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

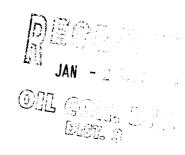
OIL CONSERVATION DIVISION

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NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	SOUTHLAND ROYALTY COMPANY			ease E	ST			Well No. 10	
Location of Well:	Unit E Sect. 26	5 Twp. 03	1N R	ge. 01	.2W	County	NAUL NAS		
	NAME OF RESERVOIR OR POOL			111211		HOD OF PROD.	PROD. MEDIUM (Tbg. or Csg.)		
Upper Completion	MESAVERDE			GAS FLOW		w 	TUBING		
Lower Completion	DAKOTA			GAS FLOW		W 	TUBING		
		PRE-FLOW S	SHUT-IN	PRESSUR	E DAT	Α			
Upper Completion	Hour, date shut-in $9-9-95$	Length of time shut-in 7 - Days		SI press. psig 537			Stabilized?	(Yes or No)	
Lower Completion	9-9-95	5-Days		737					
		FI	LOW TES	T NO. 1					
Commenced	at (hour,date)*				Zone producing (Upper or Lower)				
TIME	LAPSED TIME	PRE	PRESSURE		PROD	PROD. ZONE			
(hour,date)	SINCE*	Upper Completion	per Completion Lower Completion		TEMP		R	EMARKS	
9-11		536	736						
9-12		536	737						
9-13		537	737						
9-14		537	319						
9-15		537	305						
Production	rate during test								
Oil:	BOPD based on_	Bbls. <u>i</u>	n	Hours	•	0	Эгаv	GOR	
Gas: MCFPD; Tested thru (Orifice or Meter):									
		MID-TEST	SHUT-IN	PRESSUI	RE DAT	`A			
Upper Completion	Hour, date shut-in		Length of time shut-in		SI press. psig			? (Yes or No)	
Lower Completion	Hour, date shut-in	Length of time shu	it-in	SI press. psi	g 		Stabilized	? (Yes or No)	

(Continue on reverse side)



			FLOW TES	I NO. 2			
Commenced a	t (hour.date)**			Zone producing (U	pper or Lower):		
TIME	LAPSED TIME	PRESSURE		PROD. ZONE			
(hour,date)	SINCE**	Upper Completion	Lower Completion	ТЕМР.	REMARKS		
				 	Kellanka		
	<u> </u>				ļ		
Production r	rate during test						
Oil:	BOPD bas	ed on	Bbls. in	Hours.	Grav. GOR		
Gas:		MCFPD; Te	sted thru (Orifice or				
Remarks:							
I hereby cen	tify that the informa	tion herein contained	i is true and complete	e to the best of my l	cnowledge.		
			Mark Sec				
Approved	Johnny	- audiensen	19	Operator	Meridian Oil		
				- ·			
New Mexico Of Conservation Pivision 1996				Ву	Dolores Diaz		
	OAIN	T (1990)					
By			Tide Operations Associate				
	DEPUTY OIL	& GAS INSPEC					
Title			. 454	Date	12/29/95		

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A packer leakage sest 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 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 deadweight pressures as required above being taken on the gaz zone. be three hours.
- 5. Following completion of flow Test No. 1, the well shall again be shut-in, in accordance with
- 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 measuremen 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
- 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).