PL

32-14-12 W
Smoky Hill Pines Unit #19

RECOMPLETION PROCEDURES

M.I.R.U.: Release Anchor Catcher, lower tbg. and tag fill at 2988'. POH with 100 jts. of 2-7/8" tbg, anchor catcher and 5' of the mud anchor, approx. 10' of the mud anchor left in the hole. RIH with mill shoe on 1 jt. of 4-3/4" wash pipe, wash over mud anchor. Circulate sand and iron sulfide out of the hole. POH with wash pipe, had one 2-7/8" Mud Anchor and one 2-3/8" mud anchor, left 12' of junk on bottom. Tag top of junk with Welex Wireline at 3019'. RIH with Perf. Gun and perf. LKC G zone 2970-88' with four shots per foot. POH with wireline, lay down guns, all shots looked good. RIH with Baker Retriva-Matic Packer on 96 jts. of 2-7/8" tbg., set packer @ 2945'. Acidize zone from 2970-88' with 1000 gals. of 15% N.E. HCL, 500# rock salt, 750 gals. of 15% N.E. HCL. Max. PSI 2000#. Min. PSI 750#. Break down press. 2000 PSI. Avg. treating press. 900 PSI. Small show of press. when salt hit formation. Rig up to swab, swab load of 91 bbls. Avg. swab test 18 BPH, 1% oil. Total fluid recovered 180 bbls. (91 bbls. load and 89 bbls. new). Release packer and pull out of hole with tubing. RIH with 97 jts. of 2-7/8" tbg., seating nipple, Baker B-3 Anchor Catcher, 31.5' Mud Joint. Anchor would not set, left swinging in the hole. Ran 1-1/2 X 6' Gas Anchor, 2-1/2 X 2 X 12' Insert Pump, 57 - 3/4" Sucker Rods and 56 - 7/8" Sucker Rods. Return to production.

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