

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well  
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico

2-4-57

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Sunray Mid-Continent Oil Co. Eva Owens, Well No. 1, in NW 1/4, Nw 1/4,

(Company or Operator)

D

3

T

22-S

R

37-E

NMPM,

Tubbs Gas

Pool

(Unit)

Lea

County.

Date Spudded

1-9-57

Date Completed

1-31-57

Please indicate location:

I			

Elevation 3438 DF Total Depth 6600 P.B. 6560

Top oil/gas pay 6607 Name of Prod. Form Tubbs

Casing Perforations: 6007 - 6177 or

Depth to Casing shoe of Prod. String 6599

Natural Prod. Test BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs. Mins.

Gas Well Potential 1865 MCFPD \* Open Flow

Size choke in inches 1/2" 1789.3 MCFD

Date first oil run to tanks or gas to Transmission system: Shut In

Transporter taking Oil or Gas: Unknown at present

Casing and Cementing Record

Size Feet Sax

13 3/8	291	300
9 5/8	1174	225
7	3592	400
5	6599	250

Remarks: Well was acidized with 8000 gal reg. 15% low tension acid during completion.

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

Approved, 19 Sunray Mid-Continent Oil Company

(Company or Operator)

OIL CONSERVATION COMMISSION

By: [Signature] (Signature)

Title Hobbs Area Superintendent

Send Communications regarding well to:

By: [Signature]

Name Sunray Mid-Continent Oil Co.

Title

Address Box 128 - Hobbs, New Mexico

NEW MEXICO  
OIL CONSERVATION COMMISSION

4-1-56

PACKER LEAKAGE TEST

Operator Murray Mid-Continent Oil Co. Pool (Upper Completion) Tubb  
Lease Eva Owen Well 1 Pool (Lower Completion) 7-25-Drinkard  
Location: Unit 1, S. 2, T. 22, R. 27, Lee County, N. M.

Pre-Test Shut-In

Shut-in at (hour, date)..... 8:00 A.M. 1-31-57 Upper Completion Lower Completion  
Pressure stabilized at (hour, date)..... 8:00 A.M. 1-31-57 8:00 A.M. 1-31-57  
Length of time required to stabilize (hours)..... not recorded not recorded

Flow Test No. 1

Test commenced at (hour, date) 9:00 A.M. 1-31-57 Choke size Variable  
Completion producing Tubb Completion shut-in Drinkard

	Upper Completion	Lower Completion
Stabilized pressure at beginning of test.....	<u>1609</u> psi	<u>698</u> psi
Maximum pressure during test.....	<u>1609</u> psi	<u>698</u> psi
Minimum pressure during test.....	<u>596</u> psi	<u>698</u> psi
Pressure at end of test.....	<u>596</u> psi	<u>698</u> psi
Maximum pressure change during test.....	<u>1013</u> psi	<u>-</u> psi
Oil flow rate during test: <u>none</u> BOPD based on <u>none</u> BO in <u>none</u> hours.		
Gas flow rate during test: <u>none</u> MCFPD based on <u>none</u> MCF in <u>none</u> hours.		

Mid-Test Shut-In

Shut-in at (hour, date)..... 11:20 P.M. 1-31-57 Upper Completion Lower Completion  
Pressure stabilized at (hour, date)..... 11:00 A.M. 1-31-57 8:00 A.M. 1-31-57  
Length of time required to stabilize (hours)..... 12 hours -

Flow Test No. 2

Test commenced at (hour, date) 6:20 A.M. 1-31-57 Choke size 1/4"  
Completion producing Drinkard Completion shut-in Tubb

	Upper Completion	Lower Completion
Stabilized pressure at beginning of test.....	<u>698</u> psi	<u>1600</u> psi
Maximum pressure during test.....	<u>698</u> psi	<u>1600</u> psi
Minimum pressure during test.....	<u>40</u> psi	<u>1600</u> psi
Pressure at end of test.....	<u>60</u> psi	<u>1600</u> psi
Maximum pressure change during test.....	<u>638</u> psi	<u>-</u> psi
Oil flow rate during test: <u>23</u> BOPD based on <u>23</u> BO in <u>24</u> hours.		
Gas flow rate during test: <u>22.8</u> MCFPD based on <u>22.8</u> MCF in <u>24</u> hours.		

Test performed by CHARLES BEAL Title Agent

Witnessed by Mr. Clegg Title Production Foreman

REMARKS: Leak pressure test taken while Drinkard completion was shut in

NOTE: Recording gauge pressure charts, test data sheet, and a graphic depiction of all phases of the test shall be submitted with this report.

AFFIDAVIT:

I HEREBY CERTIFY that all conditions prescribed by Oil Conservation Commission of the State of New Mexico for this packer leakage test were complied with and carried out in full, and that all dates and facts set forth in this form and all attached material are true and correct.

Charles Beal For MURRAY MID-CONTINENT OIL COMPANY  
(Representative of Company Making Test) (Company Making Test)

SWORN TO AND SUBSCRIBED before me this the 31st day of January, 19 57

My Commission expires:

July 27-1960

Notary Public in and for the County of  
State of New Mexico

(OVER)

INSTRUCTIONS  
(SOUTHEAST NEW MEXICO ONLY)

1. At least 24 hours prior to the commencement of this test, the operator shall notify the District Office of the Oil Conservation Commission in writing of the exact time said test is to be commenced.
2. The packer leakage test shall commence with both sides of the completion shut-in. Both sides of the completion must be shut-in a sufficient length of time to allow for complete stabilization of both wellhead pressures, and for a minimum of 2 hours thereafter- this minimum of 2 hours shut-in must show on the charts of the pressure recorder and also must appear on the data sheet.
3. For Flow Test No. 1, one side of the dual completion shall be produced with the other side shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of 2 hours thereafter, and shall be at a rate of flow approximating the normal rate of flow for the zone being produced.
4. Following the completion of flow test No. 1, the well will again be shut-in, and remain so until the wellhead pressures have again become stabilized and for a minimum of 2 hours thereafter.
5. Flow Test No. 2 shall be performed with the previously shut-in side of the dual completion flowing and with the flowing side of the completion used in test number 1 remaining shut-in. This test shall be conducted exactly as outlined under Flow Test No. 1, and must be performed even though no leak was indicated by Flow Test No. 1.
6. All pressures, throughout the entire test, must be continuously measured and recorded with recording pressure gauges.
7. The accuracy of the recording gauges shall be checked at regular intervals throughout the test with a dead weight test gauge, and such readings shall be recorded on the test data sheet provided.
8. For any well on which the wellhead pressures will not stabilize in (24) twenty four hours or less, the minimum producing or shut-in time allowed for stabilization shall be (24) twenty-four hours.
9. This form must be completed and filed in duplicate with the District Office of the Oil Conservation Commission within 15 days following the completion of the testing, and must be accompanied by:
  - a. all of the charts, or copies thereof, used on the pressure recorders during the test.
  - b. the test data-sheet (s), or copies thereof, required under paragraph 7 above.
  - c. a graph depicting the pressures and their changes, for both sides of the completion over the entire test.
10. This packer leakage test shall be performed upon dual completion of any new wells so approved by the Commission. This test shall also be required each year during the annual GOR test for the lowermost oil zone or oil pool so concerned. The Commission may also request packer leakage tests at any time they feel that a new test is desirable.