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

Oil Conservation Division

Northwest New Mexico Packer-Leakage Test

Page 1 Revised June 10, 2003

Operator CO	P			Lease	Name LUDV	VICK L	S			Well No. 13
Location of W	ell: Unit	Letter G S	Sec	05	Twp 029N	R	ge	010W	API	# 30-045-08781
	1	Name of Reservoir or Poo	ol		Type of Prod			Method of Prod		Prod Medium
Upper Completion	PC			Gas			Flow			Tubing
Lower Completion				Gas			Flow		1	Tubing
			Pre	-Flow S	hut-In Pressu	re Data	a			14.16
Upper Completion		ate, Shut-In 1/2015		Length o	f Time Shut-In			s. PSIG	235	Stabilized?(Yes or No) Yes
Lower Completion	Hour, Date, Shut-In 8/1/2015			Length of Time Shut-In 240 hours			SI Press. PSIG 238			Stabilized?(Yes or No) Yes
				Flo	w Test No. 1					
Commenced	at:	8/11/2015			Zone Pro	oducing	(Upper	or Lowe	er): LO	WER
Time (date/tim	ne)	Lapsed Time Since*	Uppe	PRES er zone	SURE Lower zone	Prod Zone Temperature		Remarks		
8/11/201	5	0	235		238			Begin flow on lower zone. Csg 241. Flow 18 mcfd		
8/12/201	5	24		235	197			Csg 239	. Flow 13	31 mcfd
8/13/201	5	48	:	235	108		Csg 238. Flov		. Flow 10	8 mcfd
8/14/2015		72	:	235	100			Csg 238, Flow 90		mcfd.
8/16/2015 120		120	235		95			Csg 238, Line p		96, flow 71 mcfd.
Production rat	e during	test								
Oil:	BPOD	Based on:	Bbls. In		Hrs.		Grav.			GOR
Gas		MCFPD; Test to	hru (Orit	fice or M	eter)					
			Mic	I-Test S	hut-In Pressu	re Data	a			
Upper Completion	Hour, D	ate, Shut-In			f Time Shut-In			s. PSIG		Stabilized?(Yes or No)
Lower Completion	Hour, D	ate, Shut-In	Length of		Time Shut-In		SI Press. PSIG			Stabilized?(Yes or No)
10-5-		(tal		(Continu	e on reverse :	side)			OII CO	NS DIV DIST 2

AUG 27 2015

Flow Test No. 2

Zone Producing (Upper or Lower)

arks
GOR
24 17, 114
459

NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

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:

- 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.
- 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 lack of a pipeline connection the flow period shall be three hours.
- 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 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.

Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time

remain shut-in while the zone which was previously shut-in is produced.

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

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 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).

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