Produced by one zone single.

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 O. C. C.

Operator		Lease		Well No.
Shenandoah Oil Corporation		Ruth		1
Location of Well: Unit D	Sec 26	Twp 19 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	Drinkard	Oil	Flow	Tubing	24/64
Lower Compl	Wichita Albany	Oil	Flow	Tubing	32/64

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 7:30 AM December 12, 1966 *

Well opened at (hour, date): 7:00 AM December 5, 1966

	Upper Completion	Lower Completion
Indicate by (X) the zone producing		X
Pressure at beginning of test	1740	70
Stabilized? (Yes or No)	No	Yes
Maximum pressure during test	1800	90
Minimum pressure during test	1740	70
Pressure at conclusion of test	1800	80
Pressure change during test (Maximum minus Minimum)	60	20
Was pressure change an increase or a decrease?	increase	increase**

Well closed at (hour, date): 7:30 AM December 9, 1966 Total Time On Production 24 hours

Oil Production During Test: 100.00 bbls; Grav. 43; Gas Production During Test 625 MCF; GOR 6250

Remarks *Verbal permission from OCC to perform test by continuing to flow lower zone 24 hrs., Shut in both zones 24 hours; Flow upper zone 24 hours; Shut in both zones 24 hours.

** Increase due to well heading

FLOW TEST NO. 2

Well opened at (hour, date): 7:30 AM December 10, 1966

	Upper Completion	Lower Completion
Indicate by (X) the zone producing	X	
Pressure at beginning of test	1870	1130
Stabilized? (Yes or No)	Yes	No
Maximum pressure during test	1870	1300
Minimum pressure during test	50	1130
Pressure at conclusion of test	50	1300
Pressure change during test (Maximum minus Minimum)	1820	170
Was pressure change an increase or a decrease?	decrease	increase

Well closed at (hour, date) 7:30 AM December 11, 1966 Total time on Production 24 hours

Oil Production During Test: 17.22 bbls; Grav. 38; Gas Production During Test 156 MCF; GOR 9070

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

By _____

Title _____

Operator Shenandoah Oil Corporation

By [signature]

Title Agent

Date December 13, 1966

SOUTHEAST NEW MEXICO PACKER LEAKAG ST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply [illegible] well within seven days after actual completion of the well, and [illegible] thereafter as prescribed by the order authorizing the multiple [illegible] Such tests shall also be commenced on all multiple completions [illegible] days following recompletion and/or chemical or fracture treatment [illegible] ever remedial work has been done on a well during which the packer [illegible] tubing have been disturbed. Tests shall also be taken at any time [illegible] munication is suspected or when requested by the Commission.

2. At least 72 hours prior to the commencement of any packer [illegible] the operator shall notify the Commission in writing of the exact [illegible] test is to be commenced. Offset operators shall also be so notified.

3. The packer leakage test shall commence when both zones of the [illegible] completion are shut-in for pressure stabilization. Both zones shall [illegible] shut-in until the well-head pressure in each has stabilized and for a [illegible] mum of two hours thereafter, provided however, that they need not [illegible] shut-in more than 24 hours.

4. For Flow Test No. 1, one zone of the dual completion shall be [illegible] at the normal rate of production while the other zone remains [illegible] test shall be continued until the flowing wellhead pressure has stabilized and for a minimum of two hours thereafter, provided that the flow test need not continue for more than 24 hours.

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

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.

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.

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 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of the aforesaid 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 dead-weight pressure readings which were taken. If the pressure curve is submitted the original chart must be permanently filed in the operator's files. Form C-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.