

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Caulkins Oil Company Lease Sanchez Well No. 4
Location of Well: Unit D Sec. 25 Twp. 26 North Rge. 6 West County Rio ArribaName of Reservoir or Pool Type of Prod. Method of Prod. Prod. Medium
(Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)

Upper Completion	<u>Chacra</u>	<u>Gas</u>	<u>Flow</u>	<u>Tubing</u>
Lower Completion	<u>Dakota</u>	<u>Gas</u>	<u>Flow</u>	<u>Tubing</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (hour, date)* <u>8:45 AM 4-27-84</u>		Zone producing (Upper or Lower):			
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>4-28-84</u>	<u>24 Hours</u>	<u>370</u>	<u>698</u>		<u>Both Zones Shut-in</u>
<u>4-29-84</u>	<u>48 Hours</u>	<u>372</u>	<u>702</u>		<u>Both Zones Shut-in</u>
<u>4-30-84</u>	<u>72 Hours</u>	<u>386</u>	<u>727</u>		<u>Both Zones Shut-in</u>
<u>4-31-84</u>	<u>96 Hours</u>	<u>392</u>	<u>128</u>		<u>Chacra Shut-in Dakota Flowing</u>
<u>5-1-84</u>	<u>120 Hours</u>	<u>391</u>	<u>122</u>		<u>Chacra Shut-in Dakota Flowing</u>

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

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 Compl.	Lower Compl.		

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OIL CON. DIV.
DIST. 3

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ 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: MAY 07 1984 19
Oil Conservation Division
Original Signed by CHARLES GHOLSONOperator Caulkins Oil Company
By Charles Gholson
Title SuperintendentTitle DEPUTY OIL & GAS INSPECTOR, DIST. #3Date 5-2-84

UNIFORM NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. The packer leakage test shall be completed on each flowing completion. The packer shall be set at least before completion of the well, and annually thereafter as long as the well is flowing. The packer shall be set at least before completion of the well, and annually thereafter as long as the well is flowing. The packer shall be set at least before completion of the well, and annually thereafter as long as the well is flowing.

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7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3-hour 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 completion of each flow-period. 24-hour 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 completion 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 State District Office of the Oil Conservation Division in Northwest New Mexico Packer Leakage Test Form Revised 10-1-73, with all deadweight pressures indicated thereon as well as the flowing temperatures, gas zones only, and gravity and API oil zones only. A pressure versus time curve for each zone of each test shall be constructed on the reverse side of the Packer Leakage Test Form with all deadweight pressure points taken indicated thereon. For oil zones, the pressure curve should also indicate all key pressure changes which may be reflected by the recording gauge charts. These key pressure changes should also be indicated on the front of the Packer Leakage Test Form.

