

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

November 26, 2007

Sharon Zubrod Burlington Res. O&G Co. PO Box 4289 Farmington NM 87499

Re: Rattlesnake Canyon # 1A, P 32-32N-08W, API 30-045-23368

Dear Sharon:

The 2007 Packer Leakage Test on the referenced well indicates communication between the producible zones.

In order to comply with Rule #112A, you are hereby directed to initiate remedial activity and retest the well to show separation of the zones prior to February 29, 2008.

Reference EHV0733042439 on all future correspondence

Notify the Aztec OCD in time to witness the retest.

Thank you,

Henry Villanueva

Deputy Oil & Gas Inspector

CC: BLM Well File 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 Bur	lington R	esources Oil & Gas	Co. Leas	se Name RAT	TLESNAKE (CANYON	Well No. 1A	
ocation of W	ell: Unit	Letter P S	Sec 32	Twp032N	N Rge	W800	API# <u>30-045-23368</u>	
	1	Name of Reservoir or Poo)	Туре		Method	Prod	
				of Prod		of Prod	Medium	
Upper Completion	PC	PC		Oil			Casing	
Lower Completion	MV		Oil		Flov	N	Tubing	
			Due Fleur	Chut la Dasse	D-4-			
Upper	Hour D	ate, Shut-In		Shut-In Pressure of Time Shut-In		ress. PSIG	Stabilized?(Yes or No)	
Completion		29/2007		hours	3111	ess. 1 510	No	
Lower		ate, Shut-In		of Time Shut-In	SI Pi	ess. PSIG	Stabilized?(Yes or No)	
Completion)	29/2007	' '	15 hours		ow	No	
	-		Fic	ow Test No. 1				
Commenced	at: 5/29	9/2007 3:20:00 PM		Zone Pro	oducing (Upp	er or Lower):	Lower	
Time		Lapsed Time	PRES	SSURE	Prod Zone		· · · · · · · · · · · · · · · · · · ·	
(date/tim	ie)	Since*	Upper zone	Lower zone	Temperatur	е	Remarks	
5/29/2007 3:20:00 PM		0	140.2	110.4		initial shut in	initial shut in	
5/31/2007 1:51:33 PM		46	238.9	238.9				
6/1/2007 11:53:11 AM		68	251.5	251.4				
6/4/2007 12:03:00 PM		141	251.5	251.5		stabilized	stabilized	
6/5/2007 11:32:00 AM		164	174.3	142.4		opened well or	opened well on 6/4/07	
6/6/2007 2:52:00 PM		191	147.3	133.6	well looks as if it has communicat		it has communicated.	
6/7/2007 11:35:00 AM		212	146.7	134.1	upper zone still d		I dropping	
roduction rate	e durina t	est						
	_		Dhia in	11		C	COD	
41:	il:BPOD Based on:Bbls			3. InHrs		Grav.	GOR	
ias		MCFPD; Test th	ru (Orifice or M	fleter)				
				Shut-In Pressu				
Upper Completion	Upper Hour, Date, Shut-In ompletion		Length	Length of Time Shut-In		ess. PSIG	Stabilized?(Yes or No)	
Lower Hour, Dat		ite, Shut-In	Length	of Time Shut-In	SI Pro	ess. PSIG	Stabilized?(Yes or No)	
			(Contin	ue on reverse s	side)		PECCH : 5	
		FA; hual				2793031	NOV 2007 To 75 6	
		1	ί,			/60	OIL CONSTANT	
						\	[E. 100]	

Flow Test No. 2

Commenced at:			Zone Pro	Zone Producing (Upper or Lower)						
Time	Lapsed Time	PRESSURE		Prod Zone						
(date/time)	Since*	Upper zone	Lower zone	Temperature		Remarks				
•										
				<u> </u>	-					
Production rate during	test									
Oil: BPOD	BPOD Based on:		Hrs.	(Grav.	GOR				
Gas										
Remarks: Well built up pressure i line and had no flow lin communicating						sconnected from sales he test. May be				
I hereby certify that the	information herein co	ontained is true	and complete	to the best of i	my knowledge.					
Approved:	ive	20		Operator: Burlington Resources Oil & Gas Co.						
New Mexico Oil Cor	nservation Division		Ву:	By: Fasho Trujillo						
Ву:				Title: Multi-Skilled Operator						

NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

Date:

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

Title:

- 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 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

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

Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1 Procedure

Monday, October 01, 2007

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 conclusion of each flow period. 7-day tests: 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 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