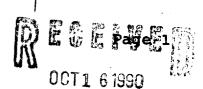
STATE OF NEW MEXICO GY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

OIL CON. DIV.

ator: AMOCO PRODUCTION COMPANY Lease/Well #:JIC AP 102 4

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tion of	Well: K04/26/04	Meter #:	228321	RTU	: 1-024-02	County: RIO ARRIE	3
NAME	RESERVOIR OR PO	OOL	TYPE	PROD	METHOD PRO	MEDIUM PROD	

	NAME RESERVOIR OR POOL		TYPE PROD	METHOD PROD	MEDIUM PROD
-	TAPACITO PICTURED CLIFF	233604	GAS	FLOW	CSG
_	BLANCO MESAVERDE	228321	GAS	FLOW	TBG
_					

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour/Date Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilzed
-	09/17/90	72 Hours		
_			359	yes
	09/17/90	72 Hours	527	ga

FLOW TEST DATE NO.1

enced at (hour,date)*					Zone Producing (Upr Lwr)		
TIME our, date)	LAPSED TIME SINCE*	PRESSURE Upper Lower		Prod Temp.	REMARKS		
09/17/90	Day 1	342	523	-	Both Zones SI		
9/18/90	Day 2	348	524		Both Zones SI		
9/19/90	Day 3	355	526		Both Zones SI		
9/20/90	Day 4	359	527	-	lower zone en		
9/21/90	Day 5	35%	381	-	in the same of the		
9/22/90	Day 6	357	270	-	y		
ction rate	during test		1	_			

______BOPD based on _____BBLs in ____ Hrs ____ Grav GOR ____

MFCPD: Tested theu (Orifice or Meter): METER

MID-TEST SHUT-IN PRESSURE DATA

Hour, Date SI	Length of Time SI	SI Press. PSIG	Stabilized (yes/no)

FLOW TEST NO. 2

Zone producing (Upper or Lowert

TIME		PRESSURE		PROD. ZONE	REMARKS	
(hour, date)		Upper Completion	Lower Completion	TEMP.		
						
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oduction rate	during test					•
	•	•	A**			
il:	BOI	PD based on	Bbls. is	ı Hours	Grav	GOR
		MCE	DD. Torral shor	Orifice or Meres	:):	.
as:		MCF	PD: Tested ditt	(Office of Meter		
emarks:					·	
			_			
hereby certify	that the informat	tion herein contain	ed is true and o	omplete to the be	st of my knowledge.	.1
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	Oil Consumian	Diminion				
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New Mexico				Dy	1 /	
New Mexico	Oil Conservation			Dy	le tel	
New Mexico (RLES GHOLSON		1:	1 /	

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 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.

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- 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 shur-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.
- 4 Flow TorriNo. 2 shall be conducted even though no leak was indicated during Flow

- that the previously produced zone shall remain shut-in while the zone which was previous-
- 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 gauge: 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 leadweight 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 Facker 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 (cal zones only).