NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPAR

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

Completion

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NORTHWEST NEW MEXICO PACKER-LEAK Operator <u>DEVON ENERGY</u> Lease Name <u>NORTH EAST_BLANCO UNIT_</u>Well No_334

Location of Well:Unit Letter A Sec 26 Twp 31-N Rge 7-W API # 30-045-32297 NAME OF RESERVOIR OR POOL TYPE OF PROD. METHOD OF PROD. PROD.MEDIUM (Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.) Upper CASING PICTURE CLIFF GAS **FLOW** Completion Lower **DAKOTA GAS FLOW TUBING**

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 1200 HR 7/13/04	Length of time shut-in 7 DAYS	SI press. Psig 1190 PSIG	Stabilized? (Yes or No) YES
Lower Completion	Hour, date shut-in 1200 HR 7/13/04	Length of time shut-in 7 DAYS	SI press. Psig 1988 PSIG	Stabilized? (Yes or No) YES

FLOW TEST NO. 1

Commenced at (hour, date)* 0900 8/10/01				Zone producing (Upper or Lower): LOWER	
TIME (hour,date)	LAPSED TIME SINCE*	PRE:	SSURE Lower Completion	PROD. ZONE TEMP.	REMARKS
000 7/20/04	0 HRS	1190	1988		Open Dakota up to sales @ 364 MCFPD
0800 7/21/04	24 HRS	1190	138		Dakota flowing to sales @ 410 MCFPD
0800 7/22/04	48 HRS	1188	137		Dakota flowing to sales @ 766 MCFPD
0800 7/23/04	72 HRS	1195	132		Dakota flowing to sales @ 875 MCFPD

Production rate during test

Oil:	NA	BOPD based on	Bbls. in	Hours	Grav	GOR
Gas:_	850 @ E	ND OF TEST MCFPD; Tested	thru (Orifice or Met	er): METER		

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in	Length of time shut-in	SI press psig	Stabilized? (Yes or No)
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

FLOW TEST NO. 2

Zone producing	Zone producing (Upper or Lowr):				
PROD. ZONE	REMARKS				
BOPD based on Bbls. in Hours. Grav. GOR MCFPD:Tested thru (Orfice or Meter):					
d is true and complete to the	e best of my knowledge.				
Operator: Devon Energy					
By: Kyle Beebe					
Title: SENIOR SYSTEMS TECH					
Date: 8/1/04					
	Bbls. in Hosted thru (Orfice or Meter): d is true and complete to the Operator: Devon Energy By: Kyle Beebe Title: SENIOR SYSTEMS				

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).