This form is not to be used for reporting packer leakage tests in Northwest New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

HOBBS OFFICE OCC
1960 AUG 3 AM 8:48

Operator	Lease	Well No.
TEXAS PACIFIC COAL & OIL CO.	STATE "C" A/C-2	1

Location of Well	Unit	Sec	Twp	Rge	County
	A	4	12	33	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	UPPER PENN	GAS	FLOW	CSG	23/64
Lower Compl	LOWER PENN	GAS	FLOW	TBG	18/64

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 7:00 AM (7-27-60)

Well opened at (hour, date): 1:00 PM (7-29-60)

	Upper Completion	Lower Completion
Indicate by (X) the zone producing	X	
Pressure at beginning of test	1100 CHART	1150 CHART
Stabilized? (Yes or No)	No	No
Maximum pressure during test	1100	1150
Minimum pressure during test	480	1125
Pressure at conclusion of test	550	1150
Pressure change during test (Maximum minus Minimum)	620	25
Was pressure change an increase or a decrease?	DECREASE	DECREASE

Well closed at (hour, date): 9:00 AM (7-30-60) Total Time On Production 20 HOURS

Oil Production During Test: 24.06 bbls; Grav. 71.0 ; Gas Production During Test 901.841 MCF; GOR 37,483

Remarks TEST RESULTS INDICATE THAT THE PACKER IS SEPARATING THE TWO PRODUCING ZONES PROPERLY.

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 9:00 AM (7-31-60)		
Indicate by (X) the zone producing		X
Pressure at beginning of test	1080 CHART	1210 CHART
Stabilized? (Yes or No)	No	No
Maximum pressure during test	1080	1210
Minimum pressure during test	1050	300
Pressure at conclusion of test	1050	300
Pressure change during test (Maximum minus Minimum)	30	910
Was pressure change an increase or a decrease?	DECREASE	DECREASE

Well closed at (hour, date) 9:00 AM (8-1-60) Total time on Production 24 HOURS

Oil Production During Test: 33.25 bbls; Grav. 47.0 ; Gas Production During Test 619.913 MCF; GOR 18,644

Remarks TEST RESULTS INDICATE THAT THE PACKER IS SEPARATING THE TWO PRODUCING ZONES PROPERLY.

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

By _____

Title _____

Operator TEXAS PACIFIC COAL & OIL CO.

By COLEMAN PETROLEUM ENGINEERING CO.

Joe A. Coleman

Title AGENT

Date AUGUST 2, 1960

SOUTHEAST NEW MEXICO PACKER LEAKA[illegible]

1. A packer leakage test shall be commenced on each multiple completion within seven days after actual completion of the well, and thereafter as prescribed by the order authorizing 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 72 hours.

4. 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 commenced with the flowing well-head pressure being stabilized but for a minimum of two hours thereafter, provided that the flow test need not continue for more than 24 hours.

5. Following completion of Flow Test No. 1, the well shall again be shut-in in accordance with Paragraph 3 above.

6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the previously shut-in zone is produced.

7. All pressures throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with a deadweight tester at least twice, once at the beginning and once at the end of each flow test.

8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on Southeast New Mexico Packer Leakage Test Form Revised 12-1-58 together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the original charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure changes which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form C-116 shall accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.