

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator The Ohio Oil Company				Lease Lea Unit		Well No. 1	
Location of Well	Unit L	Sec 12	Twp 20S		Rge 34E	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	Lea Bone Springs		Oil	Flow	Tubing	18/64"	
Lower Compl	Lea Devonian		Oil	Flow	Tubing	8/64"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 2:00 P.M. 2-3-61

Well opened at (hour, date): <u>2:00 P.M. 2-4-61</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>1320</u>	<u>1630</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>1320</u>	<u>1630</u>
Minimum pressure during test.....	<u>315</u>	<u>1610</u>
Pressure at conclusion of test.....	<u>315</u>	<u>1620</u>
Pressure change during test (Maximum minus Minimum).....	<u>1005</u>	<u>20</u>
Was pressure change an increase or a decrease?.....	<u>Inc.</u>	<u>Inc.</u>
Well closed at (hour, date): <u>2:00 P.M. 2-5-61</u>	Total Time On Production	<u>24 Hours</u>
Oil Production	Gas Production	
During Test: <u>185.15</u> bbls; Grav. <u>43.7</u>	During Test <u>227.9</u> MCF; GOR	<u>1231</u>

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): <u>10:30 A.M. 2-6-61</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>1340</u>	<u>1620</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>1340</u>	<u>1620</u>
Minimum pressure during test.....	<u>1340</u>	<u>1305</u>
Pressure at conclusion of test.....	<u>1340</u>	<u>1315</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>315</u>
Was pressure change an increase or a decrease?.....	<u>NC</u>	<u>Inc.</u>
Well closed at (hour, date): <u>2:00 P.M. 2-6-61</u>	Total time on Production	<u>3 1/2 Hrs.</u>
Oil Production	Gas Production	
During Test: <u>55.02</u> bbls; Grav. <u>58.2</u>	During Test <u>9.16</u> MCF; GOR	<u>166</u>

Remarks Daily Oil Rate = 377.28 BO. Daily Allowable = 362 BO, Daily Gas Rate = 62.8 MCF.
The results of this test indicate that the packer is holding satisfactorily and that there
is no communication between the Lea Bone Springs and Lea Devonian zones.
hereby certify that the information herein contained is true and complete to the best of my
owledge.

Approved _____ 19
New Mexico Oil Conservation Commission

Operator The Ohio Oil Company
By Robert L. McLean
Title Petroleum Engineer

It is being emphasized that the above well shall again be sealed in accordance with Paragraph 1 above.

4. Flow Test No. 2 shall be conducted even though no test was initiated 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 test is a p-ponded zone shall the same shall be in a previously established zone is provided.

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 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 tests. 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 11-1-69, together with the original pressure recording gauge charts with all the deadweight pressures which were taken and noted thereon. In lieu of filing the addressed 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 11-6 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil interface test period.

[illegible]

Pressure - PSIG

20 x 20 TO THE INCH
KEUFFEL & ESSER CO.
359-10 1/2 LG
MADE IN U.S.A.

