Difference at a mexico packiralearage tast

	and MINEI This form be used to	RALS DEPARTMI is net to ir reporting ikage tests		CONSERVATION		,	Page 1 Revised 10/01/78	
Operator	in Southeast	New Mexico	NORTHWEST I		PACKER-LEAKA Largo Fed		Well 2 (CM)	
ocation		Sec13	Twp. 27	Rge	8	County	San Juan	
	NAME OF RESERVOIR OR POOL			TYPE OF	TYPE OF PROB. (Oil or Gos)		PROD. MEDIUM (Tbg. or Ceg.)	
Upper Completion				Gas		'low	TBG	
Lower Completion			Gas	F	low	TBG		
			PRE-FL	OW SHUT-IN I	RESSURE DATA			
Upper Completion	Non 05/09/91 Hour, date shut-in Let		-	Length of time shut-in 4 Day Length of time shut-in 4 Day		1	Stabilized? (Yes or No) no Stabilized? (Yes or No) yes	
Lower Completion						Į		
				FLOW TEST	NO. 1			
onimenced	at (hour, date	o * 05/13/9		SSURE	Zone producing (Up	pper or Lowert 10W	er	
	ME dete)	LAPSED TIME SINCE*	Upper Completion	Lower Completion	PROD. ZONE TEMP.		REMARKS	
05,	/10/91	l Day	340	280		Both Zones	Shut in	
05,	/11/91	2 Day	340	280		Both Zones Shut in		
05,	/13/91	4 Days	342	290		Both Zones Shut in		
05,	/14/91	1 Day	346	260		Lower Zone Producing		
05,	/15/91	2 Day	350	220		Lower Zone	Producing	
05	/16/91	3 Day	354	215		Lower Zone	Producing	
Production	on rate du	ring test		•				
Oil:	_	ВОР	D based on	Bbls. i	n Hours	s Grav.	GOR	
Gas:	62		мсі	FPD; Tested thn	ı (Orifice or Mete	r):		
			MID-T	EST SHUT-IN F	RESSURE DATA			
	Upper Hour, date shut-in Length of time shut				SI press, paig		ilized? (Yes or No)	
Upper Completion	i	ut-in	Length of time sh	ivi-in	S. p. coo. pang		integration of the	

(Continue on reverse side)

OIL CON. DIV

MAY1 7 1991

FLOW TEST NO. 2

Commenced at (hour, date) 中市				Zone producing (Upper or Lower):		
TIME	LAPSED TIME	PRESSURE		PROD. ZONE		
(hour, date)	SINCE **	Upper Completion	Lower Completion	TEMP.	REMARKS	
			1	1		
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				İ		

Production rate du	ring test					
0.1	200					
OII:	BOPI	D based on	Bbls. ir	1 Hours.	Grav GOR	
Gas:		MCF	PD: Tested thru	(Orifice or Meter)):	
Remarks:						
hereby certify tha	t the informatio	on herein containe	ed is true and co	implete to the best	t of my knowledge.	
Approved	MAY 171	99]	19(Operator	D Mars	
New Mexico Oil						
N 2	, ,	11/1/1	F	y (bekin	shell	
By ()	, J. 1	1/1/	_		per .	
-,		1.11.0	T	ide Tum	pis	
Title DEPUTY O	OIL & GAS INSPE	CTOR, DIST. #3	г	Date	7-91	
	-					

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 noully the Division in writing of the exact time the test 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 shut in until the well-head pressure in each has stabilized, provided however, that they need not remain shut-in more
- 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 lack of a pipeline connection the flow period shall be three hours.
- 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 thut 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 1 me intervals as follows: 3 hours 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 conclusion of each flow period. 7-day tests: 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 13 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 Packet Leakage 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).

STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Page Revised 10/01/15

This form is not to be used for reporting packer leakage toots In Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	L. P. Moo	RE	Lease	ARGO FEC		Well 2	
ocation	I Sec. 13	Гwb27	<u> N Rge</u>	8W_	Coun	sty SAN JUAN	
71 WCM. 51M.	NAME OF RESERVO		TYPE OF PRO (Oll or Ges	OD. MI	ETHOD OF PROD. Flow or Art. Lill)	. PROD. MEDIUM (Tbg. or Ceg.)	
Upper Completion	Otaro Ci	GA:	S	Flow The			
Lower Completion	Blanco M.	GA:	GAS Flow				
		PRE-FLO	OW SHUT-IN PR	ESSURE DATA			
11=000	ate shut-in	Langth of time shu		1		Stabilized? (Yes or No)	
Completions	mpletions 12-10-89 Hour, date shul-in Leng		AVS	29 (St press, palg	<u></u>	Stabilized? (Yes or No)	
i oranar i	12-10-89		DAYS .		0	No	
			•				
			FLOW TEST N	Zone producing (Up)	er or Lower):		
Conimenced at (hour, date) * TIME LAPSED TIME		PRESSURE Upper Completion Lower Completion		FROD. ZONE		REMARKS	
(hour, date)	SINCE*		CONTROL COMPANIE		!		
12-14-	84	293	320		ļ. ———		
12-15-	j ·	298	310				
					DEC	FIVEM	
					M		
					DEC	2-9-1989	
				·	011 6	ON DIV.	
- :					1	ON. DIV. IST. 3	
Production :	te during test	J.,	1				
	-				_	COD	
Oil:	. BOP	D based on	Bbls. in	Hours		Grav GOR	
G25:	41	мсі	FPD; Tested thru	(Orifice or Mete	r):	ME tER	
		MID-T	EST SHUT-IN PI	RESSURE DATA			
Upper	date shul in	Length of time sh		SI press. psig		Stabilized? (Yes or No)	
Lower	date shut-in	Length of time st	hut-In	St press, paig		Stabilized? (Yes or No)	

FLOW TEST NO. 2

ommanced at (hour, da	ta) ri r			Zone producing (Upper or Lowert			
	LAFSED TIME	PRESSURE		PAOD. ZONE	REMARKS		
TIME (hour, date)	BINCE ##	Upper Completion	Lower Completion	. TEMP.	BEMAGOS		
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		manager many discovering a complete contract of	and the second s				
	·						
	<u> </u>						
	, , , , , , , , , , , , , , , , , , , ,						
	BOI				cr): Grav GOR		
Remarks:							
Approved	DEC 29	1989	19	Operator	Dest of my knowledge. L.P. Moore Daniel E. Walter		
Original Signed by CHARLES GHOLSON				1	PUMPER		
Ву	riginal Signed by	CIMILES STOLES		Title	T V JU PER		

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

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- 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 parket 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 the rase of a gas well and for 74 hours in the rase of an oil well. Note: if, on an initial packet leakage test, a gas well is being flowed to the aumosphere due to the lack of a pipeline connection the flow period shall be three hours.
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