This form is <u>not</u> to be used for reporting

NEW MEXICO OIL CONSERVATION DIVISION

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oacker leakage tests n Southeast New Mexico		NORTHWEST	Revised June 10, 2003							
Dperator			Well No. 29B							
	ell: Unit Letter_	B Sec 3.	<u>2</u> Twp <u>3</u>							
	Name of Res		Type of Prod. (Oil or Gas)			ethod of Prod. ow or Art. Lift)	Prod. Medium (Tbg. Or Csg.)			
Upper Completion	MESA VERDE			GAS		FLOW				
Lower Completion	DAKOTA	GAS			FLOW		Tubing Tubing			
		Pr	e-Flow Shut-	In Pr	essure Dat	ta				
Upper Completion	Hour, Date, Shut-In		Length of	Length of Time Shut-In			Press. Psig	Stabilized? (Yes or No)		
Lower Completion	Hour, Date, Shut-In		Length of	Length of Time Shut-In		SII	Press. Psig /2	Stabilized? (Yes or No)		
	, ,		Flow T	est No	o. 1					
Commenced	Commenced at (hour, date)* Zone producing (Upper or Lower): Lower (DAKO7A)									
Time (Hour, Date)	Lapsed Time Since*		essure Lower Comp	Prod. Zor ol. Temp.			Remarks	2884.		
1045 4/25/0		279	252		80.5		15min FLO.	w € 400 mef		
1815 4/26/a	26 hrs.	283	192		93.4	·····	260	27 28 29 30		
1400 4/27/06	52hrs.	286	190		98		2. 13. C. S.	PR 2006		
							IN C	SERVED 1		
							100 E	DIST. 3		
5 1 3	<u> </u>						251	Property States		
Production rate	e during test									
	BOPD based o						Grav.	GOR		
Gas: MCFPD; Test thru (Orifice or Meter):										
		M	id-Test Shut-	In Pr	essure Da	t <u>a</u>				
Upper Completion	Jpper Hour, Date, Shut-In			Length of Time Shut-In			ress. Psig	Stabilized? (Yes or No)		
Lower	Hour, Date, Shut-In		Length of Time Shut-In			SI Press. Psig		Stabilized? (Yes or No)		

(Continue on reverse side)

Flow Test No. 2

Commenced a	at (hour, date)**	144 A. T. A.	ne producing (Upper or Lower):					
Time	Lapsed Time	Pressure		Prod. Zone	Remarks			
(Hour, Date)	Since**	Upper Compl.	Lower Compl.	Temp.				
				•				
		-		 		•		
								
				† · · · · · · · · · · · · · · · · · · ·				
roduction rate	during test							
)il:	BOPD base	d on	Bbls. In	Hrs	Grav	GOR		
ias:	MCFF	PD; Test thru (Ori	fice or Meter):					
emarks:								
			11.					
hereby certify			ned is true and con	iplete to the best	of my knowledg	e.		
pproved	APR 28 2	2006	20	Omorotor (PX			
	oil Conservation I	Division	20	Operator wpx By Doug Sprague				
			By Jona Spane					
, /	/ 4.0			by Care	OFRAGUE			
v /-/.	Villanu	eva	:	Title Con	11 7	1		
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itle DEFUTY	OIL & GAS INSPEC	TOR, DIST. 🕮	·	E-mail Address douglas. sprogue @:				
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				Date 4/	78/66			

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 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 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 case of a gas well and 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 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 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 hour 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 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 Aztec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 11-16-98, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).