

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Shell Oil Company			Lease Andrews			Well No. 2		
Location of Well	Unit C	Sec 14	Twp 21-S	Rge 37-E	County Lea			
Name of Reservoir or Pool			Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)		Choke Size	
Upper Compl	Blinebry		Oil	Flow	Tbg.		40/64	
Lower Compl	Drinkard		Oil	TA	-		T.A.	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 1:30 p.m. - 2/4/70

Well opened at (hour, date): 1:30 p.m. - 2/5/70 Upper Completion Lower Completion

Indicate by (X) the zone producing..... X _____

Pressure at beginning of test..... 462 55

Stabilized? (Yes or No)..... Yes Yes

Maximum pressure during test..... 462 20

Minimum pressure during test..... 115 20

Pressure at conclusion of test..... 115 20

Pressure change during test (Maximum minus Minimum)..... 347 None

Was pressure change an increase or a decrease?..... Decrease Constant

Well closed at (hour, date): 1:30 p.m. - 2/6/70 Total Time On Production 24 hours

Oil Production Gas Production

During Test: 25 bbls; Grav. 37.7°; During Test 669 MCF; GOR 26,760

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): _____ Upper Completion Lower Completion

Indicate by (X) the zone producing..... _____ _____

Pressure at beginning of test..... _____ _____

Stabilized? (Yes or No)..... _____ _____

Maximum pressure during test..... _____ _____

Minimum pressure during test..... _____ _____

Pressure at conclusion of test..... _____ _____

Pressure change during test (Maximum minus Minimum)..... _____ _____

Was pressure change an increase or a decrease?..... _____ _____

Well closed at (hour, date) _____ Total time on Production _____

Oil Production Gas Production

During Test: _____ bbls; Grav. _____; During Test _____ MCF; GOR _____

Remarks _____

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved _____ 19 _____
New Mexico Oil Conservation Commission

Operator Shell Oil Company

By R.C. Cabaniss R.C. Cabaniss

Title Division Production Supt.

Date 2-23-70

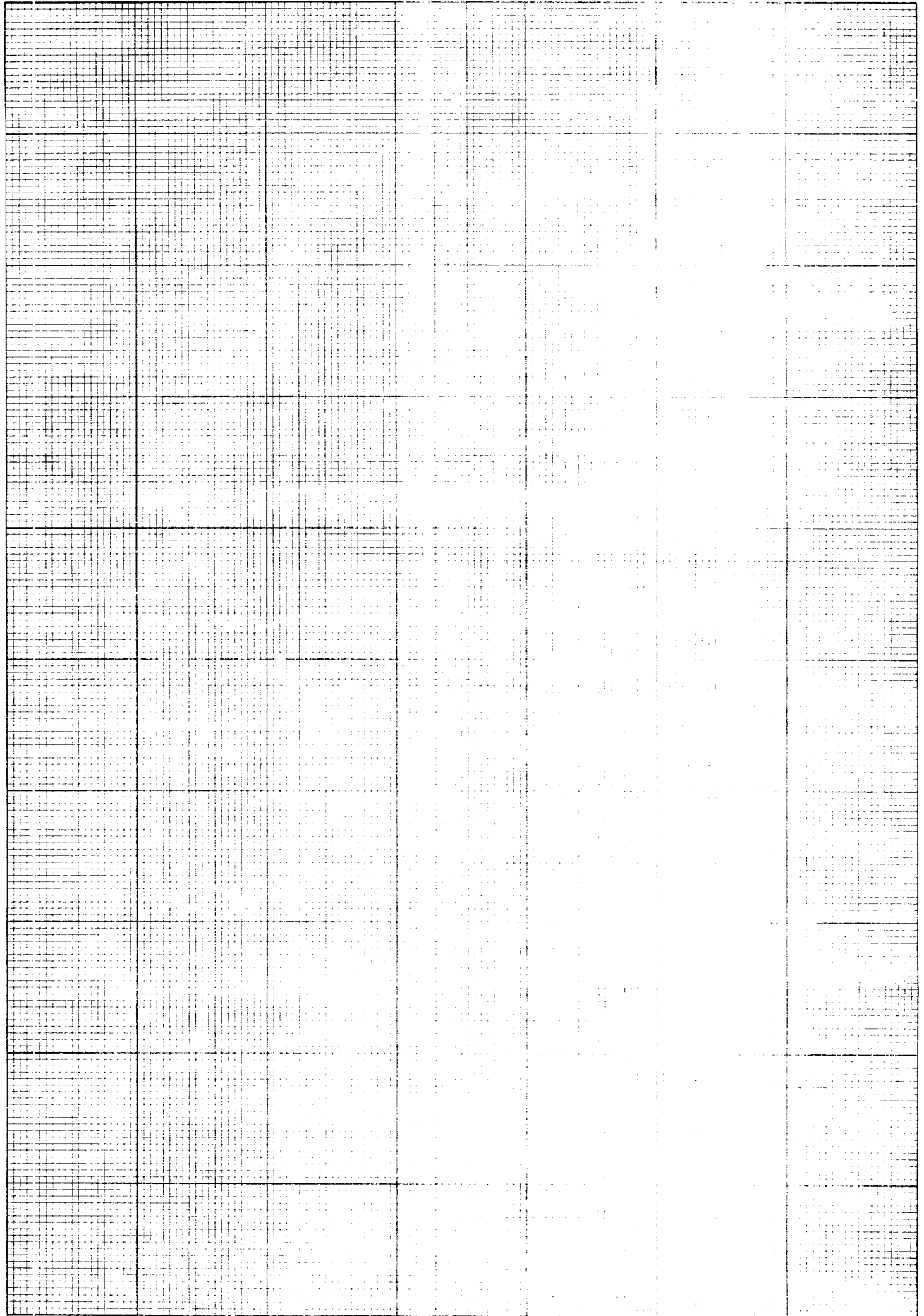
1. A packer leakage test shall be commenced on each multiple completed well within seven days after actual completion of the well, and annuities thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement 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 completion of the test, the well shall again be shut-in for pressure stabilization as provided above.

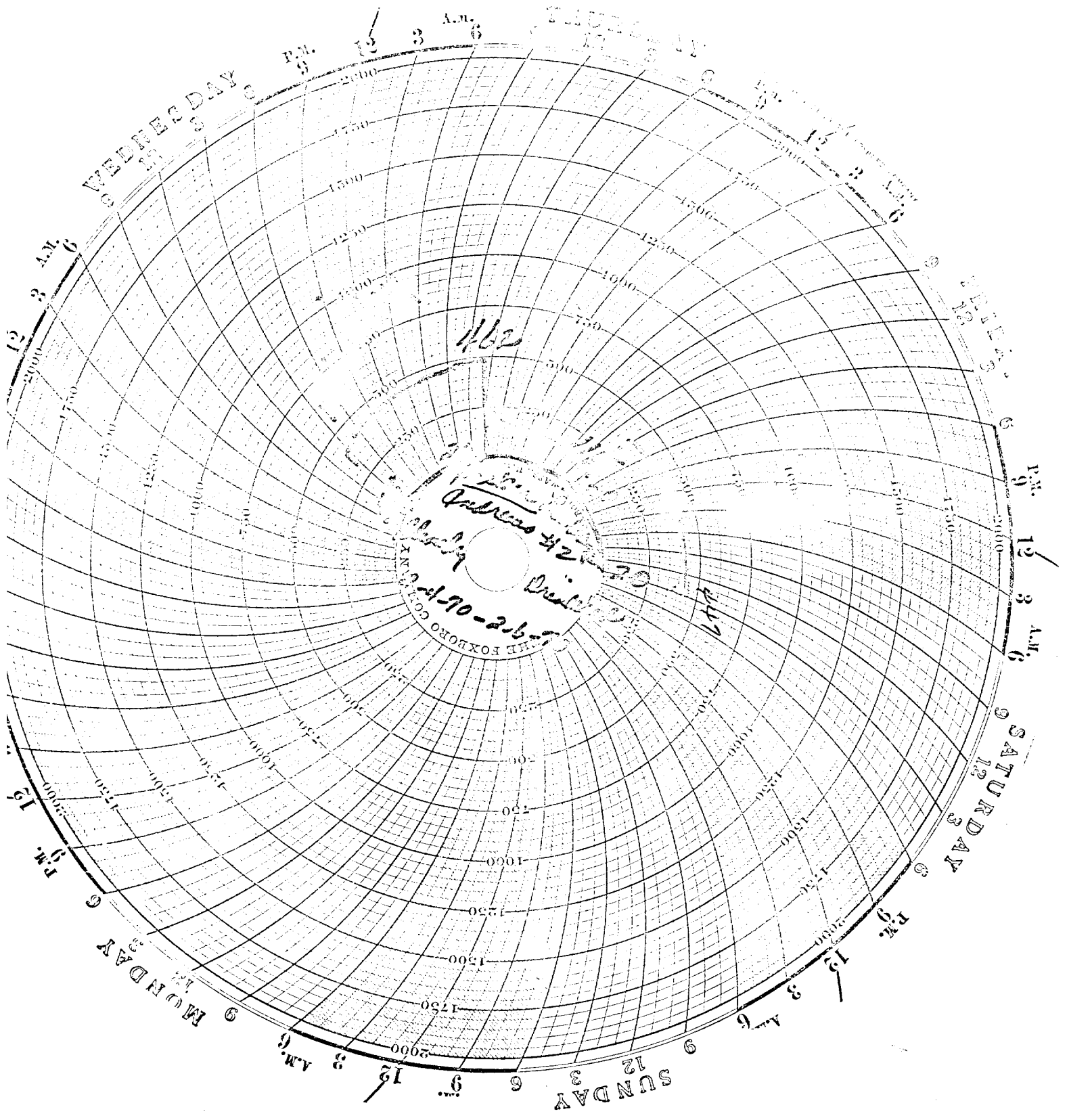
6. If the packer leakage test is conducted and although no leak was indicated during flow Test No. 1, the pressure for flow Test No. 2 is to be the same as the flow Test No. 1 except that the previously produced zone shall remain shut-in while the previously stabilized zone is produced.

7. In all pressure stabilization and flow tests shall be continuously measured 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 methods shall be filed in triplicate with the District Office of the New Mexico Oil Conservation Commission or Southeast New Mexico Conservation Test Form Revised 11-1-58, together with the original pressure versus time charts with all the deadweight pressures which are taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of the well showing thereon all pressure changes which are recorded on the gauges as well as all deadweight pressure readings which are taken. The pressure curve is submitted, the original charts and gauges shall be filed in the operator's office. Form O-116 shall be completed on the Packer Leakage Test Form when the test period under the dual zone or ratio test period.



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WEDNESDAY
9 AM 6
3 PM 9

THURSDAY
9 AM 6
3 PM 9

FRIDAY
9 AM 6
3 PM 9

SATURDAY
9 AM 6
3 PM 9

SATURDAY
9 AM 6
3 PM 9

SUNDAY
9 AM 6
3 PM 9

MONDAY
9 AM 6
3 PM 9

THE FOXBORO COMPANY
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