This form is <u>not</u> to be ised for reporting backer leakage tests n Southeast New Mexico

NEW MEXICO OIL CONSERVATION DIVISION

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NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Revised June 10, 2003

)perator	XTO ENERG	4		Lease Nan	ne 1	NEECH	Well No. 224
ocation Of	`Well: Unit Letter_	A Sec 13	Twp Z6 N	Rge	W	API # 30-0 3	9-06508
	Name of Res	ervoir or Pool	Type of Prod. (Oil or Gas)		Method of Prod. (Flow or Art. Lift)		Prod. Medium (Tbg. Or Csg.)
Upper Completion PKTUEFOCLIFFS, CHACRA		GAS		FLOW		TBG	
Lower Completion	mesa uerde,	"GRENHORN	GAS			FLOW	TBG
		Pro	e-Flow Shut-In Pr	essure Dat	ta_		
Upper Completio	Hour, Date, Shut-In 0900 9/19/2011		Length of Time Shut-In		SI Press. Psig		Stabilized? (Yes or No)
Lower			Length of Time Shut-In		SI Press. Psig		Stabilized? (Yes or No)
		` <i>r</i>	Flow Test N	(o. 1			
Commence	ed at (hour, date)*	1300 . 9/3			g (Up	per of Lower:	
Time (Hour, Dat	Lapsed Time le) Since*	Pre Upper Compl.	ssure Lower Compl.	Prod. Zo Temp		Remarks	951617 18 20
1300 10	1, 24	133.0	58.8			FLOWING	1334 151617 18 10 1334 151617 18 10
1300 10/		135.7	65.0			FLOWING	
	13. 72:	: 136.7	89.7			FLOWING	OIL CONS. DA
1300 10	14 96	. 137.5	75.8			FLOWING	OIL CONS. DI
1300 10	15 120	138.0	72.5			FLOWING	
1300	16 144	138.4	67.8			FLOWIN	6
Production	rate during test						•
Oil: 1.16	BOPD based	on <u>6.96</u> Bb	ls. In <u>144</u>	Hrs.		Grav.	GOR
Gas:	6.89 MCF	PD; Test thru (Ori	fice or Meter)				
		M	id-Test Shut-In P	ressure Da	ita		
Upper Hour, Date, Shut-In Completion		Length of Time Shut-In		SI Press. Psig		Stabilized? (Yes or No)	
Lower Hour, Date, Shut-In		Longth of Time Shut-In		SI Press. Psig		·Stabilized? (Yes or No)	

			Flow Lest N				
Commenced a	nt (hour, date)**			one producing (Upper or Lower):			
Time (Hour Date)	Lapsed Time Since**	Upper Compl		Prod. Zone	Remarks		
(Hour, Date)	Since	Opper Compi.	Lower Compl.	Temp.			
		1.		·			
				1	A y conservation of the second second		
	537 .				Land to the state of the state		
**							
Production rate	during test	٠, ٠	1	-			
Oil:	BOPD base	d on	Bbls. In	,Hrs	Grav. GOR		
	MCFI	D; Test thru (Ori	fice or Meter):				
Remarks:			•				
					ϵ_{ij}		
I hereby certify	that the informa	tion herein conta	ined is true and con	aplete to the best	t of my knowledge.		
Approved			20	Operator	VTD ENEDIU		
New Mexico C	Oil Conservation	Division	20	Operator XTO ENERGY			
	1 10			By Ros FRY			
By Ch	utti.	· .	A.S.,	Title LEASE OPERATOR			
Title SUPER	WISOR DISTRIC	T 44 5		E-mail Add	ress POBRE FRY & KTO ENGREY, COM		
33, 2,		Carrier St.		Date 1.6	- 10 - 2011		
		Northwe	st New Mexico Packer L				

- 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 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.
- 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).