

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO ZONE SEGREGATION TEST

Operator <u>MARATHON OIL COMPANY</u>		Lease <u>MCCALLISTER STATE</u>		Well No. <u>7</u>	
Location of Well <u>N</u>	Unit <u>25</u>	Sec. <u>175</u>	Twp. <u>34E</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>N. VACUUM ABO</u>		<u>OIL</u>	<u>S-I</u>	<u>TUBING</u>	<u>40/64</u>
Middle Compl <u>VACUUM WOLF CAMP</u>		<u>OIL</u>	<u>G.L.(S.I)</u>	<u>TUBING</u>	<u>40/64</u>
Lower Compl <u>VACUUM UPPER PENN</u>		<u>OIL</u>	<u>FLOW</u>	<u>TUBING</u>	<u>40/64</u>

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:30AM 9-16-74

Well opened at (hour, date): <u>10:30AM 9-17-74</u>	Upper Compl	Middle Compl	Lower Compl
Indicate by (X) the zone producing	<u>X</u>	<u>X</u>	<u>X</u>
Pressure at beginning of test	<u>40</u>	<u>30</u>	<u>509</u>
Stabilized? (Yes or No)	<u>YES</u>	<u>YES</u>	<u>NO</u>
Maximum pressure during test	<u>40</u>	<u>30</u>	<u>560</u>
Minimum pressure during test	<u>40</u>	<u>25</u>	<u>509</u>
Pressure at conclusion of test	<u>40</u>	<u>25</u>	<u>560</u>
Pressure change during test (Maximum minus Minimum)	<u>0</u>	<u>5</u>	<u>51</u>
Was pressure change an increase or a decrease?	<u>NA</u>	<u>DECR</u>	<u>INCR</u>

Total Time On Production 5 HRS.

Well closed at (hour, date): 3:30 PM 9-17-74

Oil Production _____ Gas Production _____

During test: 0 bbls; Grav. _____; During Test _____ MCF; GOR _____

Remarks NO G.L. GAS WAS INJECTED. WELL DEAD
ALL PRESSURES DEAD WEIGHT GAUGE.

FLOW TEST NO. 2

Well opened at (hour, date): <u>9:00AM 9-18-74</u>	Upper Compl	Middle Compl	Lower Compl
Indicate by (X) the zone producing	<u>X</u>	<u>X</u>	<u>X</u>
Pressure at beginning of test	<u>40</u>	<u>25</u>	<u>707</u>
Stabilized? (Yes or No)	<u>YES</u>	<u>YES</u>	<u>NO</u>
Maximum pressure during test	<u>40</u>	<u>25</u>	<u>755</u>
Minimum pressure during test	<u>30</u>	<u>25</u>	<u>707</u>
Pressure at conclusion of test	<u>30</u>	<u>25</u>	<u>755</u>
Pressure change during test (Maximum minus Minimum)	<u>10</u>	<u>0</u>	<u>48</u>
Was pressure change an increase or a decrease?	<u>DECR</u>	<u>NA</u>	<u>INCR</u>

Total Time On Production 6 HRS 30 MIN.

Well closed at (hour, date): 3:30 PM 9-18-74

Oil Production _____ Gas Production _____

During Test: 0 bbls; Grav. _____; During Test _____ MCF; GOR _____

Remarks WELL DEAD.

FLOW TEST NO. 3

Well opened at (hour, date): <u>9:00AM 9-19-74</u>	Upper Compl	Middle Compl	Lower Compl
Indicate by (X) the zone producing	<u>X</u>	<u>X</u>	<u>X</u>
Pressure at beginning of test	<u>30</u>	<u>25</u>	<u>766</u>
Stabilized? (Yes or No)	<u>YES</u>	<u>YES</u>	<u>YES</u>
Maximum pressure during test	<u>30</u>	<u>25</u>	<u>766</u>
Minimum pressure during test	<u>30</u>	<u>25</u>	<u>45</u>
Pressure at conclusion of test	<u>30</u>	<u>25</u>	<u>45</u>
Pressure change during test (Maximum minus Minimum)	<u>0</u>	<u>0</u>	<u>721</u>
Was pressure change an increase or a decrease?	<u>NA</u>	<u>NA</u>	<u>DECR</u>

Total Time On Production 24 HRS.

Well closed at (hour, date): 9:00AM 9-20-74

Oil Production _____ Gas Production _____

During Test: 61 bbls; Grav. 42 During Test 183 MCF; GOR 3,000

Remarks TEST INDICATES THERE IS NO COMMUNICATION BETWEEN THE ABOVE ZONES.

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

Approved _____ 19 74
New Mexico Oil Conservation Commission
By Joe D. Ramsey
Title Director

Operator MARATHON OIL COMPANY
By William S. Smith
Title ENGINEERING TECHNICIAN
Date 9-24-74