

N. MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <u>Texaco Inc.</u>			Lease <u>C.H. Lockhart Fed. No. 1</u>			Well No. <u>4</u>		
Location of Well		Unit <u>I</u>	Sec <u>18</u>	Twp <u>22</u>	Rge <u>38</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>Tubb</u>				<u>Oil</u>	<u>Flow</u>	<u>Tbg.</u>		<u>1 3/4</u>
Lower Compl <u>Drinkard</u>				<u>Oil</u>	<u>Art. Lift</u>	<u>Tbg.</u>		<u>—</u>

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 1:15 PM 4-10-72

Well opened at (hour, date):	Upper Completion	Lower Completion
<u>10:00 AM 4-11-72</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....psi.....	<u>530</u>	<u>40</u>
Stabilized? (Yes or No).....	<u>NO</u>	<u>NO</u>
Maximum pressure during test.....psi.....	<u>530</u>	<u>40</u>
Minimum pressure during test.....psi.....	<u>30</u>	<u>30</u>
Pressure at conclusion of test.....psi.....	<u>50</u>	<u>30</u>
Pressure change during test (Maximum minus Minimum).psi.....	<u>500</u>	<u>10</u>
Was pressure change an increase or a decrease?.....	<u>decrease</u>	<u>decrease</u>
Well closed at (hour, date): <u>10:00 AM 4-12-72</u>	Total Time On Production <u>24 hrs.</u>	
Oil Production During Test: <u>5</u> bbls; Grav. <u>37.8</u> ;	Gas Production During Test <u>79</u> MCF; GOR <u>15,800</u>	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date):	Upper Completion	Lower Completion
<u>10:00 AM 4-13-72</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....psi.....	<u>550</u>	<u>30</u>
Stabilized? (Yes or No).....	<u>NO</u>	<u>NO</u>
Maximum pressure during test.....psi.....	<u>565</u>	<u>30</u>
Minimum pressure during test.....psi.....	<u>550</u>	<u>5</u>
Pressure at conclusion of test.....psi.....	<u>565</u>	<u>5</u>
Pressure change during test (Maximum minus Minimum).psi.....	<u>15</u>	<u>25</u>
Was pressure change an increase or a decrease?.....	<u>increase</u>	<u>decrease</u>
Well closed at (hour, date): <u>2:30 PM 4-13-72</u>	Total time on Production <u>4 hrs 30 min</u>	
Oil Production During Test: <u>1</u> bbls; Grav. <u>38.2</u> ;	Gas Production During Test <u>4</u> MCF; GOR <u>4000</u>	
Remarks <u>Annual Zone Segregation Test.</u>		

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

Approved MAY 10 1972 19
New Mexico Oil Conservation Commission

Orig. Signed by
Joe D. Ramsey
Dist. 1, Supv.

Operator Texaco, Inc.
By [Signature]
Title Asst. Dist. Supt.
Date 5-5-72

5. Following removal of the above items, the following items were found in the above described area:

5. Flow test shall be conducted even though no flow is observed during Flow Test No. 1. Procedure for Flow Test No. 2 shall be as for Flow Test No. 1 except that the procedure for determining minimum flow rate shall be as provided in the following table:

[illegible][illegible][illegible]