

NEW MEXICO OIL CONSERVATION DIVISION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Revised June 9, 2003

Operator Mewbourne Oil Company Lease Otis 14 Well No #1         
Location Of Well: Unit I Section 14 Township 22S Range 27E County Eddy, NM

|                  | Name of Reservoir or Pool | Type of Prod.<br>(Oil or Gas) | Method of Prod.<br>(Flow Art. Lift) | Prod. Medium<br>(Tbg. Or Cag.) | Choke Size |
|------------------|---------------------------|-------------------------------|-------------------------------------|--------------------------------|------------|
| Upper Completion | Wolfcamp                  | Gas                           | Flowing                             | Csg                            | 48/64      |
| Lower Completion | Atoka                     | Gas                           | Flowing                             | Tbg                            | 48/64      |

**FLOW TEST NO. 1 (Wolfcamp)**

Both zones shut-in at (hour, date): 11:00 am 06/06/05

|                                                          |                                             |                  |
|----------------------------------------------------------|---------------------------------------------|------------------|
| Well opened at (hour, date): <u>1:00 pm 06/09/05</u>     | Upper Completion                            | Lower Completion |
| Indicate by (X) the zone producing.....                  | <u>X</u>                                    |                  |
| Pressure at beginning of test.....                       | <u>1480</u>                                 |                  |
| Stabilized? (Yes or No).....                             | <u>Yes</u>                                  |                  |
| Maximum pressure during test.....                        | <u>1480</u>                                 |                  |
| Minimum pressure during test.....                        | <u>580</u>                                  |                  |
| Pressure at conclusion of test.....                      | <u>600</u>                                  |                  |
| Pressure change during test (Maximum minus Minimum)..... | <u>900</u>                                  |                  |
| Was pressure change an increase or a decrease?.....      | <u>Decrease</u>                             |                  |
| (chart #II)                                              | Total Time On Production                    |                  |
| Well closed at (hour, date): <u>10:30 am 06/10/05</u>    | <u>21 1/2</u> hours                         |                  |
| Oil Production                                           | Gas Production                              |                  |
| During Test: <u>0</u> bbls; Grav. <u>NA</u>              | During Test <u>91</u> MCF; GOR <u>91000</u> |                  |

Remarks: \_\_\_\_\_

**FLOW TEST NO. 2 (ATOKA)**

Both zones shut-in at (hour, date): 11:00 am 06/06/05

|                                                          |                                               |                  |
|----------------------------------------------------------|-----------------------------------------------|------------------|
| Well opened at (hour, date): <u>5:00 pm 06/08/05</u>     | Upper Completion                              | Lower Completion |
| Indicate by (X) the zone producing.....                  |                                               | <u>X</u>         |
| Pressure at beginning of test.....                       |                                               | <u>600</u>       |
| Stabilized? (Yes or No).....                             |                                               | <u>No</u>        |
| Maximum pressure during test.....                        |                                               | <u>2600</u>      |
| Minimum pressure during test.....                        |                                               | <u>600</u>       |
| Pressure at conclusion of test.....                      |                                               | <u>600</u>       |
| Pressure change during test (Maximum minus Minimum)..... |                                               | <u>2000</u>      |
| Was pressure change an increase or a decrease?.....      | <u>decrease</u>                               |                  |
| (charts # I and Ia)                                      | Total Time On Production                      |                  |
| Well closed at (hour, date): <u>5:00 pm</u>              | <u>24</u> hours                               |                  |
| Oil Production                                           | Gas Production                                |                  |
| During Test: <u>0</u> bbls; Grav. <u>NA</u>              | During Test <u>216</u> MCF; GOR <u>216000</u> |                  |

Remarks: \_\_\_\_\_

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

Approved 20  
New Mexico Oil Conservation Division

By Field Supervisor  
Title \_\_\_\_\_

Operator Mewbourne Oil Company

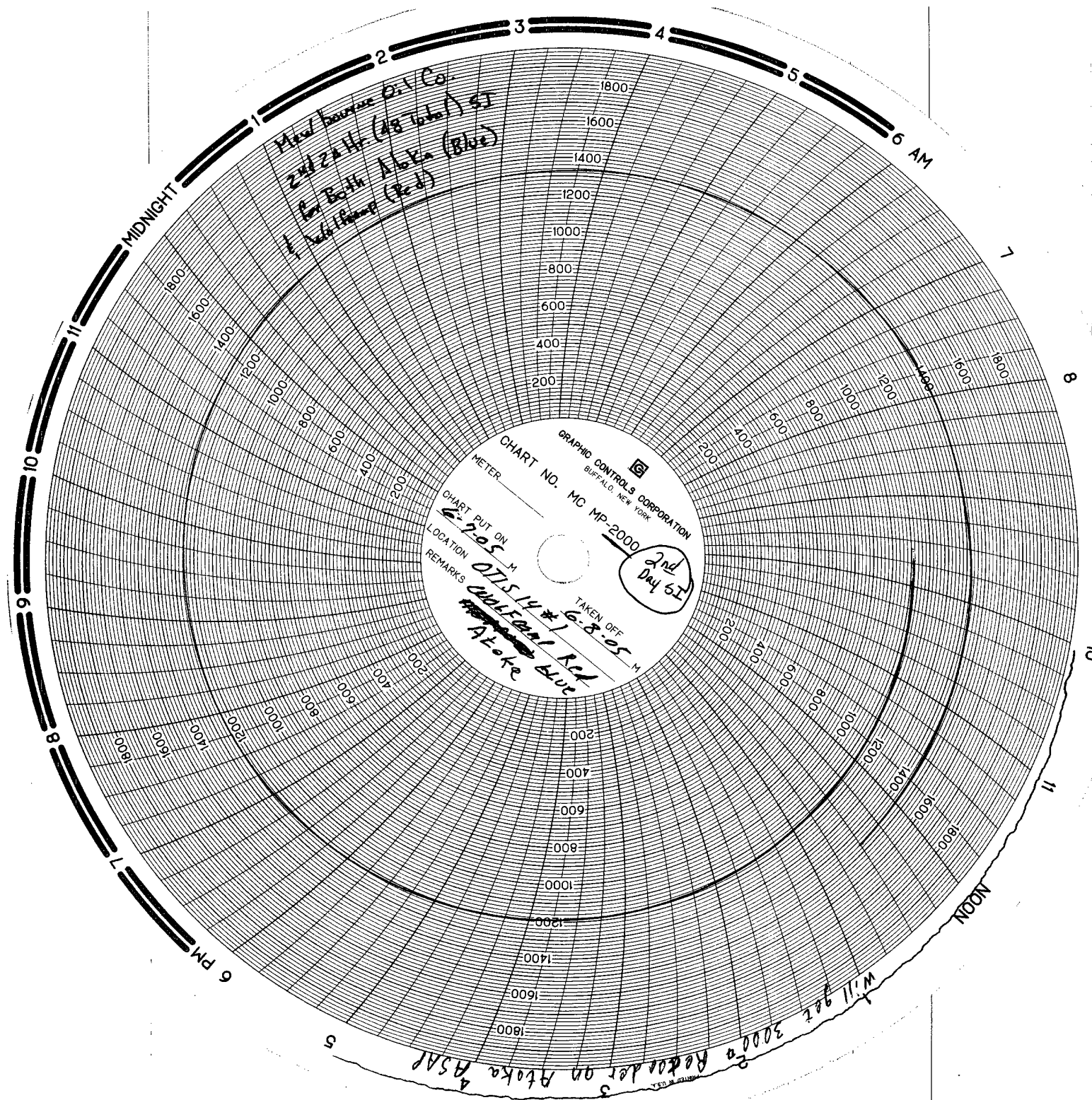
By Mickey Young

Title Hobbs District Manager

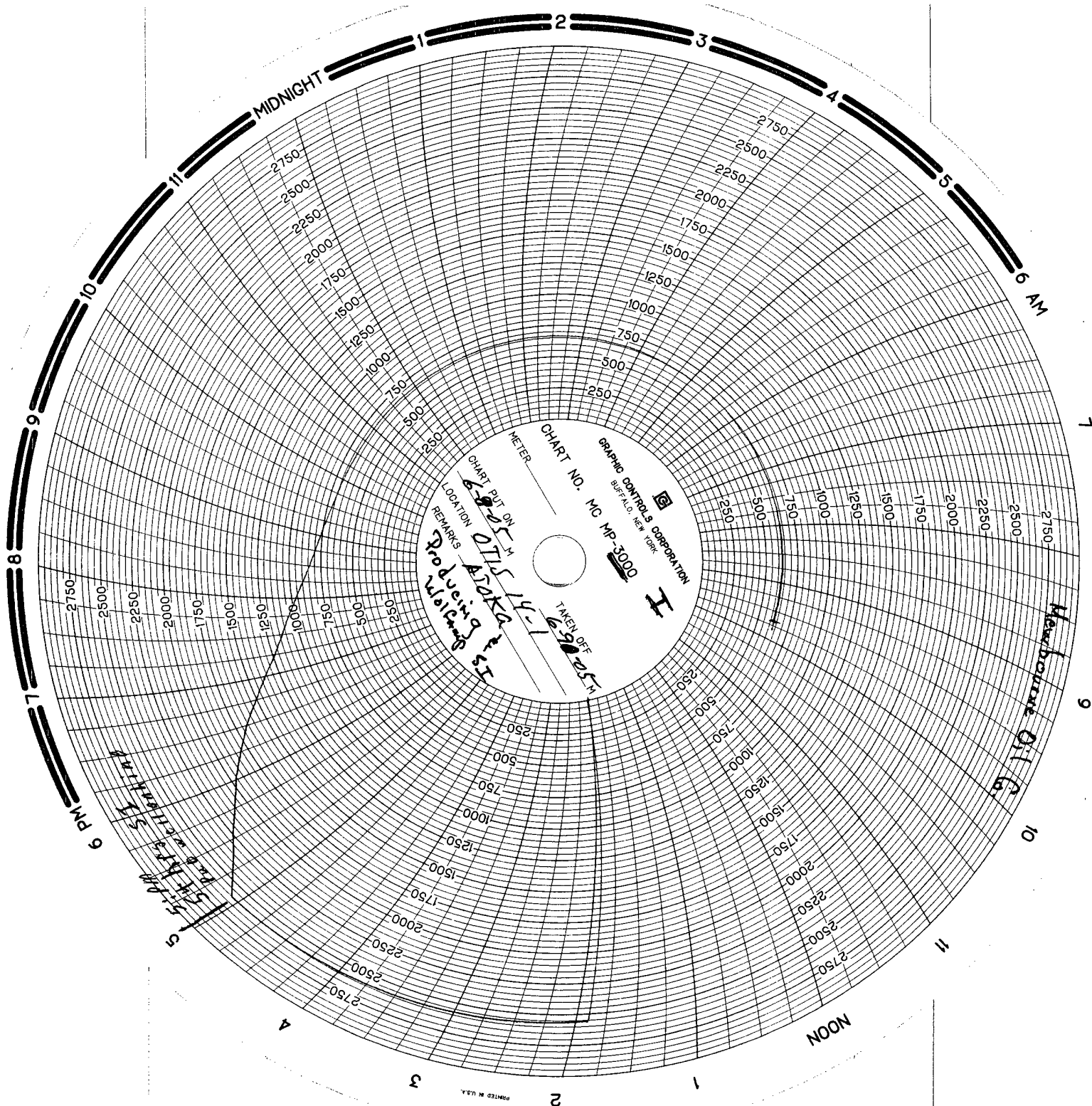
E-mail Address MYoung@mewbourne.com

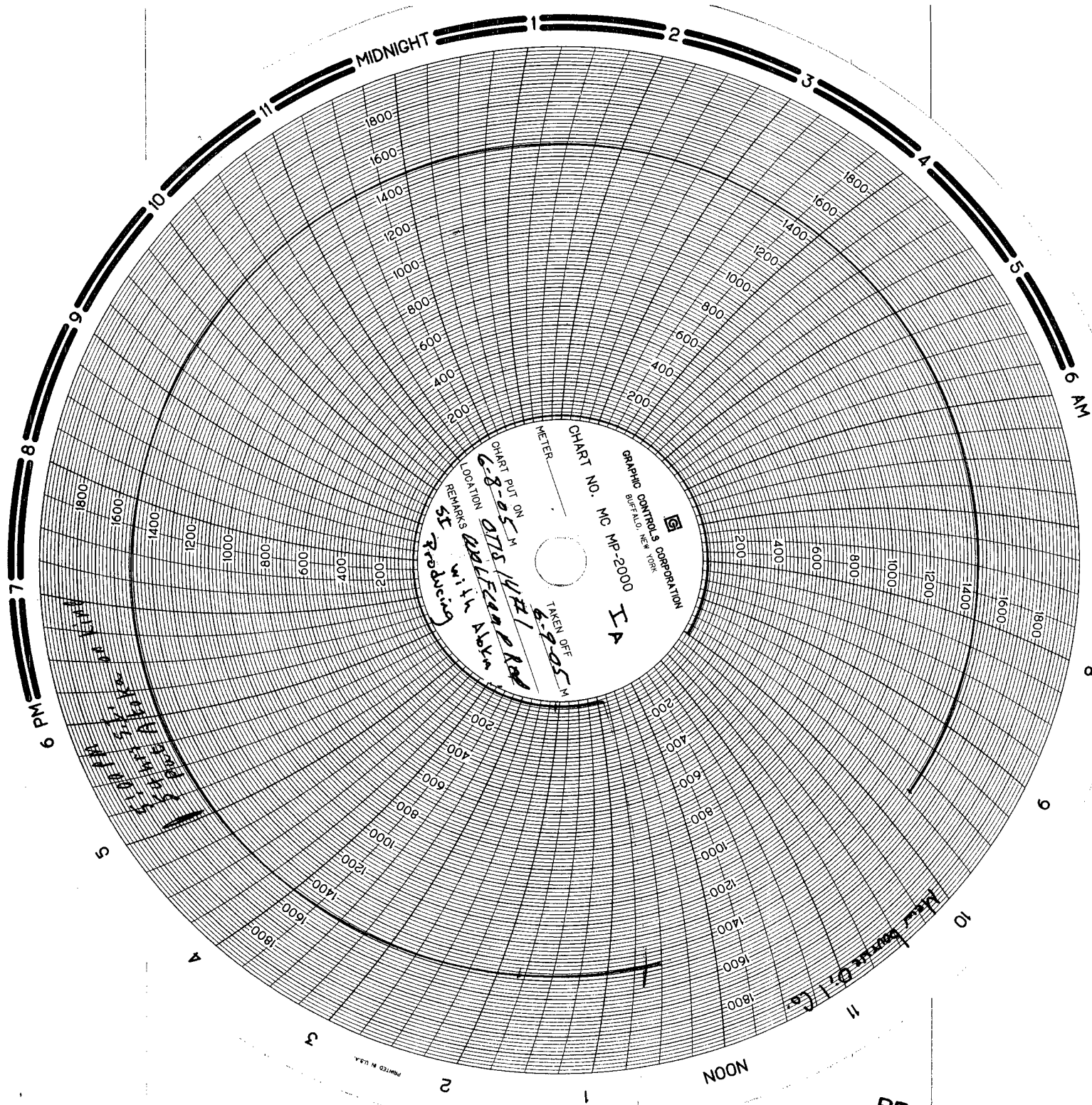
Date 06/13/05





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