

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

Well
No. 1 (MD)

Operator CONSOLIDATED OIL & GAS INC Lease Freeman No. 1 (MD)

Location
of Well: Unit H Sec. 11 Twp. 31 Rge. 13 County San Juan

Name of Reservoir or Pool	(Oil or Gas)	(Flow or Art. Lift)	(Tbg. or Csg.)
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Upper Completion	Mesa Verde	Gas	TA	TA
Lower Completion	Dakota	Gas	Flow	Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper	Hour, date		Length of		SI press.		Stabilized?
Compl	Shut-in	TA	time shut-in	TA	psig	0	(Yes or No) Yes
Lower	Hour, date		Length of		SI press.		Stabilized?
Compl	Shut-in	2-21-82	time shut-in	3-Days	psig	600	(Yes or No) No

FLOW TEST NO. 1

Commenced at (hour, date)*	2-24-82	Zone producing (<u>Upper</u> or Lower): Lower
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Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
2-22-82	1-Day	0	560		Both Zones Shut In
2-23-82	2-Days	0	580		Both Zones Shut In
2-24-82	3-Days	0	600		Both Zones Shut In
2-25-82	1-Day	0	290		Lower Zone Flowing
2-26-82	2-Days	0	279		Lower Zone Flowing

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: _____ 47 _____ 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):
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[illegible]

Production rate during test

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

REMARKS:

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

proved: 1982 19
il Conservation Division

Original Signed by CHARLES SHOLKON

Operator CONSOLIDATED OIL & GAS INC

By _____

Title Production Superintendent

Date _____

NORTHROP NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. The packer leakage test shall be commenced on each multiply completed well within seven days after annual completion of the well, and annually thereafter, as required, until the well is abandoned. The multiple completion test shall be commenced on all multiple completions within 30 days of the date of completion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the completion been disturbed. Tests shall also be taken at any time that completion is suspected or when requested by the Division.

1. If an "I" is in the 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.

11. The initial leakdown test shall commence when both zones of the dual
cylinder have shut-in for pressure stabilization. Both zones shall re-
lease and seal again, the well-head pressure in each has stabilized, provided
leakdown test the dual not remain shut-in more than seven days.

1. For flow test 1, one zone of the dual completion shall be produced at the initial 15 min. production while the other zone remains shut-in. The shut-in zone shall be kept shut for seven days in the case of a gas well and 28 days in the case of an oil well. Note: If, on an initial packer placement, the other well is being flowed to the atmosphere due to the lack of a packer cementation the flow period shall be three hours.

Following completion of Flow Test No. 1, the well shall again be shut-in in accordance with paragraph 3 above.

Flow Test No. 1 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 open and the zone which was previously shut-in is produced.

7. Pressure for non-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: (a) before immediately prior to the beginning of each flow period, at 15-minute intervals during the first flow period, and at 15-minute intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. (b) any tests involving multiple starts at the beginning of each flow period, at least one time measurement per flow period (at approximately the midway point), and immediately prior to the conclusion of each flow period. (c) other pressures may be taken at a well, or may be requested on wells which have previously shown an adequate 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 dead-end pressure gauge. If a well is a gas-oil or an oil-gas well, the recording gauge shall be required on the oil zone only, with a dead-end pressure as required above being taken on the gas zone.

4. 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 Civil Conservation Service at Northwest New Mexico Packer Leakage Test Form Revised 1-1-58, with all deadweight pressures indicated thereon at all of the following test pressure test zones only) and gravity and GOR (oil zone only) pressure curves for each zone for each zone of each test shall be constructed on the reverse side of the Packer Leakage Test Form with all deadweight pressures and pressure data indicated thereon. For oil zones the pressure curve should also indicate all key pressure changes which may be reflected on the pressure curve charts. These key pressure changes should also be indicated on the front of the Packer Leakage Test Form.