstring.
16. RU Prolog and run a GR/CCL Log from PBTD to 3100'. RU packoff and lubricator and perforate from 5112-5132 and from 4874 to 4904, 2spf, 90 degree phasing using 19 gram charge via a hollow steel carrier. (Total number of shots =106)
17. Monitor casing for pressure change.
18. RIH with a HD Model packer, seating nipple, and ~ 4800' of 2-7/8" tubing and set packer with 12K #'s of compression.
19. Load backside with formation water and pressure test casing/tubing annulus to 500 psi. Monitor pressure during acid treatment.
20. Pump 3500 gals of 15% NEFE HCL with 1gal/1000 Corosion Inhibitor and Clay Stabilizers @ fastest rate possible without exceeding 1500 psi treating pressure. Follow acid with 30 bbls of 2% KCL water and shut well in for 30 minutes. (Drop (10) 7/8", 1.3 SG balls every 500 gals of acid that is pumped for a total of 60 balls) **DO NOT ACIDIZE WELL IF YOU CAN NOT SWAB ON THE SAME DAY.**
21. RU swab and swab well to monitor fluid entry rate.(Additional treatments may be necessary.)
22. After swabbing, unset and lower packer to 5140' to knock-off balls that may still be stuck in perforations, then POOH with packer and workstring.
23. RIH with production equipment.
24. Place well on test.