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

Revised 10-1-78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

								MeTT			
	Southland Roya	alty (Company		.ease	Reid		No. 19			
Location	ion 11: Unit B Sec. 18 Twp.			20NI Dan OM			Count	County Can Tuan			
or Well: U	nit_B_Sec	18 1	wp		^{ge} •—	Yot bod	County	Prod Modium			
	No. of Dec.		n 3	Type of Prod	1. \ /	method Elektron	or rrod.	Prod. Medium			
Filanon I	Name of Rese	rvoli	or P001	(Ull or Gas		rlow or	APC. LIIC).	(Tbg. or Csg.)			
Upper	Dlange Megarres	-d-		Can		10	17~•	Com			
Completion Blanco Mesaverde Lower			Gas		Flow		Csg				
Completion Basin Dakota			Gas		ים	low	Tha				
PRE-F				ON SHUT-IN PRESSURE DATA		10W	de la companya de la				
Upper Hour, date Length			of SI pro		SI pre	58.	Stabilized?				
Compl Shu	mpl Shut-in 9-1-79 time shu		t-in 72 Hrs.		psig Csq. 472		(Yes or No)				
Lower Hour, date Length Compl Shut-in 9-1-79 time shut			of SI p		SI pre	88.	Stabilized?				
Lower Hour, date Length of Compl Shut-in 9-1-79 Length of Length of To Bress. Stabilized? (Yes or No)								(Yes or No)			
FLOW TEST NO. 1 Commenced at (hour, date)* 9-4-79 Zone producing (**** or Lower): Lower											
Time	(nour, date)		1-4-19 Pres	Silre	Zone producing (**** or Lowe Prod. Zone						
(hour date) since*	Uppe	r Compl.	Lower Compl.	Ter	ID.	Ren	arks			
Thous, days	7 521.00	1 SPP S	1 00	20.01 000.21	1						
9-2-79		Csg.	394	Tbg. 394	<u> </u>						
9-3-79		Csg.	460	Tbg. 471	 						
0.4.70			473	mbe: 407	•						
9-4-79		Csg.	472	Tbg. 487	 -						
9-5-79	24 Hrs.	Cen	476	Tbg. 312							
	24 111.3.	15.53.			 						
9-6-79	48 Hrs.	Csg.	478	Tbg. 312							
		1									
		1			J						
Production	rate during te	st		71.3 .		••	0	(707)			
Oil:	BOPD b	ased (on	Bbls. in_	Ma	+ - The	5•ura	vGOR			
Gas:	· · · · · · · · · · · · · · · · · · ·	MCFPD	; lested	thru (Orifice EST SHUT-IN PR	recita	E DATA					
Upper Hour,				of			35.	Stabilized?			
Compl Shut	-in		time shu	t-in	-in D			(Yes or No)			
Lower Hour,			Length	of SI		SI pres	68.	Stabilized?			
				t-in			(Yes or No)				
				FLOW TEST N	0. 2		711	Tauca V			
						Zone pr	roducing (uppe				
	(hour, date)	**	Dwoo					r or Lower):			
Time	Lapsed time		Pres	sure	Prod	. Zone					
Time	Lapsed time		Pres	sure Lower Compl.	Prod	. Zone					
Time	Lapsed time		Pres r Compl.	sure Lower Compl.	Prod	. Zone					
Time	Lapsed time		Pres	Sure Lower Compl.	Prod	. Zone					
Time	Lapsed time		Pres	sure Lower Compl.	Prod	. Zone					
Time	Lapsed time		Pres	sure Lower Compl.	Prod	. Zone					
Time	Lapsed time		Pres	Sure Lower Compl.	Prod	. Zone					
Time	Lapsed time		Pres	sure Lower Compl.	Prod	. Zone		arks			
Time	Lapsed time		Pres	sure Lower Compl.	Prod	. Zone	Rem	octensor			
Time	Lapsed time		Pres	Sure Lower Compl.	Prod	. Zone	Rem	OCTSG1528			
Time	Lapsed time		Pres	Sure Lower Compl.	Prod	. Zone	Rem	octensor			
Time	Lapsed time		Pres	Sure Lower Compl.	Prod	. Zone	Rem	OCTSG1528			
Time (hour, date)	Lapsed time since **	Uppe	r Compl.	Lower Compl.	Prod Te	. Zone	Rem	OCT SA 1970 DIL GON GALA.			
Time (hour, date) Production	Lapsed time since ** rate during te	Uppe	r Compl.	Bbls. in	Prod Te	. Zone	Rem	OCT SA 1970 DL GON COM. DIST. 3			
Time (hour, date) Production	Lapsed time since ** rate during te	Uppe	r Compl.	Bbls. in	Prod Te	. Zone	Rem	OCT SA 1970 DL GON COM. DIST. 3			
Time (hour, date) Production Oil Gas:	Lapsed time since ** rate during te	Uppe	r Compl.	Lower Compl.	Prod Te	. Zone	Rem	OCT SA 1970 DL GON COM. DIST. 3			
Time (hour, date) Production Oil Gas:	Lapsed time since ** rate during te	Uppe	r Compl.	Bbls. in	Prod Te	. Zone	Rem	OCT SA 1970 DL GON COM. DIST. 3			
Time (hour, date) Production Oil Gas:	Lapsed time since ** rate during te	Uppe	r Compl.	Bbls. in	Prod Te	. Zone	Rem	OCT SA 1970 DL GON COM. DIST. 3			
Time (hour, date) Production Oil Gas: REMARKS:	Lapsed time since ** rate during te	Uppe:	on	Bbls. in d thru (Orifice	Prod Te	Hrs.	Rem.	OCTSO 1970 OL GON GOM. DIST. 3			
Time (hour, date) Production Oil Gas: REMARKS:	Lapsed time since ** rate during te	Uppe:	on	Bbls. in d thru (Orifice	Prod Te	Hrs.	Rem.	OCT SA 1970 DL GON COM. DIST. 3			
Time (hour, date) Production Oil Gas: REMARKS:	Lapsed time since ** rate during te BOPD b	Uppe:	on	Bbls. ind thru (Orification	Prod Te	Hrs. Meter):	Grav.	OCISATOR OCISATOR OLL GOME GOM. DIST. 3 GOR o the best of my			
Time (hour, date) Production Oil Gas: REMARKS: I hereby center the content of th	Lapsed time since ** Tate during te BOPD be compared to the bold of the bold	Uppe:	on	Bbls. ind thru (Orification	Prod Te	Hrs. Meter):	Grav.	OCISATOR OCISATOR OLL GOME GOM. DIST. 3 GOR o the best of my			
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Time (hour, date) Production Oil Gas: REMARKS: I hereby cer knowledge. Approved: Oil Conserv	tify that the	Uppe:	on	Bbls. in thru (Orification Contains Department) By	e or	Hrs. Meter):	Grav. Grav. and complete teland Royalty Comes Quint	OCT SALES OCT SALES OLL COM CALA. DIST. 3 GOR company			
Time (hour, date) Production Oil Gas: REMARKS: I hereby cel knowledge. Approved: Oil Conserv By Original	Lapsed time since ** Tate during te BOPD by the since with the BOPD by the since with the since	Uppe: Uppe: sst ased MCFP	on	Bbls. ind thru (Orification	e or	Hrs. Meter):	Grav.	OCT SALES OCT SALES OLL COM CALA. DIST. 3 GOR company			
Production Oil Gas: REMARKS: Approved: Oil Conserv	Lapsed time since ** Tate during te BOPD be compared to the bold of the bold	Uppe: Uppe: sst ased MCFP	on	Bbls. in d thru (Orifice Opera By	e or	Hrs. Meter):	Grav. Grav. and complete teland Royalty Comes Quint	OCTSANO OCTSANO OLL COM COM. DIST. 3 GOR			

NUMBER OF NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. Upgaver leakage test shall be commenced on each multiply completed oil with some days after actual completion of the well, and annually the first a prescribed by the order authorizing the multiple completion. Since the self-lake recommenced on all multiple completions within some agent following reportletion and/or chemical or fracture treatment, the reservoir following technication and/or chemical during which the packer of the functional work has been done on a well during which the packer of the function have been disturbed. Tests shall also be taken at any time to the function of a second or when requested by the Division.

2. In least 72 hears prior to the commencement of any packer leakage test, the over-the shall notify the bryision in writing of the exact time the test. It is a superfied. Offset operators shall also be so notified.

. The leaker leakage test shall commence when both zones of the dual completion are state in for pressure stabilization. Both zones shall remain shall it artification which are said and has stabilized, provided that it is they need not remain shuthin more than seven days.

4. The line Test Me. 1, one zone of the dual completion shall be produced at the horself rate of production while the other zone remains shuthin, and there will be continued for seven days in the case of a gas well and car 74 nours in the case of an oil well. Note: If, on an initial packer there there is a swell is round flowed to the atmosphere due to the lack which is convection the flow period shall be three hours.

. The well shall again be shutton of Flow Test No. 1, the well shall again be shutton in militarity with Paragraph 3 above.

*: [...] stinc. I shall be conducted even though no leak was indicated further limitest No. 1. Procedure for Flow Test No. 2 is to be the same of the limit to limit the provincisty produced zone shall reference that the provincisty produced zone shall reference that the limit zone which was provincisty shall 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-hour tests: immediately prior to the beginning of each flow-puried, at lifter-runute intervals during the first hour thereof, and at hearly intervals there after, 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 identifying 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 isal completion, the recording gauge shall be required on the oil zone ofly, with deadweight pressures as required above being taken on the gas zone.

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 After District Office of the Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 10-1-78, with all deadweight pressures indicated thereon as well as the flowing temperatures loss zones only) and gravity and GOR (oil zones only). A pressure versus time curve for each zone of each test shall be constructed on the reverse side of the Packer Leakage Test Form with all deadweight pressure points taken indicated thereon. For oil zones, the pressure curve should also indicate all key pressure changes which may be reflected by the recording cause charts. These key pressure changes should also be tabulated on the front of the Packer Leakage Test Form.

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