

Operator Shell Oil Company			Lease Office OCC State C			Well No. 1	
Location of Well	Unit A	Sec 24	Twp 260 SEP 10	Rge PM 4:135	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			Not Produced Gas	Not Produced Casing Flow	Casing	None	
Lower Compl	Eumant		Oil	Flow	Tubing	22/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 AM, 8-22-60

	Upper Completion	Lower Completion
Well opened at (hour, date): 9:30 AM, 8-22-60		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	487	585
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	487	585
Minimum pressure during test.....	455	50
Pressure at conclusion of test.....	455	50
Pressure change during test (Maximum minus Minimum).....	32	535
Was pressure change an increase or a decrease?.....	Decrease	Decrease
Well closed at (hour, date): 9:30 AM, 8-24-60	Total Time On Production 24 hours	
Oil Production	Gas Production	
During Test: 11 bbls; Grav. 36.4	During Test 123.5 MCF; GOR 9536	
Remarks Two tests were made on the lower zone only as the upper zone is not on production.		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 9:30 AM, 8-25-60		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	493	594
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	493	594
Minimum pressure during test.....	457	25
Pressure at conclusion of test.....	457	25
Pressure change during test (Maximum minus Minimum).....	36	569
Was pressure change an increase or a decrease?.....	Decrease	Decrease
Well closed at (hour, date): 9:30 AM, 8-26-60	Total time on Production 24 hours	
Oil Production	Gas Production	
During Test: 13 bbls; Grav. 36.4	During Test 141 MCF; GOR 9654	
Remarks		

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

Approved 14 1960 19
New Mexico Oil Conservation Commission

Operator Shell Oil Company
By S. B. Deal

By
Title Engineer District 1

Title Division Production Superintendent
Date September 9, 1960

WEST NEW MEXICO PAPER LEAKAGE TEST INSTRUCTIONS

1. The packer leakage test shall be commenced on each multiple completed zone within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion.
2. 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.
3. 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.
4. The packer leakage test shall commence when both zones of the dual completion are shut-in or 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.
5. 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 ten hours thereafter, provided however, that the flow test need not continue for more than 24 hours.
6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. However, for Flow Test No. 2, it is to be the same as for Flow Test No. 1, except that the previously produced zone shall remain shut-in until the previous 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 11-1-60, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid data, the operator may construct a pressure versus time curve for each zone of the well, indicating thereon all pressure changes which may be effective in 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 11-1-60 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

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