

MARTINDALE PETROLEUM CORP. # 1 PANCANA FEDERAL
WELL RECOMPLETION IN TUBB & LOWER BLINEBRY

- 1/11/88 PDH. w/ pump & rods, unseat tbg. anchor, install BOP. Rigged swab and made 2 swb. runs to be sure tbg. will swb. (hot oiled well the week before) PDH w/ 2 3/8" tbg. RIH w/ 5 1/2" RBP & set at 6430'. Pump 1 sk. on top RBP, attempted to load hole and circ., loaded hole and caught pkr. w/ 155 bbls. 2% KCL wtr., psr. 250 psi. Hole did not circ. due to perms above, spot 2 bbls. acid from 6388 to 6304'. Rig Schlumberger, cased hole perf w/ 4" steel carrier gun Hyper Jet II, 2JSPF as follows: 6275, 76, 77, 6303, 05, 20, 21, 22, 67, 74, & 83' (total 22 holes), RIH w/ 5 1/2" MD "R" 3 pkr. to 2356', SDFN at 5:00 pm.
- 1/12/88 FRIH. w/ pkr. on 2 3/8" tbg. to 6400' set pkr. and tested RBP., set at 6430' with 1000#, ok. Pulled pkr. to 6177 and set, broke down formation w/ spot acid of 500#, established rate 3.4 bpm @ 3500 psi, ISIP - 1300# to 0# in 5 min., rig swab, could not swab tbg. past 3100' due to paraffin, hot oiled tbg. and csg. and got swabbed to 4200', SDFN @ 5:30pm. Will con't. to clear tbg. by pulling tbg.
- 1/13/88 Unseated pkr. and PDH. w/ 3000' of 2 3/8" tbg. hot oiled tbg. with 25 bbls. at 225 degree F. Rigged swab and RIH to S.N., made 2 swab runs, PDH, layed down 5 1/2" MD. R 3 pkr. & RIH. w/ 5 1/2" Fullbore tension pkr. and set at 6177'. swabbed well dry w/ slight show of gas, acidized w/ 2500 gals. 15% NE-FE HCL acid, good ball action, and formation breaks, indication of zone communication. At ball out max. Psr 3100 psi, burst tbg, unseated pkr., PDH w/ 2 3/8" tbg., found split jt. of tbg. at 2909', F.P.D.H., rig Sch. cased hole perforators. Ran P.D.C. log from 6422' to 5200', perf. with 4" steel carrier gun Hyper Jet II, 180 degree phasing, 2JSPF at following intervals: 5868', 87', 5900', 09', 17', 18', 19', 27', 36', 38' (total 20 holes) Rigged down Sch. SDFN at 7:00 pm. Prep to change out 2 3/8" tbg. string for 2 7/8" rental tbg. string for strength value and fracturing features. Lost to formation 325 bbls. 2% KCL water and 80 bbls. acid.
- 1/14/88 RIH. w/ 5 1/2" Model R-3 pkr. and 5 1/2" LOK-Set RBP. Set RBP at 6023'. Pulled pkr. and set at 5818'. Rigged swab, made 1 swb. run, fluid level at 4800' F.S., rig Western and acidized perms. 5868 to 5938' w/ 2,500 gals. 15% NE-FE acid using R.C.N.B.S. out of zone