

STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

Location of Well: I343109 Page 1

OIL CONSERVATION DIVISION
NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

I 34 31 9

Operator: AMOCO PRODUCTION COMPANY Lease/Well #: PRITCHARD LS 003A
Meter #: 89707 RTU: 1-032-02 County: SAN JUAN

93

	NAME RESERVOIR OR POOL	TYPE PROD	METHOD PROD	MEDIUM PROD
UPR COMP	PRITCHARD LS 003A BMV 89708	GAS	FLOW	TBG
LWR COMP	PRITCHARD LS 003A BFT 89707	GAS	FLOW	TBG

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour/Date Shut-In	Length of time Shut-In	SI Press. PSIG	Stabilized
UPR COMP	01/03/93	72	863	yes
LWR COMP	01/03/93	72	192	No

FLOW TEST DATE NO. 1

Commenced at (hour, date)*				Zone Producing (Upr/Lwr)	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		Prod Temp.	REMARKS
		Upper	Lower		
01/03/93	Day 1	864	208		Both Zones SI
01/04/93	Day 2	864	221		Both Zones SI
01/05/93	Day 3	864	208		Both Zones SI
01/06/93	Day 4	863	193		flowed lower zone
01/07/93	Day 5	864	187		
01/08/93	Day 6	864	174		

Production rate during test

Oil: _____ BOPD based on _____ BBLs in _____ Hrs _____ Grav _____ GOR _____

Gas: _____ MFCPD: Tested thru (Orifice or Meter): METER

MID-TEST SHUT-IN PRESSURE DATA

	Hour, Date SI	Length of Time SI	SI Press. PSIG	Stabilized (yes/no)
UPR COMP				
LWR COMP				

RECEIVED

MAR 4 1993

OIL CON. DIV.)

(Continue on reverse side)

93 test

FLOW TEST NO. 2

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

Production rate during test

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

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

Remarks: _____

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

Approved MAR 4 1993 19 _____
New Mexico Oil Conservation Division

By _____ Original Signed by CHARLES GHOLSON

Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Operator Amoco Prod.

By JDmellors

Title field tech

Date 3/19/93

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

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 commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatments, 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 in the case of a gas well and for 34 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 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 deadweight pressure gauge at time intervals as follows: 3 hours test: immediately prior to the beginning of each flow period, at fifteen-minute intervals during the flow hour thereof, hourly intervals thereafter, including one pressure measurement immediately prior to conclusion of each flow period. 7-day test: immediately prior to the beginning of flow period, at least one time during each flow period (at approximately the point) and immediately prior to the conclusion of each flow period. Other pressure measurements may be taken as desired, or may be requested on wells which are previously shut-inable test data.

24-hour oil zone tests: all pressures, throughout the entire test, shall be measured and recorded with recording pressure gauges the accuracy of which checked at least twice, once at the beginning and once at the end of each test deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, a logging gauge shall be required on the oil zone only, with deadweight pressure gauges being taken on the gas zone.

8. The results of the above-described tests shall be filed in duplicate with completion of the test. Tests shall be filed with the District Director, Oil Conservation Division on Northwest New Mexico Packer Leakage Form 10-01-78 with all deadweight pressure indicated, shut-in shut-in, and temperatures (gas zones only) and gravity and GOR (oil zones only).