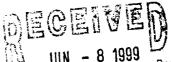
## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION



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

	This form in be used for in packer leaks Southeast N	AGETERA E	ON. DIV. Mi. 3							
Operator .		AMOCO PROD	UCTION COMPAN	IY Lease _	Lease Dryden LS Well 3					
Location of Well: Un	it <u>M</u>	Sec. <u>21</u>	Twp 28 1	Rge.	8 1	N: Cour	nty SAN JUAN			
	NAME OF RESERVOIR OR POO		DIR OR POOL	TYPE OF PI		METHOD OF PROD (Flow or Art. Lift)	PROD, MEDIUM (Tbg. or Cag.)			
Upper Completion	SP	Sianco	PC	GAS	GAS		FLOW TBG			
Lower Completion	Bianco MV			GAS	FLOW		TBG			
·			PRE-FL	OW SHUT-IN P	RESSURE DA	ГА				
	"   = /10 / 1000			angth of time shut-in 72 HOURS		6	Stabilized? (Yes or No.) YES			
Ho				Length of time shut-in 72 HOURS		\	Stabilized? (Yes or No) YES			
				FLOW TEST	NO. 1					
Conimenced at (hour, date)#			SSURE	-	producing (Upper or Lower):					
TIME (hour, de	te)	LAPSED TIME SINCE*	Upper Completion	Lower Completion	PROD. ZONE		REMARKS			
5/19/4	99	Day 1	142	247		BOTH ZO	DNES SHUT IN			
5/20/	99	Day 2	143	254		BOTH ZC	ONES SHUT IN			
5/21/	99	Day 3	147	261		BOTH ZO	DNES SHUT IN			
5/22/	99	Day 4	156	231		FLOW L	ower zone			
5/23/	99	Day 5	159	168		П	Р И			
5/24/	99	Day 6	161	164		11	и и			
Production	rate du	ring test								
Oil:		ВО	PD based on	Bbls. i	n H	Grav GOR				
Gas:			мс	FPD; Tested thr	ı (Orifice or M	leter):				
			MID-1	TEST SHUT-IN I	RESSURE DA	TA				
Upper Campletion	our, date shi	ut-in	- Length of time s	Length of time snut-in			Stabilized? (Yes or No)			
l	our, date sh	uliin	Length of time a	Length of time shut-in			Stabilized? (Yes or No)			

FLOW TEST NO. 2

Commenced at (hour, dat	e) * *		Zone producing (Upper or Lower):			
TIME	LAPSED TIME SINCE **	PRESSURE				
(hour, date)		Upper Completion	Lower Completion	PROD. ZONE TEMP.	REMARKS	
· · · · · · · · · · · · · · · · · · ·			***************************************			
-						
					-	
Production rate di	uing test				_	
Oil:	Bon			•		
O	BOPI	Dased on	Bbls. in	——— Hours.	Grav GOR	
G25:		MCF	PD: Tested thru	(Orifice or Merec	):	
n ,			and and	(Office of Meter)	·	
Remarks:						
The second secon						
				<del></del>		
I hereby certify th:	at the informatio	n herein containe	ed is true and co	mplete to the best	t of my knowledge.	
Approved	JUN 8	3 1999			or my anomicuse.	
New Mexico Oil	Consequation D		_ 19 C	perator Amo	co Production Company	
		4	Sho	Sheri Bradshaw 8		
	AL SIGNED BY CH	IARLIE T. PERRIN	y	ri bradsnaw B		
Ву	<del></del>	·	ide <u>Fie</u>	Field Tech		
Title	OIL & GAS INSPE	CTOR DIST #1				
<del></del>			D	ate	1-49	

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 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 distructed. 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, 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.
- 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 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).