

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Atlantic Richfield Company			Lease Carlson Federal			Well No. 2	
Location of Well	Unit L	Sec 25	Twp 25-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	Blinewy		Oil	Flow	Tbg.	16/64	
Lower Compl	Tubb Drinkard		Oil	Flow	Tbg.	18/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): **7:00 a.m. 2-13-67**

Well opened at (hour, date): 7:00 a.m. 2-14-67	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	1378	976
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	1378	995
Minimum pressure during test.....	977	976
Pressure at conclusion of test.....	977	995
Pressure change during test (Maximum minus Minimum).....	- 401	+ 19
Was pressure change an increase or a decrease?.....	Decrease	Increase
Well closed at (hour, date): 7:00 a.m. 2-15-67	Total Time On Production 24 hours	
Oil Production During Test: 75 bbls; Grav. 32.4	Gas Production During Test _____ MCF; GOR _____	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): 7:00 a.m. 2-16-67	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	1384	996
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	1403	996
Minimum pressure during test.....	1384	185
Pressure at conclusion of test.....	1403	185
Pressure change during test (Maximum minus Minimum).....	+ 19	- 811
Was pressure change an increase or a decrease?.....	increase	decrease
Well closed at (hour, date) 7:00 a.m. 2-17-67	Total time on Production 24 hours	
Oil Production During Test: 8 bbls; Grav. 34.0	Gas Production 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 **Atlantic Richfield Company**
By **A. D. Klein**
Title **District Drlg. & Prod. Supt.**
Date **2-24-67**

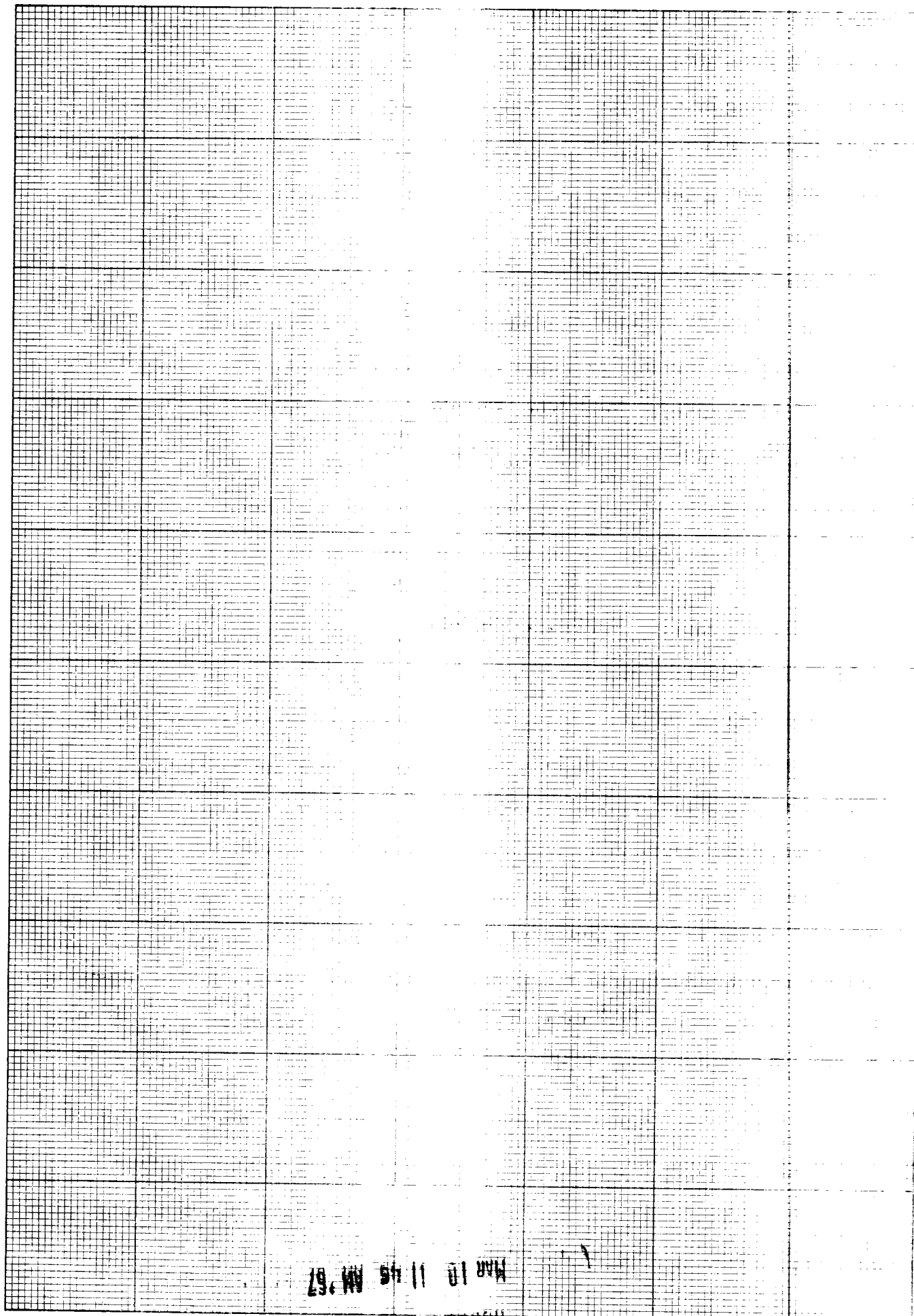
By _____
Title _____

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

Flow Test No. 2 shall be conducted even if the well is shut-in during Flow Test No. 1. Procedure for Flow Test No. 2 is 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.

All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges. Each gauge must be checked with a deadweight tester at least once during the beginning and once at the end of each flow rate.

3. The results of the above-described tests shall be noted in triplicate within 15 days after completion of the test. The results shall be filed with the appropriate District Office of the New Mexico Oil and Natural Gas Commission on Southeast New Mexico Packer Leakage Test Form Report No. T-156, together with the original pressure recording gauge charts and with the deadweight pressures which were taken indicating thereon. In addition to filing the aforesaid charts, the operator must instruct the 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 versus time submitted the original chart must be permanently filed in the operator's file. Form T-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.



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