

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHERN NEW MEXICO PACKER LEAKAGE TEST

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

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM 9-22-75

Well opened at (hour, date): 9:00 AM 9-23-75

	Upper Compl	Middle Compl	Lower Compl
Indicate by (X) the zone producing	X		
Pressure at beginning of test	40	317	575
Stabilized? (Yes or No)	YES	YES	NO
Maximum pressure during test	40	317	596
Minimum pressure during test	30	317	575
Pressure at conclusion of test	30	317	596
Pressure change during test (Maximum minus Minimum)	10	0	21
Was pressure change an increase or a decrease?	DECR.	N.C.	INCR.

Well closed at (hour, date): 3:30 PM 9-23-75 Total Time On Production 6 1/2 HRS.

Oil Production _____ Gas Production _____

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

Remarks PUMPING UNIT WAS NOT STARTED. WELL DEAD ALL PRESSURES DEAD WEIGHT GAUGE.

FLOW TEST NO. 2

Well opened at (hour, date): 9:00 AM 9-24-75

	Upper Compl	Middle Compl	Lower Compl
Indicate by (X) the zone producing		X	
Pressure at beginning of test	42	316	630
Stabilized? (Yes or No)	NO	YES	NO
Maximum pressure during test	53	316	636
Minimum pressure during test	42	15	630
Pressure at conclusion of test	53	15	636
Pressure change during test (Maximum minus Minimum)	11	301	6
Was pressure change an increase or a decrease?	INCR.	DECR.	INCR.

Well closed at (hour, date): 3:00 PM 9-24-75 Total Time On Production 6 HRS.

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 9-25-75

	Upper Compl	Middle Compl	Lower Compl
Indicate by (X) the zone producing			X
Pressure at beginning of test	77	448	649
Stabilized? (Yes or No)	NO	NO	YES
Maximum pressure during test	98	448	649
Minimum pressure during test	77	439	25
Pressure at conclusion of test	98	439	25
Pressure change during test (Maximum minus Minimum)	21	9	624
Was pressure change an increase or a decrease?	INCR.	DECR.	DECR.

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

Oil Production _____ Gas Production _____

During Test: 63 bbls; Grav. 41.9 During Test 137 MCF; GOR 2,175

Remarks TEST RESULTS INDICATE THERE WERE NO COMMUNICATIONS BETWEEN THE ABOVE ZONES

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

Approved OCT 21 1975 TL
New Mexico Oil Conservation Commission
By John W. Runyan
Title ENGINEER TECHNICIAN
Date 10-7-75

Operator MARATHON OIL COMPANY
By Ralph Skinner Jr.