

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Soco Mobil Oil Company, Inc.				Lease E. O. Carson		Well No. 20	
Location of Well	Unit N	Sec 28	Twp 21-S	Rge 37-E	County Lee		
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	Paddock		Oil	Flow w/int.	tubing	32/64	
Lower Compl	Wanta Abo		Oil	Flow	tubing	24/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 11 AM 3/6/61

Well opened at (hour, date):	Upper Completion	Lower Completion
<u>11 AM 3/7/61</u>		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	500	262
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	650	262
Minimum pressure during test.....	500	36
Pressure at conclusion of test.....	650	36
Pressure change during test (Maximum minus Minimum).....	150	226
Was pressure change an increase or a decrease?.....	Increase	Decrease
Well closed at (hour, date): <u>11 AM 3/8/61</u>	Total Time On Production <u>24 hours</u>	
Oil Production During Test: <u>4</u> bbls; Grav. <u>41.2</u>	Gas Production During Test <u>10</u> MCF; GOR <u>2500</u>	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date):	Upper Completion	Lower Completion
<u>11 AM 3/9/61</u>		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	652	47
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	652	40
Minimum pressure during test.....	50	40
Pressure at conclusion of test.....	500	40
Pressure change during test (Maximum minus Minimum).....	602	7
Was pressure change an increase or a decrease?.....	Decrease	Decrease
Well closed at (hour, date) <u>11 AM 3/10/61</u>	Total time on Production <u>* 4 - 1 hour periods in 2</u>	
Oil Production During Test: <u>52</u> bbls; Grav. <u>38.1</u>	Gas Production During Test <u>101</u> MCF; GOR <u>1942</u>	
Remarks <u>Water production 4 bbls., * Flowing w/intermitter on 4 - 1 hour periods in 24 hrs., Well will die if flowed for longer time period.</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 Soco Mobil Oil Company, Inc.

By [Signature]

By _____
Title _____

Title Production Foreman

Date March 22, 1961

The following data was obtained from the test:

1. The pressure in the engine cylinder at the end of the compression stroke was 100 lb. per sq. in.

2. The pressure in the engine cylinder at the end of the expansion stroke was 10 lb. per sq. in.

3. The pressure in the engine cylinder at the end of the combustion stroke was 150 lb. per sq. in.

4. The pressure in the engine cylinder at the end of the exhaust stroke was 10 lb. per sq. in.

5. The pressure in the engine cylinder at the end of the intake stroke was 10 lb. per sq. in.

6. The pressure in the engine cylinder at the end of the compression stroke was 100 lb. per sq. in.

7. The pressure in the engine cylinder at the end of the expansion stroke was 10 lb. per sq. in.

8. The pressure in the engine cylinder at the end of the combustion stroke was 150 lb. per sq. in.

9. The pressure in the engine cylinder at the end of the exhaust stroke was 10 lb. per sq. in.

10. The pressure in the engine cylinder at the end of the intake stroke was 10 lb. per sq. in.

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