

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>The Atlantic Refining Company</b>			Lease <b>Langlie Federal</b>			Well No. <b>1</b>	
Location of Well	Unit <b>I</b>	Sec <b>14</b>	Twp <b>25-S</b>	Rge <b>37-E</b>	County <b>Lea</b>		
	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	<b>Blinberry</b>		<b>Oil</b>	<b>Art Lift</b>	<b>Tbg</b>	<b>—</b>	
Lower Compl	<b>Tubb-Drinkard</b>		<b>"</b>	<b>"</b>	<b>"</b>	<b>—</b>	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 AM 3-4-63

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>8:00 AM 3-5-63</u>		
Indicate by ( X ) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>363</u>	<u>0</u>
Stabilized? (Yes or No).....	<u>NO</u>	<u>YES</u>
Maximum pressure during test.....	<u>363</u>	<u>0</u>
Minimum pressure during test.....	<u>64</u>	<u>0</u>
Pressure at conclusion of test.....	<u>64</u>	<u>0</u>
Pressure change during test (Maximum minus Minimum).....	<u>299</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>decrease</u>	<u>—</u>
Well closed at (hour, date): <u>8:00 AM 3-6-63</u>	Total Time On Production <u>24 hrs.</u>	
Oil Production During Test: <u>62</u> bbls; Grav. <u>38.5</u>	Gas Production During Test: <u>69.9</u> MCF; GOR <u>11 27</u>	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): <u>8:00 AM 3-7-63</u>	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>397</u>	<u>0</u>
Stabilized? (Yes or No).....	<u>NO</u>	<u>YES</u>
Maximum pressure during test.....	<u>452</u>	<u>31</u>
Minimum pressure during test.....	<u>397</u>	<u>0</u>
Pressure at conclusion of test.....	<u>452</u>	<u>31</u>
Pressure change during test (Maximum minus Minimum).....	<u>55</u>	<u>31</u>
Was pressure change an increase or a decrease?.....	<u>increase</u>	<u>increase</u>
Well closed at (hour, date): <u>8:00 AM 3-8-63</u>	Total time on Production <u>24 hrs.</u>	
Oil Production During Test: <u>9</u> bbls; Grav. <u>38.0</u>	Gas Production During Test: <u>2</u> MCF; GOR <u>225</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 The Atlantic Refining Company  
By A. D. Kloxin  
Title District Drilling-Production Supt.  
Date 3-11-63

By \_\_\_\_\_  
Title \_\_\_\_\_

## SOUTHEAST NEW MEXICO PARKS AND RECREATION DISTRICT

1. A packer leakage test shall be performed on all new packers installed or recompleted well within seven days after completion of the well. The test shall be performed annually thereafter as prescribed by the applicable regulatory agency. The packer shall be recompleted. Such tests shall also be completed on all packers installed or recompleted within seven days following recompletion after a packer has been found to be leaking and whenever remedial work has been performed on the well. The packer shall be recompleted if the tubing have been disturbed. Tests shall be performed at any time that a packer communication is suspected or when a packer is found to be leaking.

2. At least 72 hours prior to the commencement of a major leakage test, the operator shall notify the licensee of the test. At least 24 hours prior to the test is to be commenced, the licensee shall be notified.

3. The packer leakage test shall be completed as shut-in for pressure to be built up in the well-head for a minimum of two hours thereafter shut-in more than 24 hours.

4. For Flow Test No. 1 and 2, the test shall be continued until the flow is stabilized and for a minimum of 10 minutes that the flow test need not be continued.

... the door should be shut-

1. The zone shall be indicated by a yellow line to be the same as the yellow zone shall remain indicated.

Test shall be continuously  
measured by means of pressure gauges the accuracy of  
which shall be checked at least twice once at the  
beginning and once at the end of the test.

[illegible][illegible]