

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Skelly Oil Company			Lease Baker "B"			Well No. 15	
Location of Well	Unit J	Sec 10	Twp 22-S	Rge 37-E	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	Ellebry		Gas	Flow	Tbg.	10/64	
Lower Compl	Tubb		Gas	Flow	Tbg.	12/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM April 10, 1961

Well opened at (hour, date): 9:00 AM April 11, 1961	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	XX	
Pressure at beginning of test.....	1380	1676
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	1380	1680
Minimum pressure during test.....	580	1676
Pressure at conclusion of test.....	1504	1691
Pressure change during test (Maximum minus Minimum).....	900	5
Was pressure change an increase or a decrease?.....	Decrease	Increase
Well closed at (hour, date): 9:00 AM 12, April 1961	Total Time On Production 24 hrs.	
Oil Production	Gas Production	
During Test: 21.85 bbls; Grav. 60 ;	During Test 1331	MCF; GOR 62,204
Remarks Ellebry Test no. 1		

FLOW TEST NO. 2

Well opened at (hour, date): 9:00 AM April 12, 1961	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		XX
Pressure at beginning of test.....	1600	1691
Stabilized? (Yes or No).....	Yes	Yes?
Maximum pressure during test.....	1600	1691
Minimum pressure during test.....	1600	1260
Pressure at conclusion of test.....	1600	1629
Pressure change during test (Maximum minus Minimum).....	None	431
Was pressure change an increase or a decrease?.....	None	Decrease
Well closed at (hour, date) 9:00 AM April 14, 1961	Total time on Production 24 hrs.	
Oil Production	Gas Production	
During Test: 41.40 bbls; Grav. 59.5 ;	During Test 1920	MCF; GOR 46,377
Remarks Tubb Test No. 2.		

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

Approved _____ 19____
New Mexico Oil Conservation Commission

By _____
Title _____

Operator Skelly Oil Company

By J. N. Dunlavy

Title District Superintendent

Date April 17, 1961

SOUTHEAST NEW MEXICO PACKER LEAKAGE INSTRUCTIONS

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.

5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.

6. 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 10 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission or Southeast New Mexico Packer Leakage Test Form Revision 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken immediately thereon. In addition, if the use of all-weather charts, the operator shall submit a pressure versus time curve for each zone of each test, indicating pressure and 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. The test shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

