

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Formerly Socony Mobil Oil Company, Inc.

Operator <u>Mobil Oil Corporation</u>		Lease <u>S. E. LONG</u>			Well No. <u>2</u>	
Location of Well	Unit <u>J</u>	Sec <u>11</u>	Twp <u>22</u>	Rge <u>37</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>Penrose Skelly Grayburg</u>	<u>Oil</u>	<u>Pump</u>	<u>Tbg</u>	<u>2"</u>	
Lower Compl	<u>Paddock</u>	<u>Oil</u>	<u>Flow</u>	<u>Tbg</u>	<u>2"</u>	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 1:00 PM 6-27-66

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>1:00 PM 6-28-66</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>337</u>	<u>47</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>464</u>	<u>47</u>
Minimum pressure during test.....	<u>337</u>	<u>17</u>
Pressure at conclusion of test.....	<u>464</u>	<u>17</u>
Pressure change during test (Maximum minus Minimum).....	<u>127</u>	<u>30</u>
Was pressure change an increase or a decrease?.....	<u>INCREASE</u>	<u>decrease</u>
Well closed at (hour, date): <u>1:00 PM 6-29-66</u>	Total Time On Production <u>24 hrs</u>	
Oil Production	Gas Production	
During Test: <u>0</u> bbls; Grav. <u>—</u>	During Test: <u>TSTM</u> MCF; GOR <u>—</u>	
Remarks <u>Produced No free water</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>1:00 PM 6-30-66</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>532</u>	<u>126</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>532</u>	<u>126</u>
Minimum pressure during test.....	<u>28</u>	<u>89</u>
Pressure at conclusion of test.....	<u>28</u>	<u>89</u>
Pressure change during test (Maximum minus Minimum).....	<u>504</u>	<u>37</u>
Was pressure change an increase or a decrease?.....	<u>decrease</u>	<u>decrease</u>
Well closed at (hour, date): <u>1:00 PM 7-1-66</u>	Total time on Production <u>1 hr</u>	
Oil Production	Gas Production	
During Test: <u>12</u> bbls; Grav. <u>35.2° API</u>	During Test: <u>28</u> MCF; GOR <u>—</u>	
Remarks <u>Produced 19 bbls free water. Pressure in well increased from 126 to 128 bbls due to shut-in.</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

Operator _____

By J. C. Payne

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itle _____

Title Authorized Agent

Date July 5, 1966