## NI MEXICO OIL CONSERVATION COMMISS V

## SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

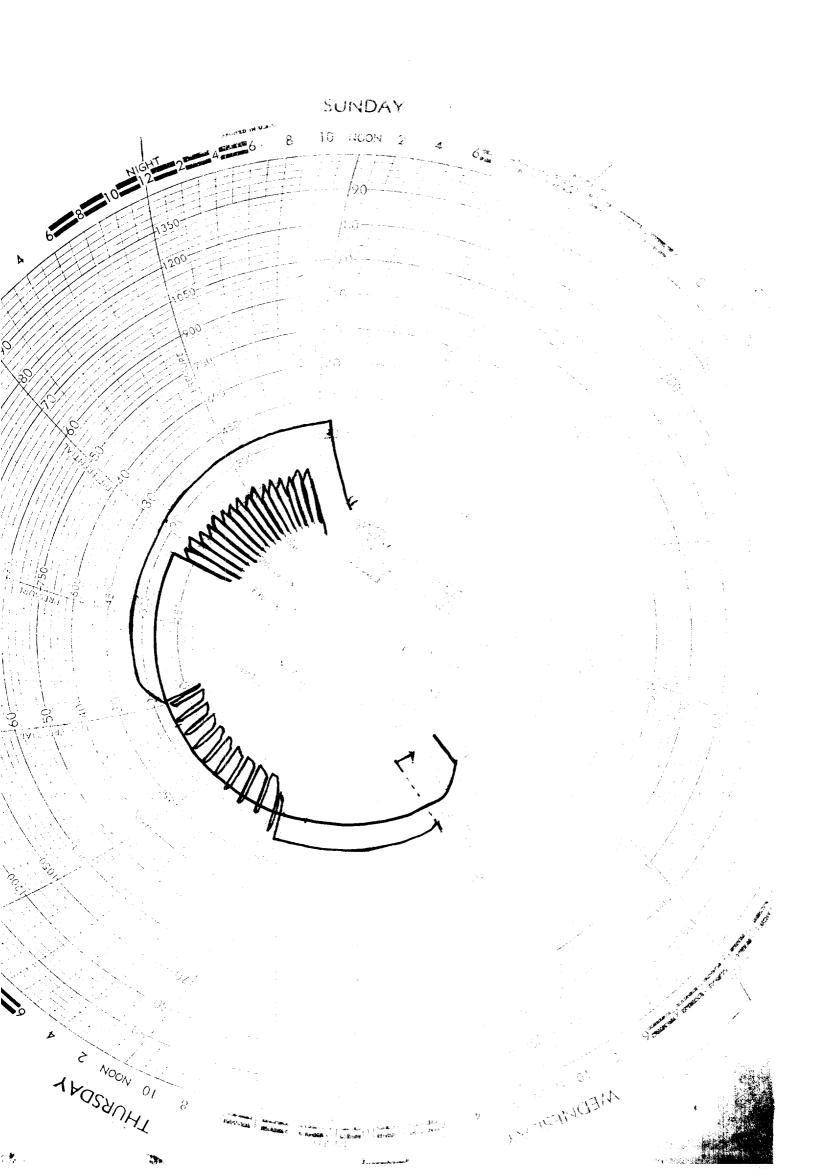
perator	Le	ase Livingston	Well No. 5		
Shell Oil Company ocation Unit Sec	Twp	Rge	County		
f Well U 3	Type of Pro (Oil or Gas		Prod. Medium (Tbg or Csg)	Choke Size	
Name of Reservoir or Pool	011	Flow	Tbg.	48/64	
ower		Flow	Tbg.	48/64	
ompl <b>Drinkerd</b>	FLOW TE	ST NO. 1			
Soth zones shut-in at (hour, date)			Upper	Lower	
Well opened at (hour, date):	8:00 a-	2-16-78	Completion	n Completion	
Indicate by ( X ) the zone produci					
Pressure at beginning of test				360	
Stabilized? (Yes or No)				yes	
Maximum pressure during test			<u>365</u>	365	
Minimum pressure during test	• • • • • • • • • • • • •		<u>95</u>	360	
Pressure at conclusion of test	•••••		95	365	
Pressure change during test (Maxim	num minus Minim	um)	270		
Was pressure change an increase or	a decrease?	Total T	ime On	increase	
	00 2-17-	78 Product	ion 24 hr.		
Oil Froduction During Test: <u>4</u> bbls; Grav. <u>3</u>	36 <u>5</u> ; Duri	ng Test 130	MCF; GOR	32	
Oil Froduction During Test: 4 bbls; Grav. 3 Remarks Well opened at (hour, date):	Gas ; During ; During ; FLOW TE	st NO. 2	• Upper Completic	Lower on Completic	
Oil Froduction During Test: 4 bbls; Grav. 3 Remarks  Well opened at (hour, date):  Indicate by ( X ) the zone produ	Gas Gas During FLOW TE	reduction ng Test 130  ST NO. 2	Upper Completic	Lower on Completic	
Oil Froduction During Test: 4 bbls; Grav. 3 Remarks  Well opened at (hour, date):  Indicate by ( X ) the zone produ	Gas Gas During FLOW TE	reduction ng Test 130  ST NO. 2	Upper Completic	Lower on Completic	
Oil Production During Test: 4 bbls; Grav. 3  Remarks  Well opened at (hour, date):  Indicate by ( X ) the zone production  Pressure at beginning of test	FLOW TE	ST NO. 2	Upper Completic	Lower on Completic	
Oil Froduction During Test: 4 bbls; Grav. 3 Remarks Well opened at (hour, date): Indicate by ( X ) the zone produ Pressure at beginning of test Stabilized? (Yes or No)	FLOW TE	ST NO. 2	Upper Completic	Lower on Completic X 368	
Oil Froduction During Test: 4 bbls; Grav. 3 Remarks  Well opened at (hour, date):  Indicate by ( X ) the zone produ Pressure at beginning of test  Stabilized? (Yes or No)	FLOW TE	Test 130  ST NO. 2  1.2. 2-18-78	Upper Completic 362 yes 375	Lower Completic X 368 yes	
Oil Froduction During Test: 4 bbls; Grav. 3 Remarks  Well opened at (hour, date):  Indicate by ( X ) the zone produ Pressure at beginning of test  Stabilized? (Yes or No)  Maximum pressure during test  Minimum pressure during test	FLOW TE	Test 130  ST NO. 2  1.2. 2-18-78	Upper Completic 362  yes 375 362	Lower Completic X 368 yes 368	
Oil Froduction During Test: 4 bbls; Grav. 3 Remarks  Well opened at (hour, date):  Indicate by ( X ) the zone produ Pressure at beginning of test  Stabilized? (Yes or No)  Maximum pressure during test  Minimum pressure during test  Pressure at conclusion of test	FLOW TE	Test 130  ST NO. 2  1.2. 2-18-78	Upper Completic 362	Lower Completic X 368 yes 368 35	
Oil Froduction During Test:	FLOW TE  8:00 and a minus Minim	Test 130  ST NO. 2  1.m., 2-18-78	Upper Completic 362  yes 375  362  375  362  13  increase	Lower Completic X 368 yes 368 35 35 333	
Oil Froduction During Test:	FLOW TE  8:00 a  mum minus Minim r a decrease?  8:00 a.m., 2-19	Total t	Upper Completic 362  yes 375  362  375  362  375  13  increase increase 24 hr.	Lower Completic X 368 yes 368 35 35 333	
Oli Production During Test:	FLOW TE  8:00 a  mum minus Minim r a decrease?  8:00 a.m., 2-13 Gas 1 36 5 ; Durin	Total t Production ag Test 152	Upper Completic 362  yes 375  362  375  362  375  13  increase increase 24 hr.	Lower Completic X 368 yes 368 35 35 333 decreas	
Was pressure change an increase of Well closed at (hour, date) Oil Production During Test:  Remarks	FLOW TE  8:00 a  mum minus Minim r a decrease?  8:00 a.m., 2-15 Gas 1 36 5 ; Durin	Total t Production ag Test 152	Upper Completic 362  yes 375  362  375  362  375  13  increase ince on ion 24 hr.  MCF; GOR	Lower Completic X 368 yes 368 35 35 35 333 decreas	
Oil Production During Test:	FLOW TE  8:00 a  mum minus Minim r a decrease?  8:00 a.m., 2-19 36 5 ; Durir	ST NO. 2  ST NO. 2  La. 2-18-78  Total t Production ag Test  Total t Product	Upper Completic 362  yes 375  362  375  362  375  13  increase ine on 24 hr.  MCF; GOR	Lower Completic X 368 yes 368 35 35 35 333 decreas	
Oil Production During Test: 4 bbls; Grav. 3  Remarks  Well opened at (hour, date):  Indicate by ( X ) the zone production Pressure at beginning of test  Stabilized? (Yes or No)  Maximum pressure during test  Pressure at conclusion of test  Pressure change during test (Maximum pressure change an increase of Well closed at (hour, date) Oil Production During Test: 8 bbls; Grav.  Remarks  I hereby certify that the information whowledge.	FLOW TE  8:00  mum minus Minim r a decrease?  8:00 a.m., 2-15 Gas 1 36 5 ; Durin	ST NO. 2  A.M. 2-18-78  Total t Production ag Test 152  Atained is true and Operator Sh	Upper Completic 362  yes 375  362  375  362  375  13  increase ince on 24 hr.  MCF; GOR	Lower Completic X  368  yes  368  35  35  333  decrease  18	
Dil Production During Test:	FLOW TE  8:00 a  mum minus Minim r a decrease?  8:00 a.m., 2-19 Gas i 36 = ;Durin	Total t Production Total t Production Total t Production Total t Product Total t	Upper Completic 362  yes 375  362  375  362  375  13  increase ine on 24 hr.  MCF; GOR	Lower Completic X 368  yes 368  yes 368  35  333  decreas  18	

## SOUTHEAST NEW MEXICO PACKER LEAKAGE 3.... C INSTRUCTIONS

- 1. A packer leakage test shall be commenced on each suitiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the suitiple completion. Such tests shall also be communed on all smittiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or tho tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.
- At least 72 hours prior to the commoncement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
- 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 and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.
- 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 until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

- 5. Following complet of Flow Tost No. 1, the well shall again be shutin, in accordance with Paragraph 3 shows.
- 6. Flow Test No. 2 shall be conducted even though no look was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the mame as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the previously shut-in zone is produced.
- 7. All pressures, throughout the entire test, shall be continuously seasured and recorded with recording pressure gauges, the accuracy of which must be checked with a deadweight tester at least twice, once at the beginning and once at the end, of each flow test.
- 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 appropriate histrict Office of the New Mexico Oil conservation Commission on Coutherst New Yeartor Packer Irakage Test Form Meximed 11-1-38, together with the original pressure recording gauge charts with all the deadeeight pressures which were taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating theiron all pressure takings which may be reflected by the gauge charts as well as all deadershift pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form C-116 shall also accompany the Packer Dakage Test Form when the test period coincides with a gus-oil ratio test period.

					15-1-4	100000000000000000000000000000000000000
		The first time of the state of				*******************
		*************	Andreas de la compansión de la lace de lace de la lace de lace d	******		
						1
	1	17	1			
		ى يەرىپىيە دارىيە دېلىكىكىكىكىكىكى دارىيا دارىي دارىيا دارىيا دارىي				**************************************
		***************************************				
111						
					reneg verseke kombe kelû bibû. Libû German e we kelê e ji ve ji swesin û	:
			++11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			
						***
					erene e enne e dirima parlament e e erene e en dirima parlament	1 - b
		i dicini				
						III.
			7-1-1-1		The second second second	÷
					dat fired dad da de en en el el en en el el en el	
				· · · · · · · · · · · · · · · · · · ·		
<del>                                      </del>						inni in
						ليداد المتنشنين
						Managara 4.
					Angliga commendated and a section of the	
<del>                                      </del>				· · · · · · · · · · · · · · · · · · ·	<del></del>	Commence of the commence of th
		= : : : : : : : : : : : : : : : : : : :				1
+++++++			<del> </del>			Annual Control of the
						7
		**************************************				
						The first series of the control of t
##!!=::::::				(3:,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		*****
	rana a managamana a di mana a mina. Tana andra managamana a di managamana a					
######################################						
				*******		
+++		1				
	****	***************************************				
			****			
						::
11.242						
						· · · · · · · · · · · · · · · · · · ·
1						
			:::::::::::::::::::::::::::::::::::::::			
	<u> </u>			<u> </u>		
						<del></del>
					::::::::::::::::::::::::::::::::::::	
					::	
		,, i,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				: i
	<u> </u>	<u> </u>	<u></u>			
	1,347,,		.i i			
					·	
					-::::::::::::::::::::::::::::::::::::::	
	:::::::::		ingreen to be a second	11.1		uddininddir al
					::::::::::::::	
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
			G .			
				9.1978		
				6 1978		
				£ 1978		
					M.	
					M.	
				9:1978 1:11 (:::) (:::) (:::) (:::)	M.	



Pocker Oil Company

2/15 2/19/28

RETENTED

MAR 91978

OIL CONSERVATION COMM. HOBBS, N. M.