

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Learcy McBuffington			Well No. 7	
Location of Well	Unit M	Sec 13	Twp 25	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 Cog)	Choke Size	
Upper Compl	Justis Glorieta		Gas	Flow	Tbg.	-	
Lower Compl	Justis Tubb Drinkard		Oil	Pump	Tbg.	2" W.O.	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:15 A.M. 5-16-77

Well opened at (hour, date): <u>9:15 A.M. 5-17-77</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>780</u>	<u>155</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>780</u>	<u>150</u>
Minimum pressure during test.....	<u>38</u>	<u>150</u>
Pressure at conclusion of test.....	<u>38</u>	<u>150</u>
Pressure change during test (Maximum minus Minimum).....	<u>-742</u>	<u>-5</u>
Was pressure change an increase or a decrease?.....	<u>decrease</u>	<u>decrease</u>
Well closed at (hour, date): <u>9:15 A.M. 5-18-77</u>	Total Time On Production <u>24 hrs.</u>	
Oil Production During Test: <u>0</u> bbls; Grav. <u>-</u>	Gas Production During Test <u>414.0</u> MCF; GOR <u>-</u>	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): <u>9:15 A.M. 5-19-77</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>810</u>	<u>140</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>825</u>	<u>140</u>
Minimum pressure during test.....	<u>810</u>	<u>0</u>
Pressure at conclusion of test.....	<u>825</u>	<u>46</u>
Pressure change during test (Maximum minus Minimum).....	<u>+15</u>	<u>-94</u>
Was pressure change an increase or a decrease?.....	<u>increase</u>	<u>decrease</u>
Well closed at (hour, date): <u>9:15 A.M. 5-20-77</u>	Total time on Production <u>24 hrs.</u>	
Oil Production During Test: <u>1</u> bbls; Grav. <u>37.1</u>	Gas Production During Test <u>24.0</u> MCF; GOR <u>24,000</u>	
Remarks _____		

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

Approved JUN 20 1977 19 _____
New Mexico Oil Conservation Commission

Operator Gulf Oil Corporation
By Original signed by N. G. Hallmark

by _____ Title Well Tester
Date June 14, 1977

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6. Following completion of Flow Test No. 1, the well shall again be shut in, in accordance with Paragraph 3 above.
7. 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 be again shut in while the previously shut in zone is produced.
8. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gages at 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.
9. The results of the above-described tests shall be filed in triplicate 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 Backer Leakage Test Form Revised 11-1-58, together with the original pressure recording gas-oil charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating the complete pressure changes which may be reflected by the gauge charts as well as all deadweight 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 Backer Leakage Test form when the test period coincides with a gas-oil ratio test period.

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