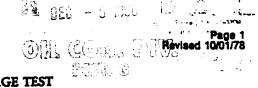
STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator		CONOCO	INC	Lease _:	Well Lesse SAN JUAN 28-7 UNIT No. 207 (PC					
Location of Well:	Unit	L_Sec. 21	wp27	Rge	<u> </u>	Cou	intyI	RIO ARRIBA		
	NAME OF RESERVOIR OR POOL			TYPE OF P (Oil or Q	900.	METHOD OF PROD. (Plow or Art. LIN)		PROD, MEDIUM (Tbg. or Cog.)		
Upper Completion				GAS		FLOW		TBG.		
Lower CHACRA				GAS		FLOW		TBG		
	<u> </u>		PRE-FLO	W SHUT-IN P	RESSURE DATA	۸				
Upper	Hour, date shut-in Length of t			ime shut-in \$1 press.		sea. paig		Stabilized? (Yes or No)		
Completion	10-03-96		3-DAY		Si press. psig	330	Stabilized?	NO bilized? (Yes or No)		
Lower Completion	10.03.06		1	Length of time shut-in 3-DAYS		90	NO			
				FLOW TEST	NO. 1					
Consmenced	d at thour, dat	o)* 1	0-06-96		Zone producing (l	Upper or Lowerk	UP	PPER		
TIME (nour, date)		LAPSED TIME SINCE®	PRES		PROD. ZONE		REMARKS			
			Upper Completion	Lower Completion	TEMP.					
10-0	4-96	1-DAY	315	90		BOTH	ZONES	SHUT IN		
10-0	5-96	2-DAYS	320	90		вотн	ZONES	SHUT-IN		
10-06-96		3-DAYS	330	90		вотн	BOTH ZONES SHUT-IN			
10-0	7-96	1-DAY	105	90		UPPE	R ZONE	FLOWING		
10-0	8-96	2-DAYS	93	90		UPPE	R ZONE	FLOWING		
	•									
Producti	ion rate d	uring test								
Oil:		BOP	D based on	Bbls. i	n Hou	us	Grav	GOR		
					u (Orifice or Me					
		•			PRESSURE DAT.					
Upper	Hour, date s	hut-in	- Length of time sh		SI press. pelg		Stabilized? (Yes or No)			
Completion	Hour, date s	shut-in	Length of time sh	Length of time shul-in		St press, peig		Stabilized? (Yes or No)		
Complette	n}				<u></u>			 		

(Continue on reverse side)

FLOW TEST NO. 2

Commenced at theur, d	ate) ##		Zone producing (Upper or Lower):				
TME	LAPSED TIME	Pressure		PROD. ZONE			
(hour, date)	SINCE **	Upper Completion	Lower Completion	TEMP.	REA	IARKS	
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	·	 					
•						•	
·	·		L ,		<u> </u>		
1				I			
<u> </u>	<u>i</u>	l			1		
Production rate d	luring test					-	
~				•			
Oil:	BOP	D based on	Bbls. in	Hours.	Grav	GOR	
Gas:		MCF	PD: Tested thru	(Orifice or Meter)):	-	
			. D. rested time	(Office of Meter)	<i>)</i> ·		
Remarks:		·					
							
I hereby certify th	nat the informatio	on herein contain	ed is true and cor	nulete to the best	t of my knowledge.		
	•						
Approved	DEC U D	1996		perator <u>CO</u>	NOCO INC		
New Mexico U	il Conservation D	MARSIOD	D.		RON BIS		
	Vanit C	مام	D				
Зу			Ti	tle			
Title	Deputy Oil & G	as In specto r					
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NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 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 disrutbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.
- 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 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 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 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 200es only) and gravity and GOR (oil 200es only).