

OIL CONSERVATION DIVISION

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator BUFLINGTON RESOURCES OIL & GAS CO. Lease HUERFANO UNIT Well No. 105

Location

of Well: Unit P Sect 29 Twp. 027N Rge. 010W 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	GALLUP	Gas	Flow	Tubing
Lower Completion	DAKOTA	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	9/27/97	120 Hours	182	
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	9/27/97	72 Hours	344	

FLOW TEST NO. 1

Commenced at (hour,date)*		9:30/97		Zone producing (Upper or Lower)		LOWER
TIME (hour,date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE	REMARKS	
		Upper Completion	Lower Completion	TEMP		
10/1/97	96 Hours	188	100			
10/2/97	120 Hours	196	120			
					Well is on intermitter, psi taken during shut in	
					RECEIVED	
					JAN 02 1998	
					OIL CON. DIV.	
					DIST. 3	

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 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)

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FLOW TEST NO. 2

[illegible]

Production rate during test

Oil:	BOED based on	Bbls. in	Hours.	GTAV.	GOR

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

Remarks:

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

Approved _____
Operator _____ 19 _____

New Mexico Oil Conservation Division

By _____
Tide _____

Deputy Oil & Gas Inspector

Date _____

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be completed on each multiple completed well within seven days after actual completion of the well, and annually thereafter, as prescribed by the order authorizing the multiple completion. Such tests shall also be connected 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 packer or the tubing 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 packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced.
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-head 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 if the case of a gas well and for 72 hours in the case of an oil well. Except, on an initial packer 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.
6. Flow Test No. 2 shall be conducted even though no test was indicated during flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1.

Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1

as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).