

ATTACHMENT III  
DRILL STEM TEST RECORD  
SOUTHLAND ROYALTY COMPANY "A" NO. 2

#1 - Interval tested: 5632-5730. Tool open 1 hour 30 minutes. Gas to surface in 36 minutes. Volume too small to gauge. Recovered 540' slightly gas cut drilling mud. FBHP - no chart.

#2 - Interval tested: 6235-6337. Tool open 14 minutes. Gas to surface in 2-1/2 minutes. Drilling mud and distillate to surface in 10 minutes. Gas gauged 6 MMCFPD and was sweet. Recovered 80' heavily gas cut mud and 30' straw colored distillate. Gravity, 61.5 corrected. FBHP 2000 psi. 15 minute SIBHP - failed.

#3 - Interval tested: 6388-6452. Tool open 1 hour. Gas to surface in 6 minutes. Gauged 200 MCFPD. Recovered 60' gas cut drilling mud. FBHP 80 psi. 15 minute SIBHP 2200 psi.

#4 - Interval tested: 6452-6534. Tool open 45 minutes. Gas to surface in 30 minutes. Too small to gauge. Recovered 180' gas cut drilling mud. FBHP 45 psi. 15 minute SIBHP 870 psi.

#5 - Interval tested: 6534-6584. Tool open 2 hours. Recovered 110' drilling mud. FBHP 0. 15 minute SIBHP 0.

#6 - Interval tested: 6582-6686. Tool open 2 hours 40 minutes. Gas to surface in 12 minutes. Recovered 1870' clean oil; 10' salt water; and 180' oil and gas cut drilling mud. FBHP 525 psi max. 15 minute SIBHP 1350 psi.

#7 - Interval tested: 6686-6738. Tool open 1 hour. Recovered 420' heavily gas cut mud; 270' slightly gas cut mud; 750' drilling mud; 30' mud cut with salt water. FBHP 839 psi max. 15 minute SIBHP 1950 psi. Packer seat is believed to have failed to make a complete shut off. Fluid dropped in annulus.

#8 - Interval tested: -6750. Leaky drill pipe.

#9 - Interval tested: 6694-6750. Tool open 1 hour. Recovered 250' gas cut drilling mud and 20' salt water. FBHP 102 psi max. 15 minute SIBHP 1160 psi.

