

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Cities Service Petroleum Company			Lease State C			Well No. 3	
Location of Well	Unit K	Sec 16	Twp 21-N	Rge 36-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	Eumont Gas Pool		Gas	Flow	Csg.	1"	
Lower Compl	Eumont Oil Pool		Oil	Flow	Tbg.	20/64"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 A.M. - April 16, 1962

Well opened at (hour, date):	Upper Completion	Lower Completion
<u>8:00 A.M. - April 17, 1962</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>750</u>	<u>240</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>750</u>	<u>240</u>
Minimum pressure during test.....	<u>440</u>	<u>240</u>
Pressure at conclusion of test.....	<u>440</u>	<u>240</u>
Pressure change during test (Maximum minus Minimum).....	<u>310</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>-</u>
Well closed at (hour, date):	Total Time On Production	
<u>8:00 A.M. - April 18, 1962</u>	<u>24 hours</u>	
Oil Production	Gas Production	
During Test: <u>0</u> bbls; Grav. <u>-</u> ;	During Test <u>440</u> MCF; GOR <u>-</u>	
Remarks <u>No leak apparent.</u>		

FLOW TEST NO. 2

Well opened at (hour, date):	Upper Completion	Lower Completion
<u>8:00 A.M. - April 19, 1962</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>770</u>	<u>240</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>800</u>	<u>240</u>
Minimum pressure during test.....	<u>770</u>	<u>60</u>
Pressure at conclusion of test.....	<u>800</u>	<u>60</u>
Pressure change during test (Maximum minus Minimum).....	<u>30</u>	<u>180</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>
Well closed at (hour, date):	Total time on Production	
<u>8:00 A.M. - April 20, 1962</u>	<u>24 hours</u>	
Oil Production	Gas Production	
During Test: <u>0</u> bbls; Grav. <u>-</u> ;	During Test <u>60</u> MCF; GOR <u>-</u>	
Remarks <u>Eumont Oil zone is loaded with fluid and presently shut-in because of high GOR</u>		

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

Operator Cities Service Petroleum Company

By Charles Roubicek

By _____

Title Production Engineer

Title _____

Date May 9, 1962

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST 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 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 suspended 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 test shall commence when both zones of the dual completion have been shut-in for pressure stabilization. Both zones shall remain shut-in until the wellhead 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 tests, one zone of the dual completion shall be produced at the same time as 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 shall 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 2 above.
6. Flow Test No. 2 shall be conducted even though no flow 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 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating the exact 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 District Office. Form C-116 shall also accompany the Packer Leakage Test when the test period coincides with a gas-oil ratio test.

