This form is the to be useful of reporting packer leakage tests in Southeast New Mexico

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Page 1 Revised 11/16/98

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator DEVON ENERGY Lease Name NORTH EAST BLANCO UNIT Well No 68M										
Location of	Well:Unit Letter	A_Sec_35	_Twp31-N	Rge <u>7-</u>	-W_	_API # <u>30-045-334</u>	74			
	NAME OF RESE	, I	TYPE OF PROD. (Oil or Gas)		METHOD OF PROD. (Flow or Art. Lift)	PROD.MEDIUM (Tbg. or Csg.)				
Upper Completion	PICTURE CLIFF		GAS	GAS		OW	CASING			
Lower Completion	DAKOTA	GAS	GAS		OW	TUBING				
		PRE-I	LOW SHUT-I	N PRESSUR	RE D	ATA				
Upper Completion	Hour, date shut-in		Length of time s	Length of time shut-in		ress. Psig	Stabilized? (Yes or No)			
	1700 HR 5/26/06		10 DAYS	10 DAYS		0 PSIG	YES			
Lower	Hour, date shut-in		Length of time s	Length of time shut-in		ress. Psig	Stabilized? (Yes or No)			
Completion	1700 HR 5/26/06		10 DAYS	10 DAYS		8 PSIG	YES			
		······································	FLOW TE	ST NO. 1						
Commenced at (hour, date)* 0900 8/10/01 Zone producing (Upper or Lower): LOWER										
TIME ` (hour,date)	LAPSED TIME SINCE*	PRES Upper Completion	SURE Lower Completion	PROD. ZONE TEMP.		REMARKS				
1700 5/26/06	0 HRS	1220	2218			Open Dakota up to sales @ 619 4205mcf initial flow rate				
0800 5/27/06	24 HRS	1220	95			Dakota Flowing 619mcf/D				
0800 5/28/06	48 HRS	1221	110			Dakota flowing 440mcf/D				
0900 5/29//06	72 HRS	1219	84			Dakota flowing 219mcf/D				
Production r	ate during test									
	-			`						
Oil: NA BOPD base		sed on	d onBbls. ir		Hours	_GravGOR				
Gas: Dakota	a 219mcf/D @ EN	D OF TEST M	CFPD; Tested	thru (Orifice	or N	Meter): <u>METER</u>				
MID-TEST SHUT-IN PRESSURE DATA										
Upper Completion	Hour, date shut-in	Length of time	Length of time shut-in		oress psig	Stabilized? (Yes or No)				
Lower Completion	Hour, date shut-in		Length of time	Length of time shut-in		oress. psig	Stabilized? (Yes or No)			

FLOW TEST NO. 2

Commenced	d at (hour, date)	**		Zone producing (Upper or Lowr):				
TIME (hour,date)	LAPSED TIME Since**	PRESS Upper Completion	URE Lower Completion	PROD. ZONE	REMARKS			
.,								
Production ra	ate during test							
Oil: Gas:	BOPI	D based onMC	Bl FPD:Tested thru	ols. inHo (Orfice or Meter):	oursGravGOR			
Remarks:								
I hereby certi	ify that the infor AUG - 4 2		ontained is true a	and complete to the	e best of my knowledge.			
Approved	Dil Conservation E	19	Operat	or <u>: Devon Energy</u>				
New Mexico C	Onservation L	DIVISION	By <u>: Kyl</u>	e Beebe				
By Shall	1 Kin		Title: <u>P</u>	RODUCTION FOI	REMAN			
Title SUPERVISOR DISTRICT # 3				Date: 6/1/2006				

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.
- 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 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.

- 5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- 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 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 date.

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 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 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).