

3-15-78

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AMOCO PRODUCTION COMPANY

ATTACHMENT TO FORM C-103

DST RESULTS

STATE "ET" WELL NO. 1

BUFFALO VALLEY PENN - ATOKA

O. C. C.  
ARTESIA, OFFICE

1/21/78 DST #1 - 8820' to 8945' Atoka Morrow

Johnston conventional test system. On 11 minutes initial preflow tool opened with good blow of air immediately. Run 90 minutes initial shut-in bottom hole pressure. On 60 minute final flow strong blow of air immediately on 3/8" choke with 20 psi. Gas to surf in 23 minutes with 25 psi 119 MCFPD in 30 minutes with 22 psi 110 MCFPD in 35 minutes with 20 psi with 105 MCFPD in 50 minutes with 19 psi holding for remainder of test. Run 120 minute final initial shut-in bottom hole pressure. Recovered 215 ft gas cut drlg mud. 140000 PPM CHL and resistivity 0.10 at 60 deg F. Sample chamber recovery at 60 psi of 0.74 cu ft of gas. Pit mud 130000 PPM CHL and resistivity 0.14 at 50 deg F. Initial hydrostatic head 4865 psi. 11 minute initial flowing bottom hole pressure 146-159 psi. 90 minute initial shut-in bottom hole pressure 3111 psi and still building. 60 minute final flowing bottom hole pressure 159-200 psi. 120 minute final shut-in bottom hole pressure 3274 psi and still building slightly. Final hydrostatic head 4865 psi. Bottom hole temperature 155 deg F.