This form is not to be used for reporting packer leakage tests in Southeast New Mexico

NEW MEXICO OIL CONSERVATION DIVISION

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Revised June 10, 2003

Operator ___BP L48_____ Lease Name _Gallegos Canyon Unit__ Well No. __328___

Location Of Well: Unit Letter _N_ Sec _33_ Twp __29N__ Rge __12W__ API # 30-045-2473500___

	Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Flow or Art. Lift)	Prod. Medium (Tbg. Or Csg.)
Upper Completion	Fruitland Sand	Gas	Flow	Tbg
Lower Completion	Mesa Verde	Water Injection	Injection Pump	Tbg

Pre-Flow Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In 12:00 9-22-17	Length of Time Shut-In 72hrs	SI Press. Psig 120	Stabilized? (Yes or No) Yes
Lower Completion	Hour, Date, Shut-In 12:00 9-22-17	Length of Time Shut-In 72hrs	SI Press. Psig 540	Stabilized? (Yes or No) Yes

Injection Flow Test No. 1

Commenced at (hour, date)*9:00 9-26-17			Zone producing (Upper or Lower):Lower		
Time (Hour, Date)	Lapsed Time Since*	Pressure Upper Compl.	Pressure Lower Compl.	Prod. Zone Temp.	Remarks
9:00am 9-26-17	0	120psi	825psi		
10:00am 9-26-17	1hr	120psi	830psi		
11:00am 9-26-17	2hrs	120psi	840psi		
12:00pm 9-26-17	3hrs	120psi	860psi		
1:00pm 9-26-17	4hrs	120psi	880psi		
2:00pm 9-26-17	5hrs	120psi	885psi		Ended injection @ 2:30pm Upper @ 120psi Lower @ 887psi

Production rate during test

Water: ____647__ BblsPD based on __134.8__Bbls. In __5 1/2___ Hrs. _____ Grav. _____ GOR _____

Gas: _____Shut in_____ MCFPD; Test thru (Orifice or Meter): _____

Mid-Test Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In 3:00pm 9-26-17	Length of Time Shut-In 48hrs	SI Press. Psig 130	Stabilized? (Yes or No) Yes
Lower Completion	Hour, Date, Shut-In 3:00pm 9-26-17	Length of Time Shut-In 48hrs	SI Press. Psig 887	Stabilized? (Yes or No) Yes @ 580psi

(Continue on reverse side)

Description of Procedure follows

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Flow Test No. 2

Commenced at (hour, date)**10:00am 9-28-17				Zone producing (Upper or Lower):Upper	
Time (Hour, Date)	Lapsed Time Since**	Pressure Upper Compl.	Pressure Lower Compl.	Prod. Zone Temp.	Remarks
11:00am 9-28-17	1hr	105psi	580psi		Flow 200mcf d
11:00am 9-29-17	24hrs	22psi	560psi		Flow 150mcfd
11:00am 9-30-17	48hrs	21psi	560psi		Flow 127mcfd
11:00am 10-1-17	72hrs	20psi	560psi		Flow 119mcfd
11:00am 10-2-17	96hrs	20psi	560psi		Flow 115mcfd
11:00am 10-3-17	120hrs	20psi	560psi		Flow 109mcfd
11:00am 10-4-17	144hrs	20psi	560psi		Flow 120mcfd

Production rate during test

Water: ___Shut in____ BOPD based on _____Bbls. In _____ Hrs. _____ Grav. _____ GOR _____

Gas: __134_ MCFPD; Test thru (Orifice or Meter): ___Meter_____

Remarks: Test was ran thru temporary compressor due to the well not able to flow on its own to line pressure

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

Approved September 9 20 18

New Mexico Oil Conservation Division

By Monica Kuehling

Title Deputy Oil & Gas Inspector, District #3

Operator ____BP_____

By __Adam Smouse_____

Title _Well Intervention Team Lead_

E-mail Address ___adam.smouse@bp.com___

Date ___10/8/17__

Northwest New Mexico Packer Leakage Test Instructions

1. A packer leakage 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 recompletion and/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 Division.

2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division 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 well-head pressure in each has stabilized, provided however, that they need not remain shut-in more than seven days.

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 for seven days in case of a gas well and 24 hours in the case of an oil well. Note: if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall be three hours.

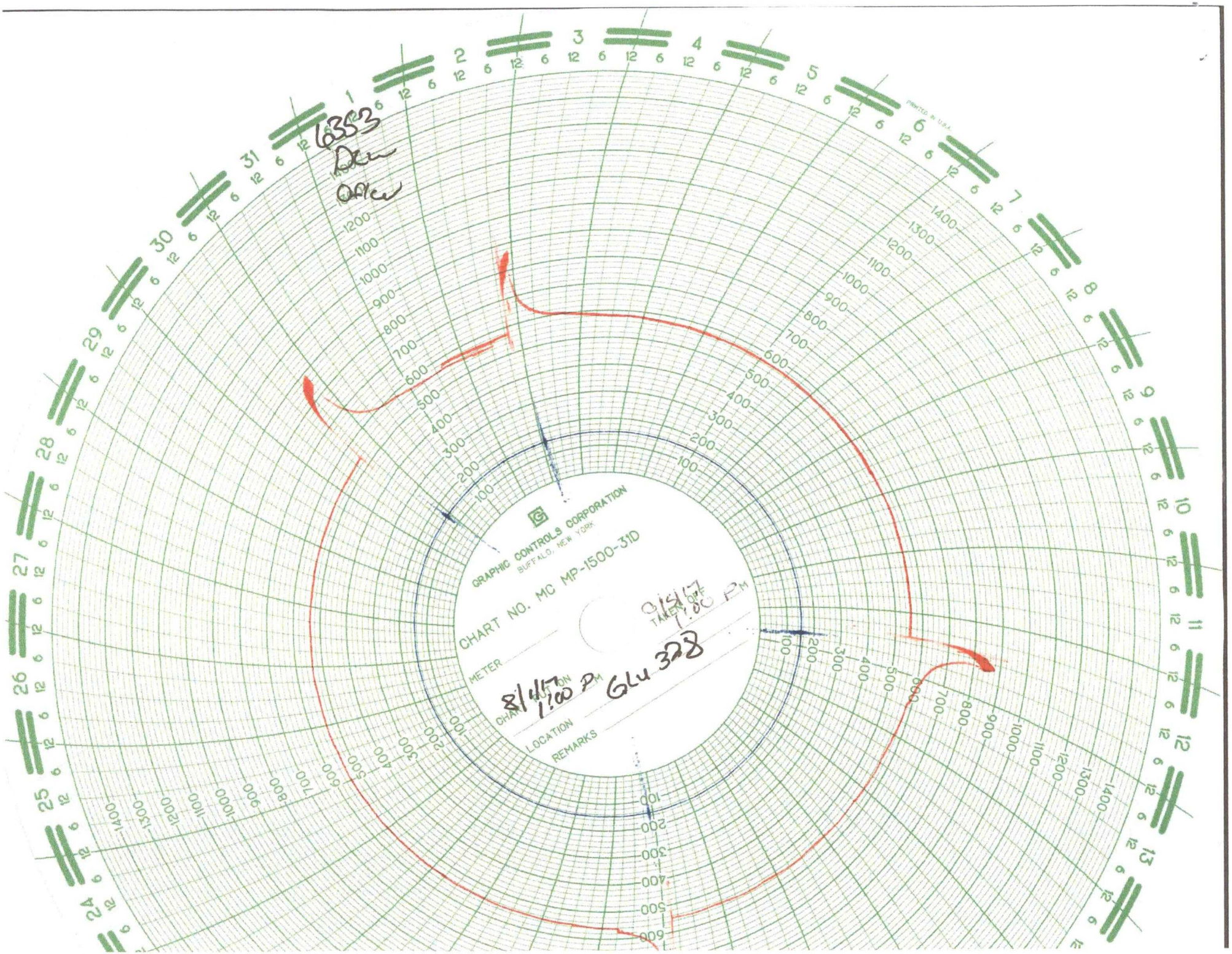
5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.

6. 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 remain shut-in while the zone which was previously shut-in is produced.

7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hour tests immediately prior to the beginning of each flow-period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

8. 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 Aztec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 11-16-98, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).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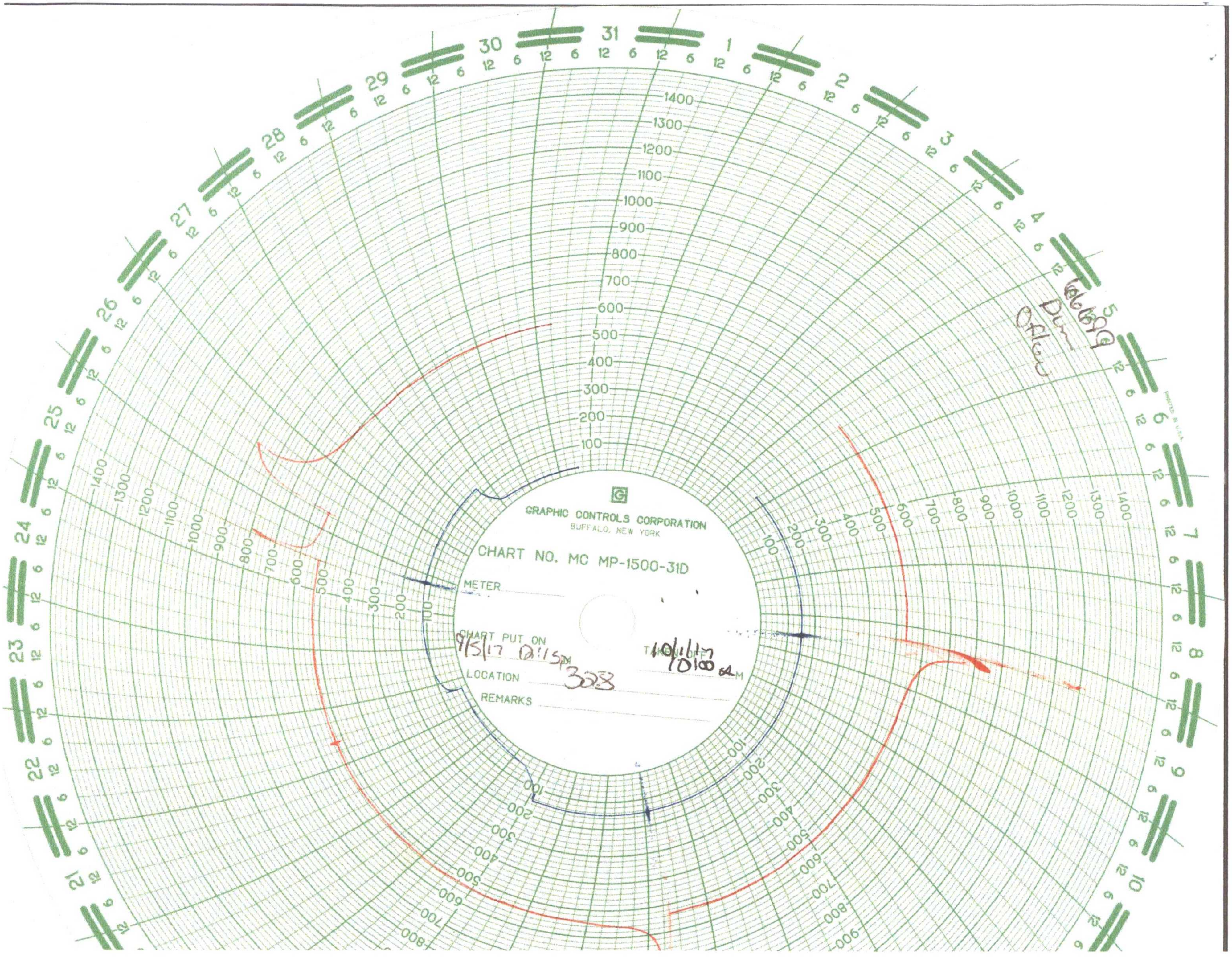
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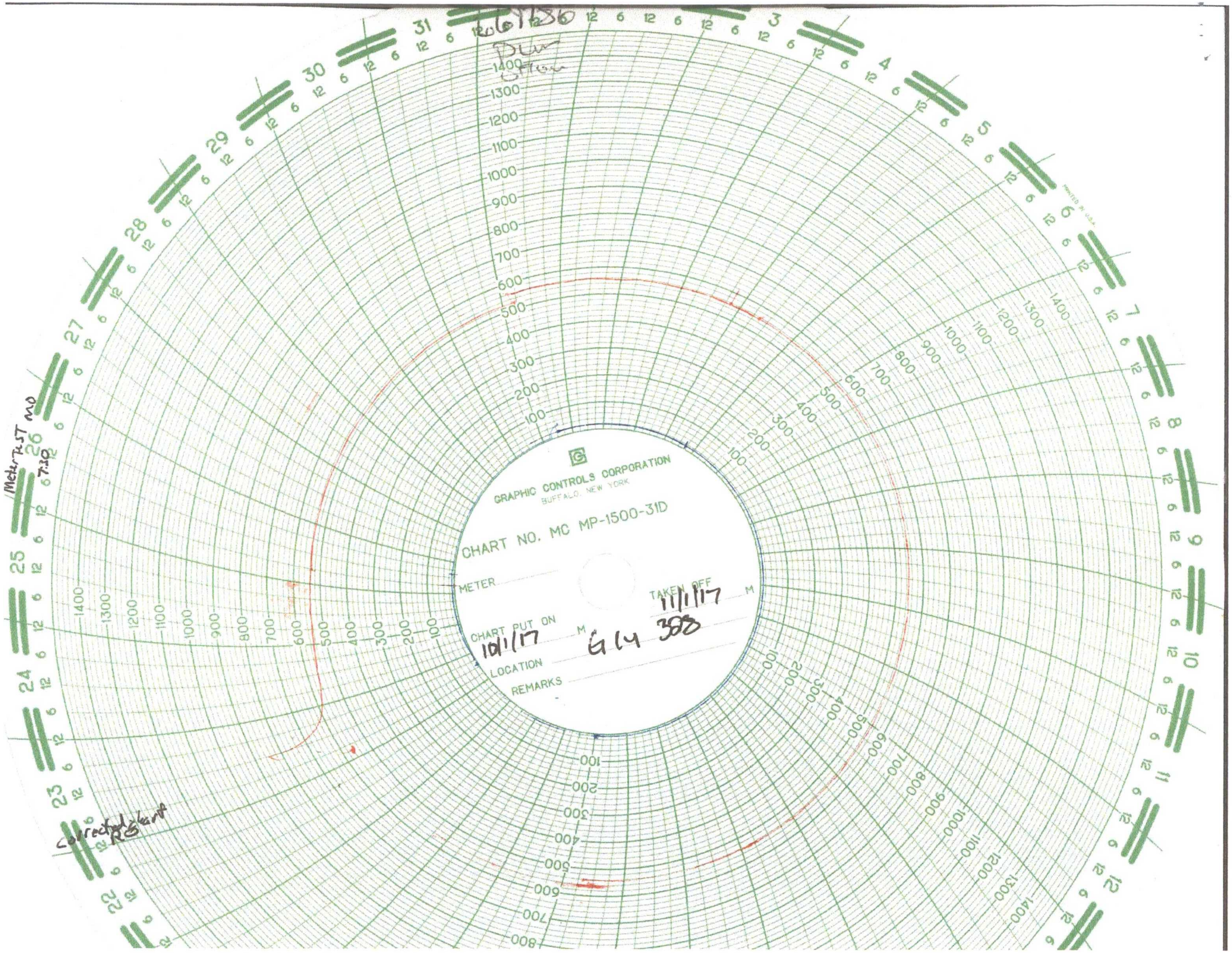

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