

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Pan American Petroleum Corporation				Lease Eva Owen "B"		Well No. 4	
Location of Well	Unit N	Sec 34	Twp 21		Rge 37	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	Blinbry		Gas	Flow	Csg.	16/64	
Lower Compl	Drinkard		Oil	Flow	Tbg.	20/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 11:00 AM 2-5-62

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>11:00 AM 2-6-62</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>1460</u>	<u>460</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>No</u>
Maximum pressure during test.....	<u>1460</u>	<u>510</u>
Minimum pressure during test.....	<u>1120</u>	<u>460</u>
Pressure at conclusion of test.....	<u>1120</u>	<u>510</u>
Pressure change during test (Maximum minus Minimum).....	<u>340</u>	<u>50</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>
Total Time On Production <u>24 hours</u>		
Well closed at (hour, date): <u>11:00 AM 2-7-62</u>	Oil Production <u>810</u>	Gas Production <u>231,429</u>
During Test: <u>3.5</u> bbls; Grav. <u>55°</u> ; During Test <u>Low Press. 5</u> MCF; GOR <u>1,429</u>		
Remarks <u>No leakage indicated.</u>		

FLOW TEST NO. 2

Well opened at (hour, date): <u>11:00 AM 2-8-62</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>1460</u>	<u>540</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>1475</u>	<u>540</u>
Minimum pressure during test.....	<u>1460</u>	<u>85</u>
Pressure at conclusion of test.....	<u>1475</u>	<u>85</u>
Pressure change during test (Maximum minus Minimum).....	<u>15</u>	<u>455</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>
Total time on Production <u>24 hours</u>		
Well closed at (hour, date): <u>11:00 AM 2-9-62</u>	Oil Production <u>16</u>	Gas Production <u>188</u>
During Test: <u>16</u> bbls; Grav. <u>38°</u> ; During Test <u>188</u> MCF; GOR <u>11,750</u>		
Remarks <u>No leakage indicated.</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 Pan American Petroleum Corporation
By J. W. MEER
Title Area Engineer
Date February 13, 1962

1. The first step is to identify the problem or goal. This involves understanding the current situation and what needs to be achieved.