

MIRU Pulling unit. Kill well w/50 bbls. 2% KCl wtr down tbg. ND tree. NU BOP. POOH with Lok set pkr & tbg. RIH w/RTTS on 2-7/8" tbg & set at 9020'. Loaded annulus & press to 2000# - ok. Pumped in WC perfs at 1 B/M @ 2780#. Miced & pumped 100 sx Class H w/0.5 of 1% Halad 9 followed by 50 sx Class H w.0.5 of 1% Halad HR-7. Max press 5000# w/ 36 sx information. Left 9 sx in csg below RTTS & reversed out 105 sx (walking sqz). Pulled 10 stds & reset RTTS at 8400'. Press annulus to 1500# & tbg to 3000#. Released RTTS & POOH. RIH w/4-3/4" RB & 4 3-1/2 DC's on 2-7/8" EUE tbg. & drill out cmt to 9,197'. Press tested sqz job of WC zone to 2000#/15 mins. - ok. RIH & tagged CIBP at 9235'. Drld CIBP & RIH to 11,332' PBTd. Pulled bit to 11,300 & spotted 150 gals 10% Acetic acid 11,300' 11,200'. POOH.

Jet perfd lower Morrow SS 2 shots/interval using 4" csg gun 11,200' 11,204, 11,214, 11,215, 11,276, 11,280, 11,285, 11,287, & 11,293', 11,295'. Total 20 0.48" diameter entrance holes w/19.39" penetration. Set pkr on WL at 11,150', RIH w/prod tbg. ND BOP. NU WH. Loaded & press annulus to 500# - ok. Dropped bar to sheer disc in quickflo nipple. Bar to bottom in 29 sec. No blow. No flow. RU swab. No fluid recovery. Gases strongly after each pull of swab but no steady flow of gas.

RU tree saver. Acidized Lower Morrow perfs. 11,200-11,295' w/3000 gals 7-1/2% MS acid w/additives. RU swab. Gasses after each pull of swab, but no steady flow of gas. Rec. load. Flare would not light. Gas too wet to burn. RU WL Service. Set blank ck in "F" nipple at 11,167'. Released press. Plug held ok. Press tbg to 2000# - plug held ok. Released anchor - seal assembly from model DB pkr & POOH. P&A Lower Morrow SS perfs 11,200- 11,295' by dumping 4 sks cmt w/ dump bailer on top of Model DB pkr 11,150-11,000' (new PBTd). Spotted 150 gals 10% Acetic acid 10,900 - 10,800'. POOH.

Jet perf. Upper Morrow SS using 4" csg gun 2 shots/interval 10,824, 10,825, 10,832, 10,836, 10,867, 10,868, 10,869, 10,870, 10,873, & 10,874'. Total 20 0.48" dia holes w/19.39" penetration. RIH w/prod tbg. Pkr set at 10,713 in 12 pts. compression. ND BOP NU tree. Press annulus to 500# - ok. Dropped bar to open quickflo sub. Bar to bottom in 27 sec. GTS in 1 hr flwg weak 2' flare out 2" pipe. RU swab. Ran swab to 10,500'. No fluid recovery. RU tree saver. Acidized Upper Morrow perfs 10,824 - 10,874' w/4000 gals 7 1/2% MS acid w/additives. Opened to pit on 1" choke. Backflowed 50 BLW & died.

RU tree saver. Fraced Upper Morrow perfs 10,824 - 10,874'. w/42,000 gals sintered bauxite, 61 ton (14,000 gals.) CO₂ & 14 7/8" RCNCB's. SI for 1 1/2 hrs. following treatment. Opened to pit on 1" choke. Flwd 591 BLW in 16 hrs. 1" ck. FTP 25-100#, flwg in heads. Flare not lit. 479 BLWTR. Well died 16 hrs after frac. RU swab. Swbd 90 BLW in 9 hrs. lowering FL 1200 - 9500'. No gas. 389 BLWTR. Well gasses strongly after each swab run then declines to steady 2' flare. 256 BLWTR. Well SI WO unsuccessful.