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

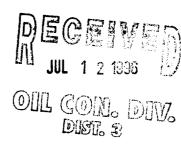
OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator 1	MERIDIAN OIL INC.							Lease	RI	RICHARDSON					Well No.		5
	Init G		Sect.	21	Twp.	031	N.	Rge.	01	.2₩	Coun	ty :	SAN	JUAN	ī		
	NAME OF RESERVOIR OR POOL							TYPE OF PROD METHOD OF PRO			PROD.	PROD. MEDIUM					
							(Oil or Oil) (Flow o			or Art.	Lift)	T)	bg. c	r Csg.)			
Upper Completion	MESAVERDE						GAS FLOW					TU	(NG	(45)			
Lower Completion	DAKOTA						GAS			F	FLOW			TUB	TUBING		
PRE-FLOW SHUT-IN PRESSURE DATA																	
Upper	Hour, date shut-in Length of time shut-in						SI press. psig Stabilized? (Y						(Yas or No)				
Completion	4-4-96				144			597 · 656			6	اؤلا			<u> </u>		
Lower Completion	4.4.96				The Hos			TUB- 651				VES					
FLOW TEST NO. 1																	
Commenced at	t (hour,date)* 4.8.96						Zone produ			roducing	icing (Upper or Liver)						
TIME	LAPSED TIME			L	PRESSURE			PROD. ZO			. ZONE	NE F					
(hour,date)	SINCE*			_	Upper Completion Lower C			ompletion TEMP		ЕМР	REMAI			<u>EMARKS</u>	RKS		
4.8.aL		96			U6-592	. 4	rub-	[18]	36	N	A	OPEN	RD	OK-	TOR	10	<u> </u>
4.9.96	į	20			ish. 595		Tub-	<u> 241)</u>	lw	_H	a	W	SIE	- 0	w - 11	المع	4
4.10-96	144				C46.597 Tub-2			37		LU MA			u 1				
		•						٠,		1		No	LEA	k !			
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								ï									
Production ra	te durin	g test										1					
Oil: BOPD based on Bbls. in Hours. Grav. GOR																	
Gas:				MCF	PD; Tested th	hru (C	Orifice o	r Meter):	.,						_	
MID-TEST SHUT-IN PRESSURE DATA																	
Upper Completion	Hour, date shut-in				Length of time shut-in			SI press. psig				Stabilized? (Yes or			(Yes or No)		
Lower Completion	Hour, date shut-in				Length of time shut-in			SI pres	SI press. psig Stabilized? (Yes			(Yes or No)					

(Continue on reverse side)



seeds in Figure 1915

FLOW TEST NO. 2

Commenced a	t (hour,date)**			Zone producing (Upper or Lower):						
TIME	LAPSED TIME	PRI	ESSURE	PROD. ZONI	E					
(hour,date)	SINCE**	Upper Completion	Lower Completion	TEMP.		REMARKS				
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				-						
				 						
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			İ							
		 	 			- 				
Production:	rate during test	1	<u> </u>							
1100000	ing thing that									
Oil:	BOPD base	ed on	Bbls. in	Hours.	Grav.	GOR				
Gas:			sted thru (Orifice or							
Remarks:										
I hereby cer	rtify that the informa	tion herein containe	d is true and comple	te to the best of	my knowledge.					
				ř.	MEDIDIAN OIL	TMC				
Approved				Operator	MERIDIAN UIL, INC.					
	<u> </u>	- •			DOLORES DIAZ					
New Mex	tico Oil Conservation			В.	DODORES DIAZ					
	Jehns	no feetun	1215~		OPERATION ASS	SISTANT				
Ву		ng Robin		Title						
Tial.	Deputy	فالمراج فالكلام بالكا	, actor	Date						
Title				Date						

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 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 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
- 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 abut-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 be three hours.
- 5. 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).