

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>WESTERN NATURAL GAS COMPANY</b>			Lease <b>WIMBERLY</b>			Well No. <b>4</b>	
Location of Well	Unit <b>E</b>	Sec <b>24</b>	Twp <b>25s</b>		Range <b>37E</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>JUSTIS - DRINKARD</b>		<b>OIL</b>		<b>FLOW w/SMB</b>		<b>Tbg 1"</b>
Lower Compl	<b>JUSTIS - FUSSELMAN</b>		<b>OIL</b>		<b>FLOW</b>		<b>Tbg 1"</b>

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 AM (4-7-61)

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:30 AM (4-8-61)</u>		
Indicate by ( X ) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>60 CHART</u>	<u>425 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>NO</u>
Maximum pressure during test.....	<u>70</u>	<u>425</u>
Minimum pressure during test.....	<u>60</u>	<u>0</u>
Pressure at conclusion of test.....	<u>70</u>	<u>25</u>
Pressure change during test (Maximum minus Minimum).....	<u>10</u>	<u>425</u>
Was pressure change an increase or a decrease?.....	<u>INCREASE</u>	<u>DECREASE</u>
Well closed at (hour, date): <u>9:30 AM (4-9-61)</u>	Total Time On Production <u>24 HOURS</u>	
Oil Production	Gas Production	
During Test: <u>96.94</u> bbls; Grav. <u>37.0</u> ; During Test <u>102.47</u> MCF; GOR <u>1057</u>		
Remarks <u>TEST RESULTS INDICATE THAT THE PACKER IS SEPARATING THE TWO PRODUCING ZONES PROPERLY.</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:00 AM (4-10-61)</u>		
Indicate by ( X ) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>70 CHART</u>	<u>250 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>NO</u>
Maximum pressure during test.....	<u>250</u>	<u>450</u>
Minimum pressure during test.....	<u>50</u>	<u>210</u>
Pressure at conclusion of test.....	<u>60</u>	<u>450</u>
Pressure change during test (Maximum minus Minimum).....	<u>200</u>	<u>240</u>
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>INCREASE</u>
Well closed at (hour, date): <u>8:00 AM (4-11-61)</u>	Total time on Production <u>23 HOURS</u>	
Oil Production	Gas Production	
During Test: <u>70.81</u> bbls; Grav. <u>37.0</u> ; During Test <u>190.30</u> MCF; GOR <u>2687</u>		
Remarks <u>TEST RESULTS INDICATE THAT THE PACKER IS SEPARATING THE TWO PRODUCING ZONES PROPERLY.</u>		

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

Approved \_\_\_\_\_ 19 61  
New Mexico Oil Conservation Commission

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

Operator WESTERN NATURAL GAS COMPANY

By COLEMAN PETROLEUM ENGINEERING CO.

Title AGENT

Date APRIL 19, 1961

