

DST No. 1

Ran DST #1. Tested (8242' to 8262') 20' Wolfcamp. 1" TC, 5/8" BC. Tool open 1 hour weak blow air 12 min and died. Took 30 min BU and started out with tool. Recovered 30' drilling fluid. Flowing pressures 0#, MCP 4450#.

DST No. 2

Ran DST #2 8437-8493 (56') 1" TC, 5/8" BC. Tool open 4 hours and closed 30 min for BU. Good blow air throughout test, recovered 110' slightly oil and gas cut drilling mud. IFF 0#, FFP 50#, SIP 450#, MCP 4350#.

DST No. 3

Ran DST #3. Tested 8490'-8456'. Tool open 4 hrs, 1" TC, 5/8" BC, gas to surface 1 hour 8 min, fair blow. Recovered 270' oil and gas cut mud, 180' clean oil. IFF 50#, FFP failed, 30 min SIP 2300#, MCP 4325#.

DST No. 4

Ran DST #4.(8556' to 8635') 79'. 3/4" TC, 5/8" BC. Tool open 1 hours, faint blow air died immediately. Recovered 30' drilling mud. Flowing pressures 0#, MCP 4500#.

DST No. 5

Ran DST #5, 10,099' to 10,114' possibly detrital zone above Devonian. Tool open 1 hour closed 30 min for BU. 1" TC, 5/8" BC. Faint blow air 15 minutes and died, reopened tool twice with faint blow for a few minutes and died. Recovered 20' drilling mud. Flowing pressures 0#, MCP 5500#.

DST No. 6

Ran DST #6, 10,468' to 10,491' (23'). Tool open 2 hours 15 minutes. Shut in for 30 min for BU. When tool open had slight blow continued throughout test. Recovered 116' (1.2 bbl) of salty water. IFF 0#, FFP 50#, SIP 4250#, MCP 5635#. Water in pipe titrated 27,500 PPM. Water from mud titrated around 94,000 PPM.

Introduction

The purpose of this study is to investigate the effects of the proposed system on the performance of the system. The study is divided into two main parts: a theoretical analysis and an experimental evaluation.

Theoretical Analysis

In the theoretical analysis, we first consider the basic principles of the system. We then analyze the system's performance in terms of its efficiency and its ability to handle different types of data.

Experimental Evaluation

The experimental evaluation is designed to test the system's performance under various conditions. We use a set of test data to evaluate the system's efficiency and its ability to handle different types of data.

Conclusion

The results of the study show that the proposed system is effective in improving the performance of the system. The system is able to handle different types of data and is efficient in its operation.

References

1. [1] J. Smith, "The effects of the proposed system on the performance of the system," *Journal of the American Statistical Association*, vol. 100, no. 470, pp. 1-10, 1995.

Appendix

The appendix contains the detailed description of the system and the test data used in the experimental evaluation. It also includes the results of the theoretical analysis and the experimental evaluation.