ATTACHMENT FOR FORM C-105

Big Eddy Unit # 1
Sec. 36-21S-28E
Eddy County, New Mexico

DST # 1: 3734' - 3806' (72' Delaware Mountain Sand). Tool open 51 minutes thru 5/8" BC & 1" TC on 5 9/16" DS. Immediate very weak blow increasing slightly to weak at end of test. NGTS. Recovered 10' (0.09 bbl.) free oil (Gr. 40.1 deg.) + 100' (0.9 bbl.) slightly oil (5%) & gas cut mud + 200' (1.8 bbl.) very slightly oil & gas cut mud. 22 minutes ISIBHP failed. 24 minutes FSIBHP failed. FBHP 80 - 160 psi. HMH 1713 psi. Pit & recovery mud titrated 3150 ppmCl^-. Conclusive Test. (Halliburton)

DST # 2: 4401' - 4577' (176' Delaware Mountain Sand). Tool open 2 hours thru 1/4" TC & 5/8" BC on 5 9/16" DS. Opened w/weak blow, remaining same throughout test. NGTS. Recovered 360' (8.2 bbls.) heavily gas & very slightly oil cut mud, 90' (2.0 bbls.) water, oil & gas cut mud (est. 5% oil), 180' (4.1 bbls.) slightly oil & gas cut water (trace oil), 1500' (34.0 bbls.) very slightly oil & gas cut sulfur water. IFP 300 psi. FFP 1280 psi. FSIP 1990 psi. HMH 2180 - 2160 psi. ISIBHP failed. Maximum BHT 116 deg. F. Recovery water titrated 100,000 ppmCl^-, pit mud titrated 4200 ppmCl^-. Conclusive Test. (Cook)

DST # 3: 6212' - 6345' (133' Delaware Mountain Sandstone). Tool open 2 hours 5 minutes thru 1/4" TC & 5/8" BC on 5 9/16" DS. opened w/very weak blow of air gradually increasing to weak at end of test. NGTS. Recovered 1080' drilling mud & 480' very slightly gas cut mud w/very slight trace of oil. No sign of water. 45 minutes ISIP 265 psi. FP 400 - 670 psi. 45 minutes FSIP 765 psi. Pit mud titrated 7000 ppmCl^-. Recovery mud titrated 7200 ppmCl^-. Conclusive Test.

DST # 4: 9679' - 9718' (39' Bone Spring ?). Tool open 30 minutes thru 5/8" BC & 1" TC on 4" DS. Opened w/no blow except as caused by leak in DP. DP began leaking slightly while taking ISIBHP, then increased while taking FSIBHP. Recovered 4700' (5 bbls.) drilling mud w/no show + 30' (0.3 bbl.) drilling mud w/very slight trace gas. 30 minutes ISIBHP 305 psi. FBHP 970 - 1360 psi. 30 minutes FSIBHP 1415 psi. HMH 4565 - 4580 psi. Conclusive Test. (Johnston)

DST # 5: 11,361' - 11,477' (115' Pennsylvanian limestone & sandstone). Tool open 2 hours 2 minutes thru 1" & 1/4" TC, 5/8" BC on 4" DS. Opened w/strong blow of air. GTS in 3minutes. Flowed gas w/slight mist of oil to pits for 37 minutes & turned to separator. Gas flowed through separator at initial rate of 1.725 MMCFPD which decreased to 1.250 MMCFPD in 27 minutes. After 1 hour & 24 minutes of flowing test circulating sub failed filling drill string w/mud. Mud below circulating sub was gas cut w/trace of oil. 38 minutes ISIBHP 6080 psi (fully built up). FBHP 700 - 620 psi. HMH 6700 psi. Pit mud titrated 2100 ppmCl^-. Mud below circulating sub 2400 ppmCl^-. Maximum BHT 163 deg. F. Test considered partially Conclusive. (Cook)

DST # 6: 11,522' - 11,651' (129' Pennsylvanian Atoka sand, shale & lime). Tool open 3 hours 5 minutes thru 1" & 1/2" TC, 5/8" BC on 4" DS. Opened w/strong blow of air. GTS 10 minutes. Flowed at initial rate of approximately 300 MCFPD. Flowed to pits 45 minutes then turned to separator. Rate increased from initial 300 MCFPD to a peak of 905 MCFPD in 1 hour 52 minutes. Then in next 20 minutes decreased to approximately 800 MCFPD & remained at 800 MCFPD for remainder of test (43 minutes). Recovered 240' (1.6 bbls.) gas & slightly condensate cut mud (est. 3% condensate), 90' (0.44 bbl.) gas & salt water cut mud w/trace condensate + 90' (0.44 bbl.) salt water. Pit mud titrated 2350 ppmCl^-. Salt water titrated 25,400 Cl^-. 5 minutes ISIBHP 6440 psi (not completely built up). FBHP 290 - 815 psi. 30 minutes FSIBHP 5900 psi (completely built up). HMH 7125 - 7125 psi. Maximum BHT 170 deg. F. Positive Test. (Johnston)

Original Signed By
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