

REPORT ON DRILL STEM TESTS

J. T. CAUDLE WELL NO. 1

Date	Description Of Test
4-13-49	DST #1 - T.D. 4400'. Packer at 4301', Perforations 4302-03', 4393'-97', 5/8" bottom & 1" top chokes. Opened tool at 1:17 P.M.. Blow of air for 7 Min. and died, reopened tool & closed at 2:25 P.M. for 1/4 hour build-up. Recovered 20' drilling mud, no oil, gas or water. Amerada Chart - Hydro. pressure in 2345#, out 2360#, flow pressure 65#, 1/4 hour build-up 0.
4-14-49	DST #2 - T.D. 4450'. Packer at 4400', perforations from 4401' to 4403' and 4437' to 4447', 5/8" bottom & 1" top chokes. Opened tool at 11:15 A.M., weak blow air for 4 hours. Closed tool at 3:15 PM for 1/4 hour build-up. Amerada Chart - Hydro. pressure in 2090#, out 2070#, flow pressure 0 - 250#, 1/4 hour build-up 850#.
5-23-49	DST #3 - T. D. 9030'. Packers at 8906' and 8914', perforations from 8915' to 16' and 9019' to 24', 5/8" bottom and 1" top chokes. Opened tool at 4:05 PM. Packers failed. Pulled out of hole & recovered 2000' of drilling mud, slightly gas cut.
5-24-49	DST #4 - T. D. 9030'. Packers at 8892' and 8900', perforations from 8901' to 8902' and 9000' to 9024', 5/8" bottom & 1" top chokes. Opened tool at 1:50 A.M. with good blow air & gas in 20 Min. Tool open 4 hours. Closed tool at 5:50 A.M. for 1/4 hour build-up. Recovered 1800' heavy oil & gas cut drilling mud (estimated cut 50%), 2-1/2 Gal. free oil, Corrected gravity 42.7. Amerada Chart - Hydro. pressure in 5050#, out 4930#, flow pressure 320#, 1/4 hour build-up 1160#.
5-25-49	DST #5 - T.D. 9065'. Packers at 9022' and 9030', perforations 9031' to 9060', 5/8" bottom and 1" top chokes. Opened tool at 2:55 AM with good blow air gas in 5 Min. Recovered 1980' free oil, gravity 45.7 corrected, 720' heavy oil & gas cut drilling mud, 50% oil cut. Amerada Chart - Hydro. pressure in 4975#, out 4930#, flow pressure 65 - 585#, 1/4 hour build-up 2880#, Gas volume 71,000 cu. ft. per day.
5-26-49	DST #6 - T.D. 9090'. Packers at 9057' and 9065', perforations 9066' to 9084', 5/8" bottom and 1" top chokes. Opened tool at 1:20 AM with good blow air that gradually decreased. Gas up in 3 hours & 40 min. Too weak to estimate. Closed tool at 5:20 AM for 1/4 hour build-up. Recovered 3780' salt water, 180' drilling mud, slightly oil cut, estimated 2%. Amerada Chart - Hydro. pressure in 4950#, out 4945#, flow pressure 80 - 1745#, 1/4 hour build-up 2970#.
5-30-49	DST #7 - T. D. 9425'. From 9380' to 9425'. Packers at 9372' and 9380', perforations from 9381' to 9382' and 9414' to 9422', 5/8" bottom and 1" top chokes. Opened tool at 3:20 A.M. Gas up in 3 Min, mud in 1 hour and 10 Min., oil in 1 hour & 40 Min. Switched to tanks at 5 AM and in 1 hour flowed 13.80 bbls. oil, 3/10% BS, no water. Corrected gravity 46.3. Oil light amber color. Gas Volume 518,427 cu. ft. per day. Closed tool at 9 AM, was open 5 hrs. & 40 Min., bled off 5.52 bbls fluid, .2% BS and 25% Salt Water. Gas volume 339,888, GFR 1734, Recovered 1706' oil, 50% Salt water cut, 540' Salt Water. Halliburton Chart - Hydro. pressure in 5300#, out 5150#, Min flow 480#, Max. flow 1300#, 1/4 hour build-up failed. Corrected gravity 46.5.
7-10-49	DST #8 - T. D. 11075'. DST from 11020' to 11075', Packers set at 11012' and 11020', perforations from 11021' to 11022' and 11052' to 11072' with 2100' water blanket. Tool open at 8:15 AM with fair blow of air throughout test, no gas and no oil. Tool closed at 12:15 PM for 1/4

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1. The undersigned hereby certify that the above is a true and correct copy of the original as the same appears in the records of the Board of Directors of the City of New York, and that the same has been compared with the original and found to be a true and correct copy.

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1. The Committee has been informed that the Government of India has decided to send a delegation to the United Nations Conference on the Law of the Sea, to be held in Geneva in 1976. The delegation will consist of a representative of the Government of India, a representative of the Ministry of External Affairs, and a representative of the Ministry of Shipping. The Government of India has also decided to send a delegation to the United Nations Conference on the Law of the Sea, to be held in Geneva in 1976. The delegation will consist of a representative of the Government of India, a representative of the Ministry of External Affairs, and a representative of the Ministry of Shipping. The Government of India has also decided to send a delegation to the United Nations Conference on the Law of the Sea, to be held in Geneva in 1976. The delegation will consist of a representative of the Government of India, a representative of the Ministry of External Affairs, and a representative of the Ministry of Shipping.

oil. Amerada Chart - Hydro. pressure in 2904', 1040#; Max. flow 3190#, 1 1/4 hour build-up 4315#.

DST #9 - T. D. 11083'. Set Hookwall packer at 9094' & anchor packer at 9086'. Tool open at 8:12 A.M., 1488' with 3/8" bottom and 1" top chokes. Too small to measure, blow of air, gas to surface in 2 hrs. & 48 Min., too small to measure, started swabbing at 3 PM and swabbed until 4:30 AM. Recovered estimate of 2 bbls. heavy gas cut mud, slight oil show in mud. Fluid level 500' from bottom. Recovered 1300' dry pipe, 60' oil, 1300' salt water, 6430' drilling mud.

7-16-49