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

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## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

										Well	
URLIN	IGTON	RESOURC	ES OIL & GAS	CO.		Lease	CRANDELL			No.	3
Unit	С	Sect	35	Тwp. С	)31N	Rge.	012W	County	SAN JUAN		
	-	NAME OF	RESERVOIR O	R POOL		TY					OD, MEDIUM
							(Oil or Gas)	(Flov	or Art. Lift)		Tbg. or Csg.)
n PICTURED CLIFFS						Gas		Flow		-	Tubing
n MESAVERDE							Gas	F	low	1	Tubing
-					)W SHUT-IN	PRESS	URE DATA				
Hour, date shut-in 04/12/2002		Length of time shut-in 144 Hours			SI press. psig 266		Stabilized? (Yes or No)			)	
on 04/12/2002			96 Hours			294					
					FLOW TE	ST NO.					
ommenced at (hour.date)* TIME LAPSED TIME		04/16/2002					(Upper or l	_ower) LC	WER		
LAPSED TIME SINCE*							REMARKS				
120 Hours		266 229		229			turned on mv				
	144	Hours	271	·	209						
						· · · · ·		-			
=				:				:			
			·:								
			:								
during	e test		·			i					
BOPD based on		Bbls. in			Hours.		Grav		GOR		
			MCFPD: Teste	d thru (Or	ifice or Meter	·):					.,
				MID-TE	ST SHIIT-IN	PRESS	URF DATA				
Ног	Hour, date shut-in Length of time shut-in		J. S. Ior IIV	SI press. psig		Stabilized? (Yes or No)		)			
Hour, date shut-in			Length of time shut-in			SI press. psig			Stabilized? (\)	es or No	))
	Unit PIC ME: Hou at (hou	PICTURED  MESAVER  Hour, date s  04/12  1.APSE SIN  120  144  during test  BOP	Unit C Sect NAME OF PICTURED CLIFFS  MESAVERDE  Hour, date shut-in 04/12/2002 04/12/2002 at (hour,date)* 1.APSED TIME SINCE* 120 Hours 144 Hours  during test BOPD based on	Unit C Sect 35  NAME OF RESERVOIR OF PICTURED CLIFFS  MESAVERDE  Hour, date shut-in 04/12/2002 11  04/12/2002 9  at (hour,date)* 04/16  LAPSED TIME SINCE* Upper Comple 120 Hours 266  144 Hours 271  during test  BOPD based on MCFPD: Teste  Hour, date shut-in Length of tin	NAME OF RESERVOIR OR POOL  PICTURED CLIFFS  MESAVERDE  PRE-FLC  Hour, date shut-in 04/12/2002 144 Hours  04/12/2002 96 Hours  at (hour,date)* 04/16/2002 1_APSED TIME SINCE* Upper Completion  120 Hours 266  144 Hours 271  during test  BOPD based on  Bbls. in  MCFPD: Tested thru (Or  MID-TE  Hour, date shut-in  Length of time shut-in	NAME OF RESERVOIR OR POOL	NAME OF RESERVOIR OR POOL	Continue	County	C   Sect   35   Twp.   031N   Rgc.   012W   County   SAN JUAN	Country   Coun

(Continue on reverse side)

## FLOW TEST NO. 2

ommenced at (hour, d	ate)**		Zone producing (Upper or Lower):				
TIME	LAPSED TIME	PRESSURE		PROD. ZONE	REMARKS		
(hour, date)	SINCE **	Upper Completion	Lower Completio	n TEMP.	REMARKS		
	ļ						
	<u></u>		L				
Production rate du	ring test						
	_						
Oil:	B	OPD based on	Bbls. in	Hours	Grav GOR		
ias:		MCFP	D: Tested thru (C	Orifice or Meter):			
venarks.							
hereby certify the	at the info <b>mpation</b> he	eregi contained is true	e and complete to	the best of my knowle	dge.		
		1		Operator Burlin			
-	oil Conservation Div			01	$\Omega$ .		
OPPERA	AL SOME TO AN	STATE PROPERTY		By Warn	May		
3v				Title Operations	Associate		
-							
l'itle	PETT OF S	is inspected, exc	<u>. 粉和</u>	Date Wednesday	y, May 01, 2002		

## NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A packer leakage test shall be commenced on each multiply completed well within seven cass 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 disturbed. Tests shall also be taken at 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 aiso 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 thus some 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 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 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 dendweight 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 45 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)