

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator PAN AMERICAN PETROLEUM CORPORATION Lease Jicarilla Contract 102 Well No. 12
Location of Well: Unit G Sec. 9 Twp. 26N Rge. 4W County Rio Arriba
Type of Prod. Method of Prod. Prod. Medium
(Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)

Upper Completion	<u>B.S. Mesa Gallup</u>	<u>Gas</u>	<u>Flow</u>	
Lower Completion	<u>Basin Dakota</u>	<u>Gas</u>	<u>Flow</u>	<u>Tbg.</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in <u>9-13-70</u>	Length of time shut-in <u>5 Days</u>	SI press. psig <u>1303</u>	Stabilized? (Yes or No) <u>Yes</u>
Lower Compl	Hour, date Shut-in <u>9-13-70</u>	Length of time shut-in <u>3 Days</u>	SI press. psig <u>849</u>	Stabilized? (Yes or No) <u>Yes</u>

FLOW TEST NO. 1

Commenced at (hour, date)* <u>9-16-70</u>		Zone producing (Upper or Lower): <u>Lower</u>			
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>9-16-70</u>	<u>0 Days</u>	<u>1297</u>	<u>849</u>		<u>Both Zones Shut In</u>
<u>9-17-70</u>	<u>1 Day</u>	<u>1302</u>	<u>479</u>		<u>Lower Flow - Upper Shut In</u>
<u>9-18-70</u>	<u>2 Days</u>	<u>1303</u>	<u>457</u>		<u>" "</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.		



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: 10-22-1970
New Mexico Oil Conservation Commission

By [Signature]
Title PETROLEUM ENGINEER DIST. NO. 3

Operator PAN AMERICAN PETROLEUM CORPORATION
By ORIGINAL SIGNED BY
D. A. WAYHAN
Title Area Engineer
Date October 21, 1970

- [illegible]

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 will be required on the oil zone only, with deadweight pressures as required, being taken on the gas zone.

6. The results of the above-described tests shall be filed in triplicate in the following manner: (a) The test results shall be filed in the form of a report in the file of the National Construction Commission on Department of Service Water Leakage Test Form Revised 1-1-88 with all the required measures indicated thereon as well as the flowing temperatures and pressures indicated in the DHF test zone only; (b) pressure versus time curves for each zone of each test shall be tabulated on the reverse side of the Service Water Leakage Test Form with all deadweight pressure points indicated thereon; (c) on all zones, the pressure curve should also indicate a leak pressure if the change may be reflected by the recording gauge chart. These key pressure changes should also be tabulated on the form of the Service Water Leakage Test Form.

Boyle Zones
 Shut In
 1 Day
 Parker Leak-Off Test - (973)
 Juvonille C. 102-12

