

Savonburg Field  
Nelson, No. RW-13  
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November 11, 1997:

Moved in and rigged up pulling unit and pump truck. Ran 1" wash string with jet bit to 675' and shut down.

November 12, 1997:

Washed well from 675' to bottom of 726'. Recovered black scale and heavy black water.

Washed well clean and pulled was pipe up to 698'. Dropped ball and jetted perforations, 698'-671'. Used 20 barrels of wash water containing one-half gallon of ESA-50 and one gallon Paragold. Spotted 75 gallons 28% HCl acid at bottom of perforations. Acid contained two gallons ESA-91, one gallon ESA-96, and two quarts ESA-50. Pressured up and displaced acid with six barrels field salt water. Shut well in overnight.

November 13, 1997:

Pulled wash pipe and placed well back on injection.

November 14, 1997:

40 bbls. @ 520 PSI

November 15, 1997:

40 bbls. @ 520 PSI

November 16, 1997:

40 bbls. @ 520 PSI

November 17, 1997:

40 bbls. @ 520 PSI

November 18, 1997:

49 bbls. @ 540 PSI

November 19, 1997:

49 bbls. @ 540 PSI

April 13, 1998:

Shut well in; preparing for MIT.

April 14, 1998:

Using J & K, Inc., ran MIT; well passed.

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April 16, 1998:

Using coil tubing unit, acidized with 50 gallons 28% acid, one gallon Goldtreat, one gallon ESA-96, one quart ESA-91, one pint ESA-50. Left well shut-in overnight.

April 17, 1998:

Repeated above treatment.

April 18, 1998:

47 bbls. @ 560 PSI

April 19, 1998:

47 bbls. @ 560 PSI

April 20, 1998:

47 bbls. @ 560 PSI / Dist. 5/5/98

December 18, 1998:

Using Company coil tubing unit, spotted 50 gallons 28% acid, one gallon Goldtreat, one gallon ESA-96, one quart ESA-91 and one pint ESA-50 on perforations.

December 19, 1998:

Placed well back on injection.

December 21, 1998:

60 bbls. @ 590 PSI

December 22, 1998:

44 bbls. @ 520 PSI