

RECORD OF DRILL STEEL TESTS

5-16-50

DST. #1 from 4095' to 4150', 1-7" OD. Packer & Safety joint, 3 1/2" Mod. D.P., 4 1/2" H-90 D.C. Packer set at 4095', per . from 4096' to 4097' to 4147', 5/8" Bottom & 1" Top chokes, tool open at 7:05 AM With strong blow of air which gradually decreased to weak blow at end of test. Closed tool at 11:05 AM for 1/4 hr. BUP. Rec. 2590' of Slightly gas cut salt water. No oil shows. Howco. Hydro. press. in 2150# out 2150#, initial F.P. 0# final 1200#, no BUP. Amerada Hydro. press. in 2085# out 1975#, initial flow press. 55# final 1190#, No BUP.

7-14-50

DST. #2 from 8569' to 8660' with 2-7" OD Packers and Safety joint, on 3 1/2" Mod. D.P. and 4" H-90 D.C. Set packer three times at 7:15, 7:25 & 7:40 P.M. and failed, packers were set at 8561' & 8569', Rec. 630' mud, Howco. Hydro. in 4825# out 4700# B.T. Chart Hydro. in 4975# out 4815#

7-15-50

DST #3 from 8550' to 8660', 2-7" OD Packers & Safety joint on 3 1/2" Mod. D.P. & 4" H-90 D.C. Packers set at 8542' & 8550', 5/8" bottom & 1" Top chokes, perf. from 8550' to 51' & 8644' to 8657', Opened tool at 2:45 PM and packer leaked. Closed & re-opened tool at 2:50 PM W/Slight blow air for 20 mins. & died, let set 1 Hr. Closed & re-opened tool at 4:10 PM, W/few bubbles for 3 mins. & died. closed tool at 4:30 PM for 1/4 Hr. BUP. (1 hr and 40 mins. test.) Rec. 420' mud W/no shows of oil or gas. Howco. Chart in 4800# out 4725#, initial F.P. 900# final 1100#, no build up, Amerada Hydro in 4865# out 4815#, Initial F.P. 215# final 215# No build up.

7-21-50

BST. #4 from 8750' to 8982', 2-7" OD Packers & Safety joint & Bowen Jars, W/1" I.D. bore on 3 1/2" Mod. D.P. & 4 1/2" H-90 D.C. Packers set at 8743' & 8750', perf. from 8750' to 8765' & from 8970' to 8979' on 5/8" Bottom & 1" Top chokes, open tool at 11:25 PM. W/light blow air, decreasing to very slight blow at end of 4 hrs. Closed tool at 3:25 AM for 1/4 hr. BUP. Rec. 115' mud, no oil, water or gas. Howco. Hydro. press. in 4975# out 4950#, I.F.P. 325# F.F.P. 325#, 1/4 hr. BUP 0#, Amerada Hydro. in 4900# out 4870#, I.F.P. 60#, final 60#, 1/4 hr. BUP. 140#

9-17-50

DST. #5 from 11018' to 11045', 2-7" OD packers, & Safety joint, 2000' water blanket, packers at 11018' & 11010', 3 1/2" Mod D.P. Perf. from 11019' to 11041' on 5/8" bottom & 1" top chokes, opened tool at 11:35 PM. W/strong blow of air, which continued for 4 hrs., gradually decreasing to weak blow at end of test. Closed tool at 3:35 AM for 1/4 hr. BUP. Pulled 1840' D.P., recovered 2000' water blanket, 7178' of Salty Sulphur water, now show of oil or gas. Howco. Hydro. in 6000# out 5850#, I.F.P. 3825# final 4350#, 1/4 hr BUP failed. Amerada Hydro. in 6065# out 5825#, I.F.P. 1115# final 4195#, 1/4 hr. BUP 4340#.

9-26-50

DST. #6 from 11300' to 11395', 2-7" OD Packers & Safety joint, 3 1/2" Mod. D.P. & H-90 D.C. Packers set at 11294' & 11300' Perf. from 11301' to ~~11306'~~ 11306' & 11368' to 11392', 5/8" Bottom & 1" top chokes, Opened tool at 2:25 AM. (2400' Water Blanket) W/strong blow of air, gradually decreasing to very light blow at 5:00 A.M. Closed tool at 6:25 AM.

9-30-50

DST #7, from 11467' to 11534', 2-7" OD Packers & Safety Joint on 3 1/2" Mod. D.P. & 5 1/2" H-90 D.C. 2540' Water blanket, Packers at 11461' & 11467', Perf. 11468' to 69' & 11502' to 31' 5/8" bottom & 1" Top chokes. Opened tool at 2:44 AM. W/Very Weak blow for 30 mins. & died, left tool open 1 hr.. Closed & Re-opened tool, got very few bubbles, closed tool at 4:30 A.M. for 1/4 hr. BUP. Rec. 2540' Water Blanket, 350' Slightly gas & water cut mud, very little Sulphur gas, no trace of oil, Howco. Hydro. in 6200# out 6100#, I.F.P. 4000# final 3200#, 1/4 hr. BUP. 3300# Amerada Chart Hydro. in 6050# out 6065#, I.F.P. 1240# final 1455#. 1/4 hr. BUP 3310#

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in all financial dealings.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It includes a detailed description of the experimental procedures and the statistical analysis performed.

3. The third part of the document presents the results of the study. It includes a series of tables and graphs that illustrate the findings of the research. The data shows a clear trend of increasing activity over time.

4. The fourth part of the document discusses the implications of the findings. It suggests that the results of the study have significant implications for the field of research and may lead to further developments in the future.

5. The fifth part of the document concludes the study. It summarizes the main findings and provides a final statement on the importance of the research.