This form is not to be used for reporting packer leakage tests in Northwest New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator	Lease	Well No.
Shell Oil Company	State A	2Y

Location of Well	Unit	Sec	Twp	Rge	County
	H	36	24-S	36-E	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	Jalmat	Gas	Flow	Csg.	Open
Lower Compl	Langlie Mattix	Oil	Pump	Tbg.	Open

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 3-2-70 - 10:00 a.m.

	Upper Completion	Lower Completion
Well opened at (hour, date): 3-3-70 - 10:00 a.m.		
Indicate by (X) the zone producing	X	
Pressure at beginning of test	330	250
Stabilized? (Yes or No)	Yes	Yes
Maximum pressure during test	330	250
Minimum pressure during test	67	124
Pressure at conclusion of test	67	124
Pressure change during test (Maximum minus Minimum)	263	126
Was pressure change an increase or a decrease?	Decrease	Decrease

Well closed at (hour, date): 3-4-70 - 10:00 a.m. Total Time On Production 24 hours

Oil Production During Test: 7 bbls; Grav. 29° ; Gas Production During Test 55 MCF; GOR 7,857

Remarks The decrease in pressure on Langlie Mattix shutin zone is due to leading up of oil in tbg. and not due to leak in tbg. or packer.

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 3-5-70 - 10:00 a.m.		
Indicate by (X) the zone producing		X
Pressure at beginning of test	300	120
Stabilized? (Yes or No)	Yes	Yes
Maximum pressure during test	325	120
Minimum pressure during test	300	27
Pressure at conclusion of test	325	27
Pressure change during test (Maximum minus Minimum)	25	93
Was pressure change an increase or a decrease?	Increase	Decrease

Well closed at (hour, date) 3-6-70 - 10:00 a.m. Total time on Production 24 hours

Oil Production During Test: - bbls; Grav. - ; Gas Production During Test 36 MCF; GOR -

Remarks Meter 100 x 250, Orifice 4 x 1-1/4, Diff. 0.5, Static 5.7

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

Approved APR 3 1970 19

New Mexico Oil Conservation Commission

By

Title DISTRICT

Operator Shell Oil Company

By L S Mitchell for R. C. Cabaniss

Title Division Production Superintendent

Date March 23, 1970

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually 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.

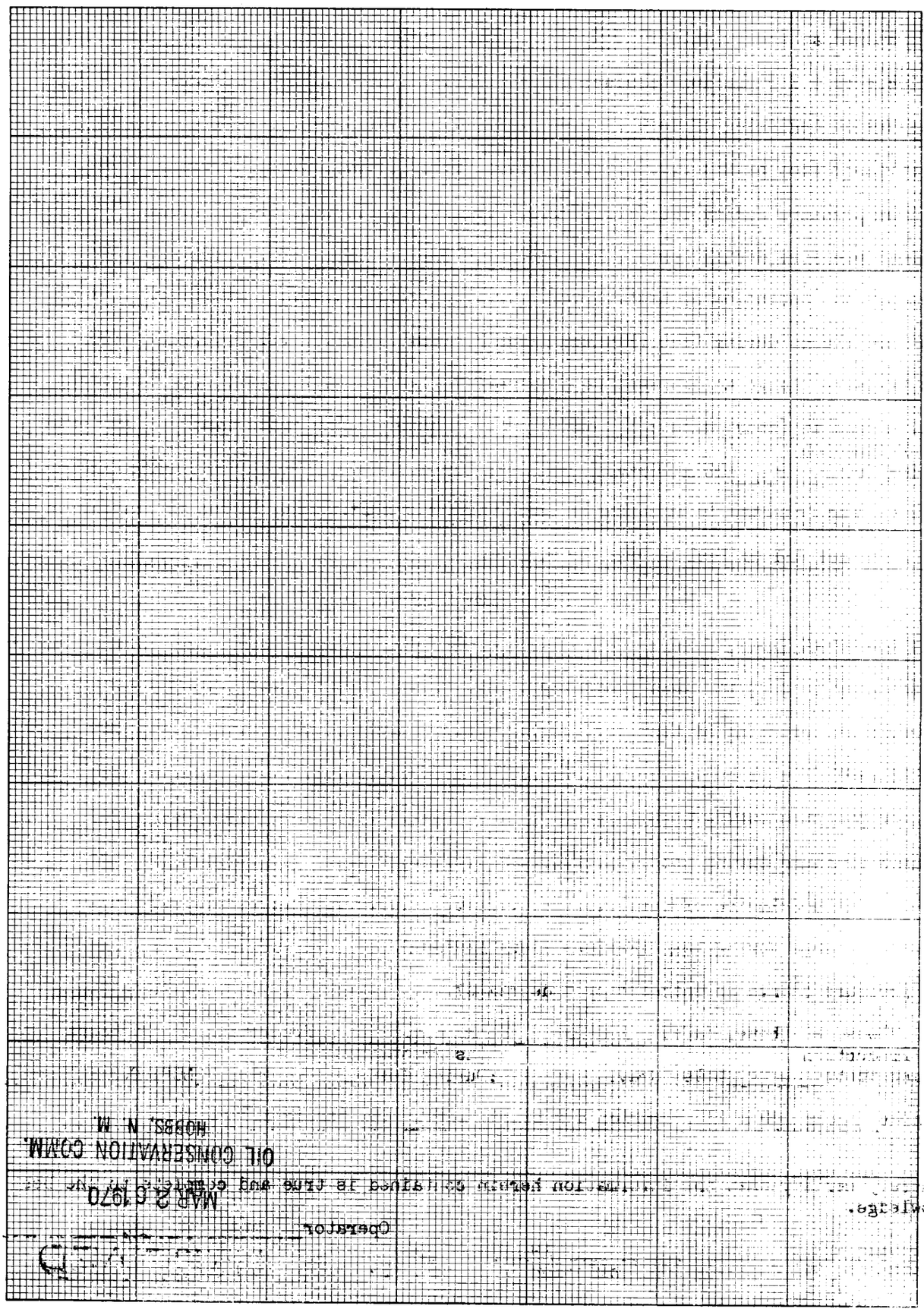
4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

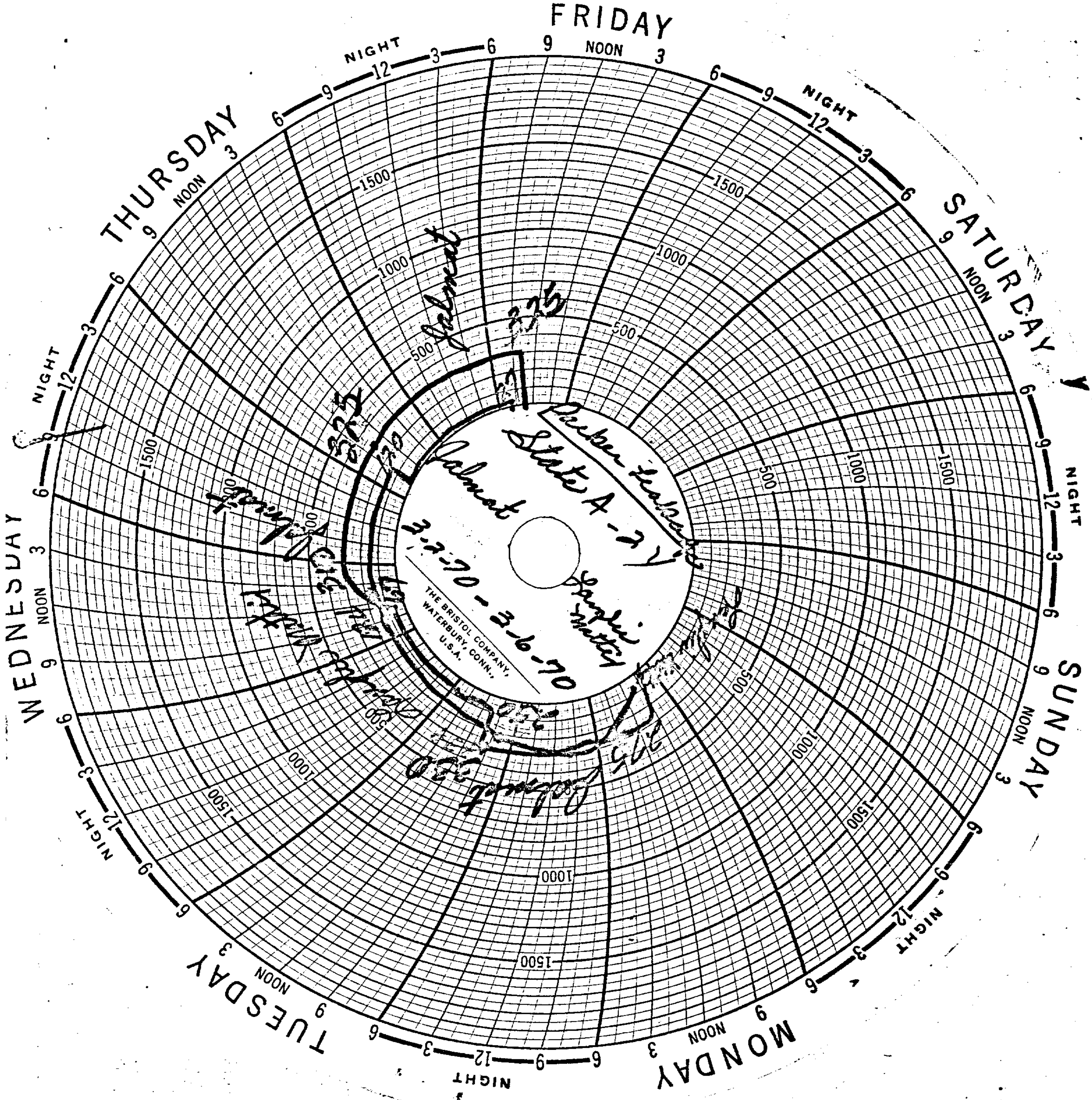
5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with paragraph 3 above.

6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same 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 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-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on Southeast New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the deadweight 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 thereon all pressure changes which may be reflected by the gauge charts as well as all deadweight 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 Leakage Test Form when the test period coincides with a gas-oil ratio test period.





FRIDAY
SATURDAY
SUNDAY
MONDAY
TUESDAY
WEDNESDAY
THURSDAY
NIGHT
NOON
500
1000
1500
THE BRISTOL COMPANY, WATERBURY, CONN., U.S.A.
Packer Leakage
State A-7Y
Calmut
3-2-70 - 3-6-70