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

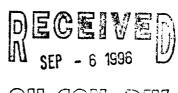
## **OIL CONSERVATION DIVISION**

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## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	MERIDIAN OI	Lease	ase JOHNS					No.	001A	_				
Location of Well:	Unit D	Sect.	19	Twp.	032N	Rge.	011W	Cou	nty :	BAN JU	MAL			-
	NA	ME OF RES	ERVOIR			<del></del>	OF PRO	<del>у</del>	METHO	D OF PRO	OD.	PROD	MEDIUM	7
						(0	il or Gas)		(Flow	r Art. Lif	ft)	(Tbg	, or Csg.)	
Upper Completion	PICTURED CLIFFS					GAS			FLOW			TUBING		
Lower Completion	MESAVERDE					GAS			FLOW			TUBING		
		-	I	RE-FLO	w shut-i	N PRESS	URE DA	TA						_
Upper Completion	Hour, date shut-in  6-7-96 /20 /+/5				SI press, paig 4 Stab			Stabiliza	tabilized? (Yes or No)			]		
Lower		0 1- 19	, , ,	<u> </u>	7413	<del>                                     </del>						┥		
Completion	6	-7-96		2 1	113	4	434							
					FLOW T	EST NO.	1							_
Commenced	at (hour,date)*	0-10	- 9	6			Zone	producing	g (Upper	or Lower)	Z	000	ER	]
TIME	LAPSED	TIME		PRESSURE			PROD. ZON		Σ					
(hour,date)	SING	E+	Uppe	Upper Completion Lower		Completion	T	TEMP		REN		MARKS		- Viahan oraca
6-10-96	72	Hrs	L	<i>†</i> 89	4	34			0	Open for flow			Higher press	
6-11-96	96	H15	4	191	3	3 47								peeds flowed
6-12-91	120	Hrs	L	194	1 3	29								for test.
						· <u>- } ·   -</u>								
														7
												- 1		-
Production	rate during test						L		<u> </u>				<del></del>	_
Oil:	BOPD	based on_		Bbls	s. <u>in</u>	Ноι	ırs		_ Grav.			_GOR _		
Gas:		1	MCFPD;	Tested the	ru (Orifice	or Meter):				<del></del>				
				MID-TES	т ѕнит-і	N PRESS	IRE DA'	ΓΑ						
Upper Completion	Hour, date shut-in	١,		MID-TEST SHUT- Length of time shut-in							Stabilized? (Yes or No)			
Lower Completion	Hour, date shut-in			Length of time shut-in		SI press.	SI press. psig			Stabilized? (Yes or No)			4	
										1				_

(Continue on reverse side)



OIL CON. DIV. DIST. 3

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

FLOW TEST NO. 2

Commercial			1.0011.123	<del></del>						
	at (hour,date)**	<del>-,</del>		Zone producing (Upper or Lower):						
TIME	LAPSED TIME	PR	ESSURE	PROD. ZONE						
(hour,date)	SINCE**	Upper Completion	Lower Completion	TEMP.	REMARKS					
					NO.					
ļ										
<del></del>		<del></del>	<del></del>	<del></del>						
				<del></del>						
Production	rate during test	<u> </u>	<u> </u>							
rioduction	rate during test									
0.1										
Oil:	BOPD base			Hours	Grav. GOR					
Gas:		MCFPD: Te	sted thru (Orifice or	Meter):						
Remarks:										
I hereby cer	tify that the informat	ion herein contained	is true and complete	e to the best of my k	nowledge					
	٨	Λ	and and complete	o to the best of my k	nowledge.					
Approved	γ		10	Operator SUS						
	- Heart	Character -	- 19	_ Operator	leagter Besones Inc					
Man Man	Deputy Oil & ico Oil Conservation	Gas Inspecto	nr	1	/ N-					
New Mex	ico Oil Conservation	Division -		By Let	are seas					
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TP:-1				•	0101					
Title				_ Date	76-96					
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## 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 test 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. 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).