

NF MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Amerada Hess Corp.			Lease L.W. Ward			Well No. 2	
Location of Well	Unit I	Sec 11	Twp 13	Rge 38	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	Bronco Mississippian		Oil	Pumping	Tbg.	2"	
Lower Compl	Bronco Devonian		Oil	Flow	Tbg.	25/64"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 Am 6-21-71

Well opened at (hour, date): <u>9:00 AM 6-22-71</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>60</u>	<u>310</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>60</u>	<u>310</u>
Minimum pressure during test.....	<u>60</u>	<u>150</u>
Pressure at conclusion of test.....	<u>60</u>	<u>150</u>
Pressure change during test (Maximum minus Minimum).....	<u>None</u>	<u>160</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>Decrease</u>
Well closed at (hour, date): <u>9:00 AM 6-23-71</u>	Total Time On Production <u>24 Hours</u>	
Oil Production	Gas Production	
During Test: <u>337</u> bbls; Grav. <u>45</u> ;	During Test <u>40</u> MCF; GOR <u>119</u>	

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): <u>9:00 AM 6-24-71</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>60</u>	<u>310</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>60</u>	<u>310</u>
Minimum pressure during test.....	<u>15</u>	<u>310</u>
Pressure at conclusion of test.....	<u>15</u>	<u>310</u>
Pressure change during test (Maximum minus Minimum).....	<u>45</u>	<u>None</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>-</u>
Well closed at (hour, date): <u>9:00 AM 6-25-71</u>	Total time on Production <u>24 Hours</u>	
Oil Production	Gas Production	
During Test: <u>77</u> bbls; Grav. <u>42</u> ;	During Test <u>27.33</u> MCF; GOR <u>354</u>	

Remarks _____

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

Approved JUL 2 1971
New Mexico Oil Conservation Commission

Operator Amerada Hess Corp.
By [Signature]
Title Area Superintendent
Date 7-7-71

By [Signature]
Title SUPERVISOR DISTRICT 1

1. A packer leakage test shall be commenced on each multiple completion well within seven days after actual completion of the well. Thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completion wells within 30 days following recompletion and/or chemical stimulation, whenever remedial work has been done on a well during which the packer tubing have been disturbed. Tests shall also be taken at any time if 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 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 multiple completion are shut-in for pressure stabilization. Both zones shall be shut-in until the well-head pressure in each has stabilized and for a minimum of two hours thereafter, provided however that the test shall be shut-in more than 24 hours.

4. For Flow Test No. 1, one zone of the dual completion shall be at the normal rate of production while the other zone remains shut-in. The test shall be continued until the flowing well-head pressure has been stabilized and for a minimum of two hours thereafter, provided however that the flow test need not continue for more than 24 hours.

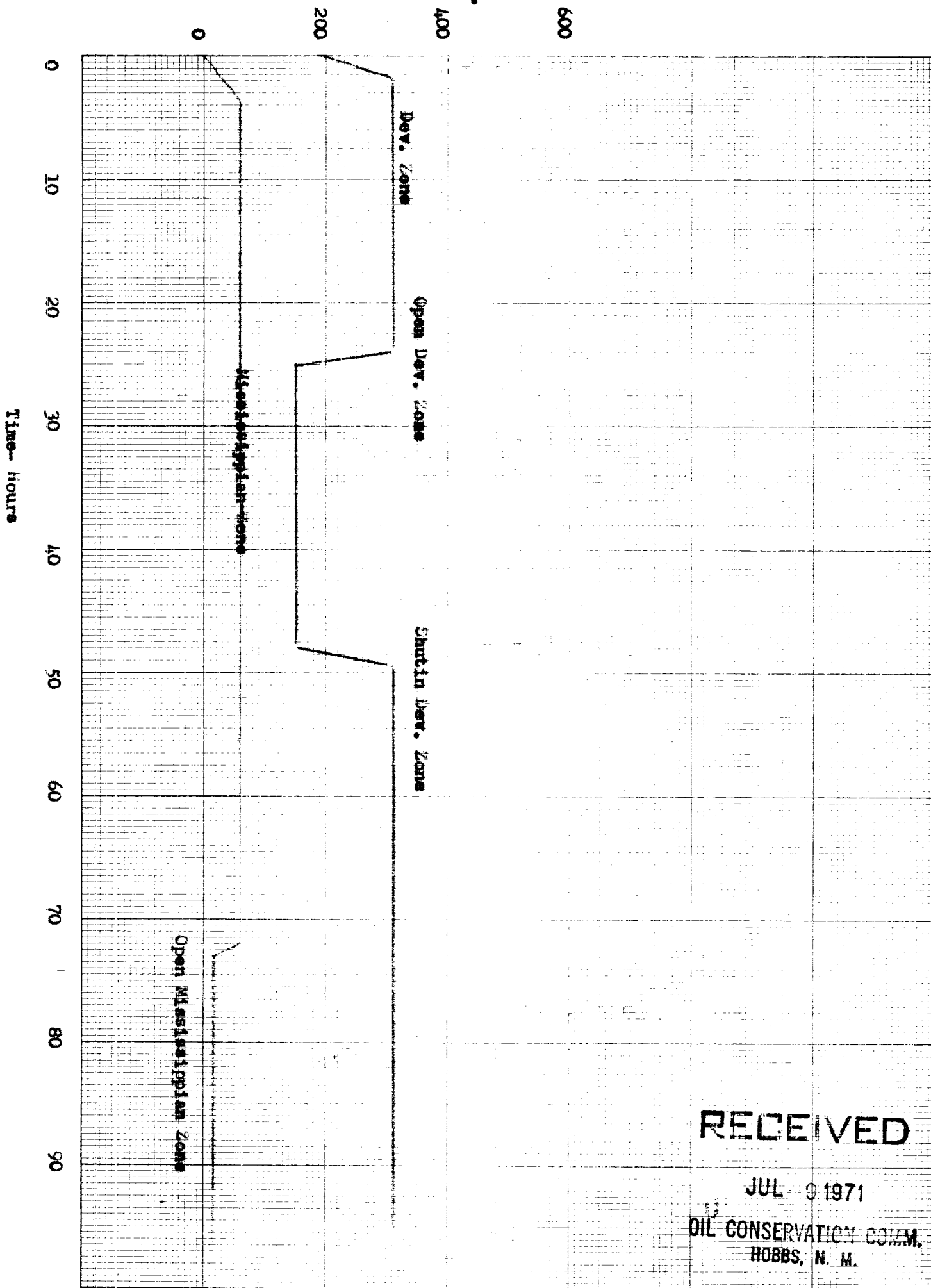
After the completion of Flow Test No. 1, the well shall again be shut-in for pressure stabilization as above.

5. If the results of the above-described tests shall be filed in triplicate with the Commission. If the results of the tests shall be filed with the Commission, the results of the tests shall be the same as the results of the tests, except that the previously produced zone shall re-produce the results of the tests.

6. The pressure, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which shall be checked with a deadweight tester at least twice, once at the beginning and once at the end of each test period.

7. The results of the above-described tests shall be filed in triplicate with the Commission. The results of the tests shall be filed with the Commission, the results of the tests shall be the same as the results of the tests, except that the previously produced zone shall re-produce the results of the tests. In lieu of the results of the tests, the operator may construct a pressure versus time graph for each zone of each test, indicating thereon all pressure changes which may be reflected by the gauge charts as well as all deadweight tester readings. If the pressure curve is submitted, the results of the tests shall be filed in the operator's files. The results of the tests shall be filed in the operator's files. The results of the tests shall be filed in the operator's files. The results of the tests shall be filed in the operator's files.

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JUL 9 1971

OIL CONSERVATION COMM.
HOBBS, N. M.