

Report of Drill Stem Test

J.R. Phillips Well #7

- 3-18-49 DST #16. From 9865' to 9890'. Packers set at 9857' & 9865', w/3/8" Bottom & 5/8" Top Choke. Perforations 9866' to 9884' w/1500' Water Blanket. Tool opened at 9:55 P.M. Water blanket up in 10 Mins., Gas in 20 mins., Oil in 25 mins.. Turned to tanks. Made 14.49 bbls. oil in 6 hrs. Gty. 46.3 Corrected, Gas Vol. 1,517,000 Cu ft. perday Closed tool @ 4:20 A.M. Recovered 630' Oil, 90' ϕ mud 20% oil cut. no water, Howco Hydro. in 4800# out 4700# Flow Pressure 1500# to 700# 1/4 hr. BUP 2000# Amerada Hydro. in 4770# out 4770# Flow press. 1520#, to 1020#, 1/4 hr. BUP 2140#
- 3-19-49 DST. #17 From 9878' to 9890' Packers set at 9870' & 9878' w/3/8" Bottom & 1" Top Choke, Perforations 9879' to 9884' w/1500' Water Blanket. Tool open at 9:39 P.M. Gas up in 50 Mins. not enough to measure. Tool closed at 5:30 A.M. good blow air for 1st. 2 hrs. decreased to faint blow for remainder of test. Recovered 1500' water blanket, 1149' oil, 261' oil on bottom, 10% mud, no water. Howco Hydro in 4750#, out 4575# Initial flow press. 2250#, Final flow press. 2210#, 1/4 hr. BUP none.
- 3-20-49 DST #18. From 9890' to 9910' Packers set at 9882' & 9890' w/3/8" Bottom & 5/8" Top choke, Perforations 9891' to 9904' Tool open at 2:00 A.M. very small blow of air for 3 1/2 hrs. gas up in 3 1/2 hrs. Vol. too small to measure. Closed tool @ 6:00 A.M. Packer pulled loose @ 6:15 A.M. Recovered 1500' water blanket, 30' ϕ mud, no oil, no formation water, howco Hydro. in 4800#, out 4700#, Initial flow pressure 2450#, Final flow pressure 2000# No BUP, (Flow Pressures are incorrect) Amerada Hydro. in 4850#, out 4760# Initial flow 1700#, final flow 1700# (Flow pressures incorrect) no BUP.
- 3-21-49 DST #19. From 9909' to 9928' Packers set at 9901' & 9909' w/1500' water Blanket & 3/8" Bottom & 1" Top Choke, Perforations 9910' to 9923' Tool open at 11:28 P.M. Gas up in 17 mins. no oil to surface, gas vol. 226,000 cubic ft. per day. Tool closed at 3:28 A.M. Recovered 1500' water blanket skim of oil on top of blanket, 90' salt water. Hydro in 4900#, out 4700#, Min. Flow 1875#, Max flow 1950#, 1/4 hr. BUP 2600# Amerada Hydro. in 4850#, out 4790#, Min Flow 710# Max. flow 710# 1/4 Hr. BUP 2810'
- 3-23-49 DST #20. From 9928 to 9980' Packers set at 9920' & 9928' w/3/8" Bottom & 5/8" Top Choke. Perforations 9928' to 9929' & 9956' to 9976' w/1500' water blanket. Tool open at 8:27 P.M. gas up in 53 mins. no fluid to surface. Closed tool at 12:27 A.M. for 1/4 Hr. BUP. Recovered 1500' water blanket 360' ϕ mud 2% oil cut, 30' Salt water, no free oil, Howco Hydro. in 4850# out 4780#, Initial flow 1950# Final Flow 3200# (Incorrect) Amerada Hydro. in 4850# out 4780# Initial flow 710# Final flow 3340# (Incorrect) 1/4 Hr. BUP 3340#.
- 3-28-49 DST #21. From 9980' to 10030' Packers' set at 9972' & 9980' w/5/8" bottom & 1" Top Choke. Perforations 9981' to 9982' & ~~10007' to 10024'~~ w/1500' Water Blanket. Tool open at 5:18 P.M. faint blow of air for 4 hrs. no gas. tool closed at 9:18 P.M. for 1/4 hr. BUP, Recovered 1500' water blanket, 990' Salt water, 270' muddy salt water 90' ϕ mud, no oil or gas, Howco Hydro in 4900# out 4850# Flow press. 2700# (no good) 1/4 hr. BUP 0#, Amerada Hydro. in 4850# out 4780# Initial flow ~~760'~~ 760' Final flow 1410# 1/4 hr. BUP Failed.
- 3-27-49 DST #22 From 10067' to 10117' Packers set at 10059' & 10067' w/5/8" bottom & 1" Top Choke & 1500' Water Blanket. Tool open at 6:00 A.M. light blow of air, closed tool @ 10:00 A.M. for 1/4 hr. BUP. Recovered 1500' Water Blanket, 90' ϕ mud 5580' Salt water, no gas, or oil. Howco hydro in 4925# out 4800# Min. flow 650# Max. Flow 3150' 1/4 hr. BUP none. Amerada Hydro. in 4850# out 4860# Min. Flow 940# Max. flow 3190# 1/4 Hr. BUP None.
- 4-6-49 DST #23. From 7513' to 7601' Test Failed.
- 4-7-49 DST. #24. From 7513' to 7601' w/5/8" Bottom & 1" Top Choke. Packers set at 7513'. Perforations 7525' to 7530' & 7516' to 7545' Tool open at 8:00 A.M. Faint blow air to 10:00 A.M. Rigged up and pulled swab 2 times, no recovery, Packer pulled loose at 1:40 P.M. Recovered 34' ϕ mud, no oil, gas or water, Howco Hydro. in 3500# out 3500#, Flow pressure 0#, 1/4 Hr. BUP 0#

1. The purpose of this document is to provide a comprehensive overview of the project's objectives, scope, and timeline. It is intended for use by all project stakeholders, including the project manager, team members, and sponsors. The document will serve as a reference point for the project's progress and a guide for the team's actions.

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2. The project's primary objective is to develop a new software application that will streamline the company's internal processes and improve efficiency. The project is expected to be completed within a six-month timeframe, with a budget of \$500,000. The project manager will be responsible for overseeing the project's progress and ensuring that it is completed on time and within budget.

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3. The project's scope includes the development of a new software application, the implementation of the application, and the training of staff on the new system. The project will be managed by a project manager who will be responsible for coordinating the project's activities and ensuring that the project is completed on time and within budget. The project manager will also be responsible for reporting on the project's progress to the project sponsor.

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4. The project's timeline is as follows: The project will begin in January 2024 and will be completed by June 2024. The project will be divided into four phases: Phase 1: Requirements gathering and analysis (January - February 2024); Phase 2: Design and development (February - April 2024); Phase 3: Testing and implementation (April - May 2024); Phase 4: Training and support (May - June 2024).

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5. The project's budget is \$500,000. The budget is broken down as follows: Phase 1: \$100,000; Phase 2: \$200,000; Phase 3: \$150,000; Phase 4: \$50,000. The project manager will be responsible for ensuring that the project is completed within budget. The project manager will also be responsible for reporting on the project's progress to the project sponsor.

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6. The project's risks are as follows: Risk 1: The project may be delayed due to a lack of resources. Risk 2: The project may be delayed due to a lack of communication. Risk 3: The project may be delayed due to a lack of coordination. Risk 4: The project may be delayed due to a lack of support. Risk 5: The project may be delayed due to a lack of training.

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7. The project's conclusion is as follows: The project will be completed by June 2024. The project will be a success if it meets the project's objectives, scope, and timeline. The project manager will be responsible for ensuring that the project is completed on time and within budget. The project manager will also be responsible for reporting on the project's progress to the project sponsor.

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8. The project's appendix is as follows: Appendix 1: Project Charter. Appendix 2: Project Plan. Appendix 3: Project Budget. Appendix 4: Project Risks. Appendix 5: Project Conclusion. Appendix 6: Project Appendix.

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9. The project's footer is as follows: Project Name: New Software Application. Project Manager: [Name]. Project Sponsor: [Name].

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