## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

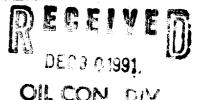
## **OIL CONSERVATION DIVISION**

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

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	MO	BIL PRODUCIN	G TX. & N.M.	INC. Lease	Jicarilla	D	We No.		
Location of Well:	UnitB	Sec247	wp. 26N	Rge	03W	Cou	nty <u>Ri</u>	o Aribba	
NAME OF RESERVOIR OR POOL		TYPE OF P (Oll or G	i i	METHOD OF PROD. (Flow or Art. LIII)		PROD. MEDIUM (Tbg. or Csg.)			
Upper Completion	Gav	Gavilan Pictured Cliff <sub>S</sub> Gas S. I.				TBG			
Completion Blanco Mesa Verde			de	Gas	s	s. I.		Cgs.	
			PRE-FLO	OW SHUT-IN P	RESSURE DATA	<u>.                                    </u>			
Upper	Hour, date s		Length of time shu		SI press. psig		Stabilized?	(Yes or No)	
	2-6-89 Hour, date shul-in			2 yrs.		1000# Si press. psig		Yes Stabilized? (Yes or No)	
Lower Completion	Lower		246 da	246 days		P/A		yes	
				FLOW TEST	NO. 1				
Consmenced	i at (hour, dei	(e) *			Zone producing (U	pper or Lowert: I	OWER		
_		LAPSED TIME SINCE*	PRES Upper Completion	SURE Lower Completion	PROD. ZONE		REMARKS		
12-13-91		5 min.	1000#	Ø		* **	1651 0 2 1 3 3		
12-13-91		10 min.	• 815#	Ø					
12-13-91		15 min.	640#	Ø					
12-13-91		20 min.	305#	Ø	1.19 <b>3.30/48</b>		COO I M TONE		
Production	on tate d	uring test							
Oil:		BOPI	) based on	Bbls. in	Hour	s G	612V	GOR	
G25:			MCF	PD; Tested thru	(Orifice or Mete	r): METER			
				EST SHUT-IN PI					
Upper Hour, date shul-in Length of time shul-i				SI press, psig		Stabilized? (Yes or No)			
			Length of time sho	Length of time shut-in		Si press. psig		Stabilized? (Yes or No)	



FLOW TEST NO. 2

Zone producing (Upper or Lower):

TIME	LAPSED TIME	PRESSURE		PROD. ZONE		
(hour, date)	SINCE **	Upper Completion	Lower Completion	ТЕМР.	REMARKS	
		·.··.		• • · · ·	Signal of the second of the se	
			! !	<b>†</b>	!	
	-					
	·				1 2	
roduction rate d	-					
Oil:	ВОР	D based on	Bbls. in	Hours.	Grav GOR	
Gas:		MCF	PD: Tested thru	(Orifice or Meter	):	
emarks:		· · · · · · · · · · · · · · · · · · ·		·		
hereby certify th	hat the informati	on herein containe	ed is true and coi	mplete to the bes	et of my knowledge.	
Approved	DEC 3 0 1	991			BIL EXP. & PROD. U.S. INC.	
New Mexico O	il Conservation 1	J1V1510 <b>n</b>	В	•		
Jeiger	Original Migned by CHARLES BHOLSUM				JCTION TECH. I	
r:.t_ 069	UTY OIL & GAS II	USPECTOR, DIST. #3	5			

## 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 ucaument, and whenever remedial work has been done on a well during which the packer or the rubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.

Commenced 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 aumosphere 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.
- 6. 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 shur-in while the zone which was previously shur-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 Azter 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).

(Thousands)

