

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

157

Operator <u>Amerada Petroleum Corporation</u>				Lease <u>Federal #B</u>		Well No. <u>2</u>	
Location of Well	Unit <u>H</u>	Sec <u>11</u>	Twp <u>13-S</u>	Rge <u>38-E</u>	County <u>Lea</u>		
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	<u>Bronco Mississippian</u>		<u>Oil</u>	<u>Flow</u>	<u>Tubing</u>	<u>22/64</u>	
Lower Compl	<u>Bronco Siluro-Devonian</u>		<u>Oil</u>	<u>Flow</u>	<u>Tubing</u>	<u>12/64</u>	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 3:00 P.M. May 23, 1960

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>8:45 A.M. May 24, 1960</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>465</u>	<u>435</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>480</u>	<u>380</u>
Minimum pressure during test.....	<u>465</u>	<u>360</u>
Pressure at conclusion of test.....	<u>480</u>	<u>397</u>
Pressure change during test (Maximum minus Minimum).....	<u>15</u>	<u>20</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Increase</u>
Well closed at (hour, date): <u>3:00 PM May 24, 1960</u>	Total Time On Production <u>6 Hours & 15 Minutes</u>	
Oil Production	Gas Production	
During Test: <u>61.13</u> bbls; Grav. <u>42.7</u> ;	During Test <u>5.99</u>	MCF; GOR <u>98</u>
Remarks <u>The pressure increase is attributed to temperature</u>		

FLOW TEST NO. 2

Well opened at (hour, date): <u>9:00 PM May 24, 1960</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>480</u>	<u>437</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>820</u>	<u>437</u>
Minimum pressure during test.....	<u>10</u>	<u>437</u>
Pressure at conclusion of test.....	<u>100</u>	<u>437</u>
Pressure change during test (Maximum minus Minimum).....	<u>810</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	
Well closed at (hour, date): <u>8:30 A.M. May 26, 1960</u>	Total time on Production <u>35 Hours & 30 Minutes</u>	
Oil Production	Gas Production	
During Test: <u>184.05</u> bbls; Grav. <u>41.9</u> ;	During Test <u>220.59</u>	MCF; GOR <u>1199</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 Amerada Petroleum Corporation
By Charles H. Mast
Title Engineer
Date May 27, 1960

By _____
Title _____

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When the pressure in the line drops below the set point, the pressure switch closes, and the pump starts. The pump continues to run until the pressure in the line rises above the set point, at which time the pressure switch opens and the pump stops. This cycle repeats itself as long as the pump is needed to maintain the pressure in the line.

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the situation.

[illegible][illegible]