

OIL CONSERVATION DIVISION

API # 30-045-10395

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Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator BURLINGTON RESOURCES OIL & GAS CO.

Lease OLIVER SRC

Well

No. 1

Location

of Well: Unit A Sect 25 Twp. 031N

Rge. 012W

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	DAKOTA	Gas	Artificial	Tubing
Lower Completion	MESAVERDE	Gas	Flow	Casing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in <u>4/20/98</u>	Length of time shut-in <u>120</u> Hours	SI press. psig <u>460</u>	Stabilized? (Yes or No)
Lower Completion	<u>4/20/98</u>	<u>72</u> Hours	<u>495</u>	

FLOW TEST NO. 1

Commenced at (hour, date)* <u>4/23/98</u>		PRESSURE		Zone producing (Upper or Lower)	LOWER
TIME (hour, date)	LAPSED TIME SINCE*	Upper Completion	Lower Completion	PROD. ZONE TEMP	REMARKS
<u>4/24/98</u>	<u>96</u> Hours	<u>462</u>	<u>250</u>		turned on lower zone.
<u>4/25/98</u>	<u>120</u> Hours	<u>464</u>	<u>242</u>		

END TEST.
RECEIVED
JUN 19 1998

OIL CON. DIV.
DIST. 3

Production rate during test

Oil: _____ BOPD based on _____ Bbbls. 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)

(Continue on reverse side)

FLOW TEST NO. 2

[illegible]

Production rate during test

10

BOPD based on

MCFPD: Tested thru (Orifice or Meter):

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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

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JUN 22 1998

Deputy Oil & Gas Inspector

Tide

Date _____

Tide

4g

Operator

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

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

It is produced.

[illegible]

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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 recorded on wells which have previously shown ques-

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 approximately the midway

[illegible]

7. Pressures for gas-some tests must be measured on each zone with a deadweight

that the previously produced zone shall remain shut-in while the 2000 zone which was previously shut-in is produced.

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiply completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or frac-packer or the tubing have been dismantled. Tests shall also be taken as well during which the communication is suspected or when requested by the Division.
2. At least 72 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. Official operations shall also be so notified.
3. The packer 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-headed pressure 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. Hence, if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the back 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.
6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except