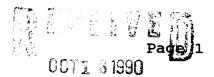
STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

UPR COMP



OIL CONSERVATION DIVISION

OIL CON. DIV.

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

-	tor: AMOCO				•			ty: RIO ARRI	
		RVOIR OR I		.ei #. 8000	TYPE PROD	METHOD		EDIUM PROD	
UPR COMP	OTERO CHAC	86681		GAS	FLOW		TBG		
LWR COMP	BLANCO MES	86682		GAS	FLOW		TBG		
	\$	PRI	E-FLOV	N SHUT-IN	PRESSURE DA	TA			
	Hour/Date Shut-In		Length of Time		e Shut-In	SI Pres	s. PSIG	Stabilzed	
UPR COMP	09/17/90		72 Hours		5	448		1/	
LWR COMP	09/17/90			72 Hours	s	61	/	1/	
	l			FLOW TEST	DATE NO.1	· · · · · · · · · · · · · · · · · · ·		-1	
Comme	nced at (ho	our,date)*				Zone	Produci	ng (Upr/Lwr)	
(ho	TIME ur, date)	LAPSED TIME SINCE*		PR: Upper	ESSURE Lower	Prod Temp	li .	REMARKS	
0	9/17/90	Day 1	L	448	610			Both Zones SI	
09/18/90		Day 2	2	448	611			th Zones SI	
09/19/90		Day 3	3	448	611		Bot	th Zones SI	
09/20/90		Day 4	1	448	611		Layloh	Hone on	
09/21/90		Day 5	5	448	613		7000	Ji,	
0	09/22/90 Day		i		612		4		
Produ	ction rate	during tes	st	I		I			
oil:_		BOPD B	oased	on	BBLs in	Hrs _	Gra	v GOR	
Gas:			MFCPI	D:Tested t	heu (Orific	ce or Met	er):METH	ER	
		ı	IID-TI	EST SHUT-I	N PRESSURE	DATA			
	Hour, Date	SI Leng	gth o	f Time SI	SI Press.	. PSIG	Stabilia	ed (yes/no)	

FLOW TEST NO. 2

	LAPSED TIME	PRESSURE		PROD. ZONE	nemarks		
TIME (hour, date)	SINCE **	Upper Completion	Lower Completion	TEMP.			
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oduction rate	during test				· -		
		•			c con		
l:	BOP	D based on	Bbls. in	Hours.	Grav GOR		
		VCT	70 T I -b	(Osifica on Moore)	\.		
ıs:		MCF	אר: Tested min	(Office of Meter)):		
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:marks:							
hereby certify	that the informat	ion herein contain	ed is true and co	omplete to the bes	t of my knowledge.		
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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.

ommenced at (hour, date) **

- 2. 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.

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- 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 thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).