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O. C. C.
ARTESIA, OFFICE

2/17-3/22/65 Drilled 7 7/8" hole to total depth of 11,550' KDB and ran Lane Wells Acoustilog.

Ran following drill stem tests:

- 2/22/65 DST #1: 8840'-8875' (Bone Springs Dolomite). Tool open 1 hour with no blow. Recovered 10' of drilling mud with no show of oil or gas. BHFP: 57#-57#, 1 hour final BHFP: 57#
- 3/6/65 DST #2: 10,196'-10,220' (Wolfcamp). Tool open 1 hour and 20 minutes. Gas to surface in 20 minutes. Recovered 20' free oil and 80' oil and gas cut mud. 5 minute IBHFP: 93#, 45 minute IBHFP: 3,147#, 15 minute intermediate BHFP: 107#, 45 minute intermediate BHFP: 2,525#, 1 hour FBHFP: 120#, 2 hour FBHFP: 1,765#, Hyd: 3649#-3649#.
- 3/7/65 DST #3: 10,335'-10,363' (Wolfcamp). Tool open 1 hour and 20 minutes. Gas to surface in 29 minutes. Recovered 1' free oil and 90' oil and gas cut mud. 5 minute IBHFP: 100#, 1 hour IBHFP: 4,964#, 15 minute intermediate BHFP: 110#, 1 hour intermediate BHFP: 4,698#, 1 hour FBHFP: 110#, 1 1/2 hour FBHFP: 4,401#, Hyd: 5,118#-5,118#.
- 3/12/65 DST #4: 11,095'-11,139' (Strawn Lime). Used 1,200' water cushion. Tool open 2 hours and 20 minutes. Had strong blow of gas diminishing to good blow at end of test. Gas to surface in 13 minutes. Recovered 30' free oil and 1,200' water cushion. 5 minute IBHFP: 395#, 1 hour IBHFP: 4,447#, 15 minute intermediate BHFP: 395#, 1 hour intermediate BHFP: 3,564#, 2 hour FBHFP: 435#, 3 hour FBHFP: 2,254#, Hyd: 5,837#-5,810#.
- 3/15/65 DST #5: 11,137'-11,188' (Strawn Lime). Used 1,250' water cushion. Tool open 45 minutes. Had very weak blow for 6 minutes and died. Recovered 60' slightly gas cut drilling mud and 1,250' water cushion. 15 minute IBHFP: 573#, 1 hour IBHFP: 896#, 30 minute FBHFP: 573#, 1 hour FBHFP: 735#, Hyd: 5,965#-5,945#.
- 3/18/65 DST #6: 11,374'-11,396' (Basal Strawn Lime). Used 1,470' water cushion. Tool open 1 hour with very weak blow and died immediately. Recovered 100' mud with no show and 1,470' water cushion. BHFP: 667#-708#, 1 hour FBHFP: 990#, Hyd: 5,999#.
- 3/21/65 DST #7: 11,487'-11,550' (Atoka Sand). Used 1,625' water cushion. Tool open 1 hour and 20 minutes. Opened with weak blow increasing to good blow for remainder of test. Gas to surface in 38 minutes. Recovered 2,105' salt water and 1,625' water cushion with no show. 5 minute IBHFP: 829#, 1 hour IBHFP: 5,070#, 15 minute intermediate BHFP: 1,098#, 1 hour intermediate BHFP: 5,003#, 1 hour FBHFP: 1,704#, 2 hour FBHFP: 4,976#, Hyd: 6,255#-6,214#.

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