

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Well No. 10 (PD)

Operator Consolidated Oil & Gas Inc. Lease Tribal "C" County RA

Location of Well: Unit J Sec. 7 Twp. 26 Rge. 3 Name of Reservoir or Pool Pictured Cliffs Type of Prod. Gas Method of Prod. Flow Prod. Medium Tbg. or Csg. Tbg

Upper Completion	Pictured Cliffs	Gas	Flow	Tbg
Lower Completion	Dakota	Gas	Flow	Tbg

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in 9-13-70	Length of time shut-in 3 Days	SI press. psig 443	Stabilized? (YES/NO) No
Lower Compl	Hour, date Shut-in 9-13-70	Length of time shut-in 3 Days	SI press. psig 529	Stabilized? (YES/NO) No

FLOW TEST NO. 1

Commenced at (hour, date)* 9-16-70			Zone producing (Upper or Lower):		
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
9-14-70	1 Day	407	504		
9-15-70	2 Days	428	521		
9-16-70	3 Days	443	529		
9-17-70	1 Day	453	424		Lower Zone Flow
9-18-70	2 Days	462	405		

Production rate during test Oil: BOPD based on Bbls. in Hrs. Grav. GOR Gas: 20 MCFPD; Tested thru (Orifice or Meter): 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)

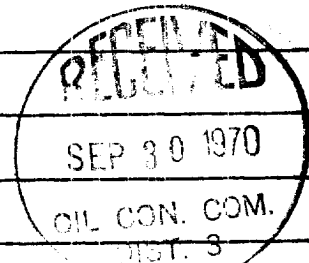
FLOW TEST NO. 2

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. COM.



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: 9-30-1970 New Mexico Oil Conservation Commission By: [Signature] Title: PETROLEUM ENGINEER DIST. NO. 3 Operator: Consolidated Oil & Gas Inc. By: [Signature] Title: Production Superintendent Date: September 27, 1970

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests 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 Commission.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset 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 was previously shut-in is produced.

7. Pressures for gas-zone tests shall be taken 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 of each flow period, and at 3-hour intervals thereafter, including one pressure reading at the end of each flow period. 24-hour tests shall be taken immediately prior to the beginning of each flow period, at least once 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 a history of packer leakage test data.

24-hour oil zone tests shall have pressures on each zone of the test shall be continuously measured and recorded on a deadweight pressure gauge, the accuracy of which must be certified by the Commission at the beginning and once at the end of each test. The 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, and the deadweight pressure gauge 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. The results shall be filed with the District Office of the New Mexico State Oil and Gas Commission at the Northwest New Mexico Packer Leakage Office, Revised 11-1-68. Each test shall have deadweight pressures indicated thereon, as well as the flowing temperatures (gas zones only) and gravity and test well identification. The test results shall be filed in triplicate, one copy to be filed with the Commission, one copy to be filed with the District Office, and one copy to be filed with the operator. The time curve for each zone of each test shall be considered on the reverse side of the Packer Leakage Test Report. The test results shall be points taken indicated thereon. For oil zones, the test results shall be points taken indicate and key pressure changes which may be indicated by the recording gauge charts. These key pressure changes should also be indicated on the front of the Packer Leakage Test Report.

Δ DAKOTA PRESSURES
○ PICTURED CLIFFS PRESSURES

