

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator TEXACO Inc.			Lease C. H. Lockhart (NCT-1)			Well No. 5	
Location of Well	Unit C	Sec 18	Twp 22-S		Rge 38-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	Tubb (Oil)		Oil	Flow	Tbg.		16/64
Lower Compl	Drinkard		Oil	Art Lift	Tbg.		---

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 12:00 Noon 2-19-62

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>10:45 A.M. 2-20-62</u>		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	1150	0
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	1170	70
Minimum pressure during test.....	1150	0
Pressure at conclusion of test.....	1150	25
Pressure change during test (Maximum minus Minimum).....	20	70
Was pressure change an increase or a decrease?.....	Increase	Increase
Well closed at (hour, date): <u>11:30 A.M. 2-21-62</u>	Total Time On Production 24 Hours & 45 Minutes	
Oil Production	Gas Production	
During Test: <u>9</u> bbls; Grav. <u>42</u> ; During Test <u>35</u>	MCF; GOR 3889	
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>7:00 P.M. 2-22-62</u>		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	1120	430
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	1165	430
Minimum pressure during test.....	580	390
Pressure at conclusion of test.....	580	390
Pressure change during test (Maximum minus Minimum).....	585	40
Was pressure change an increase or a decrease?.....	Decrease	Decrease
Well closed at (hour, date): <u>2:30 P.M. 2-23-62</u>	Total time on Production 18 Hours & 30 Minutes	
Oil Production	Gas Production	
During Test: <u>6</u> bbls; Grav. <u>43</u> ; During Test <u>79</u>	MCF; GOR 13,167	
Remarks _____		

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 TEXACO Inc.

By *DB*

By _____

Title Petroleum Engineer

Title _____

Date February 27, 1962

[illegible]

Figure 1. The effect of the concentration of the *Agrobacterium* strain on the transformation efficiency of *Agrobacterium* strain 1024. The *Agrobacterium* strain 1024 was cultured in the YEA medium for 24 h and then the cell concentration was adjusted to 100% (OD₆₀₀ = 0.6). The cell suspension was then diluted to 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, and 100% of the original concentration. The cell suspension was then used to transform the *Agrobacterium* strain 1024. The transformation efficiency was determined by the number of transformants per 100 µl of the cell suspension. The data were expressed as the mean ± SD of three independent experiments.

[illegible][illegible][illegible]

1. What is the purpose of the study?
 The purpose of the study is to investigate the effect of a new teaching method on student performance in mathematics.

$$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}, \quad \text{where } L = T - V.$$
[illegible][illegible]