

Attachment for C-105 - Well Record

Shell Buckley A-1

November 20, 1953

DST #1: 9225-9360 (135' Wolfcamp). Tool open 3 hrs. thru 3/4" BC & 1" TC on 4 1/2" DS. Immediate weak air blow increasing to strong after 20 min. Gas to surface in 1 hr. & 45 min. w/ good blow throughout test. Recovered 1000' (10.5 bbls.) very heavily oil & gas cut mud & 170' (0.85 bbls.) mud cut oil - gravity 39° API. FBHP 0-425 psi. 30 min. SBHP 3500 psi. HMF 4400 psi. Positive Test.

DST #2: 10,794-10,980'
(186' Pennsylvanian lime)

Tool open 4 hrs. thru 3/4" BC & 1" TC on 4 1/2" DS. Very strong blow throughout test. Gas to surface in 10 min. w/ volume decreasing to TSTM @ end of test. Pulled 93 stands & found fluid. Unloaded 1260' (17.5 bbls.) oil - upper portion heavily mud cut. Recovered 180' (2.5 bbls.) oil, cut w/oil-mud emulsion & 640' (4.3 bbls.) salt water. Gravity of oil 40.5°. Top column water titrates 58,000 ppm cl⁻. Bottom column water titrates 81,000 ppm cl⁻. Pit mud filtrate titrates 3000 ppm cl⁻. FBHP 500-925 psi. 30 min. SBHP 2375 psi. HMF 5575 psi. Positive Test.



