

No. 1, 5-18-52 - 1 Hour Halliburton Drill Stem Test 8907-8933' with 5/8" choke at 8886' - Used 2 packers at 8911' and 8920' - Bombs at 8940' and 8944' - Tool opened 2:15 PM 5-18-52 No gas to surface, weak blow of air for 10 minutes and dead remainder of test - Recovered 30' drilling mud, now show - Hydrostatic Pressure 4600# - Flowing Pressure and 15 Minute BHP 0#.

No. 2, 5-25-52 - 1 Hour 15 Minute Halliburton Drill Stem Test 9265-9286' with 5/8" choke at 9245' - Used 2 packers at 9270' and 9278' - Bombs at 9251' and 9296' - Tool opened 8:30 PM 5-25-52 - No gas - Weak blow of air first 15 minutes and dead remainder of test - Recovered 40' drilling mud no shows, - Hydrostatic Pressure 4690# - Flowing Pressure and 15 Minute BHP 0#.

No. 3, 5-28-52 - 2 Hour Halliburton Drill Stem Test 9302 - 9352' with 5/8" choke at 9285' - Used 2 packers at 9307' and 9315' - Bombs at 9290' and 9362' - Tool opened 10:50 PM 5-28-52 No gas, good blow air throughout test - Recovered 60' drilling mud, no shows - Hydrostatic Pressure 4550# - Flowing Pressure 200# - 15 Minute BHP 550#.

No. 4, 6-2-52 - 2 Hour 50 Minute Halliburton Drill stem Test 9576-9631' with 5/8" choke at 9558' - Used 2 packers at 9581' and 9589' - Bombs at 9562' and 9642' - Tool opened 10:10 AM 6-2-52 - No water blanket - Gas to surface 4 minutes (24 hour rate 1,584,700 cu. ft.) Mud to surface 18 minutes, oil 20 minutes - Flowed 166 bbls 42.2 gravity oil, no water 2 hours 20 minutes - Recovered 10 bbls oil and gas cut mud, cut 50% oil, no water - Hydrostatic Pressure 5400# in and 5400# out - Flowing Pressure 1360-2030# - 15 minute BHP 2950#.

No. 5, 6-9-52 - 2 Hour 30 Minute Halliburton Drill Stem Test 9692-9745' with 5/8" choke at 9672' - Used 2 packers 9696-9705' - Bombs at 9678' and 9756' Tool opened 12:01 AM 6-9-52 No water blanket - Gas to surface 20 minutes, too small to measure - Decreased at end of test almost dead - Recovered 425' fluid, 360' oil and gas cut mud, cut 50% oil, 65' water with sulphur odor - Hydrostatic Pressure in 4825# out 4780# - Flowing Pressure 45 to 140# - 15 Minute BHP 710#.

No. 6, 6-11-52 - 2 Hour 30 Minute Halliburton Drill Stem Test 9618-9763' with 5/8" choke at 9597' - Used 2 packers at 9623' and 9631' - Bombs at 9603' and 9774' - No water blanket, gas to surface 15 minutes, 4,200 cu. ft. 24 hour rate throughout test - No fluid to surface - Recovered 831' fluid, 620' oil and gas cut mud, cut 25% oil, 170' cut 75% oil and 41' salt water 5% salt - Hydrostatic Pressure 4775# in and 4575# out - Flowing pressure 300# - 15 Minute BHP 2150#.

No. 7, 6-13-52 - 1 Hour 5 Minute Halliburton Drill stem Test 9776-9832' with 5/8" choke at 9745' - Used 2 packers 9768' and 9776' - Bombs at 9750' and 9830' Tool opened 12:05 AM 6-13-52 - Weak blow air for 30 minutes and died - Closed and reopened tool, weak blow air for 5 minutes and dead remainder of test - Recovered 65' drilling mud, no shows - Hydrostatic Pressure in 4825#, out 4800# - Flowing Pressure and 15 Minute BHP 0#.

No. 8, 6-15-52 - 2 Hour Halliburton Drill Stem Test 9875-9951' with 5/8" choke at 9844' - Used 2 packers at 9867' and 9875' - Bombs at 9850' and 9949' - Tool opened 4:55 PM 6-15-52 - No gas or fluid to surface - very light blow air, decreased and dead end of test - Recovered 150' drilling mud, slight show gas in mud - Hydrostatic Pressure in 4835#, out 4800# - Flowing Pressure 0# - 15 minute BHP 90#.

No. 9, 6-25-52 - 1 Hour Halliburton Drill Stem Test 10,380-10,404' with 5/8" choke at 10,347' - Used 2 packers at 10,372' and 10,380' - Bombs at 10,363' and 10,402' Tool opened 3:30 AM 6-25-52 - No gas or fluid to surface, medium blow of air for 20 minutes and died - Reopened tool - Light blow of air for 1 minute and died - Recovered 50' drilling mud - Hydrostatic Pressure in 5225#, out 5185# - Flowing Pressure 45# - 15 minute BHP 45#.

No. 10, 7-3-52 - 1 Hour 30 Minute Halliburton Drill Stem Test 10,730-10,800' with 5/8" choke 10,699' - Used 2 packers 10,722' and 10,730' - Bombs at 10,703' and 10,798' - Tool opened 5:AM 7-3-52 - No gas or fluid to surface - Recovered 368' slightly gas cut mud, very light blow of air - Hydrostatic Pressure in 5453# out 5453# - Flowing Pressure 70#, Final 169# - 15 Minute BHP 5352#.

No. 11, 9-20-52 - 2 Hour Halliburton Drill Stem Test 13,375-13,435' w/ 5/8" choke at 13,342' - Used 2 packers at 13,367' and 13,375' - Bombs at 13,358' and 13,434' Tool opened 2:22 PM 9-20-52 - No gas to surface - Fair Blow of air throughout test Recovered 1943' fluid - 1000# water blanket - 943' salt water, 17,000 part per million salt, no show oil - Hydrostatic Pressure 6765# - Flowing Pressure 270-860# 15 Minute BHP 1455#

