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

NEW MEXICO OIL CONSERVATION DIVISION

Page 1 Revised June 10, 2003

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

TO ENERGY	****			Lease Nan	ne <u>5</u>	STANDLIND GA	Well No. B#1
Vell: Unit Letter _	O Sec 9:	T Twp	32 N	Rge	الما	API # 30-0 <u>45</u>	- 24149
Name of Rese	Type of Prod. (Oil or Gas)			Method of Prod. (Flow or Art. Lift)		Prod. Medium (Tbg. Or Csg.)	
FRUITIAND	Gas			ART. LIFT		Pumping Too + Flowing CSG	
MESA VE	GAS			ARL. LIFE		Твс	
	Pre	-Flow Shut-l	in Pr	essure Dat	a		
	Length of Time Shut-In			SI Press. Psig		Stabilized? (Yes or No)	
· · · · · ·					SIF	Press. Psig Ca Z	Stabilized? (Yes or No)
		Flow T	oet N	· 1			
at (hour, date)*	I: CAPM 4-				g (Up	oer or Lower):	FRUITIAND COAL
Lapsed Time Since*	Pres	sure	ol.			Remarks	· DATT HAD COM
22 Hes	15	57				OPEN FC TO (cmplessoe
7 49 Hes	19	58					
3 73 Hes	50	55	,			Compressor D	UN- RESTART
96 Hes	17	55	O	MAY 2005	· ·	ENDED TEST	-@ 1:00pm 4-19-05
_ te during test			<u>*</u> ئ	48 - 4 Da	: \	7 7	
_	nBbls	s. In		jos. Will of	NA STATE OF THE PARTY OF THE PA	y Grav	GOR
MCFP	D; Test thru (Orifi				Y A=	TAX COMPRES	SOR.
	Mic	d-Test Shut-	In Pr	essure Dat	ta		
Hour, Date, Shut				SI Press. Psig		Stabilized? (Yes or No)	
Hour, Date, Shut-In Length			of Time Shut-In SI		SI Pr	ess. Psig	Stabilized? (Yes or No)
	Name of Resolution of Resoluti	Name of Reservoir or Pool FRUITIAND COA! MESA VERDE Pre Hour, Date, Shut-In 10:00AM 4-11-05 Hour, Date, Shut-In 10:00AM 4-11-05 at (hour, date)* 1:00 P.M. 4- Lapsed Time Since* Upper Compl. 22 Hrs 15 49 Hrs 19 3 73 Hrs 50 4 9 Hrs 17 be during test BOPD based on Bbls MCFPD; Test thru (Orifi	Name of Reservoir or Pool Type	Name of Reservoir or Pool Name of Reservoir or Pool Name of Reservoir or Pool Type of Pr (Oil or Ga Fruithadd Coal Resa Pre-Flow Shut-In Pre Hour, Date, Shut-In 10:00 Am 4-11-05 Hour, Date, Shut-In 10:00 Am 4-11-05 Thow Test No at (hour, date)* Since* Upper Compl. Lapsed Time Since* Upper Compl. Lower Compl. ZZ Hes 15 57 49 Hes 19 58 13 Hes 50 55 Reduiring test BOPD based on Bbls. In MCFPD; Test thru (Orifice or Meter): Mid-Test Shut-In Pre Hour, Date, Shut-In Length of Time St Mid-Test Shut-In Pre Length of Time St	Name of Reservoir or Pool	Name of Reservoir or Pool	Name of Reservoir or Pool Name of Reservoir or Pool Name of Reservoir or Pool Type of Prod. (Oil or Gas) Freithand Corl Reservoir or Pool Type of Prod. (Oil or Gas) Rethod of Prod. (Flow or Art. Lift) Freithand Corl Reservoir or Pool Type of Prod. (Oil or Gas) Rethod of Prod. (Flow or Art. Lift) Pre-Flow Shut-In Pressure Data Hour, Date, Shut-In 10:00 Am 4-11-05 Hour, Date, Shut-In 10:00 Am 4-11-05 Length of Time Shut-In 10:00 Am 4-11-05 Flow Test No. 1 At (hour, date)* I CO P.M. 4-15-05 Zone producing (Upper or Lower): Pressure Since* Upper Compl. Lower Compl. Temp. ZZ Hes 15 Temp. ZZ Hes 15 Temp. April # 30-045 Art. Lift Press. Psig 42 Corp. M. 4-15-05 Topen Text Topen Text Temp. April # 30-045 Text Flow Text Text Temp. Temp. April # 30-045 Text Flow Text Text Text Text Text Mid-Test Shut-In Pressure Data Hour, Date, Shut-In SI Press. Psig Text Mid-Test Shut-In Pressure Data Hour, Date, Shut-In SI Press. Psig

(Continue on reverse side)

Flow Test No. 2

Zone producing (Upper or Lower).

Time	Lapsed Time	Pre	essure	Prod. Zone	Remarks	
(Hour, Date)	Since**		Lower Compl.	Temp.		
			·, -	<u> </u>	w	
		. 4 4 1.4 	.it	,		
· ·		~				
Production rate Oil:	BOPD based	1 on	Bbls. In	Hrs	Grav GOR	
Gas:	MCFP	D; Test thru (Ori	fice or Meter):			
Remarks: I hereby certify Approved	that the informate MAY	tion herein contai	ned is true and com		of my knowledge. XTO ENERBY	
	il Conservation I	Division		, · · ·	44	
By Cha	1 Deru			By S	SE OPERTOR	
Title SUP	ERVISOR DISTRI	CT#3		E-mail Addr	ress	
	21 -		ш н	Date_ J	1-19-05	
		Northwes	t New Mexico Packer Le	akage Test Instruction	DOS	

- A nacker leakage test shall be commenced an each multiply 6 Flow Test No. 2
- 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.

Commenced at (hour date)**

- 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).