STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT This form is not to be used for reporting packer leakage tests in Southeast New Mexico

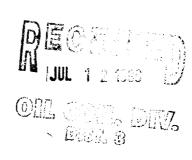
OIL CONSERVATION DIVISION

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NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator 1	MERIDIAN OIL INC.							ise _	VAUGHN				Well No.	24
Location of Well:	Unit	0	Sect.	27	Twp.	026N	r Rg	e. (00 6W	Cour	nty F	RIO ARRI	BA	
								DD. MEDIUM Tbg. or Csg.)						
Upper Completion	PICTURED CLIFFS							GAS		F	FLOW			ING
Lower Completion	CH	CHACRA						GAS			FLOW			ING
	<u> </u>		 -		PRE-FLO	w shu	UT-IN P	RESSU	RE DAT.	A				
Upper Completion	Hou	Hour, date shut-in Length of time shut-in					SI	SI press. psig			Stabilized? (Yes or N			
Lower Completion		5- 11	م (قو		in the	rs		300					-	
						FLO	W TEST	NO. 1						
Commenced a	at (hou	r,date)*	<u> </u>	-1.	- 416			Zone producing (Uppe			(Upper	or Lower)	است.	Wer
TIME (hour,date)		LAPSED TIME PRESSURE SINCE* Upper Completion Lower						. ZONE :MP	i		EMARKS	3		
6-3-90			hrs		145		30	0				Pen 1	ōr !	Flow
6-4416	6) ha		148		19	10						
6-5-96		144	hrs		150		18	180						
								-						
					-		•							
Production :	rate d	uring test									•			
Oil:		BOPI) based o	n	Bbl	s. <u>in</u>		_ Hour	S		_ Grav.	 	GO	R
Gas:				_ MC	FPD; Tested th	ru (Ori	rifice or N	Meter):						
					MIDTES	т сн	ם אובדון	RESSI	RE DAT	`A				
Upper Completion	MID-TEST SHUT-IN Hour, date shut-in Length of time shut-in						SI press. psig Stabilized? (1				Yes or No)		
Lower Completion	Hour, date shut-in Length of time shut-in				5	SI press. psig Stabilized? (Yes or No))			

(Continue on reverse side)



FLOW TEST \O. 2

Commenced at	(hour.date)**	/		Zone producing (Upper or Lower):					
TIME	LAPSED TIME	PRI	ESSURE	PROD. ZO!					
(hour,date)	SINCE**	Upper Completion	Lower Completion	темр.	REMARKS				
						_			
						_			
						_			
		<u> </u>				_			
Production ra	ate during test								
Oil:	BOPD base		Bbls. in		GravGOR	_			
Gas:		MCFPD; Te	sted thru (Orifice or	Meter):					
Remarks:									
I hereby cert	tify that the informat	ion herein containe	d is true and comple	te to the best o	of my knowledge.				
			40		MERIDIAN OIL, INC.				
Approved	J	UL 15 1996		Operator_					
	ico Oil Conservation			Ву	DOLORES DIAZ				
D.	Jehn	me Polus	1 ~ 4 & ~	Trial -	OPERATION ASSISTANT				
Ву				Title		_			
Title	Deply		ng: .p r	Date					

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A packer leakage test shall be commenced on each multiply completed well within seven days are actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be connected on all multiple completions within seven 0. vs following recompletion and/or chemical or frac-ture treatment, and whenever remedial work has beautiful one 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.
- 2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall not 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 if 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 tack of a pipeline connection the flow period shall be three hours.
- Following completion of flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- 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 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 gaz 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 Aztec District Office of the New Mexico Oil Conservation Division of 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).