STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

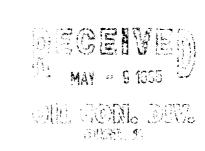
Page 1 Revised 10/01/78

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

_	MEDIDIAN OIL INC			Lanca	CANYON LARGE	n HMIT		Well No.	178		
Operator	MERIDIAN OIL INC.			Lease	CANTON LANG	J UNIT					
Location	Unit C Sec	ct 14 Twp.	25N	Rge.	6W	County		RIO ARRII	ЗА		
of Well:		RESERVOIR OR POOL		T	PE OF PROD.		DD OF PROD.		MEDIUM		
	MANUE	ALDER VOM ON 1 002		1	Oil or Gas)	l .	w or Art. Lift)	(Tbg. o	r Csg.)		
Upper -		-									
Completion	PICTURED CLIFFS	GAS		FLOW		1	BG				
Lower											
Completion	CHACRA				<u> </u>			FLOW TBG			
		PRE-	FLOW SHUT-	IN PRE	SSURE DATA						
L'pper	Hour, date shut-in	Length of time shut-in	SI press					s or No)			
Completion	3-20-95	5 DAY	rs	 	250						
Lower					010						
Completion	3-20-95	3 DAY		<u> </u>	210						
		22.05	FLOW TEST	NO. I	Zona producina	(Upper o	r Lower)	LOWER			
	LAPSED TIME	23.95	SURE		PROD. ZONE	(Upper or Lower)		LOWEN			
TIME	SINCE*	Upper Completion	Lower Compl	etion	TEMP	REMARKS					
(hour.date)	SINCE	Оррег сопірісної	Lower compr	- Lion	1.5	ļ					
21-Mar		100	100	<u> </u>		<u> </u>					
22-Mar		180	17	0							
23-Mar		250	21	0							
24-Mar		250	12	0							
		250	12	0							
25-Mar		230	12	<u> </u>							
Production	rate during test				<u> </u>						
Oil:	BOPD based o	on Bbls	. <u>in</u>	Hours	s	_Grav.		_GOR			
Gas:		MCFPD; Tested th	nru (Orifice or	Meter):					·-		
		MID	-TEST SHUT	-IN PRE	SSURE DATA	,					
Upper	Hour, date shut-in	Length of time shut-i	Length of time shut-in			SI pres. psig			Stabilized? (Yes or No)		
Completion Lower	Hour, date shut-in	Length of time shut-i	Length of time shut-in		SI press. psig			Stabilized? (Yes or No)			
Completion	<u> </u>										

(Continue on reverse side)



FLOW TEST NO 2

			: LOW TES	I NO					
Commenced a	t (hour.date)**			Zone producing (Upper or Lower):					
TIME LAPSED TIME		PRESSURE		PROD. ZONE					
(hour.date)	SINCE**	Upper Completion	Lower Completion	TEMP.	250				
			25 ver completion	I LIVIF.	REMARKS				
·		 							
		ļ <u>.</u>							
		1							
			-						
			 	 					
		ļ							
		ĺ							
Production ra	ate during test								
Oil:	BOPD based on		Rhis in	Loues	0				
Gas:		MCEPD: Ta	sted thru (Orifice or		GravGOR				
Remarks:				Meter):					
ivernatiks.									
I hereby cert	ify that the informati	on herein contained	l is true and complet	e to the best of my kn	nowledge.				
Approved			19	Operator	Meridian Oil Inc.				
				_ •	The state of the s				
New Mexi	co Oil Conservation	Division		D.,	Tanua Ataittu				
		2		Ву	Tanya Atcitty				
Ву									
D,				Title	Operations Associate				
Title				Date	4/18/95				

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- A packer leakage test shall be commenced on each multiply completed well within seven days after except that the previously produced zone shall remain shut-in while the zone which 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 days following recompletion and/or chemical or frac-ture 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.
- 2. 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 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 lack of a pipeline connection the flow period shall he 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

- 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 arter 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).