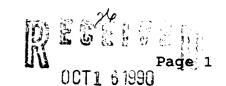


STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT



OIL CONSERVATION DIVISION

OIL CON. DIV.

NORTHWEST	NEW	MEXICO	PACKER-LEAKAGE	TEST
1.01(11111201	***	TILITIES	Incidit Dunianon	1101

Operator:	AMOCO	PRODUCTION	COMPANY	Lease/Well	#:OMLER	A	007E	
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Location of Well: 3628/10 Meter #: 484730 RTU: 0-000-00 County: SAN JUAN

	NAME	RESERVOIR OR	POOL	TYPE PROD	METHOD PROD	MEDIUM PROD
UPR COMP	OTERO	CHACRA	93880	GAS	FLOW	TBG
LWR COMP	BASIN	DAKOTA	484730	GAS	FLOW	TBG

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour/Date Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilzed
UPR	09/17/90	72 Hours		
COMP			376	used.
LWR COMP	09/17/90	72 Hours	24./	
		FION MESM DAME NO 1	334	yes

FLOW TEST DATE NO.1

our,date)*	Zone Pr	coducing (Upr/Lwr		
LAPSED TIME	PRE	SSURE	Prod	
SINCE*	Upper	Lower	Temp.	REMARKS
Day 1	164	329		Both 2 SI
Day 2	356	328		Both Zones SI
Day 3		329		Both Zones SI
Day 4	376	334		Could liver you
Day 5	321	/9/	0	318 MCF 4
Day 6	389	193		149 MCF +
	LAPSED TIME SINCE* Day 1 Day 2 Day 3 Day 4 Day 5	LAPSED TIME SINCE* Upper	LAPSED TIME SINCE* Upper Lower	LAPSED TIME SINCE* PRESSURE Upper Prod Temp. Day 1 164 329 Day 2 356 328 Day 3 368 329 Day 4 376 334 Day 5 381 191

Production rate during test

oil:	BOPD based on	_ BBLs in	Hrs	Grav	GOR
Gas:	MFCPD:Tested	theu (Orifi	ce or Meter):METER	
	MID-TEST SHUT	-IN PRESSURE	DATA		

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

nmenced at (hour, date) ** Zone producing (Upper or Lowert						
TIME	LAPSED TIME	PRE	SSURE	PROD. ZONE	REMA	
(hour, date)	SINCE ##	Upper Corr pietion	Lower Completion	TEMP.		
					.,	• .
 					•	
	-		.,			
	1				· 	المصاد المسادية المنظم الماد الماد الماد المنظم
					· · · · · · · · · · · · · · · · · · ·	
luction rate	during test			<u> </u>	1	
	BOI		Bbls. in		Grav	GOR
:		мс	FPD: Tested thru	(Orifice or Meter)):	
azrks:					••	

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Original Signed by CHARLES GHOLSON

DEPUTY OIL & GAS INSPECTOR, DIS 1. #3

Operator Just hod

By Adallas

Date 10/5/90

NORTH-WEST 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 distributed. 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. Frovided 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.
- Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- 5 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 bourly 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).