OIL CONSERVATION DIVISION

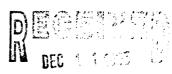
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This form is not to be used for reporting packer-leakage tests in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operato	r BLAC	KWOOD & N	ICHC	LS COMP	ANY_Lease_	NORTH	EAST I	BLANCO 1	UNIT	Well _No <u>58</u>	
Location of Well:		Sec. <u>13</u>	ľwp.	31N	Rge	<u>7</u> W		County	SAN	JUAN	
	NAME OF RESERVOIR OR POOL				TYPE OF PROD. (Oil or Gas)		METHCD OF PROD. (Flow or Art. Lift)			PROD. MEDIUM (Tog. or Csg.)	
Upper Completion	MESAVERDE				GAS		FLOW			CASING	
Lower Completion		DAKOTA		GAS		FLOW			TUBING		
	(Language and Language and Lang	• :-	PF		SHUT-IN PRE	SSURE D	ATA				
Upper Completion	Hour, date shut-in 9/12/95 11:00			Length of time shut-in 5 DAYS		SI press. psig 385		Stabilized? (Yes or No) YES			
Lower Completion	Hour, date shut-in 9/12/95 11:00			Length of time shut-in 5 DAYS		SI press. psig 1160		Stabilized? (Yes or No) YES			
				FL	OW TEST NO	D. 1					
Commenced at (hour, date)* 9/17/95 11:01					Zone producing (Upper or Lower)						
TIME (hour,date)		LAPSED TIME SINCE*	PRES:		SURE Lower Completion	⊣	PROD. ZONE TEMP,		REMARKS		
9/17/9	5 11:00	0 DAYS		385	1160	60			-		
9/18/95 11:00		1 DAY	390		1030	60	60				
9/19/95 11:00		2 DAYS	390		970	60					
											
	on rate du										
Oil: Gas:		BOP	D bas	sed on MCI	Bbls. in FPD: Tested th	ru (Orific	Hours .		METE	GOR	
			MI		HUT-IN PRESS			<u>-</u>	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	···	
Upper Completion	Hour, date shut-in Length						SI press. psig			Stabilized? (Yes or No)	
Lower Hour, date shut-in [Length of time shut-in		SI press. psig			Stabilized? (Yes or No)			
<u></u>						· · · · · · · · · · · · · · · · · · ·			·		

(Continue on reverse side)



ANTO SEED OF STATE

FLOW TEST NO. 2

Commenced at (hour, o	iate) * *		Zone producing (Upper or Lower):				
TIME	LAPSED TIME		SURE	PROD. ZONE TEMP.	REMARKS		
(hour, date)	\$INCE **	Upper Completion	Lower Completion				
•							
~~~~~	-						
					<u> </u>		
Production rate o	luring test						
Dil:	ВОРІ	D based on	Bbls. in	Hours.	Grav GOR		
ź <b>a</b> 5:		MCF	PD: Tested thru	(Ortice of Meter)	); . <u></u>		
lemarks:	····						
			·. <del>-</del> ··· <u>  </u>				
hereby certify th	hat the informatio	n herein containe	ed is true and con	inplete to the best	of my knowledge.		
Approved 9	chnny Rolins	een	19 0	perator E	Blackwood & Nichols Company		
New Mexico O	chnny Rolling Conservation Di	ivision	/	· ^	1 0		
	DEC 1 1 199	95	B	y	Kecler		
у			T	ide[	District Superintendent		
DE	PUTY OIL & GAS INS	SPECTOR			December 4, 1995		
iele Land			ת	are L	JECENNENT, 1880		

## 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 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.

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.
- 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 eas-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 petiod. 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 Azter 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).