# STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

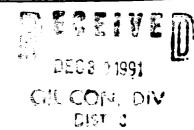
### OIL CONSERVATION DIVISION

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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

MOI	BIL PRODUCE	IG TX. & N.M.	INC. Lease _	Jicarilla	G	Well No1	
cation Well: Unit <u>A</u>	Sec35	Twp27N	Rge	03W	County	y Rio Arriba	
	NAME OF RESERVO		TYPE OF P (Oll or Q		ETHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Cag.)	
opper Gavil	an Pictured	Cliffs	Gas	Flor	w/	TBG	
pietion Blanco Mesa Verde			Gas	Gas Flow		TR@	
	_	PRE-FLO	OW SHUT-IN P	RESSURE DATA			
Hour, date s	hul-in	Length of time shu	t-in	SI press, psig	Sı	abilized? (Yes or No)	
ipletion 11-9		33 day	's	369#		abilized? (Yes or No)	
ower Hour, date s		Length of time shu		SI prees. psig	31	Stabilized / (185 or No)	
npletion 11-9	<u> </u>		FLOW TEST	585# NO 1	<u></u>	yes	
menced at (hour, dat	12-15-9	91	FLOW TEST	Zone producing (Upp	set of Fowerk TO	WER	
TIME (hour, date)	LAPSED TIME SINCE*	PRESS Upper Completion	SURE Lower Completion	PROD. ZONE	REMARKS		
2-16-91	lst day	367#	585#	date	12-13-91	12-14-91	
2-17-91	2nd day	359#	585#	upper	369#	369#	
				lower	585#	585# <sub>1</sub> ,	
					\$ 1 <b>3</b> %		
· · · · · · · · · · · · · · · · · · ·							
	BCP	D based on				av GOR	
s:	4			(Orifice or Meter	): METER		
Hour, date shut-in Length of time shut-in		ıt-in	SI press, psig		Stabilized7 (Yes or No)		
mpletion Hour, date s	shutin	Length of time shu	ıl-in	SI press. paig		Stabilized? (Yes or No)	



#### FLOW TEST NO. 2

ommenced at (hour, da	10) * *		Zone producing (Upper or Lowert			
TIME (hour, date)	LAPSED TIME SINCE **	Upper Completion	SSURE Lower Completion	PROD. ZONE TEMP.	REMARKS	
		oper comprise		IEMF.	Superior Sup	
•						-
	·					
oduction rate d	uring test					
l:	ВОР	D based on	Bbls. in	Hours	Grav GOR _	
s:		MCF	PD: Tested thru (	Orifice or Meter	):	
_		·			•	<del>-</del> .
·				·		
nereby certify th	at the information	on herein containe	ed is true and con	plete to the bes	t of my knowledge.	
proved D	EC 3 0 199 Conservation D	1	_ 19 O <sub>F</sub>		SIL EXP. & PROD. U.S. INC	<u>•</u>
inen, mexico on	Conservation D	14121011	Ву		Hoyl	
Original Figned by CHARLET LATE SCH				le PRODU	CTION TECH. I	
DEPUTY	OIL & GAS INSPI	ECTOR, DIST. #3	Da	••		

### NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

Date

- 1. A packer leakage ten 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 temedial 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 shur-in for pressure stabilization. Both zones shall remain shur-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 Ten No. 1. Procedure for Flow Ten No. 2 is to be the same as for Flow Ten 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 term: 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 Parker 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).

