

DST #13A: 13,824'-13,950' (126' Shale, Lime & Dolomite). Unable to hold mud level in annulus. Pulled DP to redress HW packer. Negative Test.

DST#13: 13,824'-13,950' (126' Shale, Limes & Dolomite). Tool open 2 1/2 hours thru 1" TC & 1/2" BC on 2 7/8" DP. Immediate strong blow of air which died in 2 hours. NGTS. Ran 2000' WB. Recovered WB plus 9000' (40 bbls.) sulfur water which titrated 20,000 ppm Cl<sup>-</sup>. HMH 6235-6125 psi. FBHP 3420-5580 psi. 30 min. SIBHP 5940 psi. Positive Test.

DST#14: Thru casing perforations 13,796'-12,810', 12,860'-12,880' and 12,920'-13,050' (254'/164' Lower Penn. Sands & Shale). Ran 2000' WB. Tool open 24 hours thru 1" TC & 1/2" BC on 2 7/8" DP. Immediate strong air blow. OTS in 1 3/4 hours. WOTS in 1 hour 50 mins. MTS in 2 hours. Flowing clean oil & gas in 2 1/2 hours. FBHP 875-4250 psi. SIBHP 5275 psi. HMH est. 8800 psi. Positive Test.

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