

This form is not to
be used for reporting
packer leakage tests
in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Caulkins Oil Company Lease Breech D Well No. 240 E
Location of Well: Unit F Sec. 15 Twp. 26 North Rge. 6 West County Rio Arriba

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tubg. or Gas)
Upper Completion	Mesa Verde	Gas	Flow	Tubing
Lower Completion	Dakota	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 7:30 AM 8-2-84	Length of time shut-in 168	SI press. psig 981	Stabilized? (Yes or No) No
Lower Completion	Hour, date shut-in 7:30 AM 8-2-84	Length of time shut-in 168	SI press. psig 932	Stabilized? (Yes or No) No

FLOW TEST NO. 1

TIME (Hour, date)		PRESSURE		PROD. ZONE TEMP.	REMARKS
LAPPED TIME SHUT-IN		Upper Completion	Lower Completion		
7:45 AM 8-8-84	15 Min	985	139		MV Shut in - Dak Flow
8:00 AM	30 Min	987	142		Ditto
8:15 AM	45 Min	987	137		Ditto
8:30 AM	1 hr.	987	135		Ditto
9:30 AM	2 hrs	989	97		Ditto
10:30 AM	3 hrs	989	86		Ditto

Production rate during test

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

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

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 10:30 AM 8-8-84	Length of time shut-in 165	SI press. psig 1092	Stabilized? (Yes or No) No
Lower Completion	Hour, date shut-in 1:30 PM 8-8-84	Length of time shut-in 161	SI press. psig 972	Stabilized? (Yes or No) No

(Continue on reverse side)

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DIST. 3

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

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FLOW TEST NO. 2

Commenced at (hour, date) ** 8:00 AM 8-15-84		Zone producing (Upper or Lower):			
TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
8:15 AM 8-15-84	15 min	963	972		Dak Shut in - MV Flowing
8:30 AM	30 Min	887	972		Ditto
8:45 AM	45 Min	835	972		Ditto
9:00 AM	1 hour	782	972		Ditto
10:00 AM	2 hours	711	972		Ditto
11:00 AM	3 hours	663	972		Ditto

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 _____
New Mexico Oil Conservation Division

AUG 16 1984

Original Signed by CHARLES GHOLSON

By _____

Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Operator Caulkins Oil Company

By _____

Title Superintendent

Date 8-16-84

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well within 30 days of the initial completion of the well, and annually thereafter as prescribed by the state, and before the initial completion. Such tests shall also be commenced on all multiply completed wells within 30 days following re-completion and/or chemical or fracture treatments, and on all wells where substantial work has been done on a well during which the previously produced zone has been shut-in. Tests shall also be given at any time that completion is modified or as requested by the Division.

2. At least 14 days prior to the commencement of any packer leakage test, the operator shall file with the Division a written plan of the manner the test is to be conducted. Officer approval shall not be required.

3. The test shall be conducted on wells when both zones of the dual completion are shut-in, or on single completion wells, when the well is shut-in. The well shall be shut-in for at least 24 hours, provided however, that they were not shut-in for more than 30 days.

4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal production rate for the well, and the other zone shall be shut-in. For Flow Test No. 2, the well shall be shut-in for 24 hours prior to the commencement of the test. The test shall be conducted on the well for a period of 3 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 flow is indicated during Flow Test No. 1. Flow Test No. 2 shall be conducted on the well for a period of 3 hours.

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 shall be measured on each zone with a dependable pressure gauge at five minute intervals. For oil zone tests, immediately prior to the beginning of each flow period, at fifteen-minute intervals during the first hour, and at hourly intervals thereafter, including one pressure measurement for each zone prior to the conclusion of each flow period. Temperature measurements shall be taken at the beginning of each flow period, at least one time during each flow period, at appropriate intervals, and at the conclusion of each flow period. Other pressure measurements shall be taken as requested on wells which have previously shown questionable test data.

8. 24-hour oil zone tests shall be conducted, throughout the entire test, shall be recorded and measured and recorded with recording and shut-in gauges for the oil zone. The gauges shall be checked at the beginning and end of the test, and at the end of each flow period. If a well is a gas-oil or an oil-oil well, a single recording and shut-in gauge shall be required on the oil zone only, with an additional pressure measurement being taken on the gas zone.

9. The results of the above-described tests shall be filed in reports are within 15 days of the completion of the test. Reports shall be filed with the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Report Form (NOM-12) with all data and pressure, temperature, and GOR (oil zone only) and GOR (oil zone only).