STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

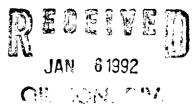
OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

This form is not to be used for reporting packer leakage tests in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Marathon Oil Company						any	Lease _	Well Lease Ohio "C" Government No. 4					
Location of Well:	Unit .	J	Sec.	26	_ Twp	. 28N	Rge	11W		Cou	ntyS	San Juan	
NAME OF RESERVOIR OR POOL						POOL	TYPE OF I		METHOD OF PROD. (Flow or Art. Lift)		ii.	PROD. MEDIUM (Tog. or Cag.)	
Upper Completion Farmington Sand						Gas	Gas		Disconnected		Casing		
Completion Pictured Cliffs							Gas	Gas		Flow		Tubing	
PRE-FLOW SHUT-IN PRESSURE DATA													
Upper	Hour, d	ale shu	1-in	i		Length of time shu	ıt-In	SI press, psig			Stabilized? (Yes or No)		
Completion 11-10-					5 days		512			Yes			
Lower	ower			Length of time shu	ot-in	Si press. paig			Stabilized? (Yes or No)				
Completion	94-11-10-91 3 days 161 Yes					ies							
							FLOW TEST						
Consequenced at (hour, date) * PRESSURE							tilde.	Zone pro	ne producing (Upper or Lower):			, i	
TIME (hour, date)			LAPSED TIME SINCE#		Upt	per Completion	Lower Completion	PROD. ZONE TEMP.		REMARKS			
11-10-91								Both		Both zo	zones shut-in		
11-11-91						512 156				Both zones shut-in			
11-12-91						512	159	159		Both zones shut-in			
11-13-91						512	161	L		Both zones shut-in			
11-14-91					_	512	158		Flowing lo		lower	ower zone	
11-15-91				512 158		Flowin		Flowing	g lower zone				
Production	on fat	e dur	ing tes	s St	atic	- 8.0, D	oiff 0.0,	Orific	ce - 0.	.625", St	atic S	pring - 250#	
Oil:BOPD based onBbls. inHoursGravGOR													
Gas: MCFPD; Tested thru (Orifice or Meter):													
MID-TEST SHUT-IN PRESSURE DATA													
					ength of time shu		Ţ	Si presa, psig		Stabilized? (Yes or No)			
Lower Completion					Length of time shul-in		St press. paig		Stabilized? (Yes or No)				
	·										·		



FLOW TEST NO. 2

Commenced at (hour, da	ite)中中		Zone producing (Upper or Lower):						
TIME	LAPSED TIME	PRES	SURE	PROD. ZONE					
(hour, date)	SINCE **	Upper Completion	Lower Completion	TEMP.	REMARKS				
·									
· · · · · · · · · · · · · · · · · · ·									
	ļ								
Production rate of	luring test		<u>*</u>	·					
Oil:	ВОР	D based on	Bbls. ir	Hours	Grav GOR				
Gas: MCFPD: Tested thru (Orifice or Meter):									
Remarks:									
I hereby certify that the information herein contained is true and complete to the best of my knowledge.									
Approved JAN 06 1992 New Mexico Oil Conservation Division 19 Operator Marathon Oil Company Parathon Oil Company									
INEW MEXICO O	ii Conservation I	JIVISIOII	I	ByCa:	rl A. Bagwell A. Bossierc				
By	Signed by CHARL	ES GHOLSON	TideEn	deEngineering Technician					
Title DEPUTY	OIL & GAS INSPE	CTOR, DIST. #3		Date	3-92				

NORTHWEST NEW MEXICO PACKER LEAKINGE TEST INSTRUCTIONS

- 1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.
- At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
- 3 The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized, provided however, that they need not remain shut-in more than seven days.
- 4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued for seven days in the case of a gas well and for 24 hours in the case of an oil well. Note: if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall be three hours.
- 5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- 6 Flow Test'No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except

- that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.
- 7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hours tests: immediately prior to the beginning of each flow-period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 7-day tests: immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Azter District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).