

STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

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

OIL CONSERVATION DIVISION

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Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator MOBIL PRODUCING TX. & N.M. INC. Lease Jicarilla H Well No. 2
Location of Well: Unit A Sec. 02 Twp. 26 N Rge. 03 W County Rio Arriba

	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	Gavilan Pictured Cliffs	Gas	Flow	Tbg.
Lower Completion	Blanco Mesa Verde	Gas	Flow	Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Upper Completion	1:00 12-2-90	3 Days	445#	Yes
Lower Completion	1:00 12-2-90	3 Days	750#	Yes

FLOW TEST NO. 1

Commenced at (hour, date)* 12-8-90				Zone producing (Upper or Lower): LOWER		
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP.	REMARKS	
		Upper Completion	Lower Completion			
12-9-90	1 Day	445#	735#	Date	12-6-90	12-7-90
12-10-90	2 Day	445#	715	Upper	445#	445#
				Lower	750#	750#

Production rate during test

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

Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____ METER

MID-TEST SHUT-IN PRESSURE DATA

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

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MAY 10 1991

OIL CON. DIV.
DIST 3

(Continue on reverse side)

DATE		WELL NO.		WELL NAME		REMARKS	

TESTING TEST

BCPD based on _____ Bbls. in _____ Hours. _____ Grav. _____ GOR _____
MCPD: Tested thru (Orifice or Meter): _____

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

MAY 10 1991

New Mexico Conservation Division

Original Signed by CHARLES GHOLSON

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Operator MOBIL EXP. & PROD. U.S. INC.

By *RE Lloyd*

Title PRODUCTION TECH. I

Date _____

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

FILE COPY

Packer leakage test shall be commenced on each newly completed well within 48 hours after actual completion of the well, and annually thereafter as prescribed by the governing the municipal commission. Such tests shall be commenced on all completions within seven days following completion of the well. Chemical or tracer tests shall be performed immediately after completion of the well during which the casing head has been eliminated. Tests shall be taken at any time that construction is being requested by the operator.

At least 12 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Office of the Division shall also be so notified.

The packer leakage test shall commence when both zones of the dual completion are under pressure stabilization. Both zones shall remain shut-in until the wellhead pressure in each has stabilized, provided however, that they need not remain shut-in more than 24 hours.

Flow Test No. 1: The zone of the dual completion shall be produced at the normal production rate while the other zone remains shut-in. Such test shall be continued for 24 hours in the case of a gas well and for 14 hours in the case of an oil well. Note: In the case of a packer leakage test, a gas well is being tested to the surface due to the lack of a pressure connection the flow period shall be three hours.

Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.

Flow Test No. 2 shall be conducted even though no less was indicated during Flow Test No. 1. Pressure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except

that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.

Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at five minute intervals as follows: 5 hours test; immediately prior to the beginning of each flow period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. Delay tests: immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be required on wells which have previously shown questionable test data.

Four-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least once, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Area District Office of the New Mexico Oil Conservation Division or Northwest New Mexico Packer Leakage Test Form Revised 10-01-78 with all deadweight pressure indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).

Packer—Leakage Test

Jicarilla H 2

