NEW MEXICO OIL CONSERVATION COMMISSION

PACKER LEAKAGE TEST

			D 7	(Ilmon (Completion)	Devonian	
	The Pure 01	T COMPANY	Pool	(Lower (Completion)	McKee	
ease	South Yacan		R 15-E	Les			County, N. M.
cation:	Unit_I, S.						
			<u>Pre-Test S</u>				7 - 4 4 - 10
				Upper	Completion	Lower Comp 7:00 AM	10-9h-58
nut-in at	: (hour, date	e)		···· <u>710</u>	AT 10-20-50	7:00 48	10-25-50
ressure s	stabilized at	t (hour, dat	e)	· · · · · •	3 20-20-20	- 24	
ength of	time require	ed to stabil	ize (hours)	• • • •			
			Flow Test	<u>No. 1</u>			
est comme	enced at (hor	ur. date)	10:00 PM	10-27-58	•	Choke size	<u></u>
	n producing_		Completi	on shut-	in Devonien		
Jubic of ot	- p				mpletion	Lower Com	·
tabilized	d pressure a	t beginning	of test	778 DM		3498	psi psi
aximum pr	ressure duri	ng test					psi
inimum pr	ressure duri	ng test		<u>778 D</u>			psi
ressure a	at end of te	st	· • • • • • • • • • • • • •	<u>778 D</u>	rpsi si	31.18	psi
aximum pi	ressure chan	ge during te	st				hours
il flow i	rate during	test: 22.9	BOPD based MCFPD based	$\frac{1}{29}$	MCF in	14	hours
as flow 1	rate during	test:		The to the	and the second se		
			Mid-Test	<u>Snut-In</u>	r Completion	Lower Com	nletion
		\		7.0	AX 10-26-56	10:00 AN	10-29-50
hut-in a	t (hour, dat	e)dot		1010	AN 10-26-50		10-30-50
ressure	stabilized a	it (nour, dat	lize (hours).		2	24	
engun or	time requit	eu to statt.					
			Flow Test	NO. 2			a //\.a
'est comm	enced at (ho	our. date)	1:00 PM 10	-30-58		Choke siz	e_//04*
ompletio	n producing_	Devonian	Compl	etion shu		100	
-					ompletion	Lower Com	
Stabilize	d pressure a	at beginning	of test	778		3280 DM	psi psi
laximum p	ressure duri	ing test			psi	3280	psi
						1200	psi.
ressure	at end of te	est		- 131	psi	- 30	psi
laximum p	ressure char	nge during t	est BOPD based	1	BO in	4	hours
Dil flow	rate during	test:		d on 3		4	hours
	rate during						است ان بر بین میرد. میرون به معنی میرون با این بر این از میرون میرون میرون با این از میرون این این این این این این این این این ای
Test perf	formed by	. N. William			e Production		
Vitnessed	l by	J. Mttlej	obra	Titl	e Production	Foreman .	anafama tanta
REMARKS:	Elements	in recorder	were 4000 ped	; chart	range was 0-5	or person it	
		tatitte X Q.	J				······
Blue C	urve is Moke	e - Red et	rve is Devoni	A11			
						1.1. 3	tion of oll

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.

(Representative of Company Making Test)	For The Pure Oil Company			
(Representative of Company Making Test)	(Company Making Test)			
SWORN TO AND SUBSCRIBED before me this th	2 18th day of November , 19 58			

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 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 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.
 - 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.