

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTH-EAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation				Lease C. L. Hardy		Well No. 5	
Location of Well	Unit L	Sec 20	Twp 21	Rge 32 37	County Lea		
	Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art. Lift	Prod. Medium (Tbg. or Gas)		Choke Size
Upper Compl	Blinebry		Oil	Pump	Tbg.		2" W.O.
Lower Compl	Drinkard		Oil	Flow	Tbg.		22/64"

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:15 A.M. 1-26-76

Well opened at (hour, date):	<u>9:15 A.M. 1-27-76</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>	
Pressure at beginning of test.....		<u>47</u>	<u>542</u>
Stabilized? (Yes or No).....		<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....		<u>200</u>	<u>620</u>
Minimum pressure during test.....		<u>47</u>	<u>542</u>
Pressure at conclusion of test.....		<u>47</u>	<u>620</u>
Pressure change during test (Maximum minus Minimum).....		<u>+153</u>	<u>+78</u>
Was pressure change an increase or a decrease?.....		<u>increase</u>	<u>increase</u>
Well closed at (hour, date):	<u>9:15 A.M. 1-28-76</u>	Total Time On Production	<u>24 hrs.</u>
Oil Production		Gas Production	
During Test: <u>13</u> bbls; Grav. <u>37.5</u>		During Test <u>69.0</u>	MCF; GOR <u>5308</u>
Remarks _____			

FLOW TEST NO. 2

Well opened at (hour, date): 9:15 A.M. 1-29-76

	Upper Completion	Lower Completion	
Indicate by (X) the zone producing.....		<u>X</u>	
Pressure at beginning of test.....	<u>40</u>	<u>672</u>	
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>	
Maximum pressure during test.....	<u>40</u>	<u>672</u>	
Minimum pressure during test.....	<u>40</u>	<u>75</u>	
Pressure at conclusion of test.....	<u>40</u>	<u>250</u>	
Pressure change during test (Maximum minus Minimum).....	<u>no change</u>	<u>-597</u>	
Was pressure change an increase or a decrease?.....	<u>no change</u>	<u>decrease</u>	
Well closed at (hour, date):	<u>9:15 A.M. 1-30-76</u>	Total time on Production	<u>24 hrs.</u>
Oil Production		Gas Production	
During Test: <u>2</u> bbls; Grav. <u>36.6</u>		During Test <u>56.0</u>	MCF; GOR <u>28,000</u>
Remarks _____			

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

Approved _____	Operator <u>Gulf Oil Corporation</u>
New Mexico Oil Conservation Commission	By <u>Original signed by N. G. Hallmark</u>
	Title <u>Well Tester</u>
	Date <u>February 11, 1976</u>

HOW TO USE THE NEW MODIFIED PACOM FLAMMABILITY TEST INSTRUCTIONS

1. A packer leakage test shall be conducted on each wellbore completed well within one day after sealing completion of the well, and separately thereafter as requested by the land owner. In the multiple completion, such tests shall be performed on all multiple completions within seven days of the date of completion of the well, or at least annually, and whenever there has been a change of ownership of the well. The person or persons having title to the well shall give notice of any time that examination is requested 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 date 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 more than 24 hours.
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 for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.



