

JAMES E. RUSSELL PETROLEUM, INC.

PROFILE MODIFICATION TREATMENT

LEASE: NELSON

WE: MP. HW-1

DATE OF JOB: 8-14-87

SURROUNDING PRODUCERS:

H-1, H-3, H-6, H-9

REASON FOR JOB:

To block channel and lower water cut at producers.

SIZE & TYPE OF JOB:

The PMT of HW-1 consisted of a 96 barrel polymer slug using Sodium Thiosulfate and Sodium Dicromate as cross linking reagents.

BEGINNING PRESS.: 430

ENDING PRESS.: 640

SURROUNDING PRODUCERS AVERAGE TEST 3 MO. BEFORE & AFTER

WELL NO.:	H-1		H-3		H-6		H-9	
	<u>OIL</u>	<u>WATER</u>	<u>OIL</u>	<u>WATER</u>	<u>OIL</u>	<u>WATER</u>	<u>OIL</u>	<u>WATER</u>
BEFORE:	<u>2.4</u>	<u>53.3</u>	<u>1.5</u>	<u>42.0</u>	<u>SI</u>	<u>SI</u>	<u>1.7</u>	<u>41.3</u>
AFTER:	<u>2.2</u>	<u>39.0</u>	<u>2.6</u>	<u>31.0</u>	<u>SI</u>	<u>SI</u>	<u>1.5</u>	<u>30.0</u>
CHANGE:	<u>-0.2</u>	<u>-14.3</u>	<u>+1.1</u>	<u>-11.0</u>	<u>SI</u>	<u>SI</u>	<u>-0.2</u>	<u>-11.3</u>

SHOW OF POLYMER:

No polymer has been detected at any surrounding producers.

REMARKS:

PMT done on HW-23 8-7-87