

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

(Corrected Copy)

Operator Humble Oil & Refining Company				Lease New Mexico State M			Well No. 20	
Location of Well		Unit F	Sec 29	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	Langlie Mattix			Oil	Flow	2-7/8" casing	20/64	
Lower Compl	Drinkard			Oil	Pump	2" tubing	1-1/2" Pump	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): January 16, 1961, 9:00 A. M.

Well opened at (hour, date): January 17, 1961, 8:15 A. M.

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	<u>-</u>
Pressure at beginning of test.....	<u>246</u>	<u>40</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>246</u>	<u>40</u>
Minimum pressure during test.....	<u>170</u>	<u>40</u>
Pressure at conclusion of test.....	<u>170</u>	<u>40</u>
Pressure change during test (Maximum minus Minimum).....	<u>76</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>-</u>
Total Time On Production <u>7 Hrs. 15 Mins.</u>		
Well closed at (hour, date): <u>3:30 P.M., 1-17-61</u>		
Oil Production	Gas Production	
During Test: <u>20</u> bbls; Grav. <u>38.8</u> ; During Test <u>149.4</u> MCF; GOR <u>7470</u>		
Remarks <u>This is a dual completion whereby two casing strings are cemented in a single bore hole, 2-7/8" to Langlie Mattix, 1-1/2" to Drinkard.</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>8:10 A.M., 1-18-61</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>250</u>	<u>25</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>250</u>	<u>45</u>
Minimum pressure during test.....	<u>250</u>	<u>45</u>
Pressure at conclusion of test.....	<u>250</u>	<u>45</u>
Pressure change during test (Maximum minus Minimum).....	<u>-</u>	<u>-</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>-</u>
Total time on Production <u>5 Hrs., 50 Mins.</u>		
Well closed at (hour, date): <u>2:00 P. M.</u>		
Oil Production	Gas Production	
During Test: <u>1</u> bbls; Grav. <u>34.6</u> ; During Test <u>7.48</u> MCF; GOR <u>7480</u>		
Remarks <u>Pressure increase during pumping period is normal.</u>		

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

Approved _____ 19 76
New Mexico Oil Conservation Commission

Operator Humble Oil & Refining Co.

By _____

By _____
Title _____

Title Agent

Date January 25, 1961