

REPORT OF COMPLETION

W. P. Carr

Larcher #3

- 1-18-77 Moved in Drake Well Service swabbing unit. Rigged up Blue Jet and ran gamma-ray correlation and collar logs. PBTD 2559'. Swabbed 2-7/8" csg down to approx 1600'. Perforated w/one 2-1/8" glass jet/2 ft 2624-2636' (6 holes), 2609-2615' (3 holes), 2602-2606' (2 holes), 2582-2598' (8 holes) = (total of 19 holes). Swabbed csg down, very slight show gas w/no indication of fluid entry. Prep to frac.
- 1-19-77 Waiting on frac job.
- 1-20-77 Moved in and rigged up Farmington Well Service swabbing unit. Rigged up Western Company and pumped in 250 gals 15% HCl reg acid followed by 10 bbls wtr. Formation would not break down @ 4000 psi. Swabbed acid and wtr back. Pumped in 260 gals 15% HCl reg acid pressured up to 5000 psi, formation would not break down, left pressure on formation for 1-1/2 hrs, would not break down. Moved swabbing unit and frac crew to Larcher #4 to frac.
- 1-21-77 Moved in and rigged up Farmington Well Service swabbing unit and attempted to pump into formation down 2-7/8" csg, formation would not break down. Ran 82 jts 1-1/4" OD 2.4# 10R EUE tbg. TE 2660' w/Baker Model "C" single grip invertible packer 3 jts off btm. Circulated hole and spotted 250 gals 15% HCl reg acid on formation and in tbg. Set packer in tension @ 2550' and broke formation down w/3000 psi. Pumped additional 250 gals 15% HCl reg acid followed by 17 bbls wtr @ 4500 psi @ 6 BPM. Released packer and laid down 1-1/4" tbg. Rigged up Western Company and attempted to "ball off" perfs. Pumped in 250 gals 15% HCl reg acid with 30 7/8" rubber balls. Had good ball action but did not ball completely off. Ran 2-7/8" swab mandrel to knock balls off perfs and push to btm. Western Company sand-water-frac w/20,000# 20-40 sand followed by 15,000# 10-20 sand. Used 29,946 gals wtr to frac and 714 gals wtr to flush (all wtr treated w/2#/1000 gals FR-2X friction reducing agent. Max treating press 3100 psi, Avg TP 1600 psi, Min TP 1400 psi, Overall Avg IR 17 BPM. Used 667 HHP, ISDP 350 psi, 10-Min SDP 350 psi. Job completed 5:45 PM 1-21-77.
- 1-22-77 Ran 80 jts 1-1/4" OD 2.4# V-55 10R EUE tbg. TE 2584.13' set @ 2593' RKB. Well flowing thru tbg while running same. Ran disc in tbg when flowing back strong w/6 jts left to run. Tagged sand @ 2595'. After landing tbg well was beginning to kick thru csg. Rigged up 1-1/4" swab and broke tbg disc. Released swabbing unit and opened well thru tbg to atmosphere for 5 hrs. Well making est 1.5 MMCF after 5 hrs w/spray wtr. Shut well in.

WAITING ON 7-DAY SI AND IP TEST

- 1-31-77 Ran three-hour one point back pressure test
SITP = 990 SICP = 990 AOF = 1037

FINAL REPORT