

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

> RETEST #2 <

Operator <u>MARATHON OIL COMPANY</u>			Lease <u>W. S. MARSHALL B</u>			Well No. <u>10</u>		
Location of Well		Unit <u>M</u>	Sec. <u>27</u>	Twp <u>21S</u>	Rge <u>37E</u>	County <u>LEA</u>		
Name of Reservoir or Pool				Type of Prod. (Oil or Gas)	Method of Prod. Flow, Art Lift	Prod. Medium (Tbg. or Csg)		Choke Size
Upper Compl	<u>BLINERY</u>			<u>OIL</u>	<u>*PLG LIFT</u>	<u>TBG</u>		<u>—</u>
Lower Compl	<u>WANTZ ABO</u>			<u>GAS</u>	<u>FLOW</u>	<u>TBG</u>		<u>—</u>

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 3/8/93 - 10:40 AM

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>12 NOON - 3/9/93</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>380</u>	<u>890</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>NO</u>
Maximum pressure during test.....	<u>380</u>	<u>1000</u>
Minimum pressure during test.....	<u>20</u>	<u>890</u>
Pressure at conclusion of test.....	<u>20</u>	<u>1000</u>
Pressure change during test (Maximum minus Minimum).....	<u>360</u>	<u>110</u>
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>INCREASE</u>
Well closed at (hour, date): <u>3 PM - 3/10/93</u>	Total Time On Production <u>27 HOURS</u>	
Oil Production During Test: <u>1</u> bbls; Grav. <u>39</u>	Gas Production During Test <u>71</u> MCF; GOR <u>71,000</u>	
Remarks <u>* PLUNGER NOT IN OPER. F/ DURATION OF PKR. LEAK. TEST.</u>		

FLOW TEST NO. 2

Well opened at (hour, date): <u>2 PM - 3/11/93</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>340</u>	<u>1025</u>
Stabilized? (Yes or No).....	<u>NO</u>	<u>YES</u>
Maximum pressure during test.....	<u>350</u>	<u>1025</u>
Minimum pressure during test.....	<u>340</u>	<u>165</u>
Pressure at conclusion of test.....	<u>350</u>	<u>165</u>
Pressure change during test (Maximum minus Minimum).....	<u>10</u>	<u>860</u>
Was pressure change an increase or a decrease?.....	<u>INCREASE</u>	<u>DECREASE</u>
Well closed at (hour, date): <u>2:30 PM - 3/12/93</u>	Total time on Production <u>24.5 HOURS</u>	
Oil production During Test: <u>0</u> bbls; Grav. <u>—</u>	Gas Production During Test <u>125</u> MCF; GOR <u>—</u>	
Remarks <u>*</u>		

OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the information contained herein is true and completed to the best of my knowledge

MARATHON OIL COMPANY
Operator Mike Greenough
Signature MIKE GREENOUGH ENG. TECH
Printed Name 3/15/93 Title 505-393-7106
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved MAR 22 1993
By ORIGINAL SIGNATURE BY JERRY SEXTON
DISTRICT SUPERVISOR
Title