

DRILL STEM TESTS - R. G. MILLS #1

Sun Oil Co

DST #1 - 8979-9016 (1-16-55) choke 1" x 5/8" w/1000' water base. Tool open 3 hours ending 10 p.m. Good to fair blow throughout test, gas to surface in 1 hour and 16 minutes. Less than 1# buildup. Recovered 1600' water base oil and gas cut, 120' oil and gas cut mud, 505' free oil, 278' heavy oil and gas cut salt water. 990' free salt water, chlorides 76000 ppm. Mud weight initial 4800#, mud weight out 4690#, initial flow 575#, FP 1405, 30 minute build up 3015#.

DST #2 - 9712-9769 (1-31-55) 5/8" x 5/8" choke w/1000' water base, tool open 1½ hours. Good blow immediately, gas to surface in 18 minutes, mud and gas out water base to surface in 36 minutes, gas out water base in 38 minutes. Oil out water base in 55 minutes, free oil in 59 minutes. Surface flow pressure 0-225#, est. rate of flow in pits 10 BPH, gravity 47.1 @ 60°. Recovered 1353' free oil, 150' highly oil and gas cut mud and 60' free oil. Mud weight in 4995#, mud weight out 4935#. Initial flow press. 505#, FP 1425#, 15 minutes shut in pressure 3460#.

