

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Amerada Petroleum Corporation			Lease State "Q"			Well No. 1	
Location of Well		Unit J	Sec 16	Twp 20	Rge 37	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	Grayburg		Oil	Pumping	Tbg.	2"	
Lower Compl	Tubb		Oil	Pumping	Tbg.	2"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:30 A.M. 2-12-62

Well opened at (hour, date): 10:30 A.M. 2-13-62

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>260</u>	<u>510</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>No</u>
Maximum pressure during test.....	<u>260</u>	<u>620</u>
Minimum pressure during test.....	<u>20</u>	<u>510</u>
Pressure at conclusion of test.....	<u>20</u>	<u>620</u>
Pressure change during test (Maximum minus Minimum).....	<u>240</u>	<u>110</u>
Was pressure change an increase or a decrease?.....	<u>D</u>	<u>I</u>

Well closed at (hour, date): 10:30 A.M. 2-14-62 Total Time On Production 24 hours

Oil Production During Test: 35.93 bbls; Grav. 32.7° Gas Production During Test: 80.38 MCF; GOR 2,230

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 10:30 A.M. 2-15-62

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>215</u>	<u>730</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>No</u>
Maximum pressure during test.....	<u>240</u>	<u>730</u>
Minimum pressure during test.....	<u>215</u>	<u>20</u>
Pressure at conclusion of test.....	<u>240</u>	<u>20</u>
Pressure change during test (Maximum minus Minimum).....	<u>25</u>	<u>710</u>
Was pressure change an increase or a decrease?.....	<u>I</u>	<u>D</u>

Well closed at (hour, date): 10:30 A.M. 2-16-62 Total time on Production 24 hours

Oil Production During Test: 90.81 bbls; Grav. 36.9° Gas Production During Test: 134.53 MCF; GOR 1,480

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

Operator Amerada Petroleum Corporation

By J. E. Snyder

Title District Engineer

Date February 20, 1962

By _____
Title _____

[illegible]

It was noted that the test was conducted even though no test was indicated during the last month. The procedure for Flow test No. 2 is to use the same amount of water as in test No. 1. It is noted that the previous 7 produced some small debris, whereas while the previously shut-in 7 no debris produced.

4. The water level, throughout the entire test, shall be continuously monitored by means of recording pressure gauges; the accuracy of which must be checked with a deadweight tester at least twice once at the beginning and once at the end of each flow test.

4 The results of the above-described tests shall be filed in triplicate
5 with the operator of the test. Tests shall be filed with
6 the appropriate District Office of the New Mexico Conservation Com-
7 mission, P.O. Box 100, Santa Fe, New Mexico. Packer Leakage Test Form Revised 1-1-68,
8 "Packer Leakage Test" shall be used. Pressure recording gauge charts with all the
9 readings recorded shall be taken and indicated thereon. In event of
10 a leaking packer, the operator may construct a pressure versus
11 time chart for each time of each test, indicating thereon all pressure
12 readings and gauge charts as well as all dead-
13 weight packer leakage charts were taken. If the pressure gauge is sub-
14 mitted to the District Office must be permanently filed in the operator's
15 office. Form 100-100-100 shall also accompany the Packer Leakage Test Form
16 when the test is completed with a gas oil, water test, or

... with a gas ...