

ATTACHMENT

Drill Stem Tests

James H. Snowden, et al #1 Santa Fe, Lea County, New Mexico.

D.S.T. Nos. 1, 2, & 3 - 9970-9993 - Failed

D.S.T. #4 - 10,294-333' - Failed

D.S.T. #5 - 10,294-333' - Tool open 3 hours. Good blow of air. Gas to surface in 53 minutes. Good blow of gas then slowly diminished. Recovered 630' slightly gas cut mud, 540' slightly oil and heavily gas cut mud and 90' slightly mud cut and slightly salty water. IFP-0, FP-500, 15 min., SIP-3000.

D.S.T. #6 - 12,022-212' - Tool open 1 hour 15 minutes. Weak blow of air for 12 minutes. Recovered 45' drilling mud 15 minutes. Failed, FP-failed, Hyd. P-6900.

D.S.T. #7 - 12,022-212' - Tool open one hour 40 minutes. Weak blow of air for 33 minutes. Recovered 940' drilling mud. FP-330, 15 min., SIP-0 Hyd.P-6715.

D.S.T. #8 - 12,375-417' - Tool open 5 hours. Immediate good blow of air. Gas to surface in 2 1/2 hours. 4 1/2 hours of slight dripping of oil or distillate off flow line. Recovered 450' heavy gas cut mud. FP-0, 15 min. SIP-825, Hyd.P-6725.

D.S.T. #9 - 13,060'-087' - Tool open 1 hour. Slight blow for 14 minutes, packer failed. Recovered 1000' water blanket and 4590' drilling mud. Hyd.P-7325, no FP.

D.S.T. #10 - 13,080-173' - Tool open 1 hour. Immediate good blow. Died in 15 minutes. Recovered 1000' water blanket and 90' drilling mud. Hyd.P-7500, IFP-750, 15 min. SIP-1500.

D.S.T. #11 - 13,173-265' - Tool open 12 minutes. Immediate heavy blow of air. Packer failed. Recovered 1000' water blanket and 3330' Mud cut salty sulphur water. Hyd.P-7600, IFP-900, FFP-1300, No shut in pressure.

CORES

Core #1 - 9994-10,034' - Recovered 100%. Gray dense lime, slight vuggy porosity and fluorescence.

Core #2 - 12,402-417' - Recovered 100%. Gray dense lime, with pin point porosity, slight oil stain and odor of petroleum.

Core #3 - 12,417'-447' - Recovered 100%. Gray dense lime, faint yellow fluorescence, and slight odor of petroleum.

Core #4 - 13,062-087' - Recovered 100%. Gray, fine crystalline dolomite. Fractured porosity, slight stain and good scattered fluorescence. Fair staining, good odor of petroleum.

ATTACHMENT

Well Stem Tests

James H. Anderson, et al vs Santa Fe, San County, New Mexico.

U.S.T. No. 1, 2, 3 - 2270-2293 - failed

U.S.T. No. 10, 2291-2331 - failed

U.S.T. No. 10, 2331-2338 - Tool open 2 hours. Good flow of air. Gas to surface in 23 minutes. Good flow of gas then slowly diminished. Recovered 630' slightly gas cut mud, 510' slightly oil and heavily gas cut mud and 30' slightly mud cut and slightly salty water. 11P-0, 11P-500, 11P-500, 11P-500.

U.S.T. No. 10, 2338-2345 - Tool open 1 hour 15 minutes. Weak flow of air for 15 minutes. Recovered 11P, drilling mud 15 minutes. Failed, 11P-0, 11P-500.

U.S.T. No. 10, 2345-2352 - Tool open one hour 15 minutes. Weak flow of air for 15 minutes. Recovered 11P, drilling mud. 11P-330, 11P-500, 11P-500.

U.S.T. No. 10, 2352-2359 - Tool open 2 hours. Immediate good flow of air. Gas to surface in 2 1/2 hours. 1 1/2 hours of slight dripping of oil or dilute oil flow line. Recovered 11P, heavy gas cut mud. 11P-0, 11P-500, 11P-500.

U.S.T. No. 10, 2359-2406 - Tool open 1 hour. Slight flow for 15 minutes, breaker failed. Recovered 1000' water blanket and 11P, drilling mud. 11P-0, 11P-500, 11P-500.

U.S.T. No. 10, 2406-2413 - Tool open 1 hour. Immediate good flow. Died in 15 minutes. Recovered 1000' water blanket and 11P, drilling mud. 11P-0, 11P-500, 11P-500.

U.S.T. No. 10, 2413-2420 - Tool open 15 minutes. Immediate heavy flow of air. Breaker failed. Recovered 1000' water blanket and 11P, mud cut salty sulphur water. 11P-0, 11P-500, 11P-500. No shut in pressure.

CORES

Core 11 - 2293-2301 - Recovered 100%. Gray dense lime, slight vuggy porosity and fluorescence.

Core 12 - 2302-2310 - Recovered 100%. Gray dense lime, with pin point porosity, slight oil stain and odor of petroleum.

Core 13 - 2311-2319 - Recovered 100%. Gray dense lime, faint yellow fluorescence, and slight odor of petroleum.

Core 14 - 2320-2328 - Recovered 100%. Gray, fine crystalline dolomite. Fractured porosity, slight stain and good scattered fluorescence.