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° , $4 \frac{1}{2}$ 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'. 4½" 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 l_2^1 hr. Johnston DST No. 3 - 9208-9292', $4\frac{1}{2}$ " 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 voluem 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&M, gravity 42. HSP 4500#, TP 1300#, 15 min. closed in BUP 1650#.

On October 15th, 1950, one hour "J" DST $\#4 - 9283 - 9380^{\circ}$, $4\frac{1}{2}$ " 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, 96 % to 9775' - $4\frac{1}{2}$ " drill piep, 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 BHP - 3900 # Become of Initia Stear Sector on and a. G. The No. 1, Mention 27, 435, 139.

we choose 2466, 18980, 2000 1 Adde 15 and 15 200 24621 to 5301, 4 1731 2017 sine ()8 outside at 52.21) one 34 positer and the borns 2452 to 53791, andety to nt a 34551, cool apen 5:56 2, m, thouse 4:53 e.m. on 8-24-50. Cas to environ in 17 minutes, 19 hours are volume 101,900 cm. Tt., Eccovered 4001 of an 6.0 add, 27-270#, 127 - 25508, 15 add. Closed in 7.2.2. - 200%.

in teorement 22mm, 25mG, unsur Libor Haff BTF #2 - 2027. 44" dritt 21 e when the cooke it differents to be another at 2217-2027, and Brack, to 194apply have by touch at 2191. Front open a case, closed 2 a.c. on September 127d, 1950. Coght blow of air during tout. Heo. Vily?, fluid 2107, are and subject where are and add, 1907 of all har reter. 1957 4100%, FT 1000%, 15 min. closed in For 3000%.

3. Source 13, 1930, see 13 tr. Source Lat No. : - 9208-92981, 42" E. .. 5/8" oroke at 91021, two St pacents at 9208-93021, two 3.4.2. board as 9235- 1 01, antisk, foint 92101, took open 1:45 c... closed 3:15 a.m. Opt. 15, Gua So -urfoce an 40 invites, 24 norther a volute 3200 07. Recovered on 18% #3 40301 of flaid, 10001 at water blacket, 6301 of sil and ga out mud, 50% oil, 26001 of oil -3% S T, gravity 42. Son 4300%, 10 1300%, 15 min. closed in 350 1650%.

a Gradier 15th, 1950, one hour "U" DSD $\frac{1}{24} - \frac{1}{280} + \frac{1}{280}$, $\frac{1}{4}$, $\frac{1}{7}$, $\frac{1}{2}$,

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