## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

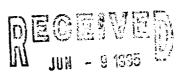
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This form is not to be used for reporting packer leakage tests in Southeast New Mexico

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

										Weil		
Operator	MERIDIAN OIL INC.					Lease	ALLISON			No.	13	
Location												
of Well:	Unit M	Sect	12	Twp.	32N	Rge.	Rge. 7W County			SAN JUAN		
	NAMI	OF RE	ESERVOIR O	R POOL		TY	PE OF PROD.	METHOD OF PROD.		PROD. MEDIUM		
		···					(Oil or Gas)	(Flo	w or Art. Lift)	(Tbg.	or Csg.)	
Upper												
Completion	MESAVERDE					GAS		FLOW			CSG	
Lower									!			
Completion	DAKOTA					GAS FLOW			FLOW	DW TBG		
PRE-FLOW SHUT-IN PRESSURE DATA												
Upper	Hour, date shut-in Length of time shut-in					SI press. psig Sta			Stabilized? (Yes	tabilized? (Yes or No)		
Completion	5-8-95 5 DAYS				'S	615						
Lower												
Completion	5- <b>8</b> -9 <b>5</b>			3 DAY	'S		511					
FLOW TEST NO. 1												
Commenced a	t (hour,date)*	5-11	-95				Zone producing (Upper or Lower) LOWER					
TIME	LAPSED TIME PRESSURE					PROD. ZONE						
(hour,date)	SINCE*		Upper Con	npletion	Lower Comple	tion	TEMP		REMAR	KS		
9-May			6	05	466	<u> </u>						
	1											
10-May			612 487			'						
11-May			615 511									
12-May			618 342			?		<u> </u>				
13-May			6	21	347	<u> </u>						
L	ļ. <u></u> .		<u> </u>					<u> </u>	<del></del>			
Production r	ate during test											
Oil:	BOPD bas	ed on		Bbls.	in	Hours.		Grav.		GOR		
Gas:			MCFPD; 7	rested the	ru (Orifice or N	Meter):						
MID-TEST SHUT-IN PRESSURE DATA												
Upper	Hour, date shut-in		Length of time shut-in			SI pres. psig			Stabilized? (Yes or No)			
Completion												
Lower	Hour, date shut-in		Length of tir	me shut-in		SI press	SI press. psig Str			Stabilized? (Yes or No)		
Completion	<u> </u>											

(Continue on reverse side)





FLOW TEST NO. 2

Commenced	at (hour.date)**			Zone producing (Upper or Lower):				
TIME	LAPSED TIME	PR	ESSURE	PROD. ZONE				
hour.date)	SINCE**	Upper Completion	Lower Completion	TEMP.	REMARKS			
i								
Production	rate during test							
Oil:	BOPD based on Bbls. in			Hours.	Grav GOR			
Gas:		MCFPD; T	ested thru (Orifice or	Meter):				
Remarks:								
		<u>-</u>						
I hereby ce	rtify that the inform	ation herein containe	ed is true and comple	te to the best of my	knowledge.			
	<del></del>							
Approved	_ John	ny Robinson	<u>~ 19</u>	Operator	Meridian Oil Inc.			
	"	9	- <b>,</b>					
New Mexico Oil Conservation Division JUN 1 2 1995				Ву	Тапуа Atcitty			
	1	M I % 1995						
By		·		Title	Operations Associate			
	DEPUTY	OIL & GAS INSPEC	CTOR					
Title	L		<b></b> i	Date	5/6/95			

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- . A pacter leakings test shall be occurrenced on each multiply competed well within seven days after except that the previously produces zone shall remain shas-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 enemical or fine-ture treatment, and whenever remedial work has been come on a well during which the pacter or the tubing have been disturbed. Tests small also be taken at any time that communication is suspected or when requested by the Division.
- 2. At least 72 hours prior  $\kappa$  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
- 3. The onotion leakage test shall commence when both zones of the dual completion are shat-in for pressure stabilization, both zones shall remain statem until the well-need pressure in each has stabilized, provided however, that they need not remain start-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 stat-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 lealange test, a gas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall. to three nours.
- 5. Following completion of flow Test No. 1, the well shall again be sixu-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 so 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 concrusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.
- 34-hour oil zone tests: ail 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-ou or an ou-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 filled with the Aziec District Office of the New Mexico Oil Conservation Division of Northwest New Mexico Pacizer 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).