

Cities Service Oil Company #1 Strackbein 'A'

Sec. 32-T22S-R27E Eddy County, New Mexico

DST #1: 10395-10491 (96') Strawn, 2400' water cushion 3/4" bottom choke, 1" top choke. Tool opened for 15 minute pre flow. Closed tool for 1 hour test. No surface indication of gas or fluid entry. Closed tool for 1 hour FSIP. Pulled packer loose. 1 1/2 hour ISIP 1333 psi, IFP 1034 psi, FFP 1012 psi, 1 hour FSIP 1034 psi, MCP Initial and final 5571 psi, BH temp. 170° F. Recovered 30' of drilling water plus the water blanket.

DST #2: 11399-11500 (101') Morrow. 3500' water cushion, 3/4" bottom choke, 1/4" top choke. Opened tool for 23 minute preflow, water blanket to surface in 10 min. Gas in 23 minutes. Closed tool for 1 hour ISIP. Opened tool for 45 minutes with gas rate increasing to 4.7 MMCFD. Surface flowing pressure 3100-3300 psi on 1/4" choke. Annuls started kicking. Closed rams. Bled annulus to pit. Pulled packer loose w/2800 psi in drill pipe and reversed. Lost 350 barrels of mud. 1 hour ISIP 4760 psi, I.F. 3517 psi, F.F. 3974 psi, FSIP 4668 not stabilized. IMCP 6412 psi, FMCP 6366. Annulus kicking too much to allow stabilization.