

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

INSTRUCTIONS ON REVERSE
SIDE

This form is not to be used for
reporting packer leakage tests in
Northwest New Mexico

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <u>MARATHON OIL COMPANY</u>		Lease <u>W.S. MARSHALL B</u>		Well No. <u>2</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>TUBB</u>	<u>GAS</u>	<u>FLOW</u>	<u>CSG.</u>	<u>—</u>
Lower Compl	<u>DRINKARD</u>	<u>GAS</u>	<u>FLOW</u>	<u>TBG</u>	<u>—</u>

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 1 PM - 4/19/93

Well opened at (hour, date): 10 AM - 4/20/93

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>290</u>	<u>465</u>
Stabilized? (Yes or No).....	<u>0</u>	<u>YES</u>
Maximum pressure during test.....	<u>480</u>	<u>465</u>
Minimum pressure during test.....	<u>290</u>	<u>25</u>
Pressure at conclusion of test.....	<u>480</u>	<u>25</u>
Pressure change during test (Maximum minus Minimum).....	<u>190</u>	<u>440</u>
Was pressure change an increase or a decrease?.....	<u>INCREASE</u>	<u>DECREASE</u>
Well closed at (hour, date): <u>8 PM - 4/21/93</u>	Total Time On Production <u>36 HOURS</u>	
Oil Production During Test: <u>0</u> bbls; Grav. <u>—</u>	Gas Production During Test <u>43</u>	MCF; GOR <u>—</u>
Remarks <u>—</u>		

FLOW TEST NO. 2

Well opened at (hour, date): 10 AM - 4/22/93

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>480</u>	<u>280</u>
Stabilized? (Yes or No).....	<u>NO</u>	<u>NO</u>
Maximum pressure during test.....	<u>480</u>	<u>375</u>
Minimum pressure during test.....	<u>55</u>	<u>280</u>
Pressure at conclusion of test.....	<u>55</u>	<u>375</u>
Pressure change during test (Maximum minus Minimum).....	<u>425</u>	<u>95</u>
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>INCREASE</u>
Well closed at (hour, date): <u>10 AM - 4/23/93</u>	Total time on Production <u>24 HOURS</u>	
Oil production During Test: <u>—</u> bbls; Grav. <u>—</u>	Gas Production During Test <u>50</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
Signature Mike Greenough
Printed Name MIKE GREENOUGH - ENG. TECH.
Date 5/3/93
Telephone No. 505-393-7106

OIL CONSERVATION DIVISION

MAY 07 1993

Date Approved —
By Paul Kautz
Title Geologist