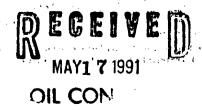
DRIFTED DESCRIPTION DE LE PROPERTIES DE LE PRESENTANTE DE LE PRESE

STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT This form is net to			200	OIL CONSERVATION DIVISION				
	be used packer k	for reporting eakage tests at New Mexico	•	IWEST NEW MEXICO PACKER-LEAKAGE TEST				
Operator	. L	.P. Moore		Lease	Fed E	Well	3 (CM)	
ocation			Twp. 27			County San	Juan	
A WCII.		Unit D Sec. 13 Twp. 27				METHOD OF PROD. (Flow or Art. LHI)	PROD. MEDIUM (Tbg. or Ceg.)	
Upper Completion	Chacra		,	Gas	F	Low	TBG	
Lower Completion	Mesa Verde		Gas	Gas Flow		TBG		
	How date	thur.in	I could of time she		RESSURE DATA	Stabilized?	(Yes or No)	
Upper Completion	05/06/91		3 Days		0 St press. palg	Stabilized?	yes Stabilized? (Yes or No)	
Completion		05/06/91	3 Days	· · · · · · · · · · · · · · · · · · ·	0	ye	S	
onimenced	d at (hour, da	ita) #		FLOW TEST	NO. 1 Zone producing (V)	oper or Lower):		
TIME LAPSED TIME			SURE	PROD. ZONE	NEM	REMARKS		
	, date)	SINCE*	Upper Completion	Lower Completion	TEMP.	Both Zones S	That is	
05/	07/91	l Day	0	0				
05/	08/91	2 Day	0	0		Both Zones S	Shut in	
05/	09/91	3 Day	0	0		Both Zones Shut in		
05/	10/91	1 Hour	0	0		Lower Zone Flowing		
		2 Hour	0	0		Lower Zone F	lowing	
		3 Hour	0	0		Lower Zone F	Flowing	
Production	on rate d	luring test		•				
			D based on	Bbls. i	n Hour	s G12v	GOR	
						er):		
					RESSURE DATA	·	· · ·	
Upper Completion	Hour, date	shut-in	Length of time shi	ul-in	SI press. psig	Stabilized?	Stabilized? (Yes or No)	
Lower Completion	Hour, date	shut-in	Length of time sh	ut-in	Si prese, pelg	Stabilized?	Stabilized? (Yes or No)	

(Continue on reverse side)



FLOW TEST NO. 2

ommenced at thour, date	• • •	Zone producing (Upper or Lower):					
TIME	LAPSED TIME	PRESSURE		PROD. ZONE			
(hour, date)	SINCE ##	Upper Completion	Lower Completion	TEMP.	REMARKS		
			1	1			
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ereby certify tha	t the informatio	on herein containe		mplete to the best	t of my knowledge.		
New Mexico Oil	Conservation D	ivision	- 17 C	perator	1 1/		
1 2	2 .	11/1/11	В	y (bekin	- bhell		
- C. Fr.	, 65 5	theta-	Т	ide Fum	per .		
ie DEPUTY GIL	& GAS INSPECT	OR, DIST. #3		ate	' <u>-</u>		

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 fractions treatment, and whenever temedial 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 north the Division in writing of the exact tune 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 temain 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 tate 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.
- 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 rhecked at least twice, once at the beginning and once at the end of each test, with a dear-livelight 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 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).