STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

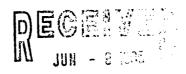
Page 1 Revised 10/01/78

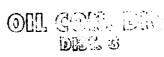
This form is not to be used for reporting packer leakage tests in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

								Well		
Operator	or SOUTHLAND ROYALTY CO.				JICARILLA 101			No	7	
Location	_		001	_	AND .	a .		DIO ADDIDA		
of Well:	Unit P Sect 12 Twp. 26N			Rge. 4W		County		RIO ARRIBA		
	NAME OF RESERVOIR OR POOL				TYPE OF PROD.		METHOD OF PROD.		PROD. MEDIUM	
					(Oil or Gas)		(Flow or Art. Lift)		(Tbg. or Csg.)	
Upper				1			r: ow		^	
Completion	MESAVERDE			GAS		FLOW		ТВ	<u>u</u>	
Lower				ł	0.4.0		FLOW		^	
Completion	DAKOTA							ТВ	<u>u</u>	
				T	SSURE DATA					
Upper	Hour, date shut-in Length of time shut-in			1			Stabilized? (Yes or No)			
Completion	5-5-95	95 7 DAYS		312						
Lower										
Completion	5-5-95	5 DAY		1	328					
			FLOW TEST	NO. 1				LOWER		
Commenced at (hour,date)* 5-10-95					Zone producing PROD. ZONE	ng (Upper or Lower) LOWER				
TIME	LAPSED TIME		SURE			ļ	D			
(hour,date)	SINCE*	Upper Completion	Lower Compl	letion	TEMP	ļ	REMAR	KS		
				•						
8-May		286	31	8	 	 				
9-May		286	328		 	 		_		
				•						
10-May		312	32	8		 				
		240								
11-May		318	26	·U		 				
			0.5							
12-May		320		5		 				
		<u>l</u>	<u> </u>		<u></u>	<u> </u>				
Production	rate during test									
		D. 1		TT		Georg		GOR		
Oil:	BOPD based on	Bois	. <u>in</u>	_ nours	·	_ Glav.		- ^{GOK} —		
_		MCEDD, T4-1-4	(Odeaa	Mator):						
Gas:		_MCFPD; Tested th	iru (Onlice or	Meter):						
		MID	TEST SHIPT	INI DD E	SSURE DATA					
r::		1					Stabilized? (Y	es or No)		
Upper	Hour, date shut-in	Length of time shut-i	Length of time shut-in		SI pres. psig			Stabilized? (Yes or No)		
Completion	TT I A	I amount of sime a live is		SI ====	e peig		Stabilized? (Ye			
Lower	Hour, date shut-in	Length of time shut-i	п	SI pres	e. hark		(1)	0. 110,		
Completion	i	1		1			1			

(Continue on reverse side)





FLOW TEST NO. 2 Commenced at (nour.date)** Zone producing (Upper or Lower): ПМЕ LAPSED TIME PRESSURE PROD. ZONE (hour.date) SINCE** Upper Completion Lower Completion TEMP. REMARKS Production rate during test BOPD based on Hours. Grav. GOR Bbls. in Gas: MCFPD; Tested thru (Orifice or Meter): Remarks: I hereby certify that the information herein contained is true and complete to the best of my knowledge. Approved Johnny Robinson Southland Royalty Co. Operator New Mexico Oil Con Tanya Atcitty Βv **Operations Associate** Title

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

Date

. A packer leakage lest 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 armsaily thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be connected on all multiple completions within seven days following recompetion 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.

DEPUTY OIL & GAS INSPECTOR

Title

- 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 learnest 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 ordered. Note: if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to ... ack of a pipeline connection the flow period shall he three hours.
- 5. Following competion 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

was previously shut-in is produced.

5/6/95

- 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 checized 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 implicate 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 zonce only).