NEW MEXICO OIL CONSERVATION COMMISSION

PACKER LEAKAGE TEST (SAN JUAN BASIN)

Lease J. Apache	treleum Cerp. Po	ool (Uppei ool (Lowei	c Completion c Completion	1) Picti		
Location: Unit		•	-		County, N	Mex.
		Test Shu			-	
			 Jpper Comple	stion	Lower Com	alotion
~			-	3 (1011	_	
Shut-in (date) Pressure Measured	(Dwt) (date)	• • • • -	7-25-56		7-25-56	
Plessife measured		•			940	
	$\underline{\mathbf{F1}}$	ow Test No	<u>). 1</u>			
Test commenced at	(hour date) 16	.00 AM 11_1	-56	Choke	size 1_	1 /2#
Test commenced at Completion produci	ng Laventana	(ompletion s	shut-in	Picture (1)	itt
-						
		ŧ	Jpper Comple	etion	Lower Com	pretion
Pressure at beginn	ing of test		830	psi	940	psi
Maximum pressure d	uring test	· · · · <u> </u>	830	psi	670	psi
Minimum pressure d	uring test	· · · -	825	psi	110	psi
Pressure at end of			830	psi	110	psi psi
Maximum pressure c			sed on	psi BO in	839	hours
Oil flow rate duri Gas Flow rate duri	ng test:	BOPD bas	sed on		<u> </u>	
	Choke volum	e	MCFD; Me	eter vol	ume	MCFD.
						_
	Mid	-Test Shu	<u>t-1n</u>			
		1	Upper Comple	etion	Lower Com	pletion
Shut-in (date)		• 3 0 0	11-1-56		11-1-56	
Pressure measured					939	
	r1.	ow Test No	n 2			
				Ohal	aima 9/1	
Test commenced at			10:45 AM	Chor.	ke size 3/1 -in La Vend	<u> </u>
Completion produci	ng Pieture Cili					
		Ĩ	Upper Compl	etion	Lower Com	pletion
				_		
Pressure at beginn	ing of test		860	psi	939	psi
Pressure at beginn Maximum pressure d			860 860	psi psi	939	psı psi
Pressure at beginn Maximum pressure d Minimum pressure d	uring test		860 860 16		939 940 939	
Maximum pressure d Minimum pressure d Pressure at end of	uring test uring test		860	psi	940	psi psi psi
Maximum pressure d Minimum pressure d Pressure at end of Maximum pressure c	uring test uring test test hange during t	est	860 16 16 844	psi psi psi psi	940 939 940 1	psi psi psi psi
Maximum pressure d Minimum pressure d Pressure at end of Maximum pressure c Oil flow rate duri	uring test uring test test hange during to ng test:	est	860 16 16 844	psi psi psi	940 939 940 1	psi psi psi
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INSTRUCTIONS

NORTHWEST NEW MEXICO ONLY)

- At least seventy-two hours prior to the commencement of this test, the operator shall have notified the Aztec Office of the Oil Conservation Commission in writing of the exact time said test is to be commenced.
- 2. The packer leakage test shall commence with both sides of the completion shut-in. Both sides of the completion must be shut-in at least seven days. This shut-in must show on the charts of the pressure recorder and also must appear on the data sheets.
- 3. For Flow Test No. 1, one side of the dual completion shall be produced with the other side shit-in. Such test shall be continued for seven days and shall be at a rate of flow approximating the normal rate of flow for the zone being produced. Note: Where gas is flowed to the atmosphere in taking the initial packer test, the well shall be flowed for three hours.
- 4. Following the completion of flow test No. 1, the well will again be southin for seven days.
- 5. Flow Test No. 2 shall be performed with the previously shut-in side of the dual completion flowing and with the flowing side of the completion used in Flow Iest No. 1 remaining shut-in. This test shall be conducted exactly as outlined under Flow Test No. 1, and must be performed even though no leak was indicated by Flow Test No. 1.
- 6. All pressures, throughout the entire test, must be continuously measured and recorded with recording pressure gauges.
- 7. The accuracy of the recording gauges shall be checked at regular intervals throughout the test with a dead weight test gauge (Dwt), and such readings shall be recorded on the test data sheet provided.
- 8 This form wast be completed and filed in duplicate with the Aztec Office of the Oil Conservation Commission within 15 days following the completion of the testing, and must be accompanied by:
 - a. all of the charts, or copies thereof, used on the pressure recorders during the test.
 - The test data-sheet (s), or copies thereof, required under paragraph 7 above.
 - changes, for both sides of the completion over the entire test.

9. This packer leakage test shall be performed upon the dual completion of any new wells so approved by the Commission. This test shall also be required each year during the annual deliverability test on gas wells. This test shall be required the annual deliverability test on mission has sufficient information on the dual completions in San luan Basin on which to base a implific published test. The Commission may also request particles at any time they feel that a new test is desirable.

to Land Office

