

## SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>Sunray DX Co.</b> <b>Gulf Oil Corporation</b>			Lease <b>Harby</b> <b>Central Drinkard Unit</b>			Well <b>2</b> No. <b>107</b>	
Location of Well	Unit <b>G</b>	Sec <b>29</b>	Twp <b>21S</b>	Rge <b>37E</b>	County <b>Lea</b>		
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	<b>Penrose Skelly</b>		<b>Oil</b>	<b>Standing</b>	<b>Tbg.</b>	<b>--</b>	
Lower Compl	<b>Drinkard</b>		<b>Oil</b>	<b>Flow S. C.</b>	<b>Tbg.</b>	<b>30/64"</b>	

## FLOW TEST NO. 1

Both zones shut-in at (hour, date): 11:45 a.m., 2-14-72

Well opened at (hour, date): 11:45 a.m., 2-15-72

	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>352</u>	<u>458</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>352</u>	<u>458</u>
Minimum pressure during test.....	<u>352</u>	<u>45</u>
Pressure at conclusion of test.....	<u>352</u>	<u>391</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>413</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>Decr.</u>
Well closed at (hour, date): <u>11:45 a.m., 2-16-72</u>	Total Time On Production <u>24 hrs</u>	
Oil Production	Gas Production	
During Test: <u>2</u> bbls; Grav. <u>38.6</u> ;	During Test <u>58.0</u> MCF; GOR <u>29,000</u>	
Remarks <u>Penrose Skelly zone standing TA</u>		

## FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date):		
Indicate by ( X ) the zone producing.....		
Pressure at beginning of test.....	<u>352</u>	<u>461</u>
Stabilized? (Yes or No).....		
Maximum pressure during test.....		
Minimum pressure during test.....		
Pressure at conclusion of test.....		
Pressure change during test (Maximum minus Minimum).....		
Was pressure change an increase or a decrease?.....		
Well closed at (hour, date)	Total time on Production	
Oil Production	Gas Production	
During Test: _____ bbls; Grav. _____ ;	During Test _____ MCF; GOR _____	
Remarks _____		

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved FEB 23 1972 19  
New Mexico Oil Conservation Commission

Operator Gulf Oil Corporation

By J. W. Davis

Title Well Tester

Date 2-21-72

By Joe D. Ramsey  
Title Dist. 1, Supv.

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1. The first step is to identify the problem. In this case, the problem is that the company is not meeting its sales targets.

[illegible][illegible]