

DST No. 1: 10,904 - 10,971 Failed.

DST No. 2: 10,907 - 10,971 Penn., Tool open 11:30 A.M. 11-6-57. Air to surface in 5 minutes. Gas to surface 10 minutes, water blanket to surface 20 minutes. Cleaned to pit 1 hour. Recovered 176 bbls. distillate 16 hours., average gas rate 5475 MCFPD beginning 8:00 P.M. November 6, 1957. Pressure built up for 900 to 2200 1st hour. Increased to 2300 after 4 hours. Shut tool in 11:30 A.M. November 7, 1957. After shut-in 1 hour 10 minutes surface pressure built up from 650 to 2900. Initial BHPF 905. Final BHPF 1455. 1-1/2 hours BHPSI 4740. Recovered 285' distillate. Total production flowed 223 distillate correct gravity 56° and 4980 MCF 21-1/2 hrs. Initial flowing rate 4500 MCFPD, Final flowing rate 7130 MCFPD. GOR 22,300.

DST No. 3: 11,420 - 11,458 Penn. Sn. Tool open 7:24 A.M. 6 hours., 5 minutes. Air to surface 1 minute. Water blanket to surface 11 minutes. Gas to surface 14 minutes. Flow to pit 24 minutes. Flowed 60 barrels distillate (Correct gravity 55°) and 1704 MCF 5-1/2 hours. Last 3 hours gas rate stabilized 7510 MCFPD. Recovered 185' oil and gas cut drilling mud and 185' distillate above tool. Initial BHPSI 5130. Initial BHPF 1495 Final BHPF 1775 50 minutes., BHPSI 4840 BHT 154° F.

DST No. 4: 11,697 - 11,858 Lower Penn. Tool open 3 hours. Gas to surface 55 minutes. Stabilized gas rate 33 MCFPD. Recovered 2000' gas cut water blanket and 180' gas cut mud. Initial Shut-in pressure 5120 BHPF 995 - 1060 55 minutes. BHPSI 2575.

DST No. 5: 12,615 - 12,678 Devonian. Tool open 2-1/2 hours., slight blow air 45 minutes and died. Recovered 3000' water blanket and 150' drilling mud. No initial Shut - in pressure. Disc. ruptured. BHPF 1635 1 hour BHPSI 2290.

DST No. 6: 12,680 - 12,770 Devonian. Tool open 4 hours. Gas to surface 25 minutes. Rate increased to 226 MCFPD after 2-1/2 hours. Rate dropped to 97 MCFPD after 4 hours. Recovered 3000' water blanket and 150' heavily gas cut mud and sulphur water and trace distillate. 30 minutes. Initial BHPSI 5330. BHPF 1435 - 1455. 1 hour BHPSI 3600.

DST No. 7: 12,775 - 12,860 Devonian. Tool open 5 hours., slight blow air immediately, increased to strong blow throughout test. Recovered 3000' water blanket, 450' water cut mud and 1800' salt water (Titrated 22,000 ppm). No show gas or distillate. Initial BHPSI 5445 BHPF 1485 - 2305 1 hour.

