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

NEW MEXICO OIL CONSERVATION DIVISION

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NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Revised June 10, 2003

Operator X	TO Every	v Inc		Lease Nan	ne <i>Abrams Gas</i>	Well #/	
		,	30 Twp <u>29 1</u>		<u>0ω</u> API#30-0 <u>4</u>	_	
	Name of Page	aminim on Pool	Type of P		Method of Prod.	Prod. Medium	
Name of Reservoir or Pool			Type of Prod. (Oil or Gas)		(Flow or Art. Lift)	(Tbg. Or Csg.)	
Upper Completion Preture Cliffs			GHS		Flow	Tba	
Lower			}		1		
Completion	Completion Chacra		GAS		(INA)	Thg	
		D _r	e-Flow Shut-In Pi	eccure Dat	ta		
Upper Hour, Date, Shut-In			Length of Time Shut-In		SI Press Psig	Stabilized? (Yes or No)	
Completion //:00 %m			263 hrs		78.50 /108 STEP		
			Length of Time Shut-In		SI Press. Psig	Stabilized? (Yes or No)	
Completion	11:00 Mm	6-13-05	263 h	<u>rs</u>	20		
· · · · · · · · · · · · · · · · · · ·			YOU				
Commenced	at (hour date)*		Flow Test N		g (Upper or Lower):		
Commenced	12 (110dr, date) 12	:00 Pm 6-2	4-05 Zone producii			Picture Cliffs	
Time	Lapsed I ime	<u>Pre</u>	essure	Prod. Zo	J J		
(Hour, Date)	Since*	Upper Compl.	Lower Compl.	Temp	open ti	st longer bue	
6-24-05	_	50/08_	20			ise maintenance	
11:30 A/M	 			 	10 Enterpr	ise mannerance	
6-25-05	23.5	45/14	20				
8:00 H/m 6-26-05	44	45/00	100		Compressor Down.		
12:00 P/m				<u> </u>	yaca-o-		
6-27-05	72	45/90	85				
2130 P/m 6-28-05	98.5	5/12	44		}		
1:30 P/m 6-30-05		2/11	42		Dro Til		
Production rate				<u> </u>	PKR tailure. End Test.		
110ddetton rate	during tost				ena le	ST.	
Oil:	BOPD based o	nBb	ls. In	Hrs	Grav.	GOR	
Gas: 3	MCFP	D; Test thru (Orif	fice or Meter):	orter_			
			-				
T Immor	Hour Data Chut		id-Test Shut-In Pr			Stabilizado (Vas an Na)	
Upper Hour, Date, Shut-In Completion			Length of Time Shut-In		SI Press. Psig	Stabilized? (Yes or No)	
			Length of Time S	hut-In	SI Press. Psig	Stabilized? (Yes or No)	
Completion		N/A			.		
			(Continue on reve	rse side)	CON 11 12 73 7	À	
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		•			700	Lettle to Relair CTP 05196 38323	
					SECOLOGICAL SECOLOGICA SEC	985	

Flow Test No. 2

Commenced a	t (hour, date)**	NIA	Zon		pper or Lower):		
Time \ (Hour, Date)	Lapsed Time Since**	Pre		Prod. Zone - Temp.	Remarks	, X X , X X	
	241 - 3	1	No. of William	(m)	'.' 'î, , , ;		- 10.4.
	54 [©]			,			
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41 MM No	,	7 1 1 1	7.31 2		2	M + 1 * 1	1
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		. :			;		
			Bbls. In		Grav	GOR _	
Gas:			ice or Meter): \geq		Glav.	· 	
Remarks:	······································	·		`			· · · · · · · · · · · · · · · · · · ·
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Approved.	James .	22.77,88.72	20	Operator	CTO Enera	y Inc.	· ·
new Mexico Oi	l Conservation D	/IVISION			miny Co		
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Title	115 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		·	E-mail Addre	ess Jimmy - Cos	talez Ezo	energy con
	, .	Northwest	New Mexico Packer Leak	Date	mly \$5,2	2005	49 53 87
		1 101 10 17 631	MICANO I SCREI LASS				

- 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).