30-045-10599

STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT This form is not to be used for reporting

packer leakage tests or Southeast New Mexico

OIL CONSERVATION DIVISION

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NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

											Well	
)perator <u>B</u>	BURLIN	GTON	RESOURCE	ES OIL & GA	S CO.		Lease	EAST			No.	
ocation												
of Well:	Unit	Α	Sect	24	Twp.	031N	Rge.	012W	County	SAN JUAN		
			NAME OF	RESERVOIR	OR POOL	_	T	YPE OF PROD.		OD OF PROD.	į	D. MEDIUM
							-	(Oil or Gas)	(Flov	or Art. Lift)	(1	hg. or Csg.)
Upper Completion	PIC	TURED	CLIFFS				Gas		Flow		Casing	
Lower Completion	DAKOTA						Gas		Artificial		Tubing	
					PRE-F	LOW SHUT-IN	PRESS	URE DATA				
Upper	Hou	r, date sl	nut-in	Length of time shut-in			SI press. psig			Stabilized? (Yes or No)		
Completion		6/27/97		240 Hours			455			<u>.</u> .		
Lower Completion		6/27	' <i>i</i> 97	120 Hours				505				
						FLOW TE	ST NO.					
Commenced					7/2/97			Zone producing	(Upper or L	ower) LC	WER	
TIME		LAPSED TIME		PRESS		SURE		PROD. ZONE	i			
(hour,date)		SINCE*		Upper Completion Lo		Lower Compl	etion	TEMP		REN	IARKS	
7/3:97		144 Hours		455		305			: 			
7/7:97		240 Hours		455		281						
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								· =				
Production rate	e during	test						·—————————————————————————————————————		-		
)il:	BOPD based on			Bbls. in			Hours.		Grav.		GOR	
Fast				MCFPD; Te	sted thru (0	Orifice or Meter)	: _			minima viene -		
					MID-	TEST SHUT-IN	PRESS	URE DATA				
Upper Completion	Hou	ur, date shut-in Length of time shut-in				: SI p	ress. psig		Stabilized? (Yes or No)			
Lower Completion	Hou	r, date s	hut-in	in Length of time shut-in				ress. psig		Stabilized? (Yes or No)		

(Continue on reverse side)

FLOW TEST NO. 2

t (hour,date)**			Zone producing (Upper or Lower):						
LAPSED TIME	PR	ESSURE	PROD. ZONE						
SINCE**	Upper Completion	Lower Completion	ТЕМР.	REMARKS					
	_								
ate during test									
BOPD base	ed on	Bbls. in	Hours.	Grav. GOR					
· · · · · · · · · · · · · · · · · ·	MCFPD; Te	sted thru (Orifice or	Meter):						
									
ify that the informat	tion herein contained	d is true and complet	e to the best of my kr	iowledge.					
			0		1				
		19	Operator /	unction Tresonseus. Il	al				
UE	C 2 9 1997			N-					
co Oil Conservation	Divi s ion		By Wal	ors play					
O(R)	101		Ti Dou	1- (1)					
gann	no toplian	~ · · · ·	Title Exert	TIM WWWW.					
Deputy	Oil & Gas Ins	pector	Date						
	ate during test BOPD base ify that the informatic co Oil Conservation	BOPD based on MCFPD; Te ify that the information herein contained to Oil Conservation Division Although Roberts BANNY Roberts PR Upper Completion WCFPD; Te	APSED TIME SINCE** Upper Completion Lower Completion ate during test BOPD based on Bbls. in MCFPD; Tested thru (Orifice or information herein contained is true and completing that the information herein contained is true and completing the information herein contained is true and contained is true and contained is true and contained is true and cont	APSED TIME SINCE** Upper Completion Lower Completion TEMP. TEMP.	ALAPSED TIME PRESSURE PROD. ZONE TEMP. REMARKS TEM				

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 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
 potitied.
- 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 if 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.
- 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 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 1001/78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).