

Harry Leonard "A" #15

DRILL STEM TESTS

No. 1, 7-20-52 - 1-1/2 Hour Johnston Drill Stem Test 6185-6310' with 5/8" choke at 6160' - Used 2 packers 6177' and 6185' - Bombs at 6306' and 6308' - Tool open 8:10 PM 7-20-52 - Medium blow air for 5 minutes, very weak blow remainder of test - Recovered 35' drilling mud, no show - Hydrostatic Pressure 2875# - Flowing Pressure and 15 minute BHP 0#.

No. 2, 7-21-52 - 2 Hour Johnston Drill Stem Test 6310-6445' with 5/8" choke at 6278' - Used 2 packers at 6302' and 6310' - Bombs at 6440' and 6442' - Tool open 11:40 PM 7-21-52 - No gas, very small blow air throughout test - Recovered 110' drilling mud, no show - Hydrostatic Pressure 3100# - Flowing Pressure 125# 15 minute BHP 200#.

No. 3, 7-24-52 - 2 Hour Johnston Drill Stem Test 6445-6570' with 5/8" choke at 6409' - Used 2 packers at 6437' and 6445' - Bombs at 6566' and 6568' - Tool opened 12:45 AM 7-24-52 - Gas to surface 55 minutes, too small to measure - Reversed out 4 bbls oil and gas cut mud, cut 10% oil - Recovered 260' oil and gas cut mud, cut 10% oil - Hydrostatic Pressure 3250# - Flowing Pressure 250# 15 minute BHP 500#.

No. 4, 7-25-52 - 2 Hour Johnston Drill Stem Test 6570-6688' with 5/8" choke at 6535' - Used 2 packers at 6562' and 6570' - Bombs at 6684' and 6686' - Tool opened 2:10 PM 7-25-52 - Gas to surface 15 minutes, 56,000 cu.ft. - No fluid - Reversed out 32 bbls oil and gas cut mud, cut 75% oil - Recovered 260' oil and gas cut mud below circulating sub, cut 2% oil and no water - Hydrostatic Pressure 3475# - Flowing Pressure 500# - 15 minute BHP 2225#.

No. 5, 7-27-52 - 2 Hour Johnston Drill Stem Test 6688-6813' with 5/8" choke at 6731' - Used 2 packers at 6680' and 6688' - Bombs at 6809' and 6811' - Tool opened 3:45 PM 7-27-52 - Gas to surface 1 hour 50 minutes, too small to measure Recovered 220' fluid, all drilling mud, slightly gas cut - Hydrostatic Pressure 3250# - Flowing Pressure 0# - 15 minute BHP 200#.

No. 6, 7-29-52 - 2 Hour Johnston Drill Stem Test 6813-6930' with 5/8" choke at 6790' - Used 2 packers at 6805' and 6813' - Bombs at 6928' and 6926' - Tool opened 9:25 AM 7-29-52 - Gas to surface 8 minutes, 38,000 cu.ft. - No fluid - Reversed out 16 bbls 38 gravity clean oil 6 bbls oil and gas cut mud, cut 50% oil - Recovered 260' oil and gas cut mud, cut 1% oil - Hydrostatic Pressure 3300# - Flowing Pressure 950# - 15 minute BHP 2750#.

No. 7, 7-31-52 - 1-1/2 Hour Johnston Drill Stem Test 6930-7049' with 5/8" choke at 6915' - Used 2 packers at 6922' and 6930' - Bombs at 7045' and 7049' - Tool opened 1:00 PM 7-31-52 - No gas, fair blow of air 45 minutes, weak blow remainder of test - Recovered 720' fluid, 300' drilling mud, 420' salt water - Hydrostatic Pressure 3250# - Flowing Pressure 375# - 15 minute BHP 2650#.

No. 8, 9-11-52 - 2 Hour Halliburton Drill Stem Test 7832-7930' with 5/8" choke at 7799' - Used 2 packers at 7824' and 7832' - Bombs at 7805' and 7928' - Tool opened 1:22 AM 9-11-52 - No water blanket - No gas, medium blow of air throughout test - Recovered 195' gas cut drilling mud, no oil or water - Hydrostatic Pressure 3680' - Flowing Pressure 65# - 15 minute BHP 200#.

No. 9, 9-15-52 - 3 Hour and 15 minute Johnston Drill Stem Test 7936-8062' with 5/8" choke at 7912' - Used 2 packers at 7928' and 7936' - Bombs at 8060' and 8058' - Tool opened at 6:00 PM 9-15-52 - Gas to surface in 5 minutes - Gas Volume 382,600 cu.ft. - Mud to surface in 55 minutes oil in 65 minutes - Flowed 55 bbls 39 gravity oil in 2 hours - Recovered 20 bbls oil Hydrostatic Pressure 4025# - Flowing Pressure initial 375# final 775# - 15 minute BHP 2175#.

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