

NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENTS 26

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC NM 87410 (506) 334-6178 FAX: (506) 334-6170 mnrd.state.nm.us/ocd/District III/3distric.htm

This form is not to be used for reporting packer leakage tests In Southeast New Mexico

Page 1 Revised 11/16/98

			NEW MEXIC	O PACKE	R-LEAKAGE TES	T	
Arr Operator 20	oco Productio O Amoco Ct. F	n Company armington N	MLease Nai	me F	dance e i	S Well No 10M	
Location of	Well:Unit Letter	<u>0</u> Sec	30_Twp_ <u>28</u>	<u>N</u> Rge <u></u> 8	<u> </u>	26558	
	NAME OF RESE	RVOIR OR POOL		F PROD. or Gas)	METHOD OF PROD. (Flow or Art, Lift)	PROD.MEDIUM (Tbg. or Csg.)	
Upper Completion	Blanco MV		GAS		FLOW	TBG	
Lower Completion	Basin	OK	GAS		FLOW	TBG	
		PRE	-FLOW SHUT-I	N PRESSUR	RE DATA		
Upper Completion	Hour, date shut-in 6 / 7 / 2000		Length of time 72 HOUI	RS	SI press. Psig	Stabilized? (Yes or No) YES	
Lower	Hour, date shut-in		Length of time		SI press. Psig	Stabilized? (Yes or No)	
Completion	6/7/00		72 HOUI		274	YES	
Commenced at	(hour, date)*				(Upper or Lower):		
TIME (hour,date)	LAPSED TIME SINCE*	PRES	SSURE	PROD. ZONI	IE REMARKS		
		Upper Completion	Lower Completion	TEMP.			
6/7	DAY 1	228	441	BOTH ZONES S		SHUT IN	
6/8	DAY 2 =	239	449		BOTH ZONES S		
6/9	DAY 3	246	456		BOTH ZONES S		
6/10	DAY 4	252	274			ZONE	
6/11	DAY 5	257	157		FLOW "	ZONE	
6/12	DAY 6	262	136		FLOW "	ZONE	
Production ra	ite during test						
Oil:	BOPD based on			nBbls. in		ravGOR	
Gas:		MCF	PD; Tested thru	(Orifice or M	eter):		
		MID	-TEST SHUT-IN	PRESSURF	E DATA		
Upper Completion	Hour, date shut-in		Length of time s		SI press psig	Stabilized? (Yes or No)	
Lower Completion	Hour, date shut⊸in		Length of time s	hut-in	SI press. psig	Stabilized? (Yes or Nn)	

(Continue on reverse side)

FLOW TEST NO. 2

Commence	at (hour, date)	···		Zone producing (Upper or Lowr):			
TIME (hour,date)	LAPSED TIME Since**	PRESS Upper Completion	URE Lower Completion	PROD. ZONE	REMARKS		
			· · · · · · · · · · · · · · · · · · ·				
			-				
							
	te during test	based onMCFP	Bbls. D:Tested thru (O	inHour	sGravGOR		
Remarks:							
				complete to the	bes of my knowledge.	_	
Approved Mexico Oil Con:	JUN 28	<u> 2000 </u>	_ Operator_	Amoco Produc	tion Company	New	
		NA MILE OF COLUMN	Ву	Sheri Bradsh	aw 83	_	
Зу	SIGNED BY CHAI	LE I. PERKIN	Title	Field Tech			
itle Caruty	DIL & GAS INSPEC	CTOR, DIST. #3		6/23/2000		_	

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.
- 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.
- 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 wellhead 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.
- Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test no. 2 is to be the same as for Flow Test No. 1 except

- 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 lifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement 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 date.
- 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 result's 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 11-16-98 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).