

Phillips Petroleum Company
Marg-A Well No. 1- Undesignated - Atoka Gas
Sec. 25, T-9-S, R-32-E, Lea County

DST #1 (10-4-74)

Ron Johnston DST in Bough C formation, 4 1/2" OD drill pipe perfs. 8897-8965; top phr @ 8891', bottom phr @ 8897', 1" top choke, 5/8" bottom choke. Top gauge: IHy DP 4750#, 5-min IOFP 1026#, 90 min ISIP 3028#, IOFP 681#, 90 min FOFP 1625#, 90 min FSIP 2199#, FHyDP 4660#. Air to surface immediately, gas in 4 minutes @ 4000 Mcf/day w/2000 Mcf/day final rate. Oil in 28 minutes. Reversed 16 BO, 26 BSW, oil gty 47.9, GOR 2025/1. Rec 6.5 cu ft gas, 520 cc oil and 800 cc water in sample chamber.

DST #2 (10-16-74)

Ron Jonson DST in Straven formation, 4" OD DP, perfs 9884-9972', top pkr @ 9876', bottom pkr @ 9884', 1" top choke, 5/8" Bottom choke. Top Gauge: IHydP 5405#, 3-min IO 974#, 90-min. I SIP 3767#, no report IOFP, 60-min FOFP 974#, 90-min. FSIP 3247#, FHydP 5227#. Bottom Gauge: I HydP 5413#, 3-min I open 975#, 90-min ISIP 3755#, no report IOFP, 60-min FOFP 3232#, FHydP 5209# static BH temp. '68 degrees. Air immediately. Weak blow air in 17 min after tool open. Rec. 2.2 cu. ft. gas and 34.10 cc heavy gas and light oil-cut drlg. in sample chamber, press. 150#. Recovered 750' cuts blanket, 1250' gas-cut utr blanket and 105' gas-cut drlg. mud.