## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

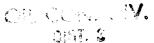
## OIL CONSERVATION DIVISION NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator: AMOCO PRODUCTION COMPANY Lease/Well #:FIELDS A 007A
Meter #:89961 RTU:2-089-05 County:SAN JUAN

	NAME DECE	DVOTE OR POOT		TYPE PROD	METHOD PROD	MEDIUM PROD
	NAME RESERVOIR OR POOL				FLOW	TBG
PR COMP	FIELDS LS 007A BPC 89961			GAS	LTOM	
WR COMP	FIELDS LS 007A BMV 89960			GAS	FLOW	TBG
		DDE BLOW	CHUM-TN	PRESSURE DA	ጥእ	
-	Hour/Date	Shut-In Leng	th of Tim	e Shut-In	SI Press. PS	IG Stabilzed
JPR COMP	06/01/92		クシ		401	head
LWR COMP	06/01/92		73		375	ned
	_		FLOW TEST	DATE NO.1		
Comme	enced at (ho	our,date)*			Zone Prod	ducing (Upr/Lwr)
TIME (hour, date)		LAPSED TIME SINCE*	PH Upper	RESSURE Lower	Prod Temp.	REMARKS
06/01/92		Day 1	397	249		Both Zones SI
06/02/92		Day 2	400	254		Both Zones SI
-	06/03/92	Day 3	401	267	2.00	Both Zones SI
06/04/92		Day 4	40/	275	Xla	wed lower you
	06/05/92	Day 5	401	277		4
	06/06/92	Day 6	401	/33		<u>u</u>
Oil:		during test BOPD based	on	BBLs in	Hrs ce or Meter):	GravGOR
Gas:		MID-T	EST SHUT-	IN PRESSURE	E DATA	
UPR COMP	Hour, Dat	e SI   Length o	f Time SI	SI Press	s. PSIG   Stab	oilized (yes/no)
LWR COMP						

(Continue on reverse side)





## FLOW TEST NO. 2

Lower Completion

PRESIDE

Upper Con

THE

from, date)

LAPSED THE

SINCE \*\*

Zone producing (Upper or Lower):

REMARKS

PROD. ZONE

TEMP.

Production rate during test								
Oil:BOPD based onBbls. inHoursGOR								
Gas: MCFPD: Tested thru (Orifice or Meter):								
Remarks:								
I hereby certify that the information berein contained is								
Approved JUN 2 2 1992 19	Cperator Musco Stod.							
New Mexico Oil Conservation Division	By Mallas							
ByOriginal Signed by CHARLES GHOLSON	By Mallas Title Lield teek							
Title DEPUTY OIL & GAS INSPECTOR, DIST. #3								

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A packer teakage test shall be commenced on each multiply completed well within seven days after across completion of the well, and annually thereafter as prescribed by the order suthorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or circumcal 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 shur-in for prevore stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized, provided however, that they need not remain shur-in more than seven days.
- 4. For Pew Tex No. 1, one rone of the dual completion shall be produced at the normal rate of production while the other some remains sharein. Such was shall be continued for seven days in the case of a gas well and for 24 hours in the case of an oil well. Now: if, on an initial packer leakage text, a gas well is being flowed to the assnouphere 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 shot-in, in accordance with Paragraph 3 above.
- Flow Ten'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 fay Flow Test No. 1 except

- that the previously produced more shall remain abus-in while the more which was previously abut-on is produced.
- 7. Pressures for gas-some tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hours usus: 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 sone sext: all pressures, throughout the entire test, shall be continuous! measured and recorded with recording pressure gauges the accuracy of which must be checked at least rovice, once at the beginning and once at the end of each test, with 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 require above being taken on the gas zone.

8. The results of the above-described sens shall be filed in triplicate within 15 days are completion of the tent. Tent shall be filed with the Azete Ductus Office of the New Meas. Oil Conservation Division on Northwest New Meases Packer Leakage Test Form Revisit-10-01-78 with all deadweight pressures indicated thereon as well as the flows temperatures (gas 2000s only) and gravity and GOR (oil 2000s only).