

DST #1 - 9599'-9710'

Open 1 hr Initial fair blow, decreased and died after 30 min ,  
recovered 120' drilling mud. Initial shut in pressure (30 min.) 215 lbs.  
Initial flow pressure 133 lbs. Final flow pressure 133 lbs.  
Final shut in pressure 160 lbs. (1 hr.)

This zone had traces of fluorescence in samples and a fair drilling break, therefore, it was tested.

DST #2 - 9851'-9900'

Open 2 hr. Immediate good blow, gas to surface in 3 min., 12 min after tool opened pressure at surface had increased to 100 pounds, then gradually decreased to 3 oz at end of test. Gas estimated at 1135 MCF on 1" choke and 367 MCF on 1/2" choke when highest surface pressure was had. Reversed out 18 bbls oil, no water, recovered 60' oil in tool.

Initial shut in pressure (1 hr): 2695 lbs.

Initial flow pressure: 380 lbs.

Final flow pressure: 1530 lbs.

Final shut in pressure: (1 hr.): 1830 lbs.

DST #3 - 9900'-9950'

Tool open 3-1/2 hrs. Initial good blow, gas to surface in 8 min. Pressure at surface maximum 3 lbs which reduced to 2 lbs after 30 min. End 1 hr pressure at surface 1-1/2 lbs, 2 hrs, 11 oz, 3 hrs, 6 oz. Reversed out estimated 200' slightly oil and gas cut drilling mud. Recovered 40' mud and 10' oil in tool.

Initial shut in pressure (1 hr): 3205 lbs.

Initial flow pressure: 135 lbs.

Final flow pressure: 245 lbs.

Final shut in pressure: (1 hr): 2394 lbs.

DST #4 - 9945'-10,030'

Open 1 hr 24 min. Initial good blow, gas to surface in 5 min, drilling mud in 15 min, oil to surface in 18 min. Cleaned to pits for 5 min and turned to tank. Pressure at surface when turned to tank 350 lbs, after 40 min. 325 lbs, at end of test pressure was 310 lbs. Flowed 26.68 bbls oil in 1 hr. Reversed out 19.72 bbls oil. Well started heading after 1 hr, then started flowing steady after 10 min. Recovered 90' oil in tool. Total recovery 46.44 bbls, shake out 2% water and .4% basic sediment or parafin.

Initial shut in pressure (1 hr): 3258 lbs.

Initial flow pressure: 1130 lbs.

Final flow pressure: 1858 lbs.

Final shut in pressure (1 hr): 2548 lbs.

DST #5 - 10,030' - 10,080'

Tool open 30 min. Initial weak blow, died in 17 min. Recovered 90' mud in tool.

Initial shut in pressure (1 hr): 110 lbs.

Initial flow pressure: 55 lbs.

Final flow pressure: 55 lbs.

\*Final shut in pressure (1 hr): 2745 lbs.

\*The final shut in pressure is not considered accurate by Halliburton.

**Flow**

the zone of interest on this test between 10,050-60'. Seven feet of porosity is present. While drilling this some about 6' of mud was lost from the pits. Drilling time was very good--it is possible that this porous zone was mudded up sufficiently to prevent a fair test. Also the water saturation estimate by Schlumberger could be incorrect due to saturation by water base mud.

(b) That a full assignment will have priority to cover the entire  
related new ... ..

Gen. Carl (A. C.) Johnson, 1901  
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