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

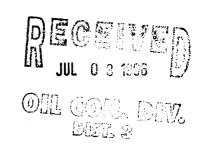
OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	MERIDIAN OIL INC.		Leas	e Si	AN JUAN	1 29-	7 UN	IT	Well No. 109M
Location	Unit J Sect. 30	Twp. 02	9N Rge.	00)7W	County	, F	lio ARRIB	<u> </u>
	NAME OF RESE	1	TYPE OF PROD. ME			ETHOL	THOD OF PROD. PROD. MEDI		
			(Oil or Gas) (Flow			Flow o	r Art. Lift)	(Tbg. or Csg.)	
Upper Completion	MESAVERDE			GAS			WO		TUBING
Lower Completion	DAKOTA		GA		GAS		FLOW		TUBING
		PRE-FLOW S	HUT-IN PR	ESSUR	E DATA				
Upper Completion	Hour, date shut-in - 3 - 96	Length of time shut-in		SI press. psig			Stabilized? (Y		s or No)
Lower Completion	5-3-96	3 Sau	6	272					
			OW TEST I	VO. 1					
Commenced	Commenced at (hour,date)* 5-4-94				Zone producing (U			r Lower)	
TIME	LAPSED TIME	PRES	SURE	SURE		ONE			
(hour,date)	SINCE*	Upper Completion	Lower Compl	etion	TEM	IP .		REN	MARKS
5-0-7	4 72	330	27	272		? []		11:	
6-7-91	96	338	22	D					
58-1	120	341	220	<u>ー</u> つ					
			1 1 1 1 1 1						
			:						
				•					
Production	rate during test	1	<u> </u>		1				
Oil:	BOPD based on	Bbls. <u>ir</u>	ı	Hours.			Grav		GOR
Gas:	M	CFPD; Tested thru (Orifice or M	eter): _	,	65	2		
		MID-TEST S	SHUT-IN PR	ESSUR	E DATA	<u> </u>	·		
Upper Completion	Hour, date shut-in Length of time shut-in		in SI	SI press. psig				Stabilized? (Yes or No)	
Lower Completion	Hour, date shut-in	hut-in Length of time shut-in			SI press. psig Stal				es or No)

(Continue on reverse side)



			FLOW TEST	NO. 2						
Commenced a	t (hour,date)**			Zone producing (Up	per or Lower):					
TIME	LAPSED TIME	PRESSURE		PROD. ZONE						
(hour,date)	SINCE**	Upper Completion	Lower Completion	ТЕМР.	REMARKS					
		*								
			Ì							
<u> </u>		<u> </u>	<u> </u>							
Production r	rate during test									
Oil:	BOPD base		_ Bbls. in	Hours	Grav GOR					
Gas:	<u> </u>	MCFPD; Tested thru (Orifice or Meter):								
Remarks:				·						
										
I hereby cer				te to the best of my k						
					Meridian jil					
Approved		HIII A 3 900	1 9	Operator	Maryan po					
			U							
New Mex	ico Oil Conservation		•	Ву	DOLORES DIAZ					
_	OA	may P. F.			OPERATIONS ASSISTANT					
Ву	Orhany Relinier		Title							
		r	راهار معارضا المراجع		1 78-01-					
Title				Date	0 20 70					
l A nacker le	rakane test shall be common		T NEW MEXICO PAC leted well within seven days	KER LEAKAGE TEST						
		ced on each multiply compl y thereafter as prescribed by			viously produced zone shall remain shut-in while the zone which it-in is produced.					

- 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 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
- 5. 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
- 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 10401 78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).