This form is \underline{not} to be used for reporting packer leakage tests

OCD Rece3ived NEW MEXICO OIL CONSERVATION DIVISION_{7/7/2020}

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Revised June 10, 2003

w Mexico				JEAK						
Enduson Re	Courses		Well							
Location Of Well: Unit Letter Sec 36 Twp 30N Rge 100 API # 30-0 45- 09057										
Name of Reservoir or Pool		Type of Prod.		Method of Prod.		Prod. Medium				
		(Oil or Gas)		(Flow or Art. Lift)		(Tbg. Or Csg.)				
MV		6.0			*	T1				
_		(145			. ++	165.				
29		Gas		Ar	4. 6:41	Tbq.				
- V					Press. Psig	Stabilized? (Yes or No)				
6-24-20 8:00 am		5 Dev S				Yes				
Hour, Date, Shut-In		Length of Time	Length of Time Shut-In		ress. Psig	Stabilized? (Yes or No)				
6-24-26	8.00 am	5 Day	S		53	Yes				
Flow Test No. 1										
Commenced at (hour, date)* 7:45 am 6-29-20 Zone producing (Upper or Lower):										
Lapsed Time Since*	MV <u>Pre</u> Upper Compl.	ssure PC Lower Compl.			ne Remarks Cross ones e 42 ps =					
15min.	106	53	730	F		• •				
	87	53	730	F						
4/5 min	55	53	7301	C						
lhc.	41	53	730	PE	Cross ower 8: 43am					
24 hrs	24	53	660	1						
e during test										
Dil:BOPD based onBbl			s. In Hrs		Grav GOR					
Hour, Date, Shut-In		Length of Time Shut-In		-	ess. Psig	Stabilized? (Yes or No)				
Hour, Date, Shut-In		Length of Time Shut-In		SI Press. Psig						
	Name of Res Name of Res No. 24 - 26 Hour, Date, Shut 6 - 24 - 26 At (hour, date)* Lapsed Time Since* Since* Since* Lapsed Time Since* Lapsed Time Since* MCFP	Name of Reservoir or Pool Pr Hour, Date, Shut-In 6-24-20 8:00 am Hour, Date, Shut-In 6-24-26 8:00 am at (hour, date)* 7:45 am Lapsed Time Since* Upper Compl. 15m.n. 106 30 mm. 87 4/5 m.n. 55 1 hc. 4/1 24 hcs 24 te during test BOPD based on Bb. MCFPD; Test thru (Orification) Minimal State of Preservoir or Pool Pr Hour, Date, Shut-In 6-24-26 8:00 am Complete of Pr Hour, Date, Shut-In 6-24-26 8:00 am Complete of Pr Hour, Date, Shut-In 6-24-26 8:00 am Complete of Pr Hour, Date, Shut-In 6-24-26 8:00 am Complete of Pr Hour, Date, Shut-In 6-24-26 8:00 am Complete of Pr Hour, Date, Shut-In 6-24-26 8:00 am Complete of Pr Hour, Date, Shut-In 6-24-26 8:00 am Complete of Pr Hour, Date, Shut-In 6-24-26 8:00 am Complete of Pr Complete of Pr Upper Complete Complete of Pr Complete of	Name of Reservoir or Pool	Name of Reservoir or Pool	Name of Reservoir or Pool	Name of Reservoir or Pool				

(Continue on reverse side)

Flow Test No. 2

			TIOW I CSU	110. 2			
Commenced a	at (hour, date)**		Zone producing (Upper or Lower):				
Time Lapsed Time		Pressure		Prod. Zone	Remarks		
(Hour, Date)	Since**	Upper Compl.	Lower Compl.	Temp.			
Production rate	during test	1					
Oil:BOPD based onBb		Bbls. In	Hrs.	Grav.	GOR		
Gas:	MCFP MCFP	D; Test thru (Ori	fice or Meter):				
Remarks:							
• •				emplete to the best			
Approved September 9 20 20		20 20	Operator Endusia Recourses				
New Mexico O	oil Conservation I	Division			3	CHINA	
	10 0	//	Operator Endusing Resources By Chad Snell				
By Kelline Arelal			Title HSE Tech				
District	t III Geologist			E-mail Addr	ess <u>CSmulpe</u>	ndusing sesourasion	
				Date & -		0	
				Date (/U E U		

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).