

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Aztec Oil & Gas Company			Lease Dauron			Well No. 284D		
Location of Well	Unit A	Sec 10	Twp 213		Rge 37E		County Lea	
Name of Reservoir or Pool			Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift		Prod. Medium (Tbg or Csg)		Choke Size
Upper Compl	Blinbry		Gas	Flow		Casing		Open
Lower Compl	Drinkard		Oil	Temp. Abandoned		Tubing		ShutIn

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 A.M., April 25, 1961

Well opened at (hour, date): 8:00 A.M., April 26, 1961

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>1364</u>	<u>30#</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>Yes</u>
Maximum pressure during test.....	<u>1372</u>	<u>75#</u>
Minimum pressure during test.....	<u>1364</u>	<u>-0-</u>
Pressure at conclusion of test.....	<u>1372</u>	<u>-0-</u>
Pressure change during test (Maximum minus Minimum).....	<u>8#</u>	<u>75#</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>
Well closed at (hour, date): <u>10:00 A.M. April 26, 1961</u>	Total Time On Production <u>2 Hours</u>	
Oil Production	Gas Production	
During Test: <u>None</u> bbls; Grav. <u>-</u> ;	During Test <u>-</u> MCF; GOR <u>-</u>	
Remarks <u>The Drinkard zone is temporarily abandoned and was open for two hours and produced no oil. Gas blew down to -0- within ten minutes.</u>		

FLOW TEST NO. 2

Well opened at (hour, date): 8:00 A.M., April 27, 1961

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>1436</u>	<u>-0-</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>-0-</u>
Maximum pressure during test.....	<u>1436</u>	<u>-0-</u>
Minimum pressure during test.....	<u>601</u>	<u>-0-</u>
Pressure at conclusion of test.....	<u>601</u>	<u>-0-</u>
Pressure change during test (Maximum minus Minimum).....	<u>835</u>	<u>-0-</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>-0-</u>
Well closed at (hour, date): <u>8:00 A.M., April 28, 1961</u>	Total time on Production <u>24 hours</u>	
Oil Production	Gas Production	
During Test: <u>14.6</u> bbls; Grav. <u>47</u> ;	During Test <u>613.27</u> MCF; GOR <u>42,000 to 1</u>	
Remarks		

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

Approved 19 224
New Mexico Oil Conservation Commission

Operator Aztec Oil & Gas Company
By B.m. Pendue
Title Production Foreman
Date April 28, 1961

By [Signature]
Title

A packer, cement or seal shall be commenced on each multiply completed well within seven days after the completion of the well, and immediately thereafter as prescribed by the order authorizing the completion of the well. Such tests shall also be commenced on all multiple completions of the same days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the integrity of the tubing has been disturbed. Tests shall also be taken at intervals when communication is suspected or when requested by the Commission.

2. At least 72 hours prior to the commencement of any linked test, the operator shall notify the Commission in writing of the date, time and test 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 and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 48 hours.

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 until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

1. The first of these is the fact that the majority of the population of the United States is now living in urban areas. This is a result of the process of urbanization, which has been going on since the beginning of the 20th century. The population of the United States has increased from about 100 million in 1900 to over 200 million in 1960. At the same time, the population of rural areas has decreased from about 100 million in 1900 to about 50 million in 1960. This has led to a concentration of the population in urban areas, which has had a number of important consequences for the development of the United States.

9. If the East Bay 2 Sack is empty, please dump the sack into the East Bay 1 Sack. If the East Bay 1 Sack is empty, please dump the sack into the same bag for the entire sampling period. If the East Bay 1 Sack is empty, please dump the sack into the previously Sack-in Zone as indicated.

Based on the comparison with recording pressure gauges, the results of the which also be checked with a deadweight tester. As shown in Figure 1, the results of the comparison of the two methods are very close.

[illegible]