STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT This form is not to

be used for reporting packer leakage tests in Southeast New Mexico

OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

								Wel	1	
Operator	BURLINGTON RE	SOURCES OIL &	GAS CO.		Lease	BROOKHAVE	N COM	No.	7A	
Location										
of Well:	Unit I	Sect 36	Twp.	027 N	Rge.	008W	County SAN	N JUAN		
	N	AME OF RESERVO	IR OR POOL		TY	PE OF PROD.	METHOD O	F PROD.	PROD. MEDIUM	
						(Oil or Gas)	(Flow or A	rt. Lift)	(Tbg. or Csg.)	
Upper Completion	CHACRA				. – .– .	Gas	Flow		Casing	
Lower Completion	MESAVERDE					Gas	Flow		Tubing	
			PRE-FL	OW SHUT-IN	I PRESS	URE DATA				
Upper	Hour, date shut-	in Length	Length of time shut-in 72 Hours			ess. psig	Stabilized? (Yes or No)			
Completion	09/27/200					395				
Lower Completion	09/27/200	02	120 Hour	s		320				
				FLOW TES	ST NO. 1					
Commence	d at (hour,date)*		9/30/2002			Zone producing	(Upper or Lower)) UPPER		
TIME	LAPSED TI	ME	PRESSURE			PROD. ZONE				
(hour.date)	SINCE*	Upper C	Upper Completion Lower Com			TEMP		REMARK	S	
10/01/2002	96 Hour	s 1	140 320			·	Turned Charca on for flow			
10/02/2002	120 Hou	rs 1	38	320	· · 		Made 136 m	ncf in the last 2	24 hrs	
					5911		Made 108 mcf in the last 24 hrs. Turned MV			
				105 C	 <u>193 ()</u>					
	<u> </u>				i	40	_			
Production rat	a during test		··					· · · ·		
rroductionrat	e during test									
Oil	BOPD ba	sed on	Bbls. in		Hours.		Grav.	G	OR	
Gas:		MCFPD; 1	ested thru (Or	ifice or Meter): 					
			MID-TE	ST SHUT-IN	PRESSU	RE DATA				
Upper Completion	Hour, date shut-i	in Length o	of time shut-in			ess. psig	Stabi	ilized? (Yes or 1	No)	
Lower Completion	Hour, date shut-i	in Length o	of time shut-in		SI pre	ss. psig	Stabi	ilized? (Yes or I	No)	
3457201 313				Continue on 1	reverse si	de)				

FLOW TEST NO. 2

Commenced at (hour, da	ate)**		Zone producing (Upper or Lower):				
TIME	LAPSED TIME	PRESSURE		PROD. ZONE	REMARKS		
(hour, date)	SINCE **	Upper Completion Lower Completion TEMP.		n IEMP.	TABLE STATE		
							
		ļ					
		 					
D 1 2 2 2 3							
Production rate cu	ring test						
Oil:	В	OPD based on	Bbls. in	Hours	Grav GOR		
Gas:		MCFP:	D: Tested thru (C	orifice or Meter):			
D amortis							
Xemarks.							
hereby certify that	at the information he	erein contained is true	and complete to	the best of my knowled	ge.		
	001 -	<u> </u>	0	Operator Burling	ston Docouroos		
			9	Operator <u>Burning</u>	1 ·		
	il Conservation Div			By Mario	llow		
(ANE)	The Marian Section			·	-0		
Ву				Title Operations	Associate		
ر. يا <mark>ئېدىنىڭار</mark> ى							
litle	- 1 (現代がような) - 1 (日本) - 1 (日			Date Friday, Octo	ober 04, 2002		

NORTHWEST NEWMEXICO 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 :est 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.
- 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 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.
- 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).