

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Pan American Petroleum Corporation			Lease Southland Royalty Company "A"			Well No. 3	
Location of Well	Unit Q	Sec 4	Twp 21-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	Blinebry		Gas	Flow	Gas	6 1/4/64	
Lower Compl	Drinkard		Oil	Flow	Tbg	20/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 A.M. on January 30, 1961

Well opened at (hour, date): <u>9:00 A.M. on January 31, 1961</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	1335	925
Stabilized? (Yes or No).....	Yes	No
Maximum pressure during test.....	690	925
Minimum pressure during test.....	625	735
Pressure at conclusion of test.....	600	705
Pressure change during test (Maximum minus Minimum).....	75 65	190 190
Was pressure change an increase or a decrease?.....	Increase	Decrease

Well closed at (hour, date): 9:00 A.M. February 1, 1961

Oil Production	Gas Production	Total Time On Production
695	63	24 Hrs.
During Test: <u>136.17</u> bbls; Grav. <u>54° API</u> ;		MCF; GOR 5103 460

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): <u>9:00 A.M. on February 2, 1961</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	1480	1010
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	1500	180
Minimum pressure during test.....	1435	110
Pressure at conclusion of test.....	1435	140
Pressure change during test (Maximum minus Minimum).....	65	70
Was pressure change an increase or a decrease?.....	Increase	Decrease

Well closed at (hour, date): 9:00 A.M. February 3, 1961

Oil Production	Gas Production	Total time on Production
107	7740	24 Hrs.
During Test: <u>13.80</u> bbls; Grav. <u>38° API</u> ;		MCF; GOR 7740

Remarks Believe Drinkard drawdown due to temperature condition as no communication indicated

under maximum differential condition with Blinebry shut-in and Drinkard flowing.

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

Approved _____ New Mexico Oil Conservation Commission	Operator <u>PAN AMERICAN PETROLEUM CORPORATION</u>
By _____ Title _____	Original Signed By: <u>J. W. MEEK</u> Title <u>Area Engineer</u>
	Date <u>February 7, 1961</u>

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6. For using of the results of Pilot Test No. 1, the well established and the
1- in accordance with Paragraph 3 above.

6. Flow Test No. 2 shall be conducted even though no failure is noted during the Test No. 1. Procedure for Flow Test No. 2 shall be the same as for flow Test No. 1 except that the previously provided zone shall remain shut-in while the previously shut-in zone is pressured.

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 during 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 conducted at the appropriate District Office of the New Mexico Department of Conservation in Southeast New Mexico Packer Leakage Test room and shall be run together with the original pressure recording gauge charts and with the deadweight pressure readings which were taken indicated thereon. In the case of filling the storesaid charts, the operator may construct a pressure-time curve for each zone of each test, indicating thereon any pressure changes which may be reflected by the gauge charts as well as the deadweight pressure readings which were taken. If the pressure gauge is submitted, the original chart must be permanently filed in the District office. A Log 4-16 must also accompany the Packer Leakage Test form when the test period coincides with a gas-oil ratio test period.

This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.