

Operator

Well Name #1 Lee J. Federal

Date	Status
11-20	At 8:00 a.m., 11-19-79, SITP 1360 psi, Open choke and flowed pressure off tubing, did not unload any fluid; Workover rig moved in and rigged up at 2:00 p.m., 11-19-79; Run swab, found scattered fluid 1,200' from surface; 1st run with swab, recovered 4 bbls. spent acid water and very slight trace oil; 2nd run with swab, fluid level 3,500' from surface; Swab from seating nipple recovered 4 bbls. slightly salty water no trace oil; 3rd run with swab from seating nipple, recovered 2 bbls. water, no show oil, same amount of gas to surface, 60 to 80 MCF; Bone Spring section 5,508' to 5,518', not considered at this time to be commercial oil or gas production; Unseat Baker Full bore packer and pull 2-7/8" tubing and packer out of hole; Layed down 2,400', 2-7/8" tubing, left standing in derrick. Prep to squeeze off perfs 5,508' to 5,518'; This a.m. ran in hole with Baker cement retainer and landed cement retainer at 3,025'; Preparing to squeeze lower zone.
11-20	Ran 9-5/8" Baker squeeze retainer on 2-7/8" tubing and set retainer at 3,027'; Pull stinger out retainer, circulate 9-5/8" casing; Set back in retainer and Howco squeeze perf 5,508' to 5,518', with 150 sks. Class "C" cement, displaced cement below retainer to perf and squeezed 50 sks. in perf and left 100 sk. plug above perf in 9-5/8" casing; Maximum Squeeze pressure 2000 psi; Shut down 5 minutes and held 2000 psi; Pulled stinger out retainer permanent bridge plug at 3,022'; Pull 2-7/8" tubing and retainer stinger, pressure test top retainer 2000 psi, held OK; Rigged up permian perforators; Perf lower section Delaware sand with 4-1/2" decentralized casing gun .41 LD hole as follows: 2,949', 2,950', 2,951', 2,952', 2,953', and 2,954' 6 holes; Run 9-5/8" Baker Full Bore packer with seating nipple at top of packer on 2-7/8" tubing to 2,900'; Set packer and shut for night; Will acidize tomorrow.
11-22	Shut down for Thanksgiving.
11-23	Set retrievable bridge plug above perfs at 2,949' to 2,954', perf zone 2,901' to 2,908'; Acidized with 500 gals. acid; Swab tested; Had very slight show of gas.
11-24	Swabbed well, recovered 13 bbls. water, had very slight show of gas Left well shut in.
11-25	Shut down for Sunday.
11-26	Swab well dry with only slight show of gas; Came out of hole with packer and retrievable plug; Ran in hole with tubing and spotted cement plugs as follows: plug #1, 50 sks. Class "C" from 3,000 to 2,850'; Plug #2, 33 sks. Class "C" from 1,200' to 1,100'; Plug #3, 7 sks. Class "C" from 30' to surface. Rig down Well Tech; Fill pit and cellar and back drag location; Cut off guide line anchors; Well PLUGGED AND ABANDONED 11-16-79; <u>FINAL REPORT</u> .