

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

For Meridian Oil Inc Lease FEE Well No. 12A
on Unit A Sec. 12 Twp. 30 N Rge. 12 W 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.)
<u>Pictured Cliffs</u>	<u>Gas</u>	<u>Flow</u>	<u>Tbg.</u>
<u>Mesaverte</u>	<u>Gas</u>	<u>Flow</u>	<u>Tbg.</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
<u>8-4-92</u>	<u>3 DAYS</u>	<u>212</u>	
Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
<u>8-4-92</u>	<u>3 DAYS</u>	<u>800</u>	

FLOW TEST NO. 1

FLOW TEST NO. 1				Zone producing (Upper or Lower) <u>Lower</u>	
Record at (hour, date)* <u>8-7-92</u>		PRESSURE		PROD. ZONE TEMP.	REMARKS
TIME hour, date	LAPSED TIME SINCE*	Upper Completion	Lower Completion		
<u>5-92</u>		<u>190</u>	<u>790</u>		
<u>6-92</u>		<u>210</u>	<u>800</u>		
<u>7-92</u>		<u>212</u>	<u>800</u>		
<u>8-92</u>		<u>217</u>	<u>340</u>		
<u>9-92</u>		<u>221</u>	<u>340</u>		

Injection rate during test

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

MCFPD; Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

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

(Continue on reverse side)

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at (hour, date) 率率

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

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

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 Mexico Oil Conservation Division

Operator Meridian Oil Inc.

By SUSAN DOLAN
OPERATIONS ASSISTANT

Title _____

Date _____

DEPUTY OIL & GAS INSPECTOR, DIST. #2

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

"leakage test shall be commenced on each multiple-completed well within
fifty days after completion of the well, and annually thereafter as prescribed by the
regulating the multiple completion. Such tests shall also be commenced on all
multiple completions within seven days following recompletion and/or chemical or frac-
ture, and whenever remedial work has been done on a well during which the
casing or tubing has been disturbed. Tests shall also be taken at any time that com-
pletion is suspected, or when requested by the Division.

72 hours prior to the commencement of any packer leakage test, the operator, the Division in writing of the exact time the test is to be commenced. Offset will also be so notified.

cker leakage test shall commence when both zones of the dual completion are under pressure stabilization. Both zones shall remain shut-in until the well-head pressure has stabilized, provided however, that they need not remain shut-in more than 48 hours.

= Test No. 1, one zone of the dual completion shall be produced at the normal injection while the other zone remains shut-in. Such test shall be continued for 14 days in the case of a gas well and for 24 hours in the case of an oil well. Note: if, on a leak-off test, a gas well is being flowed to the atmosphere due to the lack of a connection the flow period shall be three hours.

ng completion of Flow Test No. 1, the well shall again be shut-in, in accord-
Paragraph 3 above.

Test No. 2 shall be conducted even though no leak was indicated during Flow Procedure 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.

7. Pressures for gas-zone tests must be measured on each zone with a dead-weight pressure gauge at time intervals as follows: 3-hour tests: 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. 7-day tests: immediately prior to the beginning of each flow period; at least one time during each flow period (at approximately the mid-way point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

24-hour oil zone tests at 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 twice, 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.

8. 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 Astec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Forms Revised 10-01-78 with all dead-weight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).