

Markham No. 2 SWD
Repair Tubing Leak

2-14-89

Moved in and rigged up Fifty-Five Well Service at 3:00 P.M. Released from packer and pulled 7 joints 2 7/8" OD, EUE tubing to top of 2 7/8" OD Hydril CS tubing. Shut in well and released rig crew at 5:00 P.M. Daily cost \$500.
Cum. Cost \$500.

2-15-89

Pulled 82 joints 2 7/8" OD Hydril tubing and 75 joints 2 7/8" OD, EUE tubing. Found 1/4" diameter hole from external corrosion in 164th joint. Laid down joint with leak and 2 joints of tubing above leak and 2 joints of tubing from below leak with external pitting. Pulled 14 additional joints for inspection. All appeared O.K. Ran tubing back to bottom. Picked up 5 joints 2 7/8" OD Hydril CS tubing with internally plastic coating. Left out 1-2 7/8" OD, EUE, 8RT internally plastic coated tubing sub from top of string. Pumped 150 barrels of fresh water with Tret-O-Lite KW-170 corrosion inhibitor. Shut down 30 minutes to allow displacement of annular fluid. Stabbed into packer. Landed tubing leaving 16,000# tension on tubing string. Pumped 60 barrels of fresh water with KW-170 corrosion inhibitor down casing. Followed with 60 barrels of lease oil. Completed loading casing with 165 barrels of fresh water with KW-170 corrosion inhibitor. Total fluid to load was 285 barrels. Pressured casing to 500# with 10 barrels of water. Held O.K. for 10 minutes. Closed in casing valve. Rigged down kill truck and well service unit. Shut down for night at 5:30 P.M.
Daily cost \$2900.
Cum. cost \$3400.

2-16-89

Bled off casing to 100 psi. Had oil at surface. Loaded and pressured casing with 10 BFW with corrosion inhibitor to 500 psi. Lost to 450 psi in first 4 minutes then held steady for balance of 30 minute test period. Bled off casing to kill truck. Casing bled to zero but pressure recorder stuck at 250 psi and remained at that reading even after the instrument was disconnected. Rigged down kill truck and returned well to disposal use at 12:00 noon.
Daily cost \$300.
Total cost \$3700.

FINAL REPORT

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