

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Pan American Petroleum Corporation			Lease State "G" Tract 12			Well No. 7	
Location of Well	Unit D	Sec 16	Twp 21	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	Blinberry		Oil	Pump	Tbg	Open	
Lower Compl	Brinkard		Oil	Flow	Tbg	14/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 AM 3-30-64

Well opened at (hour, date): 9:30 AM 3-31-64

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	20	680
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	20	680
Minimum pressure during test.....	20	220
Pressure at conclusion of test.....	20	220
Pressure change during test (Maximum minus Minimum).....	0	460
Was pressure change an increase or a decrease?.....	----	Inc.
Well closed at (hour, date): <u>8:00 AM 4-1-64</u>	Total Time On Production <u>22-1/2 hours</u>	
Oil Production During Test: <u>17</u> bbls; Grav. <u>39.7°API</u>	Gas Production During Test: <u>186</u> MCF; GOR <u>10,941</u>	
Remarks <u>No leak indicated.</u>		

FLOW TEST NO. 2

Well opened at (hour, date): 8:00 AM 4-2-64

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	20	725
Stabilized? (Yes or No).....	Yes	No
Maximum pressure during test.....	40	745
Minimum pressure during test.....	20	725
Pressure at conclusion of test.....	40	745
Pressure change during test (Maximum minus Minimum).....	20	20
Was pressure change an increase or a decrease?.....	Inc.	Inc.
Well closed at (hour, date): <u>8:00 AM 4-3-64</u>	Total time on Production <u>24 hours</u>	
Oil Production During Test: <u>8</u> bbls; Grav. <u>40.8°API</u>	Gas Production During Test: <u>11</u> MCF; GOR <u>1400</u>	
Remarks <u>No leak indicated.</u>		

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 Pan American Petroleum Corporation
By _____
Original Signed By: J. W. MEEK

By _____
Title _____
Date April 8, 1964

Area Engineer

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

Such tests shall be commenced on each multiple 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 has been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.

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 will be commenced. Offset operators shall also be so notified.

2. The pressure regulation shall commence when both zones of the dual supply system are at pressure stabilization. Both zones shall remain shut off until the wellhead pressure in each has stabilized and for a minimum of two hour stabilization, provided however, that they need not remain shut off for more than 4 hours.

4. For each well, one zone of the dual completion shall be produced at the dual completion production while the other zone remains shut-in. Such test shall be continued until the flowing wellhead pressure has become stable and for a minimum of two hours thereafter, provided however, that the test need not continue for more than 24 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 previously shut-in zone is produced.

7. All pressures, throughout the entire test, shall be continuously measured and recorded with 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.

5 The results of the above-described tests shall be filed in triplicate
6 within 15 days after completion of the test. Tests shall be filed with
7 the appropriate District Office of the New Mexico Oil Conservation Com-
8 mission on Southeast New Mexico Packer Leakage Test Form Revised 11-1-58,
9 together with the original pressure recording gauge charts with all the
10 deadweight pressures which were taken indicated thereon. In lieu of
11 filing the aforesaid charts, the operator may construct a pressure versus
12 time curve for each zone of each test, indicating thereon all pressure
13 changes which may be reflected by the gauge charts as well as all dead-
14 weight pressure readings which were taken. If the pressure curve is sub-
15 mitted, the original chart must be permanently filed in the operator's
16 office. Form C-116 shall also accompany the Packer Leakage Test Form
17 when the test period coincides with a gas-oil ratio test period.