

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Mobil Oil Corporation
P. O. Box 633
Midland, Texas

Operator <u>Mobil Oil Corporation</u>		Lease <u>Bridges State</u>		Well No. <u>96</u>	
Location of Well	Unit <u>H</u>	Sec <u>26</u>	Twp <u>17</u>	Rge <u>34</u>	County <u>Lea</u>
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	<u>VACUUM Abo</u>	<u>Oil</u>	<u>Flow</u>	<u>Tbg</u>	<u>30/64</u>
Lower Compl	<u>VACUUM Wolfcamp</u>	<u>Oil</u>	<u>Pump</u>	<u>Tbg</u>	<u>2"</u>

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 2:00 PM 9-19-66

Well opened at (hour, date): <u>3:00 PM 9-20-66</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>45</u>	<u>329</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>450</u>	<u>329</u>
Minimum pressure during test.....	<u>40</u>	<u>261</u>
Pressure at conclusion of test.....	<u>45</u>	<u>261</u>
Pressure change during test (Maximum minus Minimum).....	<u>410</u>	<u>68</u>
Was pressure change an increase or a decrease?.....	<u>decrease</u>	<u>decrease</u>
Well closed at (hour, date): <u>3:00 PM 9-21-66</u>	Total Time On Production <u>24 hrs</u>	
Oil Production During Test: <u>191</u> bbls; Grav. <u>38°@60°</u> ;	Gas Production During Test <u>185.6</u>	MCF; GOR <u>972</u>
Remarks <u>Prod. 2 bbls Free Water — Abo was dead after 24 hr shut in.</u> <u>Swabbed off for flow test.</u>		

FLOW TEST NO. 2

Well opened at (hour, date): <u>3:00 PM 9-22-66</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>352</u>	<u>245</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>352</u>	<u>245</u>
Minimum pressure during test.....	<u>346</u>	<u>40</u>
Pressure at conclusion of test.....	<u>346</u>	<u>167</u>
Pressure change during test (Maximum minus Minimum).....	<u>6</u>	<u>205</u>
Was pressure change an increase or a decrease?.....	<u>decrease</u>	<u>decrease</u>
Well closed at (hour, date): <u>3:00 PM 9-23-66</u>	Total time on Production <u>24 hrs</u>	
Oil Production During Test: <u>21</u> bbls; Grav. <u>40.8°@60°</u> ;	Gas Production During Test <u>25.2</u>	MCF; GOR <u>1200</u>
Remarks <u>Prod. 2 bbls Free Water</u>		

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

Approved _____
New Mexico Oil Conservation Commission

Operator Mobil Oil Corporation
By T. A. Payne
Title Authorized Agent
Date October 4, 1966

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <u>Mobil Oil Corporation</u>			Lease <u>State Bridges</u>		Well No. <u>96</u>	
Location of Well	Unit <u>H</u>	Sec <u>26</u>	Twp <u>17</u>	Rge <u>34</u>	County <u>LEA</u>	
	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	<u>VACUUM Abo North</u>		<u>Oil</u>	<u>Pump</u>	<u>Tbg</u>	<u>2"</u>
Lower Compl	<u>VACUUM Wolfcamp</u>		<u>Oil</u>	<u>Pump</u>	<u>Tbg</u>	<u>2"</u>

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 11:00 AM 5-16-66

Well opened at (hour, date): <u>11:00 AM 5-17-66</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>67</u>	<u>498</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>67</u>	<u>571</u>
Minimum pressure during test.....	<u>32</u>	<u>498</u>
Pressure at conclusion of test.....	<u>32</u>	<u>571</u>
Pressure change during test (Maximum minus Minimum).....	<u>35</u>	<u>73</u>
Was pressure change an increase or a decrease?.....	<u>decrease</u>	<u>INCREASE</u>
Well closed at (hour, date): <u>11:00 AM 5-18-66</u>	Total Time On Production <u>24 hrs</u>	
Oil Production	Gas Production	
During Test: <u>3</u> bbls; Grav. <u>39.8 @ 60°</u> ; During Test <u>21</u> MCF; GOR <u>7000</u>		
Remarks <u>Prod. No Free Water</u>		

FLOW TEST NO. 2

Well opened at (hour, date): <u>11:00 AM 5-19-66</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>77</u>	<u>636</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>214</u>	<u>636</u>
Minimum pressure during test.....	<u>77</u>	<u>73</u>
Pressure at conclusion of test.....	<u>214</u>	<u>73</u>
Pressure change during test (Maximum minus Minimum).....	<u>137</u>	<u>563</u>
Was pressure change an increase or a decrease?.....	<u>INCREASE</u>	<u>decrease</u>
Well closed at (hour, date): <u>11:00 AM 5-20-66</u>	Total time on Production <u>24 hrs</u>	
Oil Production	Gas Production	
During Test: <u>90</u> bbls; Grav. <u>40.6 @ 60</u> ; During Test <u>136.3</u> MCF; GOR <u>1514</u>		
Remarks <u>No free water</u>		

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 _____ Operator Mobil Oil Corporation
By A.C. Payne
Title Authorized Agent
Date 5-20-66