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

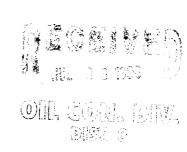
## **OIL CONSERVATION DIVISION**

Page 1 Revised 10/01/78

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

·	ERIDIAN OIL INC.		1	Lease I	EID B				Well No.	001E			
Location of Well: U	Init I Sect. 31	Twp. 02	<b>9N</b>	Rge. C	10W	County	SZ	MAUT MA					
	NAME OF RESER	TYPE OF PROD. METHO		THOD	OF PROD.	F PROD. PROD. MEDIUM							
				(Oil	or Gas)	(Flow or Art. Lift)		Art. Lift)	(Tbg. or Csg.)				
Upper Completion	CF-1CRA	GAS		FLO	FLOW		TUDING CSQ.						
Lower Completion	DAKOTA			GAS FLOW		W TUBIN		1G					
PRE-FLOW SHUT-IN PRESSURE DATA													
Upper	Hour, date shut-in	SI press. psig Stabilized? (Ye				s or No)							
Completion	10:006-7-96 5 Days			460									
Lower Completion	10'00 6-7-96 3 Days			152									
		(0 <sup>1</sup> ,00	OW TE	ST NO. 1	•								
Commenced at	(hour,date)* 6-16-96		Zone producing (Upper or Lower)				Lou	/cr					
TIME	LAPSED TIME PRESSURE				PROD. ZONE								
(hour,date)	SINCE*	Upper Completion	Lower Co	ompletion	TEM	P		REMARKS					
10'.00													
6-10-96	7245	443	ļ	52			0	oen f	orfi	'ow			
10'.00							•						
6-11-96	96 hrs	452	1	44									
10:00	1												
6-12-96	120 hrs	460	1	31									
Production ra	ate during test				<u> </u>								
Oil:	BOPD based on	Bbls. in	ı	Hour	š	G <sub>1</sub>	rav.		GOR				
				_			-						
Gas:	MC	FPD; Tested thru (	Orifice o	r Meter): _									
		MID-TEST S	HUT-IN	PRESSU	RE DATA								
Upper Completion	Hour, date shut-in	Length of time shut-	SI press. ps	SI press. psig Stab				lized? (Yes or No)					
Lower Completion	Hour, date shut-in	Length of time shut-	in	SI press. ps	ig			Stabilized? (Y	es or No)				

(Continue on reverse side)



FLOW TEST NO. 2

Commenced at	(hour.date)**			Zone producing (Upper or Lower):					
TIME	LAPSED TIME	PRI	ESSURE	PROD. ZONE	1				
(hour,date)	SINCE**	Upper Completion	Lower Completion	ТЕМР.	REMARKS				
_									
		•							
					<u> </u>				
			1						
Production r	rate during test								
Oil:	BOPD base	ed on	Bbls. in	Hours	GravGOR				
Gas:		MCFPD; Te	ested thru (Orifice or	Meter):					
Remarks:									
I hereby cer	tify that the informat	ion herein containe	d is true and comple	te to the best of my k	knowledge.	_			
					Wesdian	1.0			
Approved	11	11 0 3 1996	19	Operator	/ William	ace			
			_						
New Mexico Oil Conservation Division				Ву	DOLORES DIAZ				
	O. A.	ny Rober			OPERATIONS ASSIST				
Ву	garin	ny vocas	Table 1	Title	OPERATIONS ASSISTA	<u>NT</u>			
	Daput	∉Cil & Gas In	spector		1 200	/			
Title	<b>L</b> Uplacy			Date	18-78-7K	2			

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. 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
- 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 shus-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
- 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 sests: 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. It 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).