

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Exxon Corporation			Lease Bowers A Federal			Well No. 31	
Location of Well	Unit E	Sec 29	Twp 18S	Rge 38E	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	Hobbs Blinebry		Oil	P	Tbg.	-	
Lower Compl	Hobbs Drinkard		Oil	P	Tbg.	-	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:15 A.M. 9/18/74

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>8:15 A.M. 9/19/74</u>		
Indicate by ( X ) the zone producing.....		X
Pressure at beginning of test.....	<u>160</u>	<u>550</u>
Stabilized? (Yes or No).....	<u>No-Falling</u>	<u>Yes</u>
Maximum pressure during test.....	<u>160</u>	<u>610</u>
Minimum pressure during test.....	<u>100</u>	<u>50</u>
Pressure at conclusion of test.....	<u>100</u>	<u>50</u>
Pressure change during test (Maximum minus Minimum).....	<u>60</u>	<u>560</u>
Was pressure change an increase or a decrease?.....	<u>(-)</u>	<u>(-)</u>
Well closed at (hour, date): <u>8:15 A.M. 9/20/74</u>	Total Time On Production <u>24 Hours</u>	
Oil Production	Gas Production	
During Test: <u>2</u> bbls; Grav. <u>36.6</u> ; During Test <u>73</u> MCF; GOR <u>36,411</u>		
Remarks <u>Well has been put on pump since last packer leakage test on 9/20/73.</u>		
<u>Flowing prior.</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>8:15 A.M. 9/21/74</u>		
Indicate by ( X ) the zone producing.....	X	
Pressure at beginning of test.....	<u>80</u>	<u>310</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>150</u>	<u>550</u>
Minimum pressure during test.....	<u>50</u>	<u>310</u>
Pressure at conclusion of test.....	<u>50</u>	<u>550</u>
Pressure change during test (Maximum minus Minimum).....	<u>100</u>	<u>240</u>
Was pressure change an increase or a decrease?.....	<u>(-)</u>	<u>(+)</u>
Well closed at (hour, date): <u>8:15 A.M. 9/22/74</u>	Total time on Production <u>24 Hours</u>	
Oil Production	Gas Production	
During Test: <u>32</u> bbls; Grav. <u>39.1</u> ; During Test <u>7</u> MCF; GOR <u>214</u>		
Remarks		

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

Approved 19 nm  
New Mexico Oil Conservation Commission

Operator EXXON CORPORATION  
By S. E. Barker  
Title District Operations Superintendent

By  
Title