

Perforated 7" casing (1) from 14,058' to 14,046' (2) from 14,034' to 14,020' and (3) from 13,988' to 13,968' on the 12-24-57. Acidized casing perforations from 14,058' to 14,046', 14,020' to 14,034' and 13,988' to 13,968' with 1000 gallons of 15% acid. Swabbed well down. Show of gas following swab. Would not take acid. Reversed acid out. Perforated 7" casing at 12,970'. Set retainer and pressured up on perforations. Unable to break down. Set Bridge Plug and perforated 7" casing at 12,825'. Set retainer and pressured up on perforations. Unable to break down. Acidized 7" casing perforations at 12,825' with 1000 gallons of mud acid. Set retainer and squeezed perforations with 50 sacks of cement. Reversed out 5 sacks on the 12-28-57. Drilled out retainer.

Perforated 7" casing from 12,909' to 12,916'. Swabbed down well. Acidized perforations from 12,909' to 12,916' with 1000 gallons of 20% acid. Well kicked off. Killed well and pulled tubing. Replaced 2" tubing string set at 12,923' with packer set at 12,850'. Test well on a 24 hour potential and the results were as follows: 48 barrels of distillate and 1,794 MCF of dry gas, GOR 37,375 on a 19/64" choke. Tubing pressure was 1681 pounds, casing-packer. Gravity was 47.8 at 60 degrees. This test was taken on the 1-20-58.

Perforated 7" casing (1) from 14,058' to 14,046' (2) from 14,034' to 14,020' and (3) from 13,988' to 13,988' on the 12-24-27. Acidized casing perforations from 14,058' to 14,046', 14,020' to 14,034' and 13,988' to 13,988' with 1000 gallons of 15% acid. Swapped well down. Would not take acid. Reversed acid one foot of gas following swap. Set retainer and pressured up on perforated 7" casing at 12,970'. Set Bridge Plug and perforated perforations. Unable to break down. Set retainer and pressured up on perforations. 7" casing at 12,825'. Set retainer and pressured up on perforations. Unable to break down. Acidized 7" casing perforations at 12,825' with 1000 gallons of mud acid. Set retainer and pressured perforations with 50 sacks of cement. Reversed out 5 sacks on the 12-26-27. Drilled out retainer.

Perforated 7" casing from 12,909' to 12,916' with 1000 gallons of 20% acid. Well kicked off. Killed well and pulled casing. Replaced 7" casing string set at 12,923' with packer set at 12,850'. Test well on a 24 hour potential and the results were as follows: 45 barrels of gas, 1,794 MCF of dry gas, GOR 27,375 on a 12/64" choke. Initial pressure was 1681 pounds, casing-pressure. Gravity was 47.6 at 60 degrees. This test was taken on the 1-20-28.