

STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

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Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Horace F. McKay, Jr. Lease Sullivan Well No. 3J
Location of Well: Unit A Sec. 29 Twp. 29N Rge. 10W County San Juan

	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	Fruitland	Gas	Flow	Csg.
Lower Completion	Pictured Cliffs	Gas	Flow	Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in <u>11:45^{AM} 7-9-95</u>	Length of time shut-in <u>4 DAYS</u>	SI press. psig <u>268</u>	Stabilized? (Yes or No) <u>Yes</u>
Lower Completion	Hour, date shut-in <u>11:45^{AM} 7-9-95</u>	Length of time shut-in <u>7 DAYS</u>	SI press. psig <u>155</u>	Stabilized? (Yes or No) <u>Yes</u>

FLOW TEST NO. 1

Commenced at (hour, date)*				Zone producing (Upper or Lower):	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
<u>1M</u> <u>7:45/7-13-95</u>	<u>0</u>	<u>140</u>	<u>158</u>		<u>UPPER ZONE PRODUCING</u>
<u>6:45 PM</u> <u>7-14-95</u>	<u>23 HRS.</u>	<u>142</u>	<u>160</u>		<u>UPPER ZONE PRODUCING</u>
<u>9:20 PM</u> <u>7-15-95</u>	<u>49.5 HRS.</u>	<u>145</u>	<u>161</u>		<u>UPPER ZONE PRODUCING</u>

Production rate during test

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

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

MID-TEST SHUT-IN PRESSURE DATA

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

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(Continue on reverse side)

OIL CON. DIV.
DIST. 2

FLOW TEST NO. 2

[illegible]

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.

Approved	New Mexico Oil Conservation Division	AUG 07 1995	DEPUTY OIL & GAS INSPECTOR		Title
By					
19					Date

Operator Horace F. McKay, Jr. By Robert. Ellis Title AGENT FOR HORACE F. McKay, Jr. Date July 27, 1995

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packet leakage test shall be commenced on each multipack completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multipack completion. Such test shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the completion or the rubbing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.
2. At least 72 hours prior to the commencement of any packet leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset operations shall also be so notified.
3. The packet leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressures in each has stabilized, provided however, that they need not remain shut-in more than seven days.
4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued for seven days in the case of a gas well and for 24 hours in the case of an oil well. Note: If, on an initial packet leakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall be three hours.
5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.