

AMERICAN REPUBLICS FEDERAL #1

- DST #1: Depth 4813'. Packer set at 4772'. Tool open 1 hr. 45 minutes. Fair blow of air diminishing to very weak in 1 3/4 hours. Recovered 5' drilling mud. FFBHP 62#. SIBHP 95#.
- DST #2: Depth 5194'. Packer set at 5151'. Tool open 1 hour. Very weak blow of air for 1 hour. Recovered 20' drilling mud and 130' sulphur water.
- DST #3: Depth 5290'. Packer set at 5262'. Tool open 1 hour 20 minutes. Good air blow to surface decreasing to zero. Recovered 80' drilling mud and 30' sulphur water.
- DST #4: Depth 5640'. Packer set at 5539'. Tool open 2 hours. Good blow of air diminishing to very weak in 2 hours. Recovered 150' slightly gas-cut drilling mud. FFBHP 0#. SIBHP 150#.
- DST #5: Depth 6391'. Packer set at 6350'. Tool open 2 hours. Good blow of air decreasing to weak in 2 hours. Recovered 90' gas-cut sulphur water and drilling mud and 780' gas-cut salty sulphur water. IFBHP 125#. FFBHP 425#. 15 minute SIBHP 2500#.
- DST #6: Depth 8250'. Packer set at 8224'. Tool open 1 hour 30 minutes. Strong blow of air to surface immediately. Gas to surface in 5 minutes. Increasing slowly throughout test to 600 MCF. Recovered 540' of sulphur water. IFBHP 0#. FFBHP 400#. 15 minute SIBHP 3625#.
- DST #7: Depth 8320'. Packer set at 8276'. Tool open 1 1/2 hours. Air to surface immediately, gas to surface in 5 minutes. Mud to surface in 7 minutes. Rate of flow at end of 15 minutes 16,000 MCF. Recovered 45' fluid, 50% distillate and 50% water. IFBHP 2700#. FFBHP 3025#. 30 - minute SIBHP 3575#.
- DST #8: Depth 8370'. Packer set at 8322'. Tool open 1 hour. Air to surface immediately. Gas to surface in 2 1/2 minutes. Fluid to surface in 5 minutes. Gas produced at rate of 15,000 MCF. Recovered 90' sulphur water-cut distillate. IFBHP 3400#. FFBHP 3600#. 20 minute SIBHP 3700#.
- DST #9: Depth 8461'. Packer set at 8371'. Tool open 1 1/2 hrs. GTS in 2 mins. Initial rate of flow 4500 MCF with 160# flowing drill pipe pressure. At end of 55 mins. rate of flow 4,000 MCF with 150# flowing drillpipe pressure. Gas completely dry. Recovered 160' drilling fluid cut 10% with distillate. IFBHP 650#. FFBHP 650#. 15 min. SIBHP 3525#.
- DST #10: Depth 8941'. Packer set at 8880'. Tool open 1 hr. Fair blow of air diminishing to weak blow in 1 hr. Recovered 25' of drilling fluid. IFBHP 0#. FFBHP 0#. 15 min. SIBHP 225#.
- DST #11: Depth 9030'. Packer set at 8982'. Tool open 1 1/2 hrs. Strong air blow decreasing to very weak blow in 40 mins. Weak blow of gas to the surface in 40 mins. remaining weak for 50 mins. Recovered 8390' of salty sulphur water. IFBHP 3200#. FFBHP 3700#. 15 min. SIBHP 3700#. Water analysis 83,000 parts per million chlorides.
- DST #12: Depth 9368'. Packers set at 9326' & 9320'. Tool open 1 1/2 hrs. Good blow of air decreasing to weak blow in 27 mins. GTS in 27 mins. Steady blow of air for 18 mins. Gas diminishing to 0 in 45 mins. Recovered 8717' of salty sulphur water (chlorides 53,000 PPM) IFBHP 1325#. FFBHP 3900#. 15 min. SIBHP 3900#.