## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

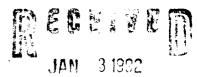
## OIL CONSERVATION DIVISION

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This form is not to be used for reporting packer leakage tests

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

	in Sou	lheest	New Mexico	•	NORTH	AEST ME	w mexico	I WORK-III					
erator					perative ociation		Le2se _	Can	dado		Well No.	23	
		В	Sec	9	Twp	26N	Rge	7H		County	Rio	Arriba	
					OIR OR POOL		TYPE OF			OD OF PROD. v or Art. Litt)		PROD, MEDIUM (Tbg. or Cag.)	
Jpper npletion		Chacra					Gas			Flow		Tbn	
ower ipletion		Mesaverde					Oil/Gas			Flow		Tba	
							V SHUT-IN		DATA	<del></del>			
Upper mpletion 11/27/91			Length			St press, pelg	84 press, pelg 340		bilized? (Yes or No) Yes				
			1 222	72 hrs					Stabilized? (Yes or No)				
ower ipletion	Hour, date shut-in 11/27/91			Length	72 hr		380			Yes			
			7.00	2.00	11/20/0	1	FLOW TEST		Classic	e lamente C	wer		
nimenced at (hour, date) * 7:00 am 11/30/91			PRESSURE			Zone producing (Upper or		LOWE!					
TIME LAPSED TIME (hour, date) SINCE*					Lower Completion		PROD. ZONE TEMP.		REMARKS				
7:00 11/3	a.n	•	0		340		380				•		
4:00 p.m. 11/30/91		1	Я		340	340					24	#63, 	
7:00 a.m. 12/01/91			24		340	340							
											·	Marie Section	
									"."		- W.JHJ		
ductio	n fat		ing test					•		•		_ 125	
·	.90			BOF	D based or	n <u>. 90</u>	Bbls.	in <u>24</u>	Hours	Grav	7. <u>49.</u>	$5$ GOR $\frac{135}{1}$	
:		1	33			_ MCFPI	); Tested the	ru (Orifice o	r Meter): _	Mete	er		
						MID-TES	T SHUT-IN	PRESSURE I	DATA				
pper ppetion Length			of time shut-in	•	Si press. peig				bilized? (Yes or No)				
pper									SI press, pelg			Stabilized? (Yes or No)	



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FLOW TEST NO. 2

PRESSURE

Zone producing (Upper or Lower): Under

(hour, date)	SINCE **	Upper Completion	Lower Completion	TEMP.	REMARKS
7:00 a.m. 12/04/91	0	340	380		
4:00 p.m. 12/04/91	8	130	380		
7:00 a.m. 12/05/91	24	190	390		
!	BOPI				Grav GOR
Remarks:	No leaks det	cected.			
				mplete to the best	of my knowledge.
Approved New Mexico Oil	Conservation D	ivision	_ 19 C	perator	NCRA
			В	y	My M.
ByOriginal Sig	med by CHARLES	GHOLDUN	Т	ide Pro	duction Manager
Title DEPUTY OR	& GAS INSPECT	OR, DIST. #3	D	ate	12-30-91

## 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 commenced on all multiple completions within seven days following recompletion and/or chemical or fracture 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.

Commenced at (hour, date) \*\*

- 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 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.
- 3. 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 15 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 zones only) and gravity and GOR (oil zones only).