STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

								Weil		
Operator	Burlington Reso	urces Oil & G	as CO.	Lease	HUERFANI	TO UNI	T	No	102	
Location				•						
of Well:	Unit M Sect	34 Twp.	027N	Rge.	009W	County	SAN JUAN			
	NAME OF R	ESERVOIR OR POOL		TY	PE OF PROD.	метно	DD OF PROD.	PROD. M	EDIUM	
					Oil or Gas)	(Flo	w or Art. Lift)	(Tbg. or	Cag.)	
Upper	1		-				-	•		
Completion	100000 20	t 1990			GAS		FLOW	TI	3G	
Lower		7			!					
Completion	DAKOTA /				GAS		FLOW		3G	
		PRE-	FLOW SHUT-IN	PRESS	URE DATA		· · · · · · · · ·			
Upper	Hour, date shut-in	Length of time shut-in	, .	SI press	. psig	Stabilized? (Yes or No)				
Completion	11-15-96	5	120 h15	1096			Ve 3			
Lower		_ ′	,			\sim	l ′	_		
Completion	11-15-96	5	72. hrs	_ €	18	0	11-15			
	,		FLOW TEST N	0. 1						
Commenced at	t (hour,date)*				Zone producing (Upper of Lower)					
TIME	LAPSED TIME	PRESS	SURE	IRE]				
(hour,date)	SINCE*	Upper Completion	Lower Completion	on TEMP			REMARI	CS		
D NO.		1096	456	50						
118	72 his.		333							
100.19	96 hrs.	1096	419							
704.20		10961	410				•			
	120 hrs.	5	133							
					ŀ	İ				
					1					
		<u> </u>			<u></u>	<u> </u>				
Production r	rate during test									
Oil:	BOPD based on	Bbis.	in	Hours.		Grav.		GOR		
	-									
Gas:		MCFPD; Tested the	ru (Orifice or Me	ter):						
		MID	TEST SHUT-IN	PRESS	URE DATA					
Upper	Hour, date shut-in	Length of time shut-in	Length of time shut-in			SI pres. psig			Stabilized? (Yes or No)	
Completion										
Lower	Hour, date shut-in	Length of time shut-in		SI press	SI press. psig Stabilized? (Yes or No)					
Completion										

(Continue on reverse side)





FLOW TEST NO. 2

			FLOW 1E31	NO. 2					
Commenced a	t (hour.date)**		·	Zone producing (Upper or Lower):					
TIME	LAPSED TIME	PRI	ESSURE	PROD. ZONE			٦		
(hour.date)	SINCE**	Upper Completion	Lower Completion	TEMP.		REMARKS			
			<u> </u>				┪		
						_	\dashv		
				İ					
			<u> </u>				_		
	<u></u>	_							
							į		
				-		 ,			
					•				
							\neg		
Production i	rate during test						_		
	č								
Oil:	ROPD has	sed on	Bbls. in	Hours.	Grav	GOR			
Gas:			sted thru (Orifice or N		GIAV		_		
Remarks:		MCFFD, Te	sted dira (Office of r	victer):					
Kemaras.							_		
		_					_		
I hereby cer	tity that the informa	ation herein contained	d is true and complete	to the best of my know	wledge.				
			7						
Approved	John	Relainsen	19	Operator Burlingt	on Resources	Oil & Gas Co.	-		
	7								
New Mexico Oil Conservation Division			ву Dolores Diaz						
	JAN	3 1997					_		
Ву		To the second se		Title Operation	ons Associate	s Associate			
	O S DUTY	O AR MERCATOR					_		
Title	DEPUTY CH.	8 GAS INSPECTOR	and the	Date Licente	1s 18 100.	4			
	L			_ Date to Guillian	C 10, 1779	<i></i>			

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A pacser 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 connected on all multiple completions within seven days following recompletion and/or chemical or frac-ture 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 shar-in. Such test shall be continued for seven days if the case of a gas well and for 24 hours in the case of an oil well. Note: if, or 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.
- 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

<u> Barandan - Santan Barangara, mandakan makan barangan barangan Barang mangguna santan salah salah salah salah barang</u>

- 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 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 gaz 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 of 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).