

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator	MARATHON OIL COMPANY			Lease	WARN STATE A/C 1		Well	No. 3			
Location	Unit	Sec.	Twp.	Rge.	County						
of Well	F	31	17S	35E	LEA						
Name of Reservoir or Pool			Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod Medium (Tub or Csg)	Choke Size					
Upper	NORTH VACUUM ABO			OIL	PUMP	TUBING					
Middle	VACUUM WOLFCAMP			OIL	PUMP	TUBING					
Lower	VACUUM UPPER PENN			OIL	FLOW	TUBING	40/64				

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM 8-29-77

Well opened at (hour, date): 9:00 AM 8-30-77	Upper Comp1	Middle Comp1	Lower Comp1
Indicate by (X) the zone producing	X		
Pressure at beginning of test	60	186	50
Stabilized? (Yes or No)	No	Yes	No
Maximum pressure during test	60	186	60
Minimum pressure during test	0	185	50
Pressure at conclusion of test	0	185	60
Pressure change during test (Maximum minus Minimum)	60	1	10
Was pressure change an increase or a decrease?	Decrease	Decrease	Increase

Well closed at (hour, date): 3:00PM 8-30-77 Total Time On Production 6 Hours

Oil Production Gas Production  
During test: 0 bbls; Grav. - ; During Test TSTM MCF; GOR -

Remarks PUMPING UNIT WAS NOT STARTED. METER WAS ZEROED BEFORE PRE-TEST SHUT-IN.

FLOW TEST NO. 2

Well opened at (hour, date): 9:00 AM 8-31-77	Upper Comp1	Middle Comp1	Lower Comp1
Indicate by (X) the zone producing		X	
Pressure at beginning of test	4	184	79
Stabilized? (Yes or No)	Yes	Yes	No
Maximum pressure during test	6	184	85
Minimum pressure during test	4	23	79
Pressure at conclusion of test	6	23	85
Pressure change during test (Maximum minus Minimum)	2	161	6
Was pressure change an increase or a decrease?	Increase	Decrease	Increase

Well closed at (hour, date) 3:00 PM 8-31-77 Total Time On Production 6 Hours

Oil Production Gas Production  
During Test: 0 bbls; Grav. - During Test TSTM MCF; GOR =

Remarks PUMPING UNIT WAS NOT STARTED.

FLOW TEST NO. 3

Well opened at (hour, date): 9:00 AM 9-1-77	Upper Comp1	Middle Comp1	Lower Comp1
Indicate by (X) the zone producing			X
Pressure at beginning of test	11	403	103
Stabilized? (Yes or No)	Yes	No	No
Maximum pressure during test	14	403	103
Minimum pressure during test	11	380	14
Pressure at conclusion of test	14	380	14
Pressure change during test (Maximum minus Minimum)	3	23	89
Was pressure change an increase or a decrease?	Increase	Decrease	Decrease

Well closed at (hour, date) 9:00 AM 9-2-77 Total Time On Production 24 Hours

Oil Production Gas Production  
During Test: 0 bbls; Grav. - During Test TSTM MCF; GOR -

Remarks WELL WAS DEAD PRIOR TO PACKER LEAKAGE SURVEY.

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

Approved \_\_\_\_\_  
New Mexico Oil Conservation Commission

Title \_\_\_\_\_  
Date \_\_\_\_\_  
Operator MARATHON OIL COMPANY  
By \_\_\_\_\_  
Title ENGINEERING TECHNICIAN  
Date September 7, 1977

~~CONFIDENTIAL~~

GROUP 127  
OIL CONSERVATION COMM.  
HOBBBS, R. M.