

STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

Location of Well: A262812 Page 1

OIL CONSERVATION DIVISION
NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

RECEIVED

DEC 30 1991

Operator: AMOCO PRODUCTION COMPANY Lease/Well #: GCU 83

Meter #: 73773

RTU: 1-144-06

County: SAN JUAN

OIL CON. DIV.

	NAME RESERVOIR OR POOL	TYPE PROD	METHOD PROD	METER PROD
UPR COMP	GCU 83 GP 52900009	OIL	ART. LIFT	TBG
LWR COMP	GCU 83 DK 73773	GAS	FLOW	TBG

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour/Date Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilized
UPR COMP	10/16/91 8:00 AM	72 Hours	180	yes
LWR COMP	10/16/91 8:00 AM	72 Hours	75	yes

FLOW TEST DATE NO.1

Commenced at (hour,date)*

TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		Prod Temp.	Zone Producing (Upr/Lwr) REMARKS
		Upper	Lower		
10/16/91 8:00 AM	Day 1	75	75		Both Zones SI
10/17/91 8:00 AM	Day 2	200	75		Both Zones SI
10/18/91 8:00 AM	Day 3	245	75		Both Zones SI
10/19/91 11:00 AM	Day 4	180	75		flowed upper zone
10/20/91 11:00 AM	Day 5	150	75		"
10/21/91	Day 6	120	75		"

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	10-16-91 8:00 AM	72	245	NO
LWR COMP	10-16-91 8:00 AM	72	75	yes

(Continue on reverse side)

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

FLOW TEST NO. 2

Commenced at (hour, date) ***		Zone producing (Upper or Lower):			
TIME (date)	LAPSE TIME SINCE ***	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					
8:00 PM					
9:00 PM					
10:00 PM					
11:00 PM					
12:00 AM					

Production rate during test

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

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

Mark _____

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

DEC 30 1991 _____ 19_____
New Mexico Oil Conservation Division

Original Signed by CHARLES GHOLSON

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Operator: Amoco Production

By: H. Wallas

Title: Field Tech

Date: 12/30/91

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. Packer leakage test shall be commenced on a properly completed well within 72 hours prior to the commencement of any packer leakage test, the operator shall advise the Division in writing of the time the test is to be commenced. Offset operations shall also be so notified.
2. 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.
3. 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. 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.
4. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
5. 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 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 midway 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: 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 Aztec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 10-01-78 with all deadweight pressures indicating thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).