

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <u>MARATHON OIL COMPANY</u>		Lease <u>M^CCALLISTER STATE</u>		Well No. <u>7</u>	
Location Unit	Sec. <u>25</u>	Twp. <u>17-S</u>	Rge. <u>34-E</u>	County <u>LEA</u>	
Well <u>N</u>	Type of Prod (Oil or Gas) <u>OIL</u>		Method of Prod Flow, Art Lift <u>S.T.</u>	Prod Medium (Tbg or Csg) <u>TUBING</u>	Choke Size <u>40/64</u>
Name of Reservoir or Pool					
Upper	<u>NORTH VACUUM ABO</u>		<u>OIL</u>	<u>S.T.</u>	<u>TUBING</u> <u>40/64</u>
Middle	<u>VACUUM WOLF CAMP</u>		<u>OIL</u>	<u>G.L.</u>	<u>TUBING</u> <u>40/64</u>
Lower	<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): 7:45 AM 9-15-75

Well opened at (hour, date): <u>7:45 AM 9-16-75</u>	Upper Compl	Middle Compl	Lower Compl
Indicate by (X) the zone producing		<u>X</u>	
Pressure at beginning of test	<u>69</u>	<u>595</u>	<u>301</u>
Stabilized? (Yes or No)	<u>YES</u>	<u>NO</u>	<u>NO</u>
Maximum pressure during test	<u>69</u>	<u>595</u>	<u>345</u>
Minimum pressure during test	<u>69</u>	<u>30</u>	<u>301</u>
Pressure at conclusion of test	<u>69</u>	<u>30</u>	<u>345</u>
Pressure change during test (Maximum minus Minimum)	<u>0</u>	<u>565</u>	<u>44</u>
Was pressure change an increase or a decrease?	<u>NA</u>	<u>DECR.</u>	<u>INCR</u>

Total Time On Production 9 HRS 15 MIN.

Well closed at (hour, date): 5:00 PM 9-16-75

Oil Production _____ Gas Production _____

During test: 0 bbls; Grav. —; During Test TSTM MCF; GOR —

Remarks NO GAS LIFT GAS WAS INJECTED. WELL WOULD NOT FLOW
ALL PRESSURES DEAD WEIGHT GAUGE

FLOW TEST NO. 2

Well opened at (hour, date): <u>8:00 AM 9-17-75</u>	Upper Compl	Middle Compl	Lower Compl
Indicate by (X) the zone producing	<u>X</u>		
Pressure at beginning of test	<u>69</u>	<u>30</u>	<u>397</u>
Stabilized? (Yes or No)	<u>YES</u>	<u>YES</u>	<u>NO</u>
Maximum pressure during test	<u>69</u>	<u>30</u>	<u>411</u>
Minimum pressure during test	<u>20</u>	<u>30</u>	<u>397</u>
Pressure at conclusion of test	<u>20</u>	<u>30</u>	<u>411</u>
Pressure change during test (Maximum minus Minimum)	<u>49</u>	<u>0</u>	<u>14</u>
Was pressure change an increase or a decrease?	<u>DECR.</u>	<u>NA</u>	<u>INCR</u>

Total Time On Production 7 HRS

Well closed at (hour, date): 3:00 PM 9-17-75

Oil Production _____ Gas Production _____

During Test: 0 bbls; Grav. — During Test TSTM MCF; GOR —

Remarks WELL DEAD

FLOW TEST NO. 3

Well opened at (hour, date): <u>8:00 AM 9-18-75</u>	Upper Compl	Middle Compl	Lower Compl
Indicate by (X) the zone producing			<u>X</u>
Pressure at beginning of test	<u>20</u>	<u>30</u>	<u>454</u>
Stabilized? (Yes or No)	<u>YES</u>	<u>YES</u>	<u>YES</u>
Maximum pressure during test	<u>20</u>	<u>30</u>	<u>454</u>
Minimum pressure during test	<u>20</u>	<u>30</u>	<u>40</u>
Pressure at conclusion of test	<u>20</u>	<u>30</u>	<u>40</u>
Pressure change during test (Maximum minus Minimum)	<u>0</u>	<u>0</u>	<u>414</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): 8:00 AM 9-19-75

Oil Production _____ Gas Production _____

During Test: 55 bbls; Grav. 42 During Test 151 MCF; GOR 2,745

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 _____
New Mexico Oil Conservation Commission
By John W. Rumpen
Title _____

Operator MARATHON OIL COMPANY
By Thurman A. Smith
Title ENGR. TECH
Date 10-9-75

WEDNESDAY
9-17-75
100N 2

TUESDAY
9-16-75
NOON

THUR
9-8-
NOON

