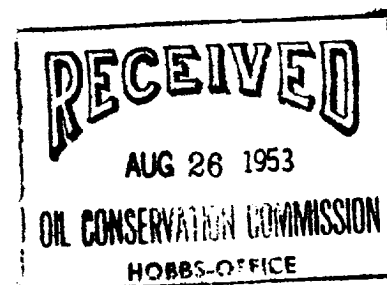


DUPLICATE



Attachment Form C-105

State EA-1

- DST #1: 4993 - 5039' (46' San Andres.). Tool open 2 hours thru 3/4" BC and 1" TC on 3 1/2" DS. Immed. weak air blow increasing to moderate blow after 15 min. NCTS. RECOVERED: 450' (3.34 bbls.) gas cut mud / 450' (3.34 bbls.) oil and water cut mud. (Water titrated 7000 ppm Cl⁻, pit mud 4000 ppm Cl⁻ / 450' (2.25 bbls.) oil cut muddy water / 90' (0.5 bbls.) salt water, which titrated 200,000 ppm Cl⁻. FBHP 50 - 750 psi, 30-min. SIBHP 1650 psi, HSH 2550 psi. Charts showed tool was partially plugged for first 10 min. of test. Positive Test.
- DST #2: 7530 - 7578' (48' Lower Yezo). Tool open 1/2 hour thru 3/4" BC and 1" TC on 3 1/2" DS. Immediate very weak air blow which began dying in 4 min., died in 7. After total 15 min. attempted to by-pass packers twice - had no blow, mud level did not drop. Dropped second bar and had instantaneous very weak blow. NCTS. RECOVERED: 60' (0.3 bbls.) drilling mud with no shows. Filtrate titrated 105,000 ppm Cl⁻. Pit mud filtrate titrated 105,000 ppm Cl⁻. FBHP 0 psi, 30-min. SIBHP 3700 psi, HSH 4000 psi. Charts indicated packers were successfully by-passed. Positive Test.
- DST #3: 9895 - 9977' (82' Missouri). Tool open 45 min. thru 5/8" BC and 1" TC on 3 1/2" DS. Immediate strong air blow decreasing after 20 min. Moderate blow at end of test period. NCTS. RECOVERED: 720' (5.3 bbls.) oil gas cut mud and muddy water plus 3960' (29.3 bbls.) oil gas cut salty sulfur water titrating 90,000 ppm Cl⁻. FBHP 525 - 2750 psi, 30-min. SIBHP 3700 psi, HSH 5350 psi. Positive Test.
- DST #4: 11,844 - 11,862' (18' Devonian). Tool open 2 hours thru 5/8" BC and 1" TC on 3 1/2" DS. Immediate good air blow decreasing to weak in 30 min. and lasting throughout test. RECOVERED: 8370' (61 bbls.) salty sulfur water (titrates 63,000 ppm Cl⁻. Pit mud titrates 110,000 ppm Cl⁻). FBHP 285 - 3780 psi, 30-min. SIBHP 4760 psi, HSH 6130 psi. Positive Test.

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