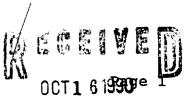
# STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT



## OIL CONSERVATION DIVISION

OIL CON. DIV.

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator: AMC	CO PRODUCTION	COMPANY	Lease/Well	#:MARTINEZ	GC G	1
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Location of Well: A242910 Meter #: 75333 RTU: 1-036-04 County: SAN
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	NAME RESERVOIR OR POOL		TYPE PROD	METHOD PROD	MEDIUM PROD
UPR COMP	BLANCO MESAVERDE	75334	GAS	FLOW	TBG
LWR COMP	BASIN DAKOTA	75333	GAS	FLOW	TBG

## PRE-FLOW SHUT-IN PRESSURE DATA

	Hour/Date Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilzed
UPR	08/13/90	72 Hours		
COMP	7:00 AM		277	2005
LWR	08/13/90	72 Hours		<del></del>
COMP	7:00 AM	DI OLI MINOME DI MINOME	773	425

FLOW TEST DATE NO.1

menced at (ho	our, date) * 7	00 AM.	8-13.90	Zone P	roducing (Upr)
TIME (hour, date)	LAPSED TIME SINCE*		SSURE Lower	Prod Temp.	REMARKS
08/13/90	Day 1	271	452		Both Zones SI
08/14/90	Day 2	274	461		Both Zones SI
08/15/90	Day 3	277	473		Both Zones SI
08/16/90	Day 4	277	473	60	flowed upper 3
08/17/90	Day 5	1/00	473	648	" I Plant
08/18/90	Day 6	120	473	104	Ч

oil:		BOPD based on $i$ BBLs in $24$ Hrs $53$ Grav GOR	_
Gas:	395	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/	1
Hour, Date St   Length Of Time St   St Press. PSIG   Stabilized (yes)	/no)
UPR 7:00 AM 72 hrs 277 405	

#### FLOW TEST NO. 2

TIME	LAPSED TIME			PROD. ZONE	REMARKS		
(hour, date)	SINCE **	Upper Completion	Lower Completion	TEMP.	HEMARKS		
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n 1	1 -1						
Production rate	aming test						
0.1	non.	D. 1					
Oii:	ВОР	D based on	Bbis. in	Hours.	Gav GOR		
C		VCE	DD 77 . 1 .	(O :5 )(			
Gas:		MCF	PD: Tested thru	(Orifice or Meter	):		
7					•		
Remarks:		<del></del>		<u></u>	<del> </del>		
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, ,	UUI 167	990		. ()	moco (Production Co.		
Approved	01.6		19 (		•		
New Mexico	Oil Conservation I	Division	·		allas		
		•		By	in the same of the		
By Original Signed by CHARLES GHOLSON  Title OEPUTY OIL & GAS INSPECTOR, DIST. 43  Date 9/11/90							
Ву	J , -10 Hit		T	itic			
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little VEPUI	I OIL & UAS INSPE	CTOR, DIST. #3	I	Date			

#### 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.

Commenced at (hour, date) 半本

- 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

- that the previously produced zone shall remain shut-in while the zone which was previously shut-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 15 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 theteon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).