

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

SOURCE: EAST NEW MEXICO PACKER LEAKAGE TEST

Operator		ARCO Oil and Gas Company Div of Atlantic Richfield Co.			Lease		Mahaffey Federal (ARC)		Well No. 1	
Location of Well	Unit	Sec	Twp	Rge	County		Lea			
	80	14	20S	33E						
	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		11/64		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 am, 9/16/85

Well opened at (hour, date): 9:30 am, 9/17/85

	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....	X	
Pressure at beginning of test.....	278	975
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	278	1010
Minimum pressure during test.....	142	975
Pressure at conclusion of test.....	142	1010
Pressure change during test (Maximum minus Minimum).....	-136	+35
Was pressure change an increase or a decrease?.....	decrease	increase

Well closed at (hour, date): 2:30 pm, 9/17/85

Oil Production During Test: 2 bbls; Grav. 41.4

Gas Production During Test: 5.4 MCF; GOR 2700

Total Time On Production: 5 hrs

Remarks: Annual Test

FLOW TEST NO. 2

Well opened at (hour, date): 9:30 am, 9/18/85

	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		X
Pressure at beginning of test.....	322	1100
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	336	1100
Minimum pressure during test.....	322	205
Pressure at conclusion of test.....	336	205
Pressure change during test (Maximum minus Minimum).....	+14	-895
Pressure change an increase or a decrease?.....	increase	decrease

Well closed at (hour, date): 2:30 pm, 9/18/85

Oil Production During Test: 0 bbls; Grav. -

Gas Production During Test: 87 MCF; GOR -

Total time on Production: 5 hrs

Remarks: Annual Test

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

Date: SEP 27 1985  
Conservation Division

Operator: ARCO Oil and Gas Company  
Div of Atlantic Richfield Company

By: *[Signature]*

Title: Engineering Technician

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT SUPERVISOR