

BELL RAMSAY #5

Cleaned out w/sand pump to 3868'. Ran 2-3/8" tubing & Guiberson type "A" packer. Tubing set at 3862', packer set at 3854'. Removed Guiberson packer, ran Sweet Hydroseal rubber packer and set at 3854'. Acidized thru 2-3/8" tubing w/500 gallons 15% NE acid by Chemical Process. TP 250-0# CP 600#. Average injection rate 45 GPM. Flushed w/15 bbls water. Injection time 11 minutes, duration time 32 minutes. Swabbed 20 bbls acid water and 15 bbls load water in 4 hours. Swabbed 26 water, no oil in 22 hrs. Pulled tubing and ran Sweet AD-100 packer set at 3667'. Swabbed 5 bbls oil 86 bbls water in 22 hrs. Swabbed 12 bbls water no oil in 18 hrs. Acidized w/1000 gallons NE Acid by Chemical Process. TP 0# vacuum CP 475#. Chased w/15 bbls water. Injection time 17 minutes, duration time 34 minutes.

RESULTS: Swabbed 15 bbls load water, 22 bbls acid residue and 5 bbls formation water in 4 hours. Swabbed 21 bbls water no oil in 17 hrs. Reset packer at 3689'. Swabbed 65 water no oil in 7 hrs. Swabbed 162 bbls water no oil in 23 hrs.

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