

JAMES E. RUSSELL PETROLEUM, INC.

PROFILE MODIFICATION TREATMENT

LEASE: Nelson

WE:: MP. HW-23

DATE OF JOB: 8-7-87

SURROUNDING PRODUCERS:

H-9, H-27, H-28, H-30

REASON FOR JOB:

To block channel and lower water cut at producers.

SIZE & TYPE OF JOB:

The PMT of HW-23 consisted of a 199 barrel polymer slug using Sodium Thiosulfate and Sodium Dicromate as cross linking reagents.

BEGINNING PRESS.: 230

ENDING PRESS.: 590

SURROUNDING PRODUCERS AVERAGE TEST 3 MO. BEFORE & AFTER

WELL NO.:	H-9	H-27	H-28	H-30
	<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>1.7</u> <u>41.3</u>	<u>Tr</u> <u>95.0</u>	<u>1.1</u> <u>95.0</u>	<u>9.3</u> <u>49.0</u>
AFTER:	<u>1.5</u> <u>30.0</u>	<u>1.5</u> <u>65.0</u>	<u>1.1</u> <u>35.0</u>	<u>7.5</u> <u>35.0</u>
CHANGE:	<u>-0.2</u> <u>-11.3</u>	<u>+1.5</u> <u>-30.0</u>	<u>0</u> <u>-60.0</u>	<u>-1.8</u> <u>-14.0</u>

SHOW OF POLYMER:

No polymer has been detected at any surrounding producers.

REMARKS:

PMT done on HW-18 8-18-87