

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 Skelly Oil Co. Gulf Oil Corporation			Lease Skelly State #1 Central Drinkard Unit			Well 3 No. 133	
Location of Well	Unit C	Sec 32	Twp 21S	Rge 37E	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	Tubb		Gas	Flow	Csg.	—	
Lower Compl	Drinkard		Oil	Flow	Tbg.	22/64"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 11:00 a.m., 1-4-71

Well opened at (hour, date): <u>11:00 a.m., 1-5-71</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	565	565
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	565	565
Minimum pressure during test.....	515	87
Pressure at conclusion of test.....	515	87
Pressure change during test (Maximum minus Minimum).....	50	478
Was pressure change an increase or a decrease?.....	Decr.	Decr.
Well closed at (hour, date): <u>11:00 a.m., 1-6-71</u>	Total Time On Production	24 hrs
Oil Production During Test: <u>7</u> bbls; Grav. <u>37.1</u>	Gas Production During Test <u>258.0</u>	MCF; GOR <u>36,857</u>
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): <u>11:00 a.m., 1-7-71</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	611	603
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	611	603
Minimum pressure during test.....	396	567
Pressure at conclusion of test.....	396	567
Pressure change during test (Maximum minus Minimum).....	215	36
Was pressure change an increase or a decrease?.....	Decr.	Decr.
Well closed at (hour, date): <u>11:00 a.m., 1-8-71</u>	Total time on Production	24 hrs
Oil Production During Test: <u>1</u> bbls; Grav. <u>41.5</u>	Gas Production During Test <u>125.0</u>	MCF; GOR <u>125,000</u>
Remarks _____		

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

Approved <u>APR 30 1971</u> 19	Operator <u>Gulf Oil Corporation</u>
New Mexico Oil Conservation Commission	By <u>J. W. Davis</u>
By <u>[Signature]</u>	Title <u>Well Tester</u>
Title <u>APPROVED FOR RECORD</u>	Date <u>4-26-71</u>

Following the completion of the above work, the well shall again be shut-in, and the casing shall be cemented in place.

1. A packer leakage test shall be commenced on each 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 whenever 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 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.

7. The Test No. 1 shall be conducted even though no leak was indicated during the Test No. 2. The Test No. 2 is to be the same as Test No. 1. The zone and the previously produced zone shall remain stationary while the deadweight shut-in zone is produced.
8. All pressure readings during the entire test, shall be continuously recorded on a pressure gauge. The pressure gauges, the accuracy of which was determined with a deadweight tester at least twice, once at the beginning and once at the end of each flow test.
9. 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 report filed with the New Mexico Oil Conservation Commission on Spillages and Leaks, Tanker Leakage Test Form Revised 11-1-58, together with the digital pressure recording gauge charts with all the deadweight pressure readings taken indicated thereon. In lieu of filing the digital pressure recording gauge charts, the pressure versus time curve may be submitted indicating thereon all pressure changes with a digital pressure gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the operator shall immediately file in the operator's office, a copy of the pressure curve with the Tanker Leakage Test Form when the 15 day filing period for the leakage test period.

[illegible]