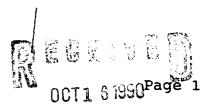
STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

COMP



OIL CONSERVATION DIVISION

OIL CON. DIV.)
(DIST. 3

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

<u> </u>	337000	DDADIIAMTAN	0011D3377	Lease/Well	4 - TTO	3.70	200	100
Operator:	AMOUGO	PRODICTION	COMPANY	Lease/Well	# 1 1 1 C	AP	102	1 (1 %)
ODCIGOCI.	111000	THODOCIACH			11			

Operat	tor: AMOCO	PRODUCTION	COMPANY I	Lease/Well #:J	IC AP 102	10E	
Locat:	ion of Well	: Kb4/26/04	Meter #:	85353 RT	U: 1-039-0	2 Count	y: RIO ARRIB
	NAME RESE	RVOIR OR P	OOL	TYPE PROD	METHOD P	ROD ME	DIUM PROD
UPR COMP	GALLUP	-15-2	85671	GAS	FLOW		CSG
LWR COMP	BASIN DAKO	79-2	85353	GAS	FLOW		TBG
	7	PRE	-FLOW SHUT-	-IN PRESSURE D	ATA		1
	Hour/Date	Shut-In	Length of	Time Shut-In	SI Press	. PSIG	Stabilzed
UPR COMP	09/17/90		72 F	lours	462	_	wal
LWR COMP	09/17/90		72 F	lours	849		yes
			FLOW 7	TEST DATE NO.1		· 1	
Comme	nced at (ho	our,date)*			Zone	Producir	g (Upr/Lwr)
(ho	TIME ur, date)	LAPSED T SINCE*	1	PRESSURE per Lower	Prod Temp.	RE	CMARKS
0	9/17/90	Day 1	46	1 849		Both	Zones SI
0	9/18/90	Day 2				Both	Zones SI
0	9/19/90	Day 3				Both	Zones SI
0	9/20/90	Day 4	462			Clowes	Vander Three
	9/21/90	Day 5		-	6	a	"
	9/22/90	Day 6		<u>798</u>		"	**
Produ	ction rate	during tes	t (
oil:_		BOPD b	ased on	BBLs in	Hrs	Grav	GOR
Gas:			MFCPD: Test	ed theu (Orifi	ce or Mete	r):METER	2
		M	ID-TEST SHO	UT-IN PRESSURE	DATA		
UDD	Hour, Date	SI Leng	th of Time	SI SI Press	. PSIG S	tabilize	ed (yes/no)

	-			
- FLO	w	TEST	NO.	

	LAPSED TIME	PRES	SURE !	PROD. ZONE	REMARKS	
	SINCE ##	Upper Completion	Lower Completion	TEMP.	. UEmeritie	
						
			! !		•	
	_	<u> </u>				
	1					
					: t	
<u></u>						
					Grav GOR	
as:	1.00		PD: Tested thru			
as:	1.00	MCF	PD: Tested thru			
as:		MCF	PD: Tested thru	(Orifice or Meter):	
as:	that the informat	MCF	PD: Tested thru	(Orifice or Meter	or of my knowledge.	
as:	that the informat	MCF	PD: Tested thru	(Orifice or Meter):	
as: emarks: hereby certify pproved	that the informat	MCF ion herein contain	PD: Tested thru	mplete to the best	or of my knowledge.	
emarks: hereby certify pproved New Mexico (that the informat	ion herein contain 1990 Division	PD: Tested thru	mplete to the best	or of my knowledge.	

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 disrurbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.
- 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 shur-in for pressure stabilization. Both zones shall remain shur-in until the well-head pressure in each has stabilized. Frovided however, that they need not remain shur-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.
- Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- 2 Mar Trackle 2 shall be medicated over though no look 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 thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).