

STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

Location of Well: I172707 Page 1

OIL CONSERVATION DIVISION
NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator: AMOCO PRODUCTION COMPANY Lease/Well #: SJ 28-7 UNIT 173
Meter #: 87963 RTU: 0-000-00 County: RIO ARriba

	NAME RESERVOIR OR POOL	TYPE PROD	METHOD PROD	MEDIUM PROD
UPR COMP	SJ 28-7 UNIT 173	gas	thg. flow	
LWR COMP	SJ 28-7 UNIT 173	gas	thg. flow	

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour/Date Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilized
UPR COMP	06/10/91	72 Hours	143	yes
LWR COMP	06/10/91	72 Hours	10	—

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		
06/10/91	Day 1	131	11		Both Zones SI
06/11/91	Day 2	140	11		Both Zones SI
06/12/91	Day 3	142	10		Both Zones SI
06/13/91	Day 4	143	10		AFTER PRESSURE FLOW P.C. CHECKED RECOVERED TO 143 PSI
06/14/91	Day 5	145	10		NEUTRAL ZONE COND
06/15/91	Day 6	145	10		FLOW IN LINE

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				

(Continue on reverse side)

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AUG 30 1991

OIL CON. DIV.

DIST. 3

FLOW TEST NO. 2

Commencement of Flow, Date		PRESSURE		Zone producing (Upper or Lower)	
TIME (Start, Date)	ELAPSED TIME (Since 00)	Upper Completion	Lower Completion	PROD. ZONE TEMP.	REMARKS
		TESTING POINT	TESTING POINT		

Production rate during test

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

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

Remarks: _____

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

Approved **AUG 30 1991** _____ 19 _____
New Mexico Oil Conservation Division

By _____ Original Signed by CHARLES GHOLSON
Title **DEPUTY OIL & GAS INSPECTOR, DIST. #3**

Operator **AMOCO PRODUCTION CO.**
By *[Signature]*
Title **FIELD TEST CO-ORDINATOR**
Date *[Signature]* **6/25/91**

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiple completion well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such test shall also be commenced 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. Other 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 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 except

- that the previously produced zone shall remain shut-in while the zone which is by shut-in is produced.
7. Pressure for gas zone tests must be measured on each zone with a pressure gauge at time intervals as follows: 3 hours test: immediately prior to start of each flow-period, at fifteen-minute intervals during the first hour the hourly intervals thereafter, including one pressure measurement immediately conclusion of each flow period. 7-day test: immediately prior to the begin flow period, at least one time during each flow period (at approximately noon) and immediately prior to the conclusion of each flow period. Other p be taken as desired, or may be requested on wells which have previously : suitable test data.
- 24-hour oil zone test: all pressures, throughout the entire test, shall be : measured and recorded with recording pressure gauges the entirety of the checked at least once, once at the beginning and once at the end of each deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion ing gauge shall be required on the oil zone only, with deadweight pressure above being taken on the gas zone.
8. The results of the above-described test shall be filed in triplicate within completion of the test. Tests shall be filed with the Asset District Office of the Oil Conservation Division on Northwest New Mexico Packer Leakage Test 10-01-78 with all deadweight pressures indicated shown as well as temperatures (gas zone only) and gravity and GOR (oil zone only).