

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Socony Mobil Oil Company, Inc.			Lease E. O. Carson			Well No. 20		
Location of Well	Unit N	Sec 28	Twp 21S	Rge 37E	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	Padioca		Oil	Pump	Tbg.	2"		
Lower Compl	Wantz Abo		Oil	Pump	Tbg.	2"		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM 8/13/62

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:00 AM 8/14/62</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>695</u>	<u>542</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>50</u>	<u>542</u>
Minimum pressure during test.....	<u>25</u>	<u>380</u>
Pressure at conclusion of test.....	<u>35</u>	<u>380</u>
Pressure change during test (Maximum minus Minimum).....	<u>25</u>	<u>162</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Decrease</u>
Well closed at (hour, date): <u>9:00 AM 8/15/62</u>	Total Time On Production <u>24 hrs.</u>	
Oil Production During Test: <u>37</u> bbls; Grav. <u>35.1 @ 60°</u>	Gas Production During Test <u>44</u> MCF; GOR <u>1189</u>	
Remarks <u>Produced 4 bbls. water. Chart dated 8/14/62 (Red) Wantz Abo pressure drop was due to leak in stuffing box. This is a special test, tbg. strings have been repaired/</u>		

FLOW TEST NO. 2

Well opened at (hour, date): <u>9:00 AM 8/16/62</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>692</u>	<u>485</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>382</u>	<u>100</u>
Minimum pressure during test.....	<u>692</u>	<u>60</u>
Pressure at conclusion of test.....	<u>382</u>	<u>60</u>
Pressure change during test (Maximum minus Minimum).....	<u>190</u>	<u>40</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>
Well closed at (hour, date): <u>9:00 AM 8/17/62</u>	Total time on Production <u>24 hrs.</u>	
Oil Production During Test: <u>29</u> bbls; Grav. <u>38.1 @ 60°</u>	Gas Production During Test <u>83</u> MCF; GOR <u>3034</u>	
Remarks <u>Produced 4 bbl. water. Chart dated 8/16/62 the red pen reading is high.</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 _____
Title _____

Operator Socony Mobil Oil Company, Inc.

By A. H. Jinner

Title Production Assistant

Date August 21, 1962

