STATE OF NEW MEXICO SENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

,	In Southeas	it New Mexico	NORTHWEST N	IEW MEXICO P.	ACKER-LE	AKAG	E LESI		• • • •	
Operator	Nor	thwest Pipe	line Corp.	Lease	Indian	Р		Well No.	- #1	A STATE OF THE STA
Location	Ų	Sec	Iwp. <u>27N</u>	Rge	зм	······································	Cou	Rio Rio	Arriba	·)
	NAME OF RESERVOIR OR POOL			TYPE OF PE				PROD. I	T I	
Upper Completion	Gavilan PC			. nas	3	flow csg			ċsg	
Lower Completion				11			tbg.			tbg.
			PRE-FLO	OW SHUT-IN PI	RESSURE I	ATAC				•
Upper ;	Hour, date s	nut-in	:Length of time shu	il-In	Si press, psig		And the second section of the section of t	Stabilized? (Y	s or No)	
Completion		5-88	3 days	<u>i</u>	csg.=0		yes			
Lower Completion	Hour, date si		Length of time shu		Si press. psig	-76'E		Stabilized? (Yes or No)		
Gomphilion	8-1	5-88	3 days	·	tbg.	=/05		<u> </u>	nc	
				FLOW TEST	VO. 1					
Commenced	at (hour, dal	•)* 8-18-88		<u></u>	Zone producing (Upper or Lower):					
TIA (hour,		LAPSED TIME SINCE*	PRES: Upper Completion	SURE Lower Completion	PROD. ZO		1	PEMAI	aks .	
819:	-88	24 hrs	cs.g_=0	tbq_=450			C=88 mc	f/d ·		
8-20	-88	48 hrs.	csg.=0	tba.=318			0=0 mc	f/d	····	
							·			
		<u>Upper zone</u>	is dead and	non-product	ve.	1	1277			
	* * * * * * * * * * * * * * * * * * * *	Lower zone against <u>pi</u>	logged durin peline due t	g second day o low pressi	re of r	t. w esery	pir.	F I OW	•• •	
							r a f	n w re	6	
Production	on rate di	uring test		. •		D				
Oil:		BOP	D based on	Bbls. in		Hours	SEP1	37a 19 <u>88</u>	GO	R
Gas:	 		MCF	PD; Tested thru	(Orifice or	Metel	OIL CO	N. DI\ T. 3	<i></i>	
			MTD-TT	EST SHUT-IN PI	RESSURE I	DATA	כוט)1. <i>U</i>		1 .
Upper Completion	Hour, date s	hut-in	Length of time shu	ut-in	St press, psig			Stabilized? (Y	es or No)	
Lower Completion	Hour, date s	hul-In	Length of time shu	ut-in	SI press, palg			Stabilized? (Y	es or No)	

FLOW TEST NO. 2

TIME	LAPSED TIME	PAESSURE		Zone producing (Upper or Lower):		
thour, date)	SINCE **	Upper Completion	Lower Completion	PROD. ZONE TEMP.	REMARKS	
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oduction rate d	 					
maks:		MCF.	PD: Tested thru	(Orifice or Meter	·):	
crepy certify th	nat the informatio	n herein containe	ed is true and con	nplete to the bes	et of my knowledge.	
proved	SEP 0 1 il Conservation Di	1988			west Pipeline Corp.	
		by CHARLES ortol	В	,Mike	Turnbaugh My	
		WY CHARLES orbid	.SUN			
, .		,		deSenio	r Engineer	

NORTH-WEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A packer leskage 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 lexkage 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 tate of production while the other zone remains shurt-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 packet leakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline election the flow period shall be three neurs.
- 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 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 of 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).

	"NOF		NSERVATION MEXICO PA	DIVISION" CKER-LEAKAGE TES	T"
Locatio	n			Lease:Indian	86429
ot Mell	:Unit H Sec.	.16,1WP.Z/N		County:Rio Ar	
т Т	Fee or F		rod. Type	I_Prod. Method_I	Prod. Medium I
IUpper I ICompl.I	Gavilan PC	r I	Gas	I I Flowing I	Casing I
II		I		II	I
	Blanco MV	Ī	Gas	I Flowing I	Tubing I
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ILower I ICompl.I	5-14-89	I		I Itbg.=1238	I I
Il	*	<u>_</u>		I	
		FLOW TE	EST NO. 1		
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	I Time I	Pre:		I Frod. Zone	I Remarks I
I lime	1 Since* 1	upper	T FOMEL	T remb*	I I
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15-18-85 I	7 I 24 hrs.I I I	csg.=0	I tbg.=844 I	I I	I Q=235 mcf/d I I I
I			_ <u>I</u>	I	I I
15-19-89 I	7 I 48 hrs.I I I		I tbg.=478	3 I 1	I Q=O mcf/d I I I
IIComment	II		_1	I	I I
I I				of flow test.	. I I
I	 by certify t	hat the in	formation h	nerein contained	is true and
comple	te to the be	stopp my k	nowledge.	: Northwest Pipe	· .
	Signed by CHARLES		_ By:	y ke Turnbaugh	d ecely e u
Title DE	PUTY GIL & BAS INSI	PECTOR, DIST. #3	_ Title:	Senior Engine	MAY31 1989
			Date: _5	-26-89	OIL CON. DIV.
					DIST. 3

•	ine Corp.	Lease: Indian	P #1 8642
ocation f Well:Unit H Sec.16,Twp	.27N,Rge.3W	County:Rio Ar	
I Res. or Pool	I_Prod. Type_I	Prod: Method_I	_Prod. Medium_
pper I ompl.I Gavilan PC	I	Flowing I	****
ower I ompl.I Blanco MV	I I I I I I I I I I I I I I I I I I I	Flowing I	Tubing
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I I I O-11-90I 24 hrs.I csg.=	Ï.	I	[Q=643 mcf/d
O-12-90I 48 hrs.I csg.=	Ţ.	***	I I 0=82 mcf/d I
II Comments: Upper zone is no		1	
hereby certify that th	e information he my knowledge.	erein contained	is true and

Date: 10-24-90

Operato Locabio		Fipeline	Corp.	Lease:Indian	F #1 86429
of Well	:Unit H Sec.	16,Twp.27	N,Rge.3W	County:Rio Ar	riba
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Commen			I	Ţ	
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	nal Signed by CHARLE			Mike Turnbaugh	DECEI
- /	EPUTY OIL & GAS INS			Senior Enginee	r UU
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