

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

NEW MEXICO OIL CONSERVATION COMMISSION

Revised 11-1-58

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Well

No. 1

Operator Petroleum Consultants, Inc. Lease Mesa

Location of Well: Unit D Sec. 25 Twp. 24N Rge. 7W County pio Arriba

Name of Reservoir or Pool Type of Prod. Method of Prod. Prod. Medium
(Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)

Upper Completion	Gallup	Gas	Flow	Tbg.
Lower Completion	Dakota	Gas	Flow	Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	11:00 A.M. 11/15/76	Length of time shut-in	72 hrs.	SI press. psig	281	Stabilized? (Yes or No)	No
Lower Compl	Hour, date Shut-in	11/29/70	Length of time shut-in	Six Years	SI press. psig	-0-	Stabilized? (Yes or No)	Yes

FLOW TEST NO. 1

Commenced at (hour, date)*				Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
11/15/76		143	-0-		Flow pressure before SI
11/16/76	24	231	-0-		SI
11/17/76	48	275	-0-		SI
11/18/76	72	287	-0-		Dakota dead
11/19/76	96	289	-0-		
11/20/76	120	289	-0-		

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.		

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: 19
New Mexico Oil Conservation Commission

By
Title

Operator Petroleum Consultants, Inc.
By George J. Mayhew
Title President
Date November 30, 1976

Pressure measurements are being obtained for the first time during a well test. During the first two periods, 1 and 2, only flowing pressure is taken, including the pressure measurement immediately prior to the shut-in at the end of the period. Today 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 conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

2. 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 measured above being taken on the gas zone.

4. The results of the above-described tests shall be filed in triplicate in the appropriate section of the test. Tests shall be filed with the Airline Safety Office of the New Mexico Civil Aviation Commission or the Bureau of New Mexico Tanker Leakage Test Form Revised 1965, with all testgraph pressures indicated thereon as well as the flowing temperatures and pressures (oil, air activity and GMR (oil & gas only)). A pressure versus time curve for each zone of each test shall be constructed on the reverse side of the Tanker Leakage Test form with all deadweight pressure points indicated thereon. For oil zones, the pressure curve should also indicate all key pressure changes which may be reflected by the recording pump charts. These key pressure changes should also be tabulated on the back of the Tanker Leakage Test form.

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