

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator WESTERN NATURAL GAS COMPANY			Lease WIMBERLY			Well No. 3	
Location of Well		Unit D	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	JUSTIS - DRINKARD		OIL	FLOW	TBG	16/64	
Lower Compl	JUSTIS - FUSSELMAN		OIL	FLOW w/SWAB	TBG	1"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 AM (4-6-61)

	Upper Completion	Lower Completion
Well opened at (hour, date):	9:30 AM (4-7-61)	
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	1400 CHART	40 CHART
Stabilized? (Yes or No).....	YES	YES
Maximum pressure during test.....	1400	50
Minimum pressure during test.....	770	40
Pressure at conclusion of test.....	770	50
Pressure change during test (Maximum minus Minimum).....	630	10
Was pressure change an increase or a decrease?.....	DECREASE	INCREASE
Well closed at (hour, date):	9:30 AM (4-8-61)	
Oil Production		Gas Production
During Test: 200.06 bbls; Grav. 37.0		During Test 574.57 MCF; GOR 2872
Total Time On Production 24 HOURS		
Remarks TEST RESULTS INDICATE THAT THE PACKER IS SEPARATING THE TWO PRODUCING ZONES PROPERLY.		

FLOW TEST NO. 2

Well opened at (hour, date):	9:30 AM (4-9-61)	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....			X
Pressure at beginning of test.....	1420 CHART	50 CHART	
Stabilized? (Yes or No).....	No	YES	
Maximum pressure during test.....	1480	70	
Minimum pressure during test.....	1420	25	
Pressure at conclusion of test.....	1480	70	
Pressure change during test (Maximum minus Minimum).....	60	45	
Was pressure change an increase or a decrease?.....	INCREASE	INCREASE	
Well closed at (hour, date):	9:30 AM (4-10-61)	Total time on Production	24 HOURS
Oil Production		Gas Production	
During Test: 207.34 bbls; Grav. 37.0		During Test 201.33 MCF; GOR 971	
Remarks TEST RESULTS INDICATE THAT THE PACKER IS SEPARATING THE TWO PRODUCING ZONES PROPERLY.			

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 APRIL 18, 1961

1. The "Zone" shall be a projected area of 1000 acres, bounded by the north line of the "Tract" on the east, the "Line" on the south, the "Line" on the west, and the "Line" on the north. The "Zone" shall be a projected area of 1000 acres, bounded by the north line of the "Tract" on the east, the "Line" on the south, the "Line" on the west, and the "Line" on the north.

All pressures throughout the entire test, static and dynamic, were measured and recorded with a Bourdon pressure gage. The accuracy of the Bourdon gage, checked with a dead weight pressure standard, was ± 0.005 lb./sq. in. at the pressure involved at the end of the test.

The results of the above-described tests shall be listed in triplicate (1) in data after completion of the test; (2) as a separate list in the appropriate Field Office file; (3) in the New Mexico Department of Transportation file on Southeast New Mexico Pipeline Leakage Test route 8, under 8-18-82, with the original pressure recording tape charts with all the markings in color which were used in making the test; (4) in the New Mexico Department of Transportation file on the above-described test route 8, under 8-18-82, with the original pressure recording tape charts with all the markings in color which were used in making the test.

[illegible]

on the test period compared with a gas-oil ratio test period

[illegible]