

Record of Drill Stem Tests on the E. C. Hill No. 1, Section 27, 23S, 37E.

On August 24th, 1950, down 1 hour Halliburton DST 3462' to 3580', 4 1/2" drill pipe (5/8" choke at 3442') one 8" packer and two bombs 3462 to 3579', safety joint at 3465', tool open 5:58 a.m., closed 6:58 a.m. on 8-24-50. Gas to surface in 17 minutes, 24 hours gas volume 141,900 cu. ft., Recovered 420' of gas cut mud, FP-170#, HSP - 1650#, 15 min. closed in B.H.P. - 910#.

On September 22nd, 1950, down 1 hour "H" DST #2 - 8217-8302'. 4 1/2" drill pipe with 5/8" choke at 8192' with two 8" packers at 8217-8209', two B.H.P. at 8194-8301', safety joint at 8219'. Tool open 1 a.m., closed 2 a.m. on September 22nd, 1950. Light blow of air during test. Rec. 2010', fluid 210', gas and sulphur water cut mud, 1800' of sulphur water. HSP 4100#, FP 1000#, 15 min. closed in BUP 3050#.

On October 13, 1950, ran 1 1/2 hr. Johnston DST No. 3 - 9208-9292', 4 1/2" D.P., 5/8" choke at 9192', two 8" packers at 9208-9203', two B.H.P. bombs at 9285-9290', safety joint 9210', tool open 1:45 a.m. closed 3:15 a.m. Oct. 13, Gas to surface in 40 minutes, 24 hour gas volume 3200 CF. Recovered on DST #3 4630' of fluid, 1200' of water blanket, 630' of oil and gas cut mud, 50% oil, 2800' of oil .3% BS&W, gravity 42. HSP 4500#, TP 1300#, 15 min. closed in BUP 1650#.

On October 15th, 1950, one hour "J" DST #4 - 9283- 9380', 4 1/2" D/P. 5/8" choke at 9268', two 8" packers at 9283' and 9278', two B.H.P. bombs at 9373' and 9378' safety joint at 9285', tool open 4:30 a.m. closed 5:30 a.m. Used 1300' water blanket, gas to surface in 25 minutes 24 hour volume 4200 CF. Rec. 3800' fluid, 1300' water blanket 250' oil and gas cut mud, cut 30% oil, 2250' of 42 gravity, .4 % BS &W, HSP 4550#, FP 1250#, 15 minute closed in BUP 1650#

On Oct. 22, 1950, DST #5, 9688 to 9775' - 4 1/2" drill pipe, 5/8" choke at 9656, two 8" packers at 9688' and 9680'. two B.H.P. bombs at 9660', and 9773, safety joint at 9690', tool open 4:45 a.m. , used 1700' water blanket, gas to surface in 20 minutes, 24 hour gas volume 1,062,000 CF. Water blanket to surface in 30 minutes, oil in 40 minutes. Flowed 25 bbls oil in 15 minutes. Flowed 512 bbls of 45 gravity oil in 5 hours , .3% BS &W . Closed tool at 10:30 am Oct. 22nd, HSP 5000#, FP 3675#, 15 min. closed in BUP - 3900 #

