

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Sinclair Oil & Gas Company				Lease Winberry 141		Well No. 4	
Location of Well	Unit 3	Sec 24	Twp 23-N	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	Justis Drinkard		Oil	Pumping	TBG	-	
Lower Compl	Justis Fusselman		Oil	Gas Lift	TBG	3/4"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 A.M. 4-6-65

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>10:00 A.M. 4-7-65</u>	
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>320</u>	<u>610</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>320</u>	<u>610</u>
Minimum pressure during test.....	<u>40</u>	<u>610</u>
Pressure at conclusion of test.....	<u>40</u>	<u>610</u>
Pressure change during test (Maximum minus Minimum).....	<u>280</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>No Change</u>
Well closed at (hour, date):	Total Time On Production <u>24 hours</u>	
Oil Production	Gas Production	
During Test: <u>21</u> bbls; Grav. <u>39</u> ; During Test <u>36.8</u> MCF; GOR <u>1752:1</u>		
Remarks <u>Results of tests indicate packer is separating the two zones properly.</u>		

FLOW TEST NO. 2

Well opened at (hour, date):	<u>10:00 A.M. 4-9-65</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....			<u>X</u>
Pressure at beginning of test.....		<u>350</u>	<u>700</u>
Stabilized? (Yes or No).....		<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....		<u>440</u>	<u>700</u>
Minimum pressure during test.....		<u>350</u>	<u>100</u>
Pressure at conclusion of test.....		<u>350</u>	<u>100</u>
Pressure change during test (Maximum minus Minimum).....		<u>90</u>	<u>600</u>
Was pressure change an increase or a decrease?.....		<u>Increase</u>	<u>Decrease</u>
Well closed at (hour, date):	<u>10:00 A.M. 4-10-65</u>	Total time on Production <u>24 hours</u>	
Oil Production	Gas Production		
During Test: <u>67</u> bbls; Grav. <u>38</u> ; During Test <u>1300</u> MCF; GOR <u>- -</u>			
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 Sinclair Oil & Gas Company

By Fred Burns
Superintendent

By _____
Title _____

Date 4-27-65

1. The well shall again be shut-

- Even though no leak has indicated within the zone, the Zone Test No. 2 is to be the same as the Zone Test No. 1. The previously produced zone shall remain in place and no new zone shall be produced.
- The entire test shall be continuously monitored by pressure gauges, the accuracy of which shall be checked by a dead weight tester at least twice, once at the beginning and once at the end of each flow test.
- The results of the described tests shall be filed in triplicate within 15 days of the completion of the test. Tests shall be filed with the appropriate office of the New Mexico Oil Conservation Commission, the District Engineer, under Leakage Test Form Revised 11-1-58.
- Each test shall be accompanied by recording gauge charts with all the readings clearly legible and as often indicated thereon. In lieu of filing the above mentioned charts, the operator may construct a pressure versus time indicating thereon all pressure readings, including all gauge breaks as well as all dead-weight test readings. If the pressure curve is subsequently filed in the operator's records, the District Engineer may require the Leakage Test Form Revised 11-1-58 to be filed in the appropriate office.