

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Socony Mobil Oil Company, Inc.			Lease S. E. Long			Well No. 2	
Location of Well	Unit J	Sec 11	Twp 22 S	Rge 37 E	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	Penrose Skelly Grayburg		Oil	Art Lift	Tbg.	2"	
Lower Compl	Paddock		Oil	Flow s.c.	Tbg.	34/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:30 A.M. 1-27-64

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>8:30 A.M. 1-28-64</u>	
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>433</u>	<u>228</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>23</u>	<u>270</u>
Minimum pressure during test.....	<u>22</u>	<u>178</u>
Pressure at conclusion of test.....	<u>22</u>	<u>178</u>
Pressure change during test (Maximum minus Minimum).....	<u>1</u>	<u>92</u>
Was pressure change an increase or a decrease?.....	<u>decrease</u>	<u>decrease</u>
Well closed at (hour, date):	<u>8:30 A.M. 1-29-64</u>	
Oil Production _____ Gas Production _____		
During Test: <u>22</u> bbls; Grav. <u>34.7 @60°</u> ; During Test <u>20</u> MCF; GOR <u>952</u>		
Remarks <u>Produced 56 B.F.W. - Chart dated 1-28-64 Paddock (Red) pin did not ink. Also well loaded up causing the pressure drop.</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>8:30 A.M. 1-30-64</u>	
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>262</u>	<u>180</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>270</u>	<u>345</u>
Minimum pressure during test.....	<u>262</u>	<u>20</u>
Pressure at conclusion of test.....	<u>270</u>	<u>180</u>
Pressure change during test (Maximum minus Minimum).....	<u>8</u>	<u>325</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Increase</u>
Well closed at (hour, date):	<u>8:30 A.M. 1-31-64</u>	
Oil Production _____ Gas Production _____		
During Test: <u>5</u> bbls; Grav. <u>37.2 @60°</u> ; During Test <u>81</u> MCF; GOR <u>16,200</u>		
Remarks <u>Produced 1 B.F.W. - Chart dated 1-29-64 pins hung together showing lower pressure during test on (Blue) Grayburg.</u>		

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

Approved _____ 19 _____ Operator **Socony Mobil Oil Co., Inc.**
New Mexico Oil Conservation Commission By A. H. Joiner

By _____ Title Production Assistant
Title _____ Date 2-1-64

1. A pipe
well with
thereafter
Such tests shall be
days following
ever removed
tubing have been
munication is

2. At least 30
the operator shall
test is to be

3. The well shall be
completion and
shut-in and
sum of two
shut-in notes

4. For tests
at the normal
test shall be
stabilized and
that the well

FEB 10 1964

HOOPER & CO. INC.