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

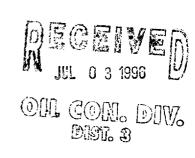
OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	MERIDIAN OIL INC.							Lease	NYE FEDERAL				Well No.	Well No. 001M	
Location of Well:	Unit	P	Sect.	20	Twp.	031	.и г	₹ge.	01	.2W	Cour	nty :	AUL NAS	4	
	<u> </u>	NAME OF RESERVOIR OR POOL						TYPE OF PROD.			ı	METHOD OF PROD.		. PRO	DD. MEDIUM
								(Oil or Gas)			(Flow or Art. Lift)		(1	Tbg. or Csg.)	
Upper Completion	DAI	DAKOTA						GAS		F	FLOW		TUB	ING	
Lower Completion	ME	MESAVERDE						GAS			F	FLOW		TUB	ING
					PRE-FLO	ow si	HUT-IN	PRES	SUR	E DAT	A				
Upper	Hour, date shut-in				Length of time shut-in			SI press. psig			Stabilized		d? (Yes or No)		
Completion	ي ا	5-31-99			72 1125			635							
Lower Completion	5	-3/-61		(25 - A)			/3 £ a								
						FLO	OW TES	ST NO	. 1						
Commenced	at (hour	,date)*	6-	3-96				Zone producing Opper				Opper	or Lower)		
TIME		LAPSED TIME SINCE*			PRESSURE			Completion		PROD. ZONE			***		
(hour,date)					Upper Completion Lower C					TE	TEMP		WER ZOWN T/A		
6.3-91		7) HAS		635		135	īυ		LOWER 23.					
				A	ا عدرسه	PRESS						1	• • • • • • • • • • • • • • • • • • • •		
6-4-96		96	HES		240 00000 p		/39	1350							
6-5-91		120 HAS			748 139			50							
			<u> </u>							-			-		
											•				
Production	rate di	uring test		J	.,,	·				!					
Oil:		_ BOPI) based o	n	Bt	ols. <u>in</u>		Н	ours.			_Grav.		GO	R
Gas:				_ MCFP	D; Tested t	thru (C	Orifice o	r Meter	:):					·	
					MID-TE	ST S	HIJT-IN	PRES	SUR	E DAT	A				
Upper Completion	Ho	Hour, date shut-in			Length of time shut-in			SI press. psig			-	Stabilized? (Yes or No)
Lower Completion	Hour, date shut-in				Length of time shut-in			SI press. psig				Stabilized? (Yes or No)			

(Continue on reverse side)



FLOW TEST NO. 2

Commenced at	(hour,date)**			Zone producing (Upper or Lower):						
ТІМЕ	LAPSED TIME	PRE	ESSURE	PROD. ZONE						
(hour,date)	SINCE**	SINCE** Upper Completion Lower Completic			REMARKS					
		•								
Production 1	rate during test									
Oil:	BOPD base	***************************************		_	Grav. GOR					
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	cnowledge.	1				
Approved		L 1 3 1996	19	Operator	/ William p	<i>لا</i>				
New Mex	tico Oil Conservation			By DOLORES DIAZ						
Ву	ged.	ng Aslan CON (402.10)	المالية	Title	OPERATIONS ASSISTANT					
Title	Transition	y Phá Gaile	rossitor	Date	6-28-96					

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. 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.
- 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 sest 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 be three hours.
- 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

- 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. In 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).