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

Operator	Lease	Well No.
Sunray Mid-Continent Oil Company	State Land "15"	3

Location of Well	Unit	Sec	Twp	Rge	County
	O	16	21S	37E	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	Blinebry	Oil	Flow	Tubing	17/64
Lower Compl	Drinkard	Oil	Flow	Tubing	17/64

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM March 21, 1960

Well opened at (hour, date): 8:45 AM March 22, 1960

	Upper Completion	Lower Completion
Indicate by (X) the zone producing	X	
Pressure at beginning of test	1096	1200
Stabilized? (Yes or No)	Yes	Yes
Maximum pressure during test	1096	1200
Minimum pressure during test	450	1200
Pressure at conclusion of test	450	1200
Pressure change during test (Maximum minus Minimum)	646	0
Was pressure change an increase or a decrease?	Decrease	None

Well closed at (hour, date): 8:45 AM March 23, 1960 Total Time On Production 24 hours

Oil Production During Test: 78.5 bbls; Grav. 39.2 ; Gas Production During Test 363 MCF; GOR 4630

Remarks

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 9:00 AM March 24, 1960		
Indicate by (X) the zone producing		X
Pressure at beginning of test	1075	1180
Stabilized? (Yes or No)	No	Yes
Maximum pressure during test	1175	1180
Minimum pressure during test	1075	50
Pressure at conclusion of test	1175	550
Pressure change during test (Maximum minus Minimum)	100	1130
Was pressure change an increase or a decrease?	Increase	Decrease

Well closed at (hour, date) 9:00 AM March 25, 1960 Total time on Production 24 hours

Oil Production During Test: 5.5 bbls; Grav. 38.9 ; Gas Production During Test 115 MCF; GOR 20,900

Remarks

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

APR 11 1960

Approved _____ 19 _____
New Mexico Oil Conservation Commission

By _____
Title Engineer District I

Operator Sunray Mid-Continent Oil Company

By R. E. Statton

Title District Engineer

Date _____

[illegible] NEW MEXICO PACKER LEAKAGE [illegible] INSTRUCTIONS

1. [illegible] packer leakage test shall be commenced on each multiply completed well within seven days [illegible] 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 [illegible]. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.

2. At least [illegible] 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 [illegible].

4. For Flow Test [illegible] 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. [illegible] No. [illegible], the well shall [illegible] [illegible] [illegible] [illegible] [illegible] ve

6. Flow Test No. 2 shall be [illegible] even though no leak was [illegible] during Flow Test No. 1. [illegible] Flow Test No. 2 [illegible] is 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 [illegible] tests shall be [illegible] 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 [illegible] together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the pressure charts [illegible] of a constructed pressure versus time [illegible] indicating thereon all pressure changes which may be [illegible] gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart [illegible] permanently filed in the operator's office. [illegible] the Packer Leakage Test Form when [illegible] ratio test period.