NEW MEXICO JIL CONSERVATION COMMISSION

PACKER LEAKAGE TEST

OperatorTidewate	e dil Company	_Fool (U	pper Comple	etion)	- Matis Dri r	ierd	
Lease <u>B. Contes</u>	Well_2	_Pool (L	ower Comple	etion)	Justis Pass	eluan	
Location: Unit, S	524, T259 R379	•••••	Lea		Cc	ounty, N. M.	
	Pre-T	<u>est Shut</u>	<u>-In</u>				
			Upper Com	cletion	Lower Compl	Letion	
Shut-in at (hour, dat	e)			11-3-58	-3+15-PH-11	-3-58	
Pressure stabilized at (hour, date)						-8+00 AM 11-4-58	
Length of time requir	ed to stabilize (hou	ars)	· <u>16.</u>	25	16.2	5	
	Flow	Test No.	1				
Test commenced at (hc	our. date)9	LO AM. J	1/1/58		Choke size	10/64	
Completion producing_		pletion	shut-in	Drink	ard		
		÷ •	er Complet		Lower Comp.		
Stabilized pressure a				psi	475	psi	
Maximum pressure duri				psi	550	psi psi	
Minimum pressure duri					550	psi	
Pressure at end of te Maximum pressure char						psi	
Oil flow rate during					10.25	hours.	
Gas flow rate during	test: 59.80 MCFPD	based on	25.51	_MCF in_		hours.	
		Test Shut					
			Upcer Com	rletion	Lower Comp.	letion	
Shut-in at (hour, dat	te)		~		8:30 PM	11-4-58	
Pressure stabilized a							
Length of time requir	red to stabilize (hou	irs)	•		11.5		
	Flow	Test No.	2				
Test commenced at (ho	our. date) 2:40 P	H 11/5/	/58		Choke size	11/64	
Completion producing_	Drinkard (Completic	on shut-in_				
			er Complet		Lower Comple	etion	
Stabilized pressure a	at beginning of test.		1050	psi		psi	
Maximum pressure duri				psi	<u> </u>	osi	
Minimum pressure dur				psi	<u> </u>	psi psi	
Pressure at end of te			<u> </u>	psi	<u> </u>	osi	
Maximum pressure char Oil flow rate during				B0 in		hours.	
Gas flow rate during	test: 59.62 MCFPD	based on	55.27	_MCF in_		hours,	
	Robert N. Miller				Engineer		
	T	, <u> </u>					
Witnessed by	James A. Tilton		Title	rumper	- 1.98.		
REMARKS:		<u></u>	····				
					<u></u>		

NOTE: Recording gauge pressure charts, test data sheet, and a graphic depiction of all phases of the test shall be submitted with this report.

AFFIDAVIT:

I HEREBY CERTIFY that all conditions prescribed by Oil Conservation Commission of the State of New Mexico for this packer leakage test were complied with and carried out in full, and that all dates and facts set forth in this form and all attached material are true and correct.

te witt vone	For	Tidewater Oil Company	
(Representative of Company Making Test)		(Company Making Test)	
SWORN TO AND SUBSCRIBED before me this the	13thday of	November ,	19 _58

Harold	E. Wile	on n.
Notary Public in	and for th	e County of Les
State of	New Mexic	•

(OVER)

4-1-56

INSTRUCTIONS (SOUTHEAST NEW MEXICO ONLY)

- 1. At least 24 hours prior to the commencement of this test, the operator shall notify the District Office of the Cil 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 a sufficient length of time to allow for complete stabilization of both wellhead pressures, and for a minimum of 2 hours thereafter- this minimum of 2 hours shut-in must show on the charts of the pressure recorder and also must appear on the data sheet.
- 3. For Flow Test No. 1, one side of the dual completion shall be produced with the other side shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of 2 hours thereafter, and shall be at a rate of flow approximating the normal rate of flow for the zone being produced.
- 4. Following the completion of flow test No. 1, the well will again be shut-in, and remain so until the wellhead pressures have again become stabilized and for a minimum of 2 hours thereafter.
- 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 test number 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, and such readings shall be recorded on the test data sheet provided.
- 8. For any well on which the wellhead pressures will not stabilize in (24) twenty four hours or less, the minimum producing or shut-in time allowed for stabilization shall be (24) twenty-four hours.
- 9. This form must be completed and filed in duplicate with the District 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.
 - b. the test data-sheet (s), or copies thereof, required under paragraph 7 above.
 - c. a graph depicting the pressures and their changes, for both sides of the completion over the entire test.
- 10. This packer leakage test shall be performed upon dual completion of any new wells so approved by the Commission. This test shall also be required each year during the annual GOR test for the lowermost oil zone or oil pool so concerned. The Commission may also request packer leakage tests at any time they feel that a new test is desirable.