

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

| | | | | | | | |
|---------------------------------------|----------------------|------------------|---------------------------------|----------------------------------|------------------------------|----------------------|--|
| Operator Sunray Oil Company | | | Lease N. M. State "I" | | | Well No. 1 | |
| Location of Well | Unit N | Sec 36 | Twp 9S | Rge 3E | 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 | Lane Welfcamp | | TA | - | Tbg Pulled | --- | |
| Lower Compl | Lane Penn | | Oil | Red Pump | Tubing | --- | |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): **10:30 A. M. 12/3/62**

| | | |
|--|---|---------------------|
| Well opened at (hour, date): 1:15 P.M. 12/4/62 | Upper Completion | Lower Completion |
| Indicate by (X) the zone producing..... | | X |
| Pressure at beginning of test..... | 0 | 1020 |
| Stabilized? (Yes or No)..... | Yes | Yes |
| Maximum pressure during test..... | 0 | 1020 |
| Minimum pressure during test..... | 0 | 0 |
| Pressure at conclusion of test..... | 0 | 85 |
| Pressure change during test (Maximum minus Minimum)..... | 0 | 1020 |
| Was pressure change an increase or a decrease?..... | No Change | Decrease |
| Well closed at (hour, date): 10:15 A.M. 12/5/62 | Total Time On Production 21 hours | |
| Oil Production | Gas Production | |
| During Test: 36 bbls; Grav. 45° | During Test 38 MCF; GOR 1060 | |

Remarks **For shut-in portion of test, Penn tbg was pumped up to 1020' and stabilized. For producing portion of test, opened tubing and started pumping. Welfcamp (tbg-Csg annulus) was shut-in during all of these parts of the test.**

FLOW TEST NO. 2

| | | |
|--|--|---------------------|
| Well opened at (hour, date): 11:30 P.M. 12/5/62 | Upper Completion | Lower Completion |
| Indicate by (X) the zone producing..... | X | |
| Pressure at beginning of test..... | 0 | 0 |
| Stabilized? (Yes or No)..... | Yes | Yes |
| Maximum pressure during test..... | 0 | 105' |
| Minimum pressure during test..... | 0 | |
| Pressure at conclusion of test..... | 0 | 1050 |
| Pressure change during test (Maximum minus Minimum)..... | 0 | 1050 |
| Was pressure change an increase or a decrease?..... | No Change | Increase |
| Well closed at (hour, date) 7:15 A.M. 12/6/62 | Total time on Production 7 3/4 hrs | |
| Oil Production | Gas Production | |
| During Test: 0 bbls; Grav. - | During Test 0 MCF; GOR - | |

Remarks **Closed Penn tubing and pumped up to 1050'. Opened casing (Welfcamp) with no blow. No change in Penn tubing.**

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

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| Approved _____ 19 _____ New Mexico Oil Conservation Commission | Operator Sunray Oil Company By H. E. Station District Engineer |
| By _____ Title _____ | Title _____ Date December 14, 1962 |

ST INSTRUCTIONS.

- on of Flow Test No. 1, the well shall again be shut-
in Paragraph 3 above.

Flow Test No. 2 shall be conducted even though no leak was indicated in 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.

At all times, 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.

2. The results of the above-described tests shall be filed in triplicate within 10 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission in 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 original pressure recording gauge charts, the operator may construct a pressure versus time graph for each zone of each test, indicating thereon all pressure readings which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is substituted on the original chart must be permanently filed in the operator's file. Form 16 shall also accompany the Packer Leakage Test Form when a test period coincides with a gas-oil ratio test period.

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