

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 <b>Skelly Oil Company</b> <b>Gulf Oil Corporation</b>			Lease <b>Skelly State #1</b> <b>Central Drinkard Unit</b>			Well <b>3</b> No. <b>133</b>	
Location of Well	Unit	Sec	Twp	Rge	County		
	<b>C</b>	<b>32</b>	<b>21S</b>	<b>37E</b>	<b>Lea</b>		
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	<b>Tubb</b>	<b>Gas</b>	<b>Flow</b>		<b>Csg.</b>		<b>—</b>
Lower Compl	<b>Drinkard</b>	<b>Oil</b>	<b>Flow</b>		<b>Tbg.</b>		<b>25/64"</b>

## FLOW TEST NO. 1

Both zones shut-in at (hour, date): 11:00 a.m., 1-3-72

Well opened at (hour, date): 11:00 a.m., 1-4-72 Upper Completion Lower Completion

Indicate by ( X ) the zone producing..... X

Pressure at beginning of test..... 362 359

Stabilized? (Yes or No)..... Yes Yes

Maximum pressure during test..... 408 359

Minimum pressure during test..... 362 25

Pressure at conclusion of test..... 408 63

Pressure change during test (Maximum minus Minimum)..... 46 334

Was pressure change an increase or a decrease?..... Incr. Deer.

Well closed at (hour, date): 11:00 a.m., 1-5-72 Total Time On Production 24 hrs

Oil Production Gas Production

During Test: 8 bbls; Grav. 38.3; During Test 2235.0 MCF; GOR 29,375

Remarks \_\_\_\_\_

## FLOW TEST NO. 2

Well opened at (hour, date): 11:00 a.m., 1-6-72 Upper Completion Lower Completion

Indicate by ( X ) the zone producing..... X

Pressure at beginning of test..... 542 555

Stabilized? (Yes or No)..... Yes Yes

Maximum pressure during test..... 542 555

Minimum pressure during test..... 137 534

Pressure at conclusion of test..... 137 534

Pressure change during test (Maximum minus Minimum)..... 405 21

Was pressure change an increase or a decrease?..... Deer. Deer.

Well closed at (hour, date): 11:00 a.m., 1-7-72 Total time on Production 24 hrs

Oil Production Gas Production

During Test: 1 bbls; Grav. 53.0; During Test 76.0 MCF; GOR 76,000

Remarks \_\_\_\_\_

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

Approved IAN 11 1972 19  
New Mexico Oil Conservation Commission

Operator Gulf Oil Corporation

By J. W. Davis  
Original Signed By: J. W. Davis

Title Well Tester

Date 1-10-72

By [Signature]  
Title Inspector

## INSTRUCTIONS

1. A packer leakage test shall be commenced on a 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 when 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.

2. Following completion of Flow Test No. 1, the well shall again be shut-in as directed in a consecutive well log.

b. 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.

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-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 11-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In the filing of the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating the total pressure changes which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form 11b shall also accompany the Packer Leakage Test Report when the test period coincides with a gas-oil ratio test period.

RECEIVED

JAN 1 1972

OIL CONSERVATION COMM.  
HOBBS, H. H.