

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Rhodes & Richardson			Lease J. A. Stuart 7 11 '66			Well No. 1	
Location of Well		Unit N	Sec 11	Twp 25 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	Justis Blinebry		Oil	Pumping	Tubing		2"
Lower Compl	Justis Tubb Drinkard		Oil	Pumping	Tubing		2"

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 4 A.M. 5-29-66

Well opened at (hour, date): 4 A.M. 5-30-66

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>521 psi</u>	<u>734 psi</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>533 psi</u>	<u>734 psi</u>
Minimum pressure during test.....	<u>521 psi</u>	<u>698 psi</u>
Pressure at conclusion of test.....	<u>533 psi</u>	<u>698 psi</u>
Pressure change during test (Maximum minus Minimum).....	<u>12 psi</u>	<u>36 psi</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>

Well closed at (hour, date): 9 A.M. 5-30-66

Oil Production _____ Gas Production _____

During Test: 8 bbls; Grav. 37.5 ; During Test 22 MCF; GOR 2750

Remarks No indication of packer leakage

FLOW TEST NO. 2

Well opened at (hour, date): 2 P.M. 5-30-66

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>552 psi</u>	<u>740 psi</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>552 psi</u>	<u>748 psi</u>
Minimum pressure during test.....	<u>534 psi</u>	<u>740 psi</u>
Pressure at conclusion of test.....	<u>534 psi</u>	<u>748 psi</u>
Pressure change during test (Maximum minus Minimum).....	<u>18 psi</u>	<u>8 psi</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>

Well closed at (hour, date): 7 P.M. 5-30-66

Oil Production _____ Gas Production _____

During Test: 22 bbls; Grav. 38.1 ; During Test 50.8 MCF; GOR 2310

Remarks No indication of packer leakage

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 Rhodes & Richardson

By _____

By _____

Title Engineer

Title _____

Date 5-30-66

5. As to) the well shall again be shut-
6. down.

1. A packer leakage test shall be commenced on each multiply completed 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 well-head 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.

...ever, though no leak was indicated
... Flow Test No. 2 is to be the same
... the previously produced zone shall re-
... shot in zone is produced.

During the test, shall be continuously monitoring pressure gauges, the accuracy of the weight tester at least twice, once at the beginning and once at the end of each flow test.

described tests shall be filed in triplicate with the operator of the test. Tests shall be filed with the operator of the New Mexico Oil Conservation Commission, Packer Leakage Test Form Revised 11-1-58, showing the pressure recording gauge charts with all the data taken indicated thereon. In lieu of the operator may construct a pressure versus time test indicating thereon all pressure readings and the gauge charts as well as all dead-end pressure taken. If the pressure curve is submitted, it must be permanently filed in the operator's log to accompany the Packer Leakage Test Form and with a gas-oil ratio test period.

[illegible]