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Appropriate Dist. Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Revised 1-1-89

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

OIL CONSERVATION DIVISION

INSTRUCTIONS ON REVERSE
SIDE

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

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

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 CO.</u>			Lease <u>MARK OWEN</u>			Well No. <u>2</u>		
Location of Well	Unit <u>M</u>	Sec. <u>35</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>BLINEBRY</u>		<u>GAS</u>	<u>FLOW</u>	<u>CSG.</u>	<u>—</u>		
Lower Compl	<u>DRINKARD</u>		<u>GAS</u>	<u>FLOW.</u>	<u>TBB.</u>	<u>—</u>		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 12 noon - 5/23/94

Well opened at (hour, date): 6 PM - 5/23/94

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>168</u>	<u>150</u>
Stabilized? (Yes or No).....	<u>NO</u>	<u>YES</u>
Maximum pressure during test.....	<u>168</u>	<u>155</u>
Minimum pressure during test.....	<u>63</u>	<u>150</u>
Pressure at conclusion of test.....	<u>63</u>	<u>155</u>
Pressure change during test (Maximum minus Minimum).....	<u>105</u>	<u>5</u>
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>INCREASE</u>
Well closed at (hour, date): <u>10 AM - 5/24/94</u>	Total Time On Production	<u>16 HOURS</u>
Oil Production During Test: <u>0</u> bbls; Grav. <u>—</u>	Gas Production During Test	<u>643</u> MCF; GOR <u>—</u>

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 10 AM - 5/24/94

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>63</u>	<u>155</u>
Stabilized? (Yes or No).....	<u>NO</u>	<u>YES</u>
Maximum pressure during test.....	<u>73</u>	<u>155</u>
Minimum pressure during test.....	<u>63</u>	<u>40</u>
Pressure at conclusion of test.....	<u>73</u>	<u>40</u>
Pressure change during test (Maximum minus Minimum).....	<u>10</u>	<u>115</u>
Was pressure change an increase or a decrease?.....	<u>INCREASE</u>	<u>DECREASE</u>
Well closed at (hour, date): <u>6 PM - 5/24/94</u>	Total time on Production	<u>8 HOURS</u>
Oil production During Test: <u>0</u> bbls; Grav. <u>—</u>	Gas Production During Test	<u>30</u> MCF; GOR <u>—</u>

Remarks _____

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 _____ Title _____

OIL CONSERVATION DIVISION

JUN 10 1994

Date Approved _____

By _____

Title _____

RECEIVED

JUN 09 1994

OFFICE