## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

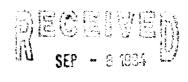
Page i Revised 10/01/78

This form is not to be used for reporting packer leakage tests in Southeast New Mexico

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

								Well		
Operator	SOUTHLAND ROYAL	TY CO		Lease	DUSENBERRY			No.	3E	
Location										
of Well:	Unit H Sec	. 1 Twp.	31N	Rge.	12W	County		SAN JUAN		
	NAME OF RESERVOIR OR POOL				TYPE OF PROD.		METHOD OF PROD.		PROD. MEDIUM	
				<u> </u>	Oil or Gas)	(Flo	w or Art. Lift)	(Tbg. or	Csg.)	
Upper				İ						
Completion	GALLUP				GAS		FLOW		3G	
Lower							51.0111			
Completion					GAS	<u> </u>	FLOW TBG		36	
		PRE-	FLOW SHUT	-IN PRE	SSURE DATA		Γ			
Upper	Hour, date shut-in	Length of time shut-in		SI press	ss. psig Sta		Stabilized? (Ye	abilized? (Yes or No)		
Completion	8-5-94	5 DAY	S			<u> </u>				
Lower				1						
Completion	8-5-94	5 DAY	<u>'S</u>	443			<u></u>			
			FLOW TEST	NO. 1					_	
Commenced a	at (hour,date)* 8-1	0-94			Zone producing	1	r Lower)	LOWER		
TIME	LAPSED TIME	PRES	SURE		PROD. ZONE					
(hour,date)	SINCE*	Upper Completion	Lower Comp	letion	TEMP	REMARKS				
						İ				
8-Aug		595	43	3	<b> </b>	.				
9-Aug	<u> </u>	595	440		<u> </u>	<del>-</del>				
					İ					
10-Aug		595	44	13		<del> </del>				
				_	1					
11-Aug		595	31	317		ļ				
12-Aug		595	30	)4		<del></del>				
1									•	
					<u> </u>					
Production	rate during test									
Oil:	BOPD based or	Bbls	. <u>in</u>	Hours	i	Grav.		_GOR _		
Gas:		MCFPD; Tested th	ıru (Orifice or	Meter):						
		MID	-TEST SHUT		SSURE DATA					
Upper	Hour, date shut-in	Length of time shut-in	of time shut-in		SI pres. psig		Stabilized? (Yes or No)			
Completion				-			<del></del>			
Lower	Hour, date shut-in	Length of time shut-it	n	SI pre	SI press. psig		Stabilized? (Yes or No)			
Completion				L						

(Continue on reverse side)



OIL CON. DIV.

FLOW TEST NO. 2

			100111201	110.2					
Commenced a	t (hour.date)**			Zone producing (	Zone producing (Upper or Lower):				
ПМЕ	LAPSED TIME	PRESSURE		PROD. ZONE					
(hour.date)	SINCE**	Upper Completion	Lower Completion	ТЕМР.	REMARKS				
				ļ					
				1					
			ļ						
Production :	rate during test	-L	-l						
	J								
Oil:	BOPD based on		Bbls. in	Hours.	Grav. GOR				
Gas:			sted thru (Orifice or						
Remarks:									
I hereby cer	tify that the informat	ion herein containe	i is true and complet	e to the best of my	v knowledge.				
•	•				,				
Approved	SEP - 8	1994	19	Operator	Southland Royalty Co.				
• •									
New Mex	tico Oil Conseration	Division a		Ву	TANYA ATCITTY				
			1	· —	PERATIONS ASSISTANT				
Ву	hanle	: Thole	ion	Title	DI FILMITO NOOIOTAINI				
•	1								
Title	CEPUTY OIL & G	AS INSPECTOR	NST ZO	Date					
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## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 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 potified
- 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. he 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

- 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 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
  - 8. The resuits 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).