

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Shell Oil Company			Lease State L			Well No. 2	
Location of Well	Unit X	Sec 1	Twp 21S	Rge 35E	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	Flow	Casing		
Lower Compl	11		T.A.				

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM, 6-9-59

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>9:00 AM, 6-10-59</u>	
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>755</u>	<u>50</u>
Stabilized? (Yes or No).....	<u>Yes</u>	
Maximum pressure during test.....	<u>755</u>	<u>50</u>
Minimum pressure during test.....	<u>618</u>	<u>40</u>
Pressure at conclusion of test.....	<u>618</u>	<u>40</u>
Pressure change during test (Maximum minus Minimum).....	<u>137</u>	<u>10</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Decrease</u>
Total Time On Production <u>24 Hours</u>		
Well closed at (hour, date):	<u>9:00 AM, 6-11-59</u>	
Oil Production	<u>Gas Production</u>	
During Test: <u>None</u> bbls; Grav. _____; During Test <u>2,100 MCF</u> MCF; GOR _____		
Remarks <u>BHP bomb in TA zone indicated a 956 psi BHP at pool datum with no change during the test.</u>		
<u>Previous BHP was 959 psi on 4-9-59.</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>9:00 AM, 6-12-59</u>	
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>791</u>	<u>40</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>791</u>	<u>40</u>
Minimum pressure during test.....	<u>791</u>	<u>0</u>
Pressure at conclusion of test.....	<u>791</u>	<u>0</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>40</u>
Was pressure change an increase or a decrease?.....		<u>Decrease</u>
Total time on Production <u>2 1/2 Hours</u>		
Well closed at (hour, date):	<u>11:30 AM, 6-12-59</u>	
Oil Production	<u>Gas Production</u>	
During Test: <u>0</u> bbls; Grav. _____; During Test <u>TSTM</u> MCF; GOR _____		
Remarks <u>Tubing pressure bled to 0 psi in 11 minutes</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 Shell Oil Company
By S. B. Deal
Title Division Production Superintendent
Date June 23, 1959

4. 1000

... and I shall again be able to ...

01. Flow rate shall be indicated even though no leak was indicated during the test. The flow rate for Flow Test No. 2 is to be the same as the flow rate indicated except that the previously produced zone shall not be produced if the previously shut-in zone is produced.

At pressures throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked by 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 with the nearest enforcement office of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission or the nearest New Mexico Tanker Leakage Test Form Revised 11-1-58. Together with the original pressure recording gauge charts with all the deadweight pressures and water taken indicated thereon. In lieu of filing the pressure charts, the operator may construct a pressure versus time curve indicating the results of each test indicating thereon all pressure changes that may be indicated by the gauge charts as well as all deadweight pressures and water taken. If the pressure curve is submitted the original chart must be permanently filed in the operator's file. The original pressure recording gauge charts shall accompany the Tanker Leakage Test Form when it is submitted to the office with a gas-oil ratio test period.

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