

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Texas Pacific Coal & Oil Co.			Lease Winberly			Well No. 2	
Location of Well	Unit A	Sec 23	Twp 25S	Rge 37E	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	Justis Blinbry		Oil	Flow	Tbg.	17/64	
Lower Compl	Justis Brinkard		Oil	Flow	Tbg.	17/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 AM 3/6/62

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>10:00 AM 3/7/62</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>1727</u>	<u>1438</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>1762</u>	<u>1438</u>
Minimum pressure during test.....	<u>1727</u>	<u>428</u>
Pressure at conclusion of test.....	<u>1762</u>	<u>428</u>
Pressure change during test (Maximum minus Minimum).....	<u>35</u>	<u>1010</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>
Well closed at (hour, date): <u>10:00 AM 3/8/62</u>	Total Time On Production <u>24</u>	
Oil Production During Test: <u>110</u> bbls; Grav. <u>39.8</u> ; Gas Production During Test <u>705.0</u> MCF; GOR <u>6409</u>		
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>10:45 AM 3/9/62</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>1776</u>	<u>1366</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>1776</u>	<u>1434</u>
Minimum pressure during test.....	<u>421</u>	<u>1366</u>
Pressure at conclusion of test.....	<u>421</u>	<u>1434</u>
Pressure change during test (Maximum minus Minimum).....	<u>1355</u>	<u>68</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>
Well closed at (hour, date): <u>10:15 AM 3/10/62</u>	Total time on Production <u>23.5</u>	
Oil Production During Test: <u>159</u> bbls; Grav. <u>38.0</u> ; Gas Production During Test <u>397.0</u> MCF; GOR <u>2497</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 Texas Pacific Coal & Oil Co.

By A. L. Smith

Title Gas Tester Oil Reports & Gas Services

Date 3/13/62

INSTRUCTIONS

A paper bearing test shall be commenced on date multiple tests shall be within seven days after actual completion of the work and immediately thereafter as prescribed by the order authorizing the multiple tests. Such tests shall also be commenced on all multiple completion 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 perforation is suspected or when requested by the Commission.

2. At least 70 days prior to the commencement of any further leakage test the operator shall notify the Commission in writing of the exact date 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 set 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 the zone 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 nominal rate of production while the other zone remains shut-in. Shut-in shall be continued until the flowing wellhead pressure has been stabilized and for a minimum of two hours thereafter. Produced water shall flow for a minimum of two hours thereafter. Produced water shall flow for a minimum of two hours thereafter.

So far as I am aware, of the 548 No. 1 as well as the 548 No. 2, I have no knowledge of any other.

[illegible]

Air 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.

5 The results of the above-described tests shall be filed in triplicate
6 within 10 days after completion of the test. PARTS SHALL BE FILED IN
7 the appropriate District Office of the New Mexico Department of Public
8 Safety on Southeast New Mexico Packer Leaking Inspection Division
9 together with the original pressure recording gauge parts and the
10 testweight pressures which were taken indicated thereon. In addition,
11 listing the pressure gauges, the operator shall file with the
12 Department for each gauge a test indicating the gauge's
13 changes either may be indicated by the gauge data as well as the
14 eight pressure readings which were taken at the preceding pressure
15 test. The pressure gauges shall be permanent. The test shall be
16 filed for the purpose of the Department. The test shall be
17 when the test period expires with a gas-oil test pressure.

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NEW MEXICO OIL CONSERVATION COMMISSION
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Operator Texas Pacific Coal and Oil Company			Lease Wimberly			Well No. 2		
Location of Well	Unit A	Sec 23	Twp 25-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	Hlinebry		Oil	Flow	Tbg.		24/64	
Lower Compl	Drinkard		Oil	Flow	Tbg.		26/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:30 A.M. 4/6/61

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>10:30 A.M. 4/11/61</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>1850</u>	<u>1712</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>No</u>
Maximum pressure during test.....	<u>1850</u>	<u>1712</u>
Minimum pressure during test.....	<u>1850</u>	<u>635</u>
Pressure at conclusion of test.....	<u>1850</u>	<u>635</u>
Pressure change during test (Maximum minus Minimum).....	<u>None</u>	<u>1077</u>
Was pressure change an increase or a decrease?.....	<u>None</u>	<u>Decrease</u>
Well closed at (hour, date): <u>10:30 A.M. 4/12/61</u>	Total Time On Production <u>24 Hrs.</u>	
Oil Production	Gas Production	
During Test: <u>152</u> bbls; Grav. <u>40.7</u> ; During Test <u>1305</u> MCF; GOR <u>8586</u>		
Remarks <u>Retest</u>		

FLOW TEST NO. 2

Well opened at (hour, date): <u>10:30 A.M. 4/13/61</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>1860</u>	<u>1548</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>No</u>
Maximum pressure during test.....	<u>1860</u>	<u>1624</u>
Minimum pressure during test.....	<u>500</u>	<u>1548</u>
Pressure at conclusion of test.....	<u>500</u>	<u>1624</u>
Pressure change during test (Maximum minus Minimum).....	<u>1360</u>	<u>76</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>
Well closed at (hour, date): <u>10:30 A.M. 4/14/61</u>	Total time on Production <u>24 Hrs.</u>	
Oil Production	Gas Production	
During Test: <u>169</u> bbls; Grav. <u>40.2</u> ; During Test <u>862.9</u> MCF; GOR <u>5106</u>		
Remarks <u>Retest</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

By _____
Title _____

Operator Texas Pacific Coal and Oil Company
By Jerry Eden
Title Petroleum Engineer
Date April 18, 1961

in accordance with the provisions of the law.

[illegible]

1. In the event of a malfunction of the engine, the operator shall be notified by the engine indicator light and the engine shall be stopped immediately.

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