

This form is not to be used for reporting gas well leakage tests in Northwest New Mexico

SOUTHWEST NEW MEXICO PACKER LEAKAGE TEST

Operator ARCO Oil & Gas Company			Lease Mahaffey Federal (ARC)			Well No. 1
Location of Well	Unit G C	Sec 14	Twp 20S	Rge 33E	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	Teas Bone Springs		Oil	Art. Lift	Tbg	None
Lower Compl	Teas Gas		Gas	Flow	Tbg	Open

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:30 A.M. 09/22/86

Well opened at (hour, date): 8:30 A.M. 09/23/86

	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....	X	
Pressure at beginning of test.....	274	1414
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	274	1420
Minimum pressure during test.....	74	1414
Pressure at conclusion of test.....	74	1420
Pressure change during test (Maximum minus Minimum).....	-200	+6
Was pressure change an increase or a decrease?.....	decrease	increase

Well closed at (hour, date): 1:30 P.M. 09/23/86 Total Time On Production 5 hrs

Oil Production \_\_\_\_\_ Gas Production \_\_\_\_\_

During Test: 2 bbls; Grav. 43.0; During Test 32.1 MCF; GOR 16050

Remarks Annual Test

FLOW TEST NO. 2

Well opened at (hour, date): 8:30 A.M. 09/24/86

	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		X
Pressure at beginning of test.....	294	1415
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	312	1415
Minimum pressure during test.....	294	983
Pressure at conclusion of test.....	312	983
Pressure change during test (Maximum minus Minimum).....	+18	-432
Was pressure change an increase or a decrease?.....	increase	decrease

Well closed at (hour, date): 1:30 P.M. 09/24/86 Total time on Production 5 hrs

Oil Production \_\_\_\_\_ Gas Production \_\_\_\_\_

During Test: 0 bbls; Grav. ---; During Test 99.7 MCF; GOR ---

REMARKS: Annual Test

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

Approved: OCT 7 1986 19  
Oil Conservation Division

Operator ARCO Oil & Gas Company  
By [Signature]  
Title Engineering Technician

By \_\_\_\_\_  
Orig. Signed by \_\_\_\_\_