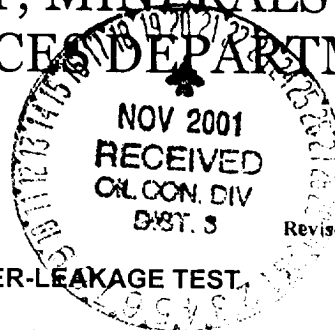


NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

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



Page 1
Revised 11/16/98

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Marathon Oil Company Lease Name Jicarilla Apache Well No 11

Location of Well: Unit Letter M Sec 28 Twp 26N Rge 5W API # 30-0 39-08149

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	Pictured Cliffs	Gas	Flowing	Casing
Lower Completion	Otero Chacra/ Blanco Mesaverde	Gas	Art. Lift (Plunger lift)	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 15:30 02Nov01	Length of time shut-in 69 Hours	SI press. Psig 98 psig	Stabilized? (Yes or No) Yes
Lower Completion	Hour, date shut-in 15:30 02Nov01	Length of time shut-in 69 Hours	SI press. Psig 339 psig	Stabilized? (Yes or No) Yes

FLOW TEST NO. 1

Commenced at (hour, date)* 12:40 05Nov01				Zone producing (Upper or Lower): Lower	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE Upper Completion Lower Completion		PROD. ZONE TEMP.	REMARKS
12:55 5Nov01	15 min	98	120		Tank #4451: 12-03-0 @ start of Test #1
13:10 5Nov01	15 min	98	114		
13:25 5Nov01	15 min	99	109		
13:40 5Nov01	15 min	99	103		
14:40 5Nov01	60 min	99	80		
15:40 5Nov01	60 min	99	72		Tank #4451: 12-03-0 @ end of Test #1 – no oil produced. SI well @ 15:40 05Nov01.

Production rate during test

Oil: 0 BOPD based on Bbls. in Hours Grav. GOR

Gas: 6.75 for 3hrs, extrapolated 54 MCFPD MCFPD; Tested thru (Orifice or Meter):

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 15:40 05Nov01	Length of time shut-in 19 Hours	SI press psig 102 psig	Stabilized? (Yes or No) Yes
Lower Completion	Hour, date shut-in 15:40 05Nov01	Length of time shut-in 19 Hours	SI press. Psig 336 psig	Stabilized? (Yes or No) Yes

(Continue on reverse side)

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST
Page 2

FLOW TEST NO. 2

Commenced at (hour, date)** 10:40 06Nov01			Zone producing (Upper or Lowr): Upper	
TIME (hour,date)	LAPSED TIME Since**	PRESSURE Upper Completion Lower Completion		PROD. ZONE
10:55 6Nov01	15 min	63	337	
11:10 6Nov01	15 min	48	338	
11:25 6Nov01	15 min	42	338	
11:40 6Nov01	15 min	37	339	
12:40 6Nov01	60 min	33	340	
13:40 6Nov01	60 min	46	341	
				Riding Gas Gathering Line Pressure.

Production rate during test

Oil: 0 BOPD based on Bbls. in Hours. Grav.

GOR

Gas: 92 for 3 hrs, extrapolated 736 MCFPD MCFPD:Tested thru (Orifice or Meter):

Remarks:

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

Approved **NOV 20 2001** 19
New Mexico Oil Conservation Division

Operator Marathon Oil Company

By Trenis Sondresen

By **ORIGINAL SIGNED BY CHARLES T. PETERSON**

Title Production Engineer

Title **DISTRICT OIL & GAS INSPECTOR, DIST. 25**

Date November 6, 2001