

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator TEXACO Inc.			Lease C. P. Falby "B"			Well No. 3		
Location of Well	Unit M	Sec 8	Twp 22 S	1960 Aug 3	Time 7:15 AM	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		Oil	Flow		Tbg.		20/64
Lower Compl	Penrose Skelly		Oil	Pump		Tbg.		-

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 6:00 A. M. (mst) August 3, 1960

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>8:15 A. M. (mst) August 3, 1960</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>355</u>	<u>10</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>355</u>	<u>10</u>
Minimum pressure during test.....	<u>160</u>	<u>10</u>
Pressure at conclusion of test.....	<u>160</u>	<u>10</u>
Pressure change during test (Maximum minus Minimum).....	<u>195</u>	<u>None</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>-</u>
Total Time On Production <u>23 hours</u>		
Well closed at (hour, date): <u>7:15 A. M. (mst) Aug. 4, 1960</u>		
Oil Production Gas Production		
During Test: <u>50</u> bbls; Grav. <u>33.5°</u> API; During Test <u>157.8</u> MCF; GOR <u>3156</u>		
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): <u>6:00 A.M. (mst) August 5, 1960</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>380</u>	<u>10</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>385</u>	<u>12</u>
Minimum pressure during test.....	<u>380</u>	<u>10</u>
Pressure at conclusion of test.....	<u>385</u>	<u>12</u>
Pressure change during test (Maximum minus Minimum).....	<u>5</u>	<u>2</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Increase</u>
Total time on Production <u>24 hrs.</u>		
Well closed at (hour, date): <u>6:00 A.M. (mst) Aug. 6, 1960</u>		
Oil Production Gas Production		
During Test: <u>34</u> bbls; Grav. <u>34°</u> API; During Test <u>90</u> MCF; GOR <u>2647</u>		
Remarks _____		

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 TEXACO Inc. By <u>R. L. Altman</u> Title Petroleum Engineer Date <u>August 16, 1960</u>
By <u>[Signature]</u> Title _____	

TEST INSTRUCTIONS

3. A packer leakage test shall be commenced on each multiple 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 contamination 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.

The parking package test shall commence when both zones of the dual circulation 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 one hour 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, and the other zone shall be shut-in. The shut-in zone shall be kept shut-in until the flowing wellhead pressure has become stabilized and has a minimum of two hours thereafter, provided however that the flow test need not continue for more than 24 hours.

5. Following completion of 21-2 Test No. 1, we have determined that the results are in accordance with Paragraph 3 above.

6. Flow Test No. 2 shall be conducted even though a leak did not occur during Flow Test No. 1. Procedure for Flow Test No. 2 shall be the same as for Flow Test No. 1 except that the previously shut-in well shall remain shut-in while the previously shut-in well is pumped.

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 the unit within 15 days after completion of the test. Tests shall be performed at the appropriate District Office of the New Mexico Department of Conservation, Mission on Southeast New Mexico Rucker Leasing Test Farm (hereinafter referred to as "the test farm") together with the original pressure recording gauge charts, which shall include deadweight pressures which were taken indicating the pressure at the time of filling the aforesaid charts. The operator may also file a pressure recording time curve for each zone of each test, indicating thereon all pressure changes which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. The pressure test is also suited the original chart must be performed. Filed in the appropriate office, Rockwell shall also accompany the Rucker Leasing Test Farm when the test period coincides with a gas-oil ratio test period.

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