

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Amerada Petroleum Corporation			Lease State "N"			Well No. 1	
Location of Well	Unit J	Sec 16	Twp 20-S	Rge 37-E	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	Pump	Tubing	13 - 54" 8PM		
Lower Compl	Tubb	Oil	Pump	Tubing	13 - 54" 8PM		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): **9:00 AM, 8-26-63**

Well opened at (hour, date): 9:00 AM, 8-27-63	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	250	500
Stabilized? (Yes or No).....	Yes	No
Maximum pressure during test.....	250	550
Minimum pressure during test.....	20	500
Pressure at conclusion of test.....	20	550
Pressure change during test (Maximum minus Minimum).....	230	50
Was pressure change an increase or a decrease?.....	Decrease	Increase
Well closed at (hour, date): 9:00 AM, 8-28-63	Total Time On Production 24 Hrs.	
Oil Production During Test: 9.80 bbls; Grav. 32	Gas Production During Test 80.69 MCF; GOR 8230	

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 9:00 AM, 8-29-63	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	220	600
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	300	600
Minimum pressure during test.....	220	20
Pressure at conclusion of test.....	300	20
Pressure change during test (Maximum minus Minimum).....	80	580
Was pressure change an increase or a decrease?.....	Increase	Decrease
Well closed at (hour, date): 9:00 AM, 8-30-63	Total time on Production 2 1/2 Hrs	
Oil Production During Test: 46.77 bbls; Grav. 37.2	Gas Production During Test 89.16 MCF; GOR 1904	

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 Amerada Petroleum Corporation <i>McWhirter</i>
By <i>[Signature]</i> Title _____	Title Foreman Date 9-5-63

5-15-64 5:45 PM * MEXICO PACKER * KAGE TEST INSTRUCTIONS

A packer or chemical test shall be commenced on each multiply 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 a completed acid or chemical or fracture treatment and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.

2. 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 is 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 wellhead pressure in each has stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in until the test is completed.

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 has a minimum of two hours thereafter, provided however, that the flow test may not continue for more than 24 hours.

5. Following completion of Flow test NO. 1, the test shall again be started, in accordance with Paragraph 4 above.

6. Flow Test No. 2 shall be conducted even though no test is indicated during Flow Test No. 1. Procedure for Flow Test No. 2 shall 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 and at the beginning and once at the end of each flow test.

8. The results of the above-described tests shall be reported in writing within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on Southeast New Mexico Packer Leakage Test Form C-116, Form C-117, together with the original pressure recording gauge chart and the original deadweight pressures which were taken indicated thereon. The original filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating the nature and degree of changes which may be reflected by the gauge charts as well as the dead weight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form C-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

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