## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

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

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

	ON DIL COMPAN	Y OF CALIFORN		RINCON	IUNII		No		
tion 'ell: Unit	K Sec	DBA UNOCAL	Rge	6W		Cou	nty	RIO ARRIB	BA
NAME OF RESERVOIR OR POOL			TYPE OF PROD, (Oil or Goo)		METHOD OF PROD. Flow or Art. Little		PROD. ME (Tog. er.		
pper spletien	PICTURED CLIFFS			GAS		FLOW .		TUBIN	IG
ower splation				GAS		FLOW		TUBI	1G
		PRE-FLO	W SHUT-IN P						
npretion JUNE	· · · · · · · · · · · · · · · · · · ·			&I press. ps	™ CSG. 145 TBG. 145		Stabilized	Stabilized? (Yes or Ho) NO	
Hour, date	04, 1995 11:	Length of time shuff 45AM 3 DA		\$1 press. ps	TBG.	250	Stabilized	? (Yee or No) NO	
	Miller A7	1995 12:30	FLOW TEST						
amonaed at (hour, o	JUNE 07,	·		Zano pr	educing (Up	or or Lowerk	LOWE	R	
TIME (hour, date)	Lapsed time Since*	Upper Completion	Lewer Completion		ZONE up.		REMARKS		
06/08/99	24 HRS.	CSG. 160 TBG. 150	TBG. 100	7	0°	Q = 180 MCF/D			
06/09/9	5 48 HRS.	CSG. 160 TBG. 155	TBG. 100	. 7	0°	Q = 12	2 MCF	/D	
oduction rate	during test		•						
il:	BOI	D based on	Bbls. in	·	Houn		Grav	GOR	-
as:		MCFP	D; Tested thru	(Orifice	or Mete	r):	750	<del> </del>	
		MID-TE	ST SHUT-IN P	RESSURI	E DATA				
Upper Impiotion	e shut-in	Langth of time shot	ján .	SI press. p	949		Slabilles	17 (Yes or He)	
Lewer empirition	e shutin	Longin of time elvel	140	SI press. p	e40		Stabilites	d? (Yes or He)	
				•	· ·	State (acute)	programme (S.)	the state of the s	
		•							
			(Continue on	P###### ~	infa l	iiu jii	1 1 5	1008 - 1	
			13.44m MARKE UM .						

FLOW TEST NO. 2

Zone producing (Upper or Lowerk

Production rate during test  Oil:BOPD based onBbls. inHoursGOR  Gas:MCFPD: Tested thru (Orifice or Meter):  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved Ahmy Rollings 19 Operator UNION OIL COMPANY OF CALIFORNI	TIME	LAPSED TIME	PRESEURE		PROD. ZONE		
Production rate during test  Oil:BOPD based onBbls. inHoursGravGOR  Gas:MCFPD: Tested thru (Orifice or Meter):  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved	(hour, date)	SINCE ##	Upper Completion	Lower Completion	TEMP,	REMARKS	
Production rate during test  Oil:BOPD based onBbls. inHoursGravGOR  Gas:MCFPD: Tested thru (Orifice or Meter):  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved							
Production rate during test  Oil:BOPD based onBbls. inHoursGravGOR  Gas:MCFPD: Tested thru (Orifice or Meter):  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved		Į.	]		ļ.		
Production rate during test  Dil:BOPD based onBbls. inHoursGravGOR  Gas:MCFPD: Tested thru (Orifice or Meter):  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved		<del></del>					
Production rate during test  Dil:BOPD based onBbls. inHoursGravGOR  Gas:MCFPD: Tested thru (Orifice or Meter):  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved			<b>}</b>		<u> </u>	1	
Production rate during test  Dil:BOPD based onBbls. inHoursGravGOR  Gas:MCFPD: Tested thru (Orifice or Meter):  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved	<del></del>	-	<del></del>		<del> </del>		
Production rate during test  Dil:BOPD based onBbls. inHoursGravGOR  Gas:MCFPD: Tested thru (Orifice or Meter):  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved		Į		ļ		1	
BOPD based onBbls. inHoursGavGOR							
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BOPD based onBbls. inHoursGavGOR							
BOPD based onBbls. inHoursGavGOR	-						
BOPD based onBbls. inHoursGavGOR			<u> </u>		1		
BOPD based onBbls. inHoursGavGOR	n. 1						
MCFPD: Tested thru (Orifice or Meter):  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved Johnny Robinson New Mexico Oil Conservation Division JUN 1 6 1995  By  DEPUTY OIL & GAS INSPECTOR  DEPUTY OIL & GAS INSPECTOR	roduction fate	during test					
MCFPD: Tested thru (Orifice or Meter):  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved Johnny Robinson New Mexico Oil Conservation Division JUN 1 6 1995  By  DEPUTY OIL & GAS INSPECTOR  DEPUTY OIL & GAS INSPECTOR	<b>-</b> ''				•	_	
I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved Johnny Rollinson 19 Operator UNION OIL COMPANY OF CALIFORNI New Mexico Oil Conservation Division  JUN 1 6 1995  By DEPUTY OIL & GAS INSPECTOR	Oil:	BOF	D based on	Bbls. i	a Hours	Grav GOR	
I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved Johnny Rollinson 19 Operator UNION OIL COMPANY OF CALIFORNI New Mexico Oil Conservation Division  JUN 1 6 1995  By DEPUTY OIL & GAS INSPECTOR	_						
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Approved Johnny Robinson New Mexico Oil Conservation Division JUN 1 6 1995  By DEPUTY OIL & GAS INSPECTOR  Operator UNION OIL COMPANY OF CALIFORNI  Sandra K. Liese General Clerk	Remarks:	·			······································		
Approved Johnny Robinson New Mexico Oil Conservation Division JUN 1 6 1995  By DEPUTY OIL & GAS INSPECTOR  Operator UNION OIL COMPANY OF CALIFORNI  Sandra K. Liese General Clerk				:			
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By DEPUTY OIL & GAS INSPECTOR Lune 13 1995		•	1 1		Br Mar	da K. Tess	
DEPUTY OIL & GAS INSPECTOR		JON TO I	995		Sand	ra K. Liese	
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lung 12 100k	-,	DEPUTY OIL & GAS I	NSPECTOR		<u> </u>		
					Date June	13, 1995	

## NORTHWEST NEW MEDICO 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 possessibed 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 distracted. Tests shall also be taken as any time that communication is suspected or when requested by the Division.
- 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 as the normal rate of production while the other zone remains short-in. Such test shall be continued for seven days in the case of a gas well and for 14 hours in the case of an oil well. Notes 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 shar-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 abou-in while the zone which was previously abou-in is produced.
- 7. Pressures for gas-zone tesu smart be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hours tesus: immediately prior to the beginning of each flow-period, at fifteen-minuse 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 canclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

14-hour oil zone tests: all pressures, thoughout the entire test, shall be continuously measured and recorded with recording pressure gauges the sorrescy of which must be dorched at fean ewice, once at the beginning and once at the end of each usat, with a deadweight pressure gauge. If a well is a gas-oil or an oil-ga dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas some.

8. The results of the above-described tests shall be filed in stiplicate within 13 days after completion of the test. Tests shall be filed with the Aster District Office of the New Mexico Off Conservation Division on Northwest New Mexico Packet Leakage Test Form Revised 10-01-78 with all deadweight paramets indicated thereon as well as the flowing compensuous (gas zones only) and gravity and GOR (oil zones only).

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