

1. HALLIBURTON DST #1--duration one hour, from 5155 to 5106' through 4-1/2" drill pipe with 5/8" choke at 5088'. The 8" packers at 5106' and 5101', two BHP 5154' and 5092', safety joint 5096', tool open at 2:40 a.m. closed 3:40 a.m. June 8, 1951. HP 1985#, FP 240 - 300#, 15 minutes BUP 1490#. Gas volume 24 hour rate: 10 minutes - 180,000 MCF, 30 minutes - 171,000 CF, 60 minutes - 184,400 CF.

2. HALLIBURTON DST #2--duration 1 hour, from 5154' to 5210' through 4-1/2" DP w/5/8" choke @ 5133'. Two 8" packers @ 5148' and 5154'; two BHP @ 5137' & 5209'. Safety joint 5141', tool open @ 11:50 p.m., closed @ 12:50 a.m., June 9, 1951. Gas to surface in 4 minutes. Recovered 900' fluid, 540' oil and gas cut drilling mud and water, cut 10% oil, 360' of clean oil, no free water. HP - 2440#, FP - 200 to 300#, 15 minutes BUP 750#. 4# gas through 3/4" plate in 10 minutes 125,700 cu. ft., 2# gas through 3/4" plate in 30 minutes - 87,200 cu. ft. 1-1/2# gas through 3/4" plate in one hour - 75,200 cu. ft.

3. HALLIBURTON DST #3--duration 1 hour, from 5204' to 5260' through 4-1/2" DP with 5/8" choke at 5170'. Two 8" packers at 5196' and 5204'; two BHP @ 5174' & 5259'. Safety joint 5190', tool open 8:45 a.m., closed @ 9:45 a.m., July 10, 1951. Received 265' fluid, 265' oil and gas cut drilling mud, cut 20% oil. HP 2475#, FP 195#, 15 minutes BUP 1354#. Good blow of air all during test. Small amount gas reached surface when broke off top connection to come out of hole. Caught only top sample of test. Other unloaded, could not get - all about the same.

4. HALLIBURTON DST #4--duration 1 hour, 20 minutes, from 5436' to 5577' through 4-1/2" DP with 5/8" choke at 5419'. Two 8" packers at 5431 and 5436; two BHP @ 5423 and 5576. Safety joint 5428, tool open at 4:55 p.m., closed @ 6:00 p.m., June 13, 1951. Gas to surface in 18 minutes. 24 hour rate 156,900 cu. ft. - gas through 3/4" plate in 35 minutes - 4# - 125,700 cf, gas through 3/4" plate in 45 minutes - 6# - 156,900 cf, gas through 3/4" plate in 1 hour - 6# - 156,900 cf. Mud to surface in 24 minutes, oil to surface in 30 minutes. Flowed 20 barrels of clean oil plus 3 barrels water in 30 minutes; Received 1080' fluid, 580' oil, 10% water & BS, 500' water with slight taste of sulphur. BP 2285#, PP 460 to 895#, 15 minutes BUP 1030#. Preparing to drill ahead.

5. HALLIBURTON DST #5--duration 1 hour, from 5647' to 5685' through 4-1/2" DP with 5/8" choke at 5608'. Two 8" Packers at 5642' and 5647'; two BHP @ 5614' and 5684'. Safety joint 5637', tool open at 1:40 p.m., closed at 2:40 p.m., June 15, 1951. Gas to surface in 3 minutes. 24 hour rates 171,000 cf. Mud to surface in 9 minutes, oil to surface in 11 minutes. Flowed approximately 43 barrels of 39 gr. clean oil and no water in 45 minutes; HP 2690#, FP 605 to 1620#, 15 minutes BUP 2140#. Flowed 5'5" clean oil in test tank in 45 minutes, nowater. Tank was filled and closed tool. Tank had 2'8" oil when started test. No fluid recovered. Gas unloaded all fluid. Two oil samples on dock. Gas pressures: 13 minutes, 5-3/4# through 3/4" orifice - 153,000 cf; 25 minutes 9-1/2# through 3/4" orifice - 203,600 cf; 45 minutes, 7# through 3/4" orifice - 171,000 cf; 1 hour, 7# through 3/4" orifice - 171,000 cf.

6. HALLIBURTON DST #6--duration 1 hour, 25 minutes from 5685 to 5710 through 4-1/2" DP with 5/8" choke @ 5657. Two 8" packers 5680 & 5685; two BHP @ 5654 & 5709. Safety joint 5677', tool open @ 12:25 p.m., closed @ 1:50 p.m., June 16, 1951. Gas to surface in 15 minutes. Mud to surface in 25 minutes, oil to surface in 45 minutes. Flowed 55 barrels of 38 Gr. clean oil plus no barrels water in 40 minutes; HP 2575#, FP 605 to 2000#, 15 minute BUP 2200#. Oil test was 82° above 0 & 40 gr. Gas measurement through 3/4" plate in 45 minutes - 10#, gas through 3/4" plate in one hour - 8#, gas through 3/4" plate in one hour 15 minutes - 7-1/2#, gas through 3/4" plate in 1 hour 25 minutes - 7-1/2#; after 3-1/2 hours could only draw off about one barrel of water & B.S. from test tank full of oil.

THE HISTORY OF THE UNITED STATES OF AMERICA

The first part of the history of the United States of America is the period from the discovery of the continent by Christopher Columbus in 1492 to the establishment of the first permanent settlements in 1607. This period is characterized by the exploration of the continent by Spanish, French, and English explorers, and the establishment of the first permanent settlements in the eastern part of the continent.

The second part of the history of the United States of America is the period from 1607 to 1776. This period is characterized by the growth of the colonies, the struggle for independence from Britain, and the establishment of the United States as a new nation. The American Revolution was a major event in this period, and it led to the creation of the United States as a new nation.

The third part of the history of the United States of America is the period from 1776 to 1865. This period is characterized by the growth of the United States, the American Civil War, and the Reconstruction period. The American Civil War was a major event in this period, and it led to the abolition of slavery and the establishment of the United States as a new nation.

The fourth part of the history of the United States of America is the period from 1865 to 1945. This period is characterized by the growth of the United States, the American Civil War, and the Reconstruction period. The American Civil War was a major event in this period, and it led to the abolition of slavery and the establishment of the United States as a new nation.

The fifth part of the history of the United States of America is the period from 1945 to the present. This period is characterized by the growth of the United States, the American Civil War, and the Reconstruction period. The American Civil War was a major event in this period, and it led to the abolition of slavery and the establishment of the United States as a new nation.

The sixth part of the history of the United States of America is the period from the present to the future. This period is characterized by the growth of the United States, the American Civil War, and the Reconstruction period. The American Civil War was a major event in this period, and it led to the abolition of slavery and the establishment of the United States as a new nation.