1000 RIO BRAZOS ROAD AZTEC NM 87419 (805) 334-4178 FAX: (806) 334-4170 http://www.rd.edu.com/colories/files/htm

This form is not to be used for reporting packer leakings tests in Southeast New Mexico

Page 1 Revised 11/16/98

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	Conoco	ı	Lease Na	me_5c.	Juan 28	2-7	Well No_20/
Location of	Well:Unit Letter		7. Twp 2	7_Rge7	ZAPI # 30-0	39-2	2096100
	NAME OF RESE	RVOIR OR POOL		OF PROD. or Gas)	METHOD OF (Flow or Art		PROD.MEDIUM (Tbg. or Csg.)
Upper Completion	'. Picture	1:66	73	5I			
Lower Completion	Chara	7	75	I			
		PRE-	FLOW SHUT-	N PRESSUF	RE DATA		
Upper Completion	Hour, date shut-in		Length of time		SI press. Psig		Stabilized? (Yes or No)
Lower Completion	Hour, date shut-in		Length of time	Length of time shut-in			Stabilized? (Yes or No)
			FLOW TE	ST NO. 1			
Commenced at	(hour, date)*			Zone producing	(Upper or Lower):		
TIME (hour,date)	LAPSED TIME SINCE	PRES	SURE	PROD. ZON TEMP.	ε	RE	MARKS
(11001,0210)	3402	Upper Completion	Lower Completion	IEMP,			
11-20-00		0	0		Both =	Zones	TSI
			·				62128703
	<u> </u>					139/103	4 *05/J
					_ : [ :		NOV 2000
							-
		-				2	
roduction ra	te during test	•				Egg.	200
Oil:	· · · · · · · · · · · · · · · · · · ·	_ BOPD based	on	Bbls. in	Hours	Grav.	GOR
Bas:		MCFP	D; Tested thru	(Orifice or M	eter):		
		MID-1	rest shut-in	PRESSURE	DATA		
Upper Completion	Hour, date shut-in		Length of time s	7	SI press psig		Stabilized? (Yes or Nc)
Lower Completion	Hour, date shut-in		Length of time s	hut-in	SI press_psig		Stabilized? (Yes or No.)

(Continue on reverse side)

FLOW TEST NO. 2

Bbls. in Hours. Grav. GOR as: MCFPD:Tested thru (Orfice or Meter):  emarks: McFPD:Tested thru (Orfice or Meter):   perceby certify that the information herein contained is true and complete to the best of my knowledge.  perception of Conservation Division  By Dachter T. Percent	Commence	i at (hour, date)	H4		Zone producing	(Upper or Lowr):	
perceby certify that the information herein contained is true and complete to the bes of my knowledge.  Deproved					E PROD. ZONE REM		-
BOPD based onBbls. inHoursGravGOR							
BOPD based onBbls. inHoursGravGOR							·····
BOPD based onBbls. inHoursGravGOR							
Bbls. in							
perceby certify that the information herein contained is true and complete to the bes of my knowledge.  Deproved							
Operator ( onoco fine .  Desiro Oil Conservation Division  By Dacoffin	ereby certify	that the inform	ation herein cont	ained is true and	complete to the	bes of my knowledge.	
OPIGINAL SIGNED BY CHAPLE T. PENNEN  Title FP3	oproved	1101 2	19	Operator_	Conoco A	ve.	Ne
Title FP3	exico Oil Cons <b>Cristinal. S</b>	ervation Division CHARL	ET. PERMI	By	and for		
THE				Title	Fp3	·	
tleDate11/28/00	tle(le	DIL & GAS INSPEC	TOR, 0157. 28				
NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS			NORTHWEST NE				

- 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 fraction 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-sea head pressure in each has stabilized, provided however, that they need not remain and the discount of the season date. 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 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 the tack 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 we previously shut-in is produced.
- 7. Pressures for gas-zone tests must be measured on each zone with a deadwoigl pressure gauge at time intervals as follows: 3 hours tests: immediately prior to the beginning of each flow-period, at lifteen-minute intervals during the first hour thereo 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 prior (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 of wells which have previously shown questionable test date.
- 24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accurace of which must be checked at least twice, once at the beginning and once at the end each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gardual completion, the recording gauge shall be required on the oil zone only, will deadweight pressures as required above being taken on the gas zone.
- 8. The result's 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. Tes 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).

## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

This form is not to be used for reporting packer leakage tests

NORTHWEST NEW MEXICO PACKER-LEAKAÇE TEST

Page 1 Revised 10/01/78

_		CONOCO	TNC	I ense C	an juan 28	OUT OF	Well 201 (PC)
Location of Well:	UnitP	Sec. <u>07</u> 1	Twp27_	Rge	07	Count	Y - RIO ARRIBA
		NAME OF RESERVO		TYPE OF P (Off or G	700. M	ETHOD OF PROD. (Flow or Art. LITE)	PROD. MEDIUM (Tbg. or Cag.)
Upper Completion	P	ICTURED CL	IFF	GAS		FLOW	TBG.
Lower Completion	С	HACRA		GAS	<u> </u>	FLOW	TRG
			PRE-FLO	OW SHUT-IN P	RESSURE DATA		
Upper	Hour, date s	hyt-in	Langth of time shi	ut-in	St press, psig	8	Rebilized? (Yes or No)
Completion 07-14-98		3-DAS		Si press, psig		NO Stabilized? (Yes or No)	
Lower Completion	Lower		Į v	3-DAYS			NO
<u> </u>	<u> </u>	<u> </u>		FLOW TEST	NO. 1		
Сопультов	d at thour, det	<b>₩</b> * 0.7	17_98	130 11 12 1	Zano producing (Up	per or Lower):	LOWER
71	ME	LAPSED TIME	PREI	PRESSURE			REMARKS
(hour, date) SMCE® Upper Completion			Lower Completion	TEMP.			
07-15	-98	1-DAY	0	0		BOTH	ONES SHUT IN
07-16		2-DAYS	0			вотн 2	ZONES SHUT-IN
07-17	-98	3-DAYS	0	0		вотн з	ZONES SHUT-IN
07-18	-98	1-DAY	0	0		LOWER	ZONE FLOWING
07-19	-98	2-DAYS	0	0		LOWER	ZONE FLOWING
2	<del></del> _					10096	ed off
Product	ion rate d	luring test	BOTH ZON	ES SHUT IN			-
Oil:		ВОР	D based on	Bbls.	in Hour	s G	rav GOR
Gas:			мс	FPD; Tested thr	u (Orifice or Mete	er):	
		•	MID-1	TEST SHUT-IN	PRESSURE DATA	<b>L</b>	
Upper	Hour, date	shut-in	- Length of time a		SI press. psig		Stabilized? (Yea or No)
Completion Length of time shut			hut-in	SI press, paig		Stabilized? (Yes or No)	

(Continue on reverse side)

FLOW TEST NO. 2

	ete) # #		Zone producing (Upper or Lower):			
TIME LAPSED TIME		PRESSURE		PROD. ZONE		
frour, doto)	SMCE **	Upper Completion	Lewer Completion	TEMP.	REMARKS	
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<del></del>	<del></del>					
				<del>                                     </del>		
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	<u> </u>	<u> </u>	L	<u> </u>		
as:	<u> </u>	МСР	PD: Tested thru		Grav GOR ):	
marks:						
ereby certify t	hat the informati SEP 1 {	on herein contain	ed is true and co	mplete to the best	t of my knowledge.	
	04, 1	, ,,,,				
proved				perator CO		
oproved	il Conservation I					
oproved New Mexico O Original sig	il Conservation I	Division T. PERRIN				
PPTOVED	il Conservation I	Division T. PERFIN	т		Frod. Super	

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

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24-hour oil sone 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 13 days after completion of the test. Tests shall be filed with the Aster District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leskage 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).