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

NEW MEXICO ON CONSERVATION DIVISION

·	Z S N	£ (***	· · · · · ·	
NORTHWEST	NEW MI	TYNCO PA	CKEDII	RAKACE TEST
	TAMPAKA TATA	かかかべずひ	CILLIA	CHICAGE LEGI

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in Southeast New	Mexico	INOMITIVE STI	Pana	2005	LAIL	AGE TEST	Wall	
Operator X	To Energ		Or Co	ease Nan	ne S	ullivan Tran	ne A No. #1E	
		•	E Addition -	COS 1 1/2				
Location Of W	ell: Unit Letter _	A Sec <u>3</u>	<u>Ø</u> €_Twp <u>28</u>	7 N Rge/	0W	_ API # 30-0_ _4	52 4432	
	Name of Page	ervoir or Pool	1	F 10- Called	M	ethod of Prod.	Prod. Medium	
	Name of Rese	(Oil or Gas)		(Flow or Art. Lift)		(Tbg. Or Csg.)		
Upper		(3113133)		(210 11 42 12 10 22 23 2)				
	Chacra /11	nesa uerde	GAS		Flow		Tha	
Lower	× .						_,	
Completion	DAKOT	<u>-a</u>	GAS		Flow		Tbg	
Pre-Flow Shut-In Pressure Data								
Upper				Length of Time Shut-In		ress. Psig	Stabilized? (Yes or No)	
	10:30 1/m Mar	194 hours		280		yes		
	ver Hour, Date, Shut-In letion 10:30 Mm March 21, 2005			Length of Time Shut-In 194 hours		ress. Psig	Stabilized? (Yes or No)	
	0,000,000	101210		V.				
Flow Test No. 1 Commenced at (hour, date)* Zone producing (Upper or Lower):								
Time	Lapsed Time Since*		essure Prod. 2					
(Hour, Date)	Since	Upper Compl.	Lower Compl.	Temp				
3-29-05	5 minutes	70	284			Flowing the	ru Separator	
12:45 Pm 3-29-05	20 minutes	30	284			11 11		
1:15 P/m								
3-29-05	50 minutes	30	279			11 11	<i>11</i>	
2:15 P/m	Ihr 50 min.	30	271			11 11	11	
3:15 P/m	THE COMMIT	20	0.1			····		
3-29-05	ahr 50 min	30	270			11 40	μC	
		3 -	254			4.		
3-29-05	3hr 5min	30	270					
Production rate	e during test							
Oil: <u>&</u>	BOPD based or	nBbl	s. In	Hrs		Grav.	GOR	
Gas: N/A MCFPD; Test thru (Orifice or Meter): Producing well through Separator.								
The state of the or the or the or the or the order of the								
Mid-Test Shut-In Pressure Data								
	Hour, Date, Shut-		Length of Time			ess. Psig	Stabilized? (Yes or No)	
			189 hrs		288		yes	
	Hour, Date, Shut		Length of Time 383 hr			ess. Psig 195	Stabilized? (Yes or No)	
Completion 10:30 4m 3-21-05 383 hrs 295 yes								

failed 4-28

Flow Test No. 2

Commenced a	t (hour, date)**	1:30 m 04	14.05 Zo	ne producing (U	pper or Lower):	Lower	e (a - ea
Time	Lapsed Time	Pre	ssure	Prod. Zone	Remarks		
(Hour, Date)	Since**	Upper Compl.	Lower Compi.	Temp.		<u></u> ⊱	ţ
1:30 P/m 04 14t05	144 has	182	185		DAKOTA FI NO Crossove		pre Line
1:45 P/m	1.1.1.112	100	100		NU CIOSSOUE	<i></i>	
04-14-05	15 min	175	80		Flowing	DAKOta	
7:00 P/M 04-14-05	30 mm	175	77		u	21	
2:15 P/m 04-14-05	45 min	170	75		"	N	10000
2:30 P/m 24-14-05	1 hr	165	72		n :	ři	,. , i ,
3:30 P/M	2 hr	160	65		71	11	
4130 9/205	3 hr	159	63		/1	h i	
roduction rate	during test			٠,	·		. 1.
Dil: -	BOPD based		Bbls. In	Hrs	Grav	GOR	<u> </u>
Jas: 1/1/	MCFP MCFP	D; Test thru (Orif	ice or Meter): <u>Pro</u>	ducing w	ell throw	19h Separ	ator.
Remarks:	,			· • •	· · · · · · · · · · · · · · · · · · ·	Z	
4	•						
•				m _{ex} ,		, •	
hereby certify	that the informat	ion herein contair	ned is true and com	plete to the best	of my knowledg	e.	
Approved	Aled		20	Operator	XTO Ene	ra v . Inc	
	il Conservation D	Division		-	-	J / 	
	Carlo Santani	• • •		By;	mmy" (ostalez	

Date <u>April 18, 2005</u>
Northwest New Mexico Packer Leakage Test Instructions

A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and innually 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 hall also be taken at any time that communication is suspected or when equested by the Division.

- 1. At least 72 hours prior to the commencement of any packer leakage est, the operator shall notify the Division in writing of the exact time the est 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 shut-in for pressure stabilization. Both zones shall remain thut-in until the well-head pressure in each has stabilized, provided lowever, that they need not remain shut-in more than seven days.
- 1. 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 thut-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 eakage 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 thut-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).