

OIL CONSERVATION DIVISION

API # 30-045-06131

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Revised 10-01-78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator BURLINGTON RESOURCES OIL & GAS CO. Lease HUERFANO UNIT Well No. 106

Location

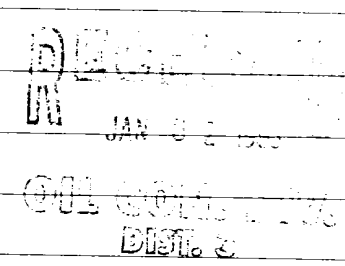
of Well: Unit J Sect 33 Twp. 027N Rge. 010W County SAN JUAN

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 9/27/97	Length of time shut-in 120 Hours	SI press. psig 152	Stabilized? (Yes or No)
Lower Completion	9/27/97	72 Hours	432	

FLOW TEST NO. 1

Commenced at (hour,date)*		9/30/97		Zone producing (Upper or Lower)		LOWER
TIME	LAPSED TIME	PRESSURE		PROD. ZONE	REMARKS	
(hour,date)	SINCE*	Upper Completion	Lower Completion	TEMP		
10/1/97	96 Hours	154	141			
10/2/97	120 Hours	158	79			

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)

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

FLOW TEST NO. 2

Commented at (hour, date)**		Zone producing (Upper or Lower):	
TIME	LAPSED TIME	PRESSURE	
		Upper Completion	Lower Completion
(hour, date)	SINCE**	PROD. ZONE	
		TEMP.	
		REMARKS	

Production rate during test

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

Gas: _____

Remarks: _____

MCFPD; Tested thru (Office or Meter): _____

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

Approved _____ 19 _____ JAN 06 1998

New Mexico Oil Conservation Division

By _____ Title _____

Deputy Oil & Gas Inspector

Date _____

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 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. Offset operators 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-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 24 hours in the case of an oil well. Note: If, 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 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.

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

New Mexico Oil Conservation Division of Northwest New Mexico Packer Leakage Test Form Revised 10/01/78 with all deadweight pressures indicated thereon as well after completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico Oil Conservation Division of Northwest New Mexico Packer Leakage Test Form Revised 10/01/78 with all deadweight pressures indicated thereon as well

8. The result of the above described tests shall be filed in triplicate within 15 days after completion of the test.

deadweight pressures as required above being taken on the gas zone.

completion, the recording gauge shall be required on the oil zone only, with

each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual which must be checked at least twice, once at the beginning and once at the end of continuously measured and recorded with recording pressure gauges the accuracy of 24-hour oil zone tests; all pressures, throughout the entire test, shall be which have previously shown questionable test data.

flow period. Other pressures may be taken as desired, or may be requested on wells approximately the midway point and immediately prior to the conclusion of each immediately prior to the flow period, at least one time during each flow period (at the end of, and at hourly intervals thereafter, including one pressure measurement beginning of each flow period, at fifteen minute intervals during the first hour pressure gauge at time intervals as follows: 3 hours tests; immediately prior to the was previously shut-in is produced.

7. Pressures for gas-zone tests must be measured on each zone with a deadweight except that the previously produced zone shall remain shut-in while the zone which