

NEW MEXICO OIL CONSERVATION COMMISSIC
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator WESTERN NATURAL GAS COMPANY			Lease WIMBERLEY			Well No. 4	
Location of Well	Unit E	Sec 24	Twp 25	Rge 37	County 13	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	TBO	15/64	
Lower Compl	FUSSELMAN		OIL	F	TBO	15/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM (4-19-59)

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>12:30 PM (4-21-59)</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>485 CHART</u>	<u>390 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>YES</u>
Maximum pressure during test.....	<u>515</u>	<u>390</u>
Minimum pressure during test.....	<u>485</u>	<u>250</u>
Pressure at conclusion of test.....	<u>515</u>	<u>365</u>
Pressure change during test (Maximum minus Minimum).....	<u>30</u>	<u>140</u>
Was pressure change an increase or a decrease?.....	<u>INCREASE</u>	<u>DECREASE</u>
Well closed at (hour, date): <u>5:30 PM (4-21-59)</u>	Total Time On Production <u>5 HOURS</u>	
Oil Production	Gas Production	
During Test: <u>69:00</u> bbls; Grav. <u>37.5</u>	During Test <u>25:164</u> MCF; GOR <u>365</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>10:45 AM (4-22-59)</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>585 CHART</u>	<u>590 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>YES</u>
Maximum pressure during test.....	<u>895</u>	<u>635</u>
Minimum pressure during test.....	<u>390</u>	<u>590</u>
Pressure at conclusion of test.....	<u>625</u>	<u>635</u>
Pressure change during test (Maximum minus Minimum).....	<u>270</u>	<u>45</u>
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>INCREASE</u>
Well closed at (hour, date): <u>10:45 AM (4-23-59)</u>	Total time on Production <u>24 HOURS</u>	
Oil Production	Gas Production	
During Test: <u>181:47</u> bbls; Grav. <u>37.0</u>	During Test <u>253:485</u> MCF; GOR <u>1397</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 Joe A. Coleman
JOE A. COLEMAN

Title AGENT

Date APRIL 27, 1959

