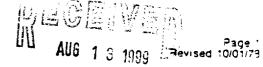
STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



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

Sampletion

NORTHWEST NEW MEXICO PACKER-LEAKAGE PER GOING DIVE

						i.	ાછાં. શુ	11		
Operato	r	CONOCO	INC	Lease _	STATE COM-	Q			(MD)	
Location	1	36 J Sec. <u>32</u>		Rgc	08	Cou	inty	SAN_JUAN_	·	
		NAME OF RESERVOIR OR POOL		TYPE OF 1	The state of the s	METHOD OF PROD. (Flow or Art. Lift)		PROD. MEDIUM (Tog. or Cag.)		
Upper Completion		MESA VERDE			GAS		FLOW		TBG.	
Lower Completion		DAKOTA		G	AS	FLOW		TBG.		
			PRE-FL	OW SHUT-IN F	RESSURE DATA					
Upper	Hour, date shut-in		Langth of time sh	Length of time shut-in		SI press. psig		Stabilized? (Yes or No)		
Completion		05-17-99 our, date shut-in Lengt		DAYS	138 St press, psig		NO Stabilized? (Yes or No)			
Lower Completion	1			DAYS	298	· .		NO		
	<u> </u>	, - , , - , - , - , - , - , - , - , - ,		FLOW TEST	NO 1					
Commences	s at (hour, dat	te) *	05 20 99	 	Zone producing (Up)	per or Lowert	 <u>-</u>	LOWER		
TIME		LAPSED TIME	PRES	SURE	PROD. ZONE		REMARKS			
(hour, date) SINCE*		Upper Completion	Lower Completion	TEMP.						
05-18-99		1-DAY	94	254		вотн	ZONES	SHUT IN		
05-19-99		2-DAYS	130	302		вотн	ZONES	SHUT IN		
05-2	0-99	3-DAYS	138	298		вотн	zones	SHUT IN		
05-21-99		1-DAY	164	229	<u></u>	LOWER	ZONE	FLOWING		
05-22-99		2-DAYS	170	217			····			
							- · · · · ·			
Producti	on rate di	uring test								
Oil:		3OP	D based on	Bbls. in	i Hours.		Grav	GOR _		
3as:			MCF	PD: Tested thru	(Orifice or Meter);				
			MID-TE	ST SHUT-IN P	RESSURE DATA					
Upper Completion	Hour, date s	nut-in	Langth of time shu	Stannized? Yes or No.						
Lower	mour, date shut-in Length of time shut-in				Si press, psig	Stadilized? 'Yes or Moi				

REMARKS

FLOW TEST NO. 2

Lower Completion

PRESSURE

Upper Completion

Zone producing (Upper or Lower:

PROD. ZONE

TEMP.

						
Production rate during test						
Oil:BOPD based on	Bbls. in Hours Grav GOR					
Gas: MCFPD: Tes	sted thru (Orifice or Meter):					
Remarks:						
I hereby certify that the information herein contained is tru	· · · · · · · · · · · · · · · · · · ·					
Approved AUG 1 3 1999 19	Operator Conoco Inc.					
New Mexico Oil Conservation Division	By O O On the					
ORIGINAL SIGNED BY CHARLIE T. PERMIN By	Title Field Prod. Supr.					
Title DEPUTY OIL & GAS INSPECTOR, DIST. #3	Date					

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer lexitage 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) ##

LAPSED TIME

SINCE **

TIME

(hour, date)

- 2. At least 72 hours prior to the commencement of any packer leakage test, the operator snall notify the Division in writing of the exact time the test is to be commenced. Offset operators snall 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.
- Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- 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 shur-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 nour 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 cripicate within 15 days after completion of the test. Tests shall be filed with the Agree 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 coil zones only).