

SOUTHEAST NEW MEXICO PACKER LEAKAGE STUDY

Operator MARATHON OIL COMPANY				Lease VACUUM ABO UNIT BTRY. 3TR. 9 WINN STATE 163		Well No. 5	
Location of Well	Unit H	Sec 33	Twp 17S	Rge 35E	County LEA		
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	VACUUM GLORIETA		OIL	G. L.	TUBING	30/64	
Lower Compl	VACUUM ABO REEF		OIL	G. L.	TUBING	28/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00AM 9-11-72

Well opened at (hour, date): 10:00AM 9-12-72	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	190	120
Stabilized? (Yes or No).....	YES	YES
Maximum pressure during test.....	190	120
Minimum pressure during test.....	190	20
Pressure at conclusion of test.....	195	20
Pressure change during test (Maximum minus Minimum).....	5	100
Was pressure change an increase or a decrease?.....	INCR.	DECR.
Well closed at (hour, date): 5:00 PM 9-12-72	Total Time On Production 7 HRS.	
Oil Production	Gas Production	
During Test: — bbls; Grav. —	During Test TSTM	MCF; GOR — —
Remarks NO GAS LIFT GAS WAS INJECTED AND WELL DIED		

FLOW TEST NO. 2

Well opened at (hour, date): 9:00AM 9-13-72	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	200	50
Stabilized? (Yes or No).....	YES	YES
Maximum pressure during test.....	200	55
Minimum pressure during test.....	25	50
Pressure at conclusion of test.....	30	55
Pressure change during test (Maximum minus Minimum).....	175	5
Was pressure change an increase or a decrease?.....	DECR.	INCR.
Well closed at (hour, date) 1:00 PM 9-13-72	Total time on Production 4 HRS	
Oil Production	Gas Production	
During Test: — bbls; Grav. —	During Test TSTM	MCF; GOR — —
Remarks NO GAS LIFT GAS WAS INJECTED AND WELL DIED. TEST INDICATES THERE IS NO COMMUNICATION BETWEEN ZONES.		

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

Approved OCT 31 1972 19
New Mexico Oil Conservation Commission

Original Signed By
Joe D. Ramsey
District I, Supv.

Operator Marathon O.I. Co.
By [Signature]
Title Petroleum Eng.

RECEIVED

OCT 27 1972
OIL CONSERVATION COMM.
HOBEES, N. M.