

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator		WESTERN NATURAL GAS COMPANY			Lease		WIMBERLY		Well No.		4	
Location of Well		Unit	Sec	24	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		DRINKARD			OIL		F		Tbg		15/64	
Lower Compl		FUSSELMAN			OIL		F		Tbg		15/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 11:00 AM (3-5-60)

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>2:00 PM (3-5-60)</u>		
Indicate by ( X ) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>800 CHART</u>	<u>650 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>NO</u>
Maximum pressure during test.....	<u>1475</u>	<u>730</u>
Minimum pressure during test.....	<u>630</u>	<u>650</u>
Pressure at conclusion of test.....	<u>700</u>	<u>730</u>
Pressure change during test (Maximum minus Minimum).....	<u>845</u>	<u>80</u>
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>INCREASE</u>
Well closed at (hour, date): <u>11:00 AM (3-6-60)</u>	Total Time On Production <u>21 HOURS</u>	
Oil Production During Test: <u>86.3</u> bbls; Grav. <u>37.2</u> ;	Gas Production During Test <u>275.310</u> MCF; GOR <u>3190</u>	
Remarks <u>TEST RESULTS INDICATE THAT THE PACKER IS SEPARATING THE TWO PRODUCING ZONES PROPERLY.</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>2:00 PM (3-9-60)</u>		
Indicate by ( X ) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>1000 CHART</u>	<u>970 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>NO</u>
Maximum pressure during test.....	<u>1000</u>	<u>970</u>
Minimum pressure during test.....	<u>1000</u>	<u>50</u>
Pressure at conclusion of test.....	<u>1000</u>	<u>215</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>920</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>DECREASE</u>
Well closed at (hour, date): <u>7:30 PM (3-9-60)</u>	Total time on Production <u>5 HOURS 30 MINUTES</u>	
Oil Production During Test: <u>52.21</u> bbls; Grav. <u>37.0</u> ;	Gas Production During Test <u>10.230</u> MCF; GOR <u>196</u>	
Remarks <u>TEST RESULTS INDICATE THAT THE PACKER IS SEPARATING THE TWO PRODUCING ZONES PROPERLY.</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 WESTERN NATURAL GAS COMPANY

By COLEMAN PETROLEUM ENGINEERING CO.

Title AGENT

Date MARCH 14, 1960