

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>	Rge <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>GAS LIFT</b>	<b>TBG</b>		<b>18/64</b>
Lower Compl <b>JUSTIS - FUSSELMAN</b>				<b>OIL</b>	<b>GAS LIFT</b>	<b>TBG</b>		<b>3/4</b>

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM (2-12-62)

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:00 AM (2-13-62)</u>		
Indicate by ( X ) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>1450 CHART</u>	<u>735 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>YES</u>
Maximum pressure during test.....	<u>1450</u>	<u>800</u>
Minimum pressure during test.....	<u>1450</u>	<u>25</u>
Pressure at conclusion of test.....	<u>1450</u>	<u>60</u>
Pressure change during test (Maximum minus Minimum).....	<u>-</u>	<u>775</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>INCREASE</u> <u>DECREASE</u>
Well closed at (hour, date): <u>9:00 AM (2-14-62)</u>	Total Time On Production <u>24 HOURS</u>	
Oil Production	Gas Production	
During Test: <u>123.00</u> bbls; Grav. <u>38.0</u> ;	During Test <u>*</u> MCF; GOR <u>-</u>	
<u>WATER 82.00 BBLs</u>		
Remarks <u>* GAS PRODUCTION TO BE FURNISHED BY WESTERN NATURAL GAS COMPANY.</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:15 AM (2-15-62)</u>		
Indicate by ( X ) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>1450 CHART</u>	<u>450 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>No</u>
Maximum pressure during test.....	<u>1450</u>	<u>550</u>
Minimum pressure during test.....	<u>0</u>	<u>450</u>
Pressure at conclusion of test.....	<u>225</u>	<u>550</u>
Pressure change during test (Maximum minus Minimum).....	<u>1450</u>	<u>100</u>
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>INCREASE</u>
Well closed at (hour, date): <u>9:00 AM (2-16-62)</u>	Total time on Production <u>23 HOURS 45 MINUTES</u>	
Oil Production	Gas Production	
During Test: <u>69.00</u> bbls; Grav. <u>36.0</u> ;	During Test <u>*</u> MCF; GOR <u>-</u>	
<u>WATER 104.00 BBLs</u>		
Remarks <u>DUE TO WELL BEING PRODUCED BY GAS LIFT THE CASING PRESSURE WAS RECORDED</u>		

AND INCLUDED WITH THIS TEST.

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

By Joe W. Ramey  
Title \_\_\_\_\_

Operator WESTERN NATURAL GAS COMPANY  
By COLEMAN PETROLEUM ENGINEERING CO.  
Title AGENT  
Date FEBRUARY 20, 1962

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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10<sup>6</sup> cells/ml (A), 10<sup>7</sup> cells/ml (B), 10<sup>8</sup> cells/ml (C), and 10<sup>9</sup> cells/ml (D). The concentration of the *Agrobacterium* suspension was 10<sup>6</sup> cells/ml (A), 10<sup>7</sup> cells/ml (B), 10<sup>8</sup> cells/ml (C), and 10<sup>9</sup> cells/ml (D). The concentration of the *Agrobacterium* suspension was 10<sup>6</sup> cells/ml (A), 10<sup>7</sup> cells/ml (B), 10<sup>8</sup> cells/ml (C), and 10<sup>9</sup> cells/ml (D). The concentration of the *Agrobacterium* suspension was 10<sup>6</sup> cells/ml (A), 10<sup>7</sup> cells/ml (B), 10<sup>8</sup> cells/ml (C), and 10<sup>9</sup> cells/ml (D).

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