

DUPLICATE

No. 1 - 3-20-53 - 1-1/2 Hour Johnston Drill Stem Test from 9093-9220' with 5/8" choke at 9047' - Packers at 9086' and 9093' - Bombs at 9218' and 9220' - Tool opened 11:45PM 3-19-53 - Weak blow air, decreased, dead in 1 hour - Recovered 240' fluid, 180' oil and gas cut drilling mud, cut 5% oil, 60' of 42 gravity clean oil, no water - Hydrostatic Pressure 4250# - Flowing Pressure 0# - 15 Minute BHP 650#.

No. 2 - 5-26-53 - 3 Hour 40 Minute Halliburton DST from 11,950-12036' with 5/8" choke at 11,926' - Packers at 11,942' and 11,950' - Bombs at 11,931' and 12,035' - Tool opened 2:20PM 5-26-53 - Gas to surface 7 minutes, 24 hour rate 115,000 cu. ft. - Increased to 993,000 cu. ft. at end of test - Oil to surface 40 min. Flowed 105 bbls 45 Gr. clean oil 3 hours, no water - HP 5725# - FP 530 - 2075# - 15 Minute BHP 4280#.

No. 3 - 5-29-53 - 2 Hour 15 Minute Halliburton DST from 12,036-12,166' with 5/8" choke at 12,017' - Packers at 12,028' and 12,036' - Bombs at 12,017' and 12,165' - Tool opened 12:13PM 5-29-53 - Gas to surface in 15 minutes too small to measure - Dead in 1 hour - Recovered 4494' fluid, 194' oil and gas cut drilling mud, cut 50% oil and 4300' 45 gravity clean oil, no water - Hydrostatic Pressure 5800# - Flowing Pressure 170-665# - 15 Minute BHP 3980#.

No. 4 - 5-31-53 - 2 Hour 50 Minute Halliburton DST from 12,166-12,281' with 5/8" choke at 12,142' - Packers at 12,166' and 12,157' - Bombs at 12,146' and 12,280' - Tool opened 1:15PM 5-31-53 - Used no blanket - Gas to surface 9 minutes - Flowed 262 bbls 45 gravity clean oil 2 hours 30 minutes - Recovered 81 bbls - Reversed out - Total recovery 343 bbls oil, no water - Hydrostatic Pressure 5485-5435# - Flowing Pressure 1940-3770# - 15 Minute BU 4360#.

No. 5 - 6-3-53 - 2 Hour Halliburton DST from 12,281-12,391' with 5/8" choke at 12,257' - Packers at 12,272' and 12,281' - Bombs at 12,261' & 12,390' - Tool opened 8:45PM 6-3-53 - Used no blanket - Goof blow air - Gas to surface 23 Min. 24 hour rate 4,200 cu. ft. - No fluid to surface - Recovered 158' oil and gas cut drilling mud, cut 50% oil - 5100' of 45 gravity clean oil, no water - HP 5970-5870# - Flowing Pressure 200-630# - 15 Min. BU 4180#.

No. 6 - 6-6-53 - 2 Hour Halliburton DST from 12,390-12,500' with 5/8" choke at 12,336' - Packers at 12,382' and 12,390' - Bombs at 12,367' and 12,499' - Tool opened 5:40 PM 6-6-53 - Strong blow air 10 minutes, gas to surface 20 minutes, 24 hour rate 6,400 cu. ft. - Used no blanket - No fluid to surface - Recovered 3945' fluid, 90' oil and gas cut drilling mud, cut 40% oil, 3630' clean oil, 225' salt water 5.6% salt - Hydrostatic 6060-5970# - Flowing 690-1470# - 15 Minute BHP 2440#.

# THEORY OF THE EARTH

1. The Earth is a sphere of approximately 7,900 miles in diameter. It is composed of a solid inner core, a liquid outer core, and a solid mantle. The crust is the thin outer layer of the Earth, which is composed of rocks and minerals. The crust is divided into tectonic plates that move and interact with each other.

2. The Earth's interior is divided into layers based on composition and physical properties. The inner core is the centralmost layer, followed by the outer core, the mantle, and the crust. The mantle is the largest layer and is composed of hot, plastic material that flows slowly. The crust is the thin outer layer of the Earth, which is composed of rocks and minerals.

3. The Earth's surface is shaped by a variety of geological processes, including erosion, sedimentation, and tectonic activity. These processes have created a diverse range of landforms, including mountains, valleys, and oceans.

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