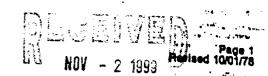
STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



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

OIL CONSERVATION DIVIDIO

packer leakage leets in Southeast New Mexico NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST COMO DIVIDIO								
Operator	ENE	ergen Re		Lease_		િક		
		Sec. <u>27</u>					Rio Acriba	
NAME OF RESERVOIR OR POOL			TYPE OF I	PROD.	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tog. or Ceg.)		
Upper Completion			:	GAS	7	FLow.	136,	
Lo wer Completion	Lower		GAS		Flow	Thg.		
				FLOW SHUT-IN I	PRESSURE DA			
Upper Completion	Lower Hour, date shut-in		ġ ·	Langth of time shut-in		CSG, 422	Stabilized? (Yes or No)	
Lower Completion			Length of time			6	Stabilized? (Yes or No.)	
			······································	FLOW TEST				
Considered at (hour, date)* TIME LAPSED TIME 160 / CSG PRESSU				RESSURE	Zone producing PROD. ZONE	PROD. ZONE REMARKS		
(hour.	, dete)	34 Kr. 50 min	Upper Completion	Lower Completion	TEMP.	Turn		
10-11-95 2;10 F 10-12	-99	99kc. 10 mire		8 174				
12',00		121 60	304/.48	8 148			·	
1				•				
		luring test						
Oil:		BOP	D based on	Bbls. i	л Но	ours G	Grav GOR	
G25:				(CFPD; Tested thr	u (Orifice or M	eter):		
		•	MID	-TEST SHUT-IN I		TA		
Upper Completion				s shut-in	SI press. psig		Stabilized? (Yee or No)	
Lower Hour, date shut-in Length of I			Length of time	of time shut-in SI press. p			Stabilized? (Yes or No)	

FLOW TEST NO. 2

TME	LAPSED TIME	PRESSURE		PROD. ZONE				
(hour, date)	SINCE ##	Upper Completion	Lower Completion	TEMP.	REMARKS			
_		_						
	·							
					:			
		·						
Production tate d	uring test							
Oil:BOPD based onBbls. inHoursGravGOR								
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 New Mexico Oi	I Conservation D	2 1999 Division	_19 C	Operator Resources				
ORia	inal sign. In by a	HARRET DESCRI	. B	By Land Yara				
ByTide	Y OIL & G+5 INSP	ECTOR, DIST. #5		Date 10-13-99				
			<u> </u>	Date	10.12.14			

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

 A packer leakage test shall be coramenced 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 commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remediat work has been done on a well during which the packer or the tubing have been distructed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.

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- 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 nabilization. Both zones shall remain shut-in until the well-head pressure in each has nabilized, 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 in 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.
- 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 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 conclusion of each flow period. 7-day tests: immediately prior to the beginning of each 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 gas zone.

8. The results of the above-described tests shall be filed in triplicate within 13 days after completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packet Leakage Test Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zooes only) and gravity and GOR (oil zones only).