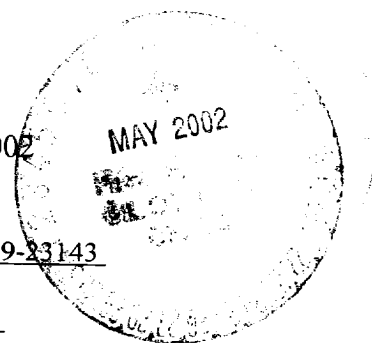


OIL CONSERVATION DIVISION

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST FOR 2002



Operator CAULKINS OIL COMPANY Lease BREECH Well No. 307-M API NO. 30-039-23143  
Location  
of Well: Unit O Sec. 13 Twp. 26N Rge. 7W County Rio Arriba

	NAME OF RESERVOIR OR POOL	TYPE OF PROD.	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Csg.)
Upper Comp.	Otero Chacra – Pictured Cliff	Gas	Flow	Tubing
Lower Comp.	Basin Dakota - Mesa Verde	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Comp.	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized?(Yes or No)
	9:30 a. m. 4/10/02	168 hours	221	Yes
Lower Comp.	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized?(Yes or No)
	9:30 a. m. 4/10/02	168 hours	428	Yes

FLOW TEST NO. 1

Commenced at (hour, date)* 9:30 am 4/14/02				Zone producing (Upper or Lower):	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE Upper Comp.   Lower Comp.		PROD. ZONE TEMP.	REMARKS
9:30 am 4/15/02	24 hrs.	213	418	60	Both Zones Shut-In
9:30 am 4/16/02	48 hrs.	216	428	60	Both Zones Shut-In
9:30 am 4/17/02	72 hrs.	221	428	60	Both Zones Shut-In – Higher Press. Zone Turned On
9:30 am 4/18/02	96 hrs.	224	180	60	Higher Press. Zone Producing
9:30 am 4/19/02	120 hrs.	225	195	60	Higher Press. Zone Producing

Production rate during test

Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hours \_\_\_\_\_ Grav. \_\_\_\_\_ GOR \_\_\_\_\_

Gas: \_\_\_\_\_ MCFPD: Tested thru (Orifice or Meter): \_\_\_\_\_

MID-TEST SHUT-IN PRESSURE DATA

Upper Comp.	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized?(Yes or No)
Lower Comp.	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized?(Yes or No)

(Continue on reverse side)

FLOW TEST NO. 2

Commenced at (hour, date)*				Zone producing (Upper or Lower):	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE Upper Comp.   Lower Comp.		PROD. ZONE TEMP.	REMARKS

Production rate during test

Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hours \_\_\_\_\_ Grav. \_\_\_\_\_ GOR \_\_\_\_\_

Gas: \_\_\_\_\_ 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.

Approval \_\_\_\_\_ 19 \_\_\_\_\_ Operator Caulkins Oil Company  
New Mexico Oil Conservation Division

By ORIGINAL SIGNED BY CHARLES T. PETERSON By Robert L. Vergara  
Title Superintendent

Title DEPUTY OIL & GAS INSPECTOR, PWT. Date May 8, 2002

**NOTE:** This format is in lieu of Oil Conservation Division, Packer Leakage Tests Form.