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

Operator <u>NA</u>	lional Coop	Refinery	Issoc. Lease	CANdAdo	N	7cll 10. <u>24.†</u>	
Location of Well: Unit <u>£</u>	Sec	Twp26.	<u>/</u> Rge	7 W	County	Rio ARRIbit	
NAME OF RESERVOIR OR POOL Upper Completion C+EKO ChacRA Lower Completion Blanco MESAVEKEE			TYPE OF PR	OD. MI	ETHOD OF PROD. Flow or Art. LIII)	PROD. MEDIUM (Tbg. or Cag.)	
			B AS		Flow	Tbg	
			GAS.		Flow	769	
			OW SHUT-IN PR		Ciability	ed? (Yes or No)	
Hour, date sh		Length of time shu				NO	
Hour, date sh	Completion: 10-1-89 3 DA Hour, date shul-in Length of time shul-in			ys 52/ SI press. psig		Stabilized? (Yes or No)	
	Lower		AYS :	730		NO	
			FLOW TEST N	NO. 1	•		
Conmenced at (hour, date	11 10-4-8	9	120 1201	Zone producing (Upp	ser or Lowerts LOU	UER	
TIME	LAPSED TIME	PRESSURE		PROD. ZONE	REMARKS		
(hour, date)	SINCE*	Upper Completion	Lower Completion	TEMP.			
10-6-89	3 DAVS	520	383				
700		• .					
					1000		
					1 1		
					0.77	_8.1989	
					OIL CC	MI DIY	
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Production rate di	uring test	<u> </u>	<u>'</u>	A	<u> </u>		
			ni :-		Grav	GOR	
Oil:	ВОР						
G25:	326	МСР	PD; Tested thru	(Orifice or Meter): <u>Meta</u>	<u> </u>	
			EST SHUT-IN PF				
MID-1E3 Hour, date shul-in Length of time shul-i				SI press. paig	Stabiliz	ed? (Yes or No)	
Upper Cempletion	Upper				Biz Sili-	ed? (Yes or No)	
Lower Completion	I :		Length of time shut-in		Stability	201 (188 at 1.14)	

FLOW TEST NO. 2

Mucley Reports on Lowert

TIME (hour, date)	LAPSED TIME		PRESSURE		REMARKS	
	SINCE ##	Upper Completion	Lower Completion	TEMP.		
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duction rate	aning test		•	•		
	BOI	PD based on	Bbls. i	n Hours	s Grav GOR	
s:		мс	FPD: Tested thru	(Orifice or Mete	:r):	
marks:						
,	al a al a fufarma	ian basain sonsai	ned is true and s	omplete to the ho	est of my knowledge.	
icicby certify	CONTRACTOR OF THE CONTRACTOR O	ton netem concar	ned B dot mid c			
pproved			19	Operator	V. C. R. A	
New Mexico	Oil Conscivation	Division				
	A	·		By	and & Walter	
	aUA	91 H B			0	
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y						
y		SPECTOR, DIST. #3		.	10-15-89	

- 1. A packer leakage test shall be commenced on each multiply completed well within seven dars after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such term shall also be commenced on all multiple completions within seven days following recompletion and for chemical or fracture treatment, and whenever temedial work has been done on a well during which the packet of 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 parker leakage test, the operator shall neith 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 ten shall commence when both sones of the dual completion are shut in for pressure stabilization. Both somes shall remain shut in until the well-head pressure in each has riabilized, provided however, that they need not remain shut in more than seven days
- 4 For Flow Ten 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 ten 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 packet leakage test, a gas well is being flowed to the aumosphere due to the lack of a pipeline connection the flew period shall be three hours.
- 5. Tallioning completion of Flow Ten No. 1, the well shall again be shut in, in accordance with Paragraph 3 above.
- 6 Per Ten'No 2 shall be conducted even though no leak was indicated during Flow Ten No. 1. Pracedure for Plew Ten No. 2 is to be the same as for Flow Ten No. 1 except

- that the previously produced zone shall remain shut in while the zone which was previously shur-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 bourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 7-day terms: immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the mid-say 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 cherked at least twice, once at the beginning and once at the end of each text, with a deadweight pressure gauge. If a well is a gaz-nil or an nil-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 some.
- 8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the tent. Term shall be filed with the Atter 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 somes only) and gravity and GOR (oil somes only).