

N^W MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <u>Texaco Inc.</u>			Lease <u>C. H. Lockhart Fed NCT-1</u>			Well No. <u>6</u>	
Location of Well	Unit <u>G</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>2 7/8</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): 9:30 AM 4-10-72

Well opened at (hour, date): 9:30 AM 4-11-72 Upper Completion Lower Completion

Indicate by (X) the zone producing..... X

Pressure at beginning of test.....psi..... 780 410

Stabilized? (Yes or No)..... No No

Maximum pressure during test.....psi..... 780 550

Minimum pressure during test.....psi..... 25 410

Pressure at conclusion of test.....psi..... 30 550

Pressure change during test (Maximum minus Minimum)...psi..... 750 140

Was pressure change an increase or a decrease?..... decrease increase

Well closed at (hour, date): 9:30 AM 4-12-72 Total Time On Production 24 hrs.

Oil Production Gas Production

During Test: 3 bbls; Grav. 37.8 ; During Test 15 MCF; GOR 5000

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 9:30 AM 4-13-72 Upper Completion Lower Completion

Indicate by (X) the zone producing..... X

Pressure at beginning of test.....psi..... 780 680

Stabilized? (Yes or No)..... No No

Maximum pressure during test.....psi..... 800 680

Minimum pressure during test.....psi..... 780 50

Pressure at conclusion of test.....psi..... 800 50

Pressure change during test (Maximum minus Minimum)...psi..... 20 630

Was pressure change an increase or a decrease?..... increase decrease

Well closed at (hour, date): 2:00 PM 4-13-72 Total time on Production 4 hrs 30 min.

Oil Production Gas Production

During Test: 3 bbls; Grav. 38.0 ; During Test 18 MCF; GOR 6000

Remarks Annual Zone Segregation Test.

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

By _____
Title _____
Orig. Signed By Joe D. Ramey
Dist. I, Supv.

Operator Texaco Inc.
By _____
Title ASST. DIST. SUPT.
Date 5-5-72

SOUTHEAST NEW MEXICO PACKER LEAKAGE 7 INSTRUCTIONS

1. A packer leakage test shall be commenced on a dual completion well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement of any packer leakage test the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.
4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

5. Following completion of Flow Test No. 1, the results are in accordance with paragraph 3 above.

8. Flow Test No. 1 shall be conducted **ever** though no Flow Test is required during Flow Test No. 2. Procedure for Flow Test No. 1 shall be the same as for Flow Test No. 2 except that the previously defined minimum Sample Weight for the previously defined minimum sample size

7. All pressures throughout the entire test shall be recorded continuously and recorded with the under pressure gauge. The pressure which may be checked at the headweight lies at the beginning and end of each flow test.

8. The results of the above-described tests shall be filed in the file within 10 days after completion of the test. Tests shall be conducted at the appropriate District Office of the New Mexico State Police or at a Division on Southeast New Mexico. Acker Insurance Co., Inc., 1000 E. 1st St., together with the original pressure recording gauge, shall be returned to the defendant's attorney, which was taken indicated that the pressure reading the addressed chart, the operator may conduct a test of the pressure curve for each gauge in each test indicating a pressure curve that is changed which may be reflected in the gauge charts as set forth in the weight pressure charts which were taken. If the pressure curve does not match the original chart must be permanently filed in the file. The office of the New Mexico State Police, Albuquerque, New Mexico, shall be notified when the test is completed. A letter with a gauge and a test result shall be