DOYLE HARTMAN
Oil Operator
500 N. MAIN
P.O. BOX 10426
MIDLAND, TEXAS 79702
(915) 684-4011

RECEIVED
FEB 15 1985
OIL CONSERVATION DIVISION

February 11, 1985

Mr. William F. Carr
Campbell, Byrd & Black, P.A.
Post Office Box 2208
Santa Fe, New Mexico 87501

Re: Log-Off Tests
Gulf-Greer No. 1
Bates-BB&S No. 1
Lea County, New Mexico

Dear Bill:

As you requested in your letter of February 5, 1985, enclosed are copies of log-off tests run on the Gulf-Greer No. 1 and Bates-BB&S No. 1.

Let us know if we may furnish anything further.

Very truly yours,

DOYLE HARTMAN

Michelle Hembree

Michelle Hembree
Administrative Assistant

MH/dm

Enclosure

RECEIVED

FEB 15 1985

OIL CONSERVATION DIVISION

LOG OFF TEST DATA SHEET

Flow Test No. 1

Company DOYLE HARTMAN Lease and Well No. BATES BB "S" No. 1

Pool Name JALMAT (GAS) Section 29 Township 25S Range 37E

Min. Rate Requested by Co. 132 Mcf Date Test Started JULY 26, 1984

Date Test Ended JULY 26 Time Test Started 9:00 AM Time Test Ended 6:00 PM

Company Rep. HAROLD SWAIN

Division Rep. HOBBS OFFICE NOTIFIED

PRODUCTION DATA

OIL/CONSENSATE		WATER	
Tank No _____ Size _____		Tank No. FIBERGLASS Size 250 Bbl	
Closing Gauge _____	Bbls. _____	Closing Gauge _____	Bbls. _____
Opening Gauge _____	Bbls. _____	Opening Gauge _____	Bbls. _____
Total Produced _____	~~Bbls.~~ _____	Total Produced _____	~~Bbls.~~ 0

PUMPING UNIT SHUT OFF

Total Fluid - Condensate + Water 0

GAS MEASUREMENT DATA

Orfice Meter Static Lbs. 100 Differential-Inches 100

Meter Loop Size 4.030 Plate Size 1.000

Flange Tap X Or Pipe Tap _____

Chart L-10 L-10 Or Standard _____

Gas Gravity .709 Average Gas Temp. _____

WELL DATA

Choke Size 21/64 Tubing Recorder Range 500 Lbs.

Casing Recorder Range 200 Lbs.

Tubing Opening Pressure 44 psi Casing Opening Pressure 68 psi

Tubing Closing Pressure 44 psi Casing Closing Pressure 44 psi

Did well stablilize in 24 hour test period? Yes X No _____

If YES how long stabilized flow? 2 hrs.

CALCULATIONS ENDING READINGS

~~Average~~ Static 7.7 ~~Average~~ Differential 0

Orfice Factor 5.833 X Diff. 0 X Stat. Ext. 7.7 X Temp. Factor 1.0

X Sp.Gr. Factor 1.0 = Volume/Gas 0 MCF ÷ Fluid 0

_____ Fluid/Gas Ratio Cu. ft./bbl.

LOG OFF TEST DATA SHEET

Flow Test No. II

Company DOYLE HARTMAN Lease and Well No. BATES B B & S No 1

Pool Name JALMAT GAS Section 29 Township 25 S Range 37 E

Min. Rate Requested by Co. 132 Mcf Date Test Started JULY 26, 1984

Date Test Ended JULY 27 Time Test Started 6:00 PM Time Test Ended 10:00 AM

Company Rep. HAROLD SWAIN

Division Rep. HOBBS OFFICE NOTIFIED

PRODUCTION DATA

OIL/CONSENSATE		WATER	
Tank No _____ Size _____		Tank No. FIBERGLASS Size 250	
Closing Gauge _____	Bbls. _____	Closing Gauge _____	Bbls. _____
Opening Gauge _____	Bbls. _____	Opening Gauge _____	Bbls. _____
Total Produced _____	~~Bbls.~~ _____	Total Produced _____	~~Bbls.~~ 84

Total Fluid ~ Condensate + Water 84

GAS MEASUREMENT DATA

Orfice Meter Static Lbs. 100 Differential-Inches 100

Meter Loop Size 4.030 Plate Size 1.000

Flange Tap X Or Pipe Tap _____

Chart L-10 SR-10 Or Standard _____

Gas Gravity .709 Average Gas Temp. _____

WELL DATA

Choke Size 23/64 Tubing Recorder Range _____ Lbs.

Casing Recorder Range _____ Lbs.

Tubing Opening Pressure 44 Casing Opening Pressure 44 psi

Tubing Closing Pressure 44 Casing Closing Pressure 52 psi

Did well stablilize in 24 hour test period? Yes _____ No X

If YES how long stabilized flow? _____ hrs.

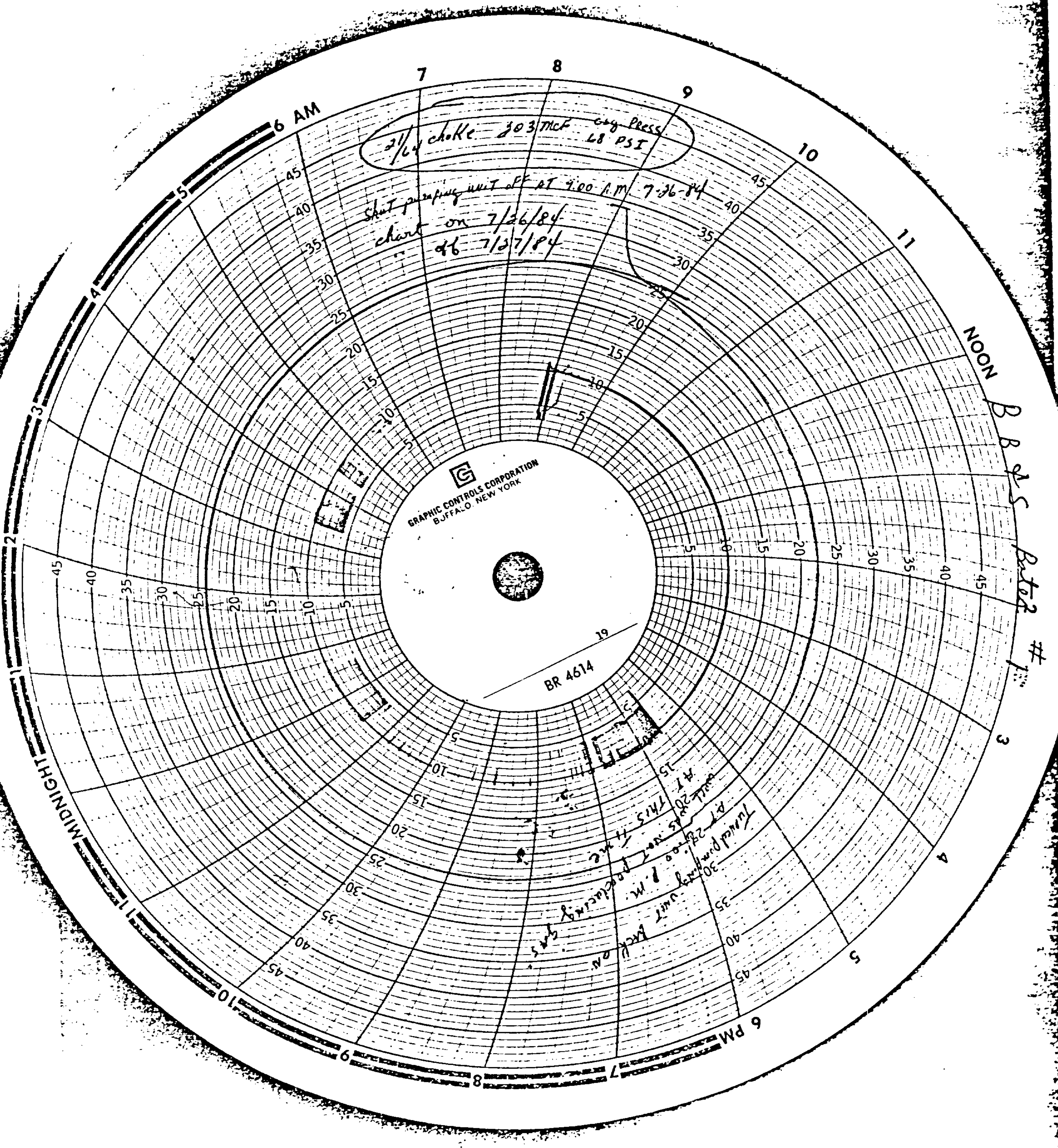
CALCULATIONS ENDING READING

~~Average~~ Static 7.6 ~~Average~~ Differential 2.2

Orfice Factor 5.833 X Diff. 2.6 X Stat. Ext. _____ X Temp. Factor 1.0

X Sp.Gr. Factor 1.0 = Volume/Gas 98 MCF ÷ Fluid 84

1167 Fluid/Gas Ratio Cu. ft./bbl.


21/64 choke 303 Mcf csg press. 68 PSI
Shut pumping unit off at 4:00 A.M. 7-26-84
chart on 7/26/84
off 7/27/84
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
19
BR 4614
Turned pumping unit back on
AT 2:00 P.M. not producing gas
AT this time
BB&S Beta 2 #1
6 AM
NOON
6 PM
MIDNIGHT

LOG OFF TEST DATA SHEET

Flow Test No. III

Company DOYLE HARTMAN Lease and Well No. BATES B B'S No 1

Pool Name JALMAT (GAS) Section 29 Township 25S Range 37E

Min. Rate Requested by Co. 132 Mcf Date Test Started JULY 27, 1984

Date Test Ended JULY 28 Time Test Started 10:00 AM Time Test Ended 10:10 AM

Company Rep. HAROLD SWAIN

Division Rep. HOBBS OFFICE NOTIFIED

PRODUCTION DATA

OIL/CONSENSATE		WATER	
Tank No _____ Size _____		Tank No. FIBERGLASS Size 250	
Closing Gauge _____	Bbls. _____	Closing Gauge _____	Bbls. _____
Opening Gauge _____	Bbls. _____	Opening Gauge _____	Bbls. _____
Total Produced _____	~~Bbls.~~ _____	Total Produced _____	~~Bbls.~~ 113

Total Fluid - Condensate + Water 113

GAS MEASUREMENT DATA

Orfice Meter Static Lbs. 100 Differential-Inches 100

Meter Loop Size 4.030 Plate Size 1.000

Flange Tap X Or Pipe Tap _____

Chart L-10 SR-10 Or Standard _____

Gas Gravity .709 Average Gas Temp. _____

WELL DATA

Choke Size 21/64 Tubing Recorder Range _____ Lbs.

Casing Recorder Range _____ Lbs.

Tubing Opening Pressure 44 Casing Opening Pressure 52 psi

Tubing Closing Pressure 44 Casing Closing Pressure 56 psi

Did well stablilize in 24 hour test period? Yes _____ No X

If YES how long stabilized flow? _____ hrs.

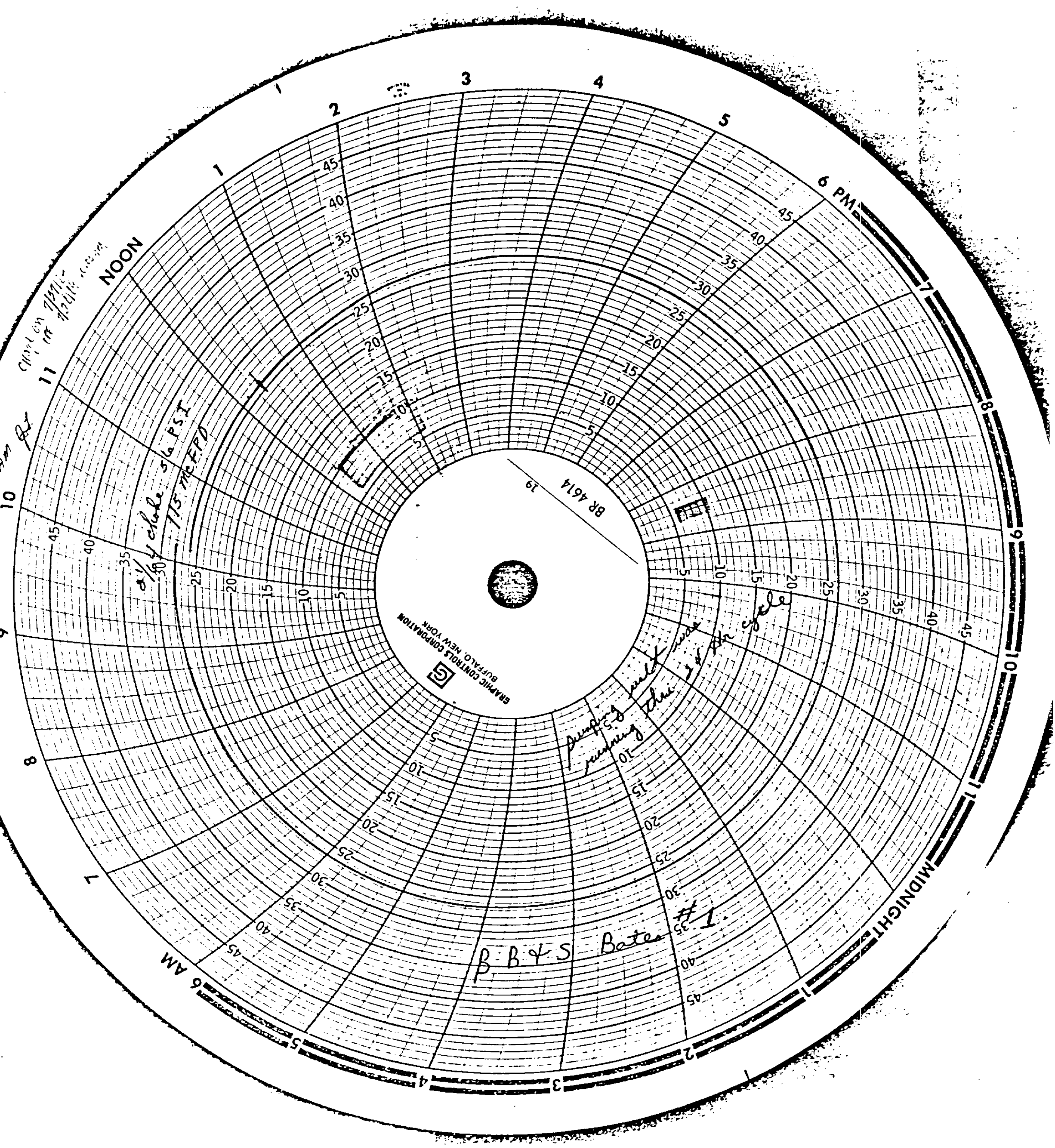
CALCULATIONS ENDING READINGS

~~Average~~ Static 7.7 ~~Average~~ Differential _____

Orfice Factor 5.833 X Diff. 3.10 X Stat. Ext. 7.2 X Temp. Factor 1.0

X Sp.Gr. Factor 1.0 = Volume/Gas 139 MCF ÷ Fluid 113

1230 Fluid/Gas Ratio Cu. ft./bbl.


NOON
6 PM
MIDNIGHT
6 AM
BR 4614
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
B.B & S Bates #1

LOG OFF TEST DATA SHEET

Flow Test No. IV

Company DOYLE HARTMAN Lease and Well No. BATES BB #5

Pool Name DALMAT (GAS) Section 29 Township 25-S Range 37-E

Min. Rate Requested by Co. _____ Mcf Date Test Started JULY 28, 1984

Date Test Ended JULY 29 Time Test Started 10:10 AM Time Test Ended 10:05 AM

Company Rep. HAROLD SWAIN

Division Rep. HOBBS OFFICE NOTIFIED

PRODUCTION DATA

OIL/CONSENSATE			WATER		
Tank No _____	Size _____		Tank No. _____	Size 250	
Closing Gauge _____	Bbls. _____		Closing Gauge _____	Bbls. _____	
Opening Gauge _____	Bbls. _____		Opening Gauge _____	Bbls. _____	
Total Produced _____	~~Bbls.~~ _____		Total Produced _____	~~Bbls.~~ 124	

Total Fluid - Condensate + Water 124

GAS MEASUREMENT DATA

Orfice Meter Static Lbs. 100 Differential-Inches 100

Meter Loop Size 4.030 Plate Size 1.000

Flange Tap X Or Pipe Tap _____

Chart L-10 SR-10 Or Standard _____

Gas Gravity .709 Average Gas Temp. _____

WELL DATA

Choke Size 21/64 Tubing Recorder Range 500 Lbs.

Casing Recorder Range 200 Lbs.

Tubing Opening Pressure 44 Casing Opening Pressure 56 psi

Tubing Closing Pressure 44 Casing Closing Pressure 60 psi

Did well stablilize in 24 hour test period? Yes X No _____

If YES how long stabilized flow? 16 hrs.

CALCULATIONS ENDING READINGS

~~Average~~ Static 7.8 ~~Average~~ Differential 3.5

Orfice Factor 5.833 X Diff. 3.5 X Stat. Ext. 7.8 X Temp. Factor 1.0

X Sp.Gr. Factor 1.0 = Volume/Gas 159 MCF ÷ Fluid 124

1282 Fluid/Gas Ratio Cu. ft./bbl.

NOON
6 PM
MIDNIGHT
6 AM
BR 4614
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
Chart change 10:05 am 7/28/94
Chart off 7/29/94 7:55 am
B B + S Bates #1
Chart meter stopped making well was making 179 mcf pressure had climbed to 60 PSI at end of chart cycle

LOG OFF TEST DATA SHEET

Flow Test No. V

Company DOYLE HARTMAN Lease and Well No. BATES BB #5

Pool Name JALMAT (GAS) Section 29 Township 25-S Range 37-E

Min. Rate Requested by Co. 132 Mcf Date Test Started JULY 29, 1984

Date Test Ended JULY 30 Time Test Started 10:05 AM Time Test Ended 10:25 AM

Company Rep. HAROLD SWAIN

Division Rep. HOBBS OFFICE NOTIFIED

PRODUCTION DATA

OIL/CONSENSATE		WATER	
Tank No _____ Size _____		Tank No. FIBERGLASS Size 250	
Closing Gauge _____	Bbls. _____	Closing Gauge _____	Bbls. _____
Opening Gauge _____	Bbls. _____	Opening Gauge _____	Bbls. _____
Total Produced _____	~~Bbls.~~ _____	Total Produced _____	~~Bbls.~~ 103

Total Fluid - Condensate + Water 103

GAS MEASUREMENT DATA

Orfice Meter Static Lbs. 100 Differential-Inches 100

Meter Loop Size 4.030 Plate Size 1.00

Flange Tap X Or Pipe Tap _____

Chart L-10 SR-10 Or Standard _____

Gas Gravity .709 Average Gas Temp. _____

WELL DATA

Choke Size 21/64 Tubing Recorder Range 500 Lbs.

Casing Recorder Range 200 Lbs.

Tubing Opening Pressure 44 Casing Opening Pressure 60 psi

Tubing Closing Pressure 44 Casing Closing Pressure 45 psi

Did well stablilize in 24 hour test period? Yes X No _____

If YES how long stabilized flow? 24 hrs.

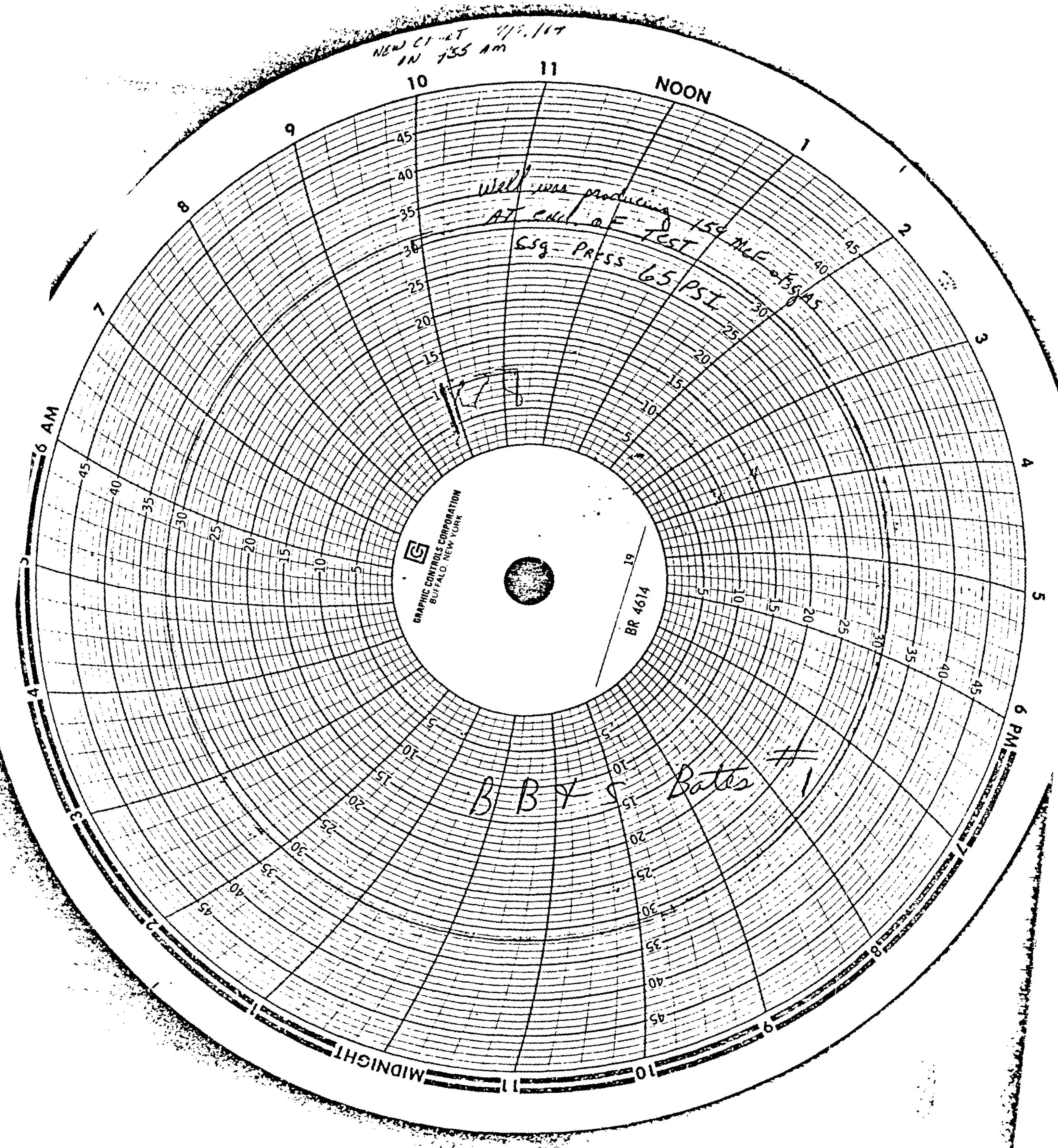
CALCULATIONS ENDING READINGS

~~Average~~ Static 7.9 ~~Average~~ Differential 3.5

Orfice Factor 5.833 X Diff. 3.5 X Stat. Ext. 7.9 X Temp. Factor 1.0

X Sp.Gr. Factor 1.0 = Volume/Gas 161 MCF ÷ Fluid 103

1563 Fluid/Gas Ratio Cu. ft./bbl.



Well was producing 159 MCF of GAS
AT end of TEST
Csg PRESS 65 PSI
B B Y S Bates #1
NOON
6 AM
6 PM
MIDNIGHT
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
19
BR 4614

LOG OFF TEST DATA SHEET

Flow Test No. VI

Company DOYLE HARTMAN Lease and Well No. BATES- BB 1 S No 1

Pool Name JALMAT (GAS) Section 29 Township 25-S Range 37-E

Min. Rate Requested by Co. 132 Mcf Date Test Started JULY 30, 1984

Date Test Ended JULY 31 Time Test Started 10:25AM Time Test Ended 10:15 AM

Company Rep. HAROLD SWAIN

Division Rep. HOBBS OFFICE NOTIFIED

PRODUCTION DATA

OIL/CONSENSATE		WATER	
Tank No _____	Size _____	Tank No. _____	Size 250
Closing Gauge _____	Bbls. _____	Closing Gauge _____	Bbls. _____
Opening Gauge _____	Bbls. _____	Opening Gauge _____	Bbls. _____
Total Produced _____	~~Bbls.~~ _____	~~Total Produced~~ _____	~~Bbls.~~ 90

SHUT WELL IN PUMPING UNIT RUNNING

Total Fluid - Condensate + Water 90

GAS MEASUREMENT DATA

Orfice Meter Static Lbs. 100 psi Differential-Inches 100 INCH

Meter Loop Size 4.030 Plate Size 1.000

Flange Tap X Or Pipe Tap _____

Chart L-10 SR-10 Or Standard _____

Gas Gravity .709 Average Gas Temp. _____

WELL DATA

Choke Size — Tubing Recorder Range 500 Lbs.

Casing Recorder Range 200 Lbs.

Tubing Opening Pressure 44 Casing Opening Pressure 60 psi

Tubing Closing Pressure 44 Casing Closing Pressure 78 psi

Did well stablilize in 24 hour test period? Yes X No _____

If YES how long stabilized flow? 4 hrs.

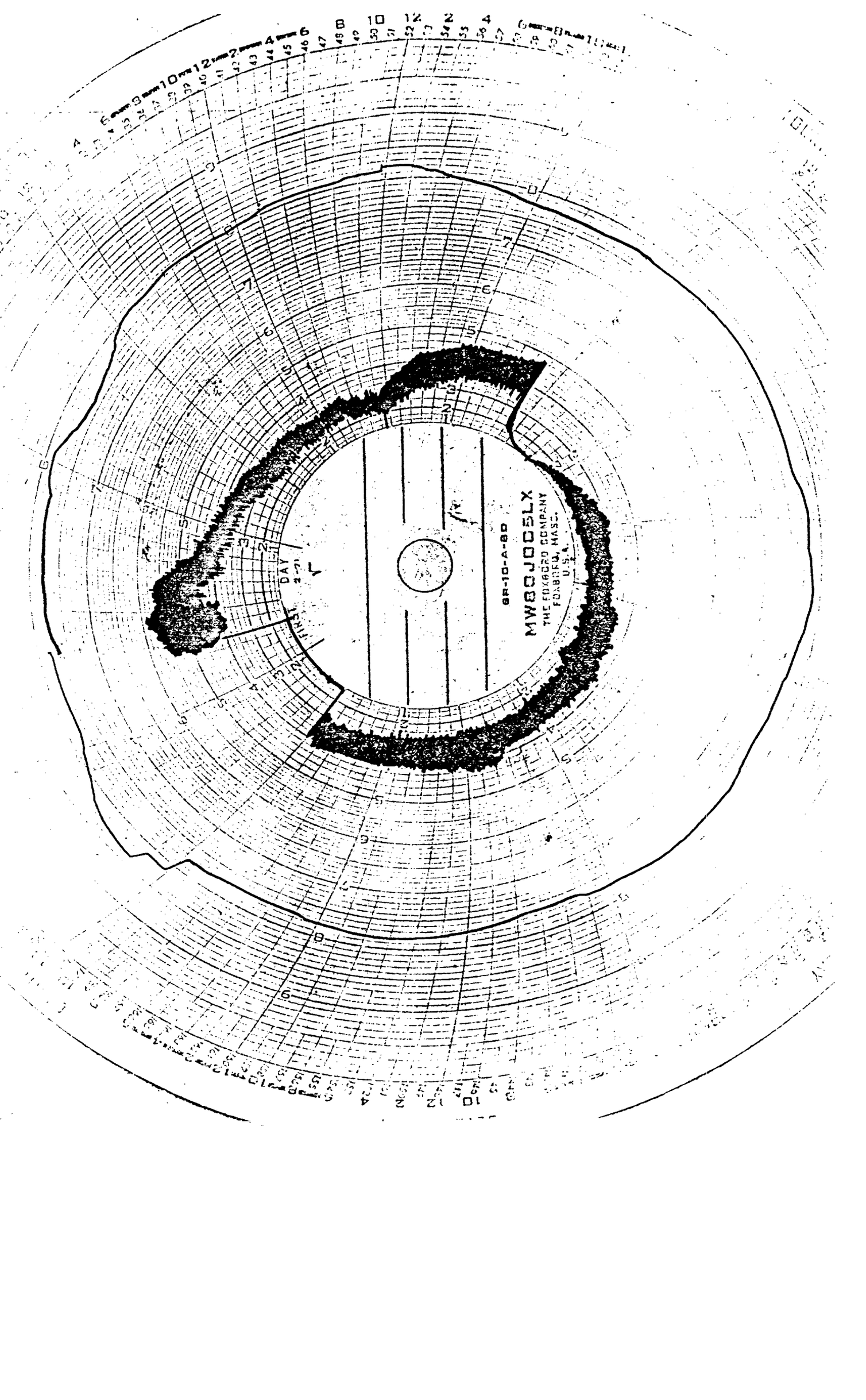
CALCULATIONS ENDING READINGS

~~Average~~ Static 7.9 ~~Average~~ Differential 0.0

Orfice Factor 5.833 X Diff. 0.0 X Stat. Ext. 7.9 X Temp. Factor 1.0

X Sp.Gr. Factor 1.0 = Volume/Gas 0 MCF ÷ Fluid 90

_____ Fluid/Gas Ratio Cu. ft./bbl.


MW80J005LX
THE FOXBORO COMPANY
FOXBORO, MASS.
U.S.A.
SR-10-A-80
DAY
FIRST

7/31/84

21/64

560 58-260-01 0 07 DF188085
BATES BB&S#1
4.030

1.000

100 IN

DOYLE HARTMAN
4877

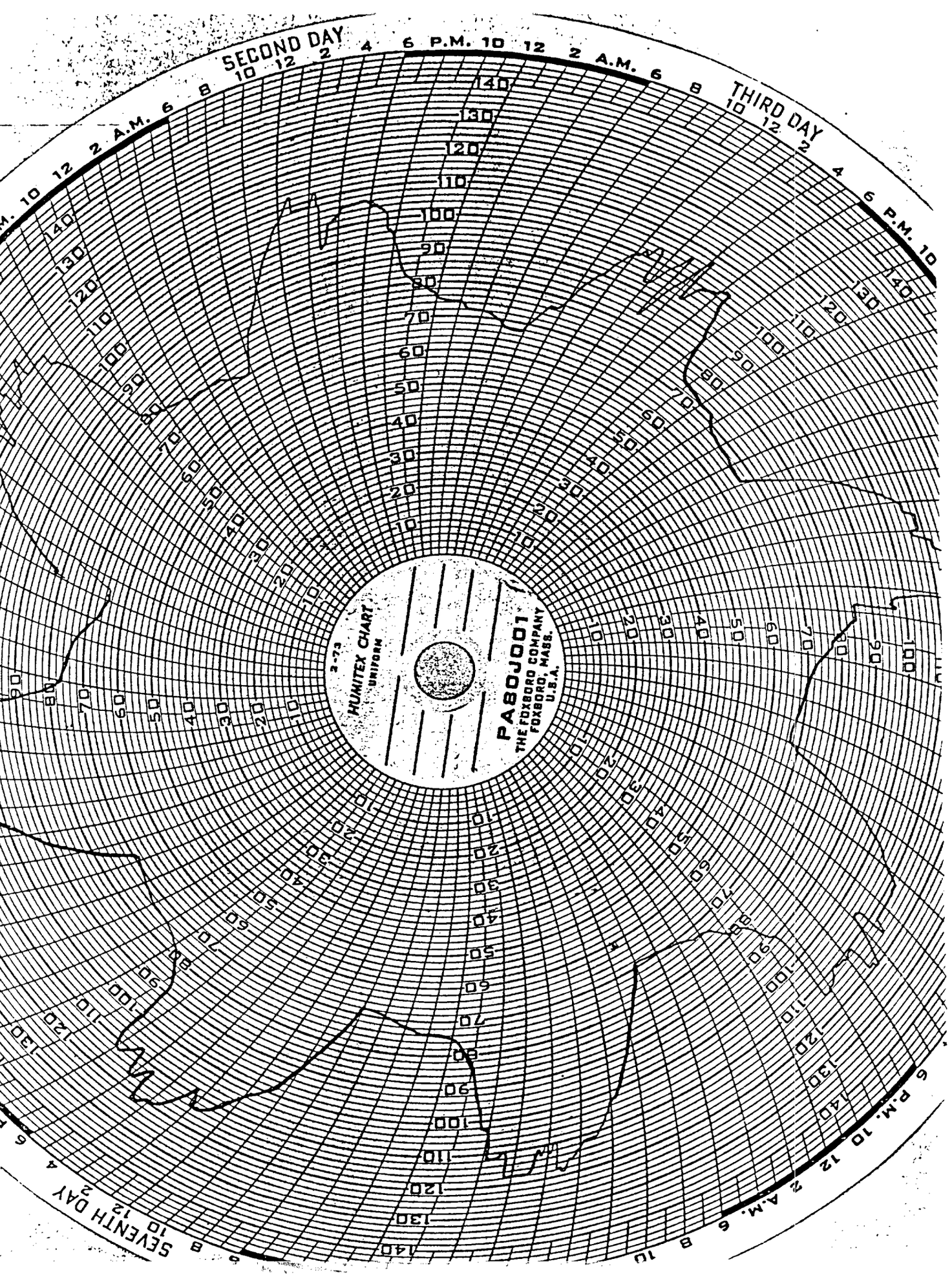
13.20

ON 84 07 23
OF 84 07 31

SEPARATOR DUMPS

8 Hr

Hr


SECOND DAY
THIRD DAY
SEVENTH DAY
P.M.
A.M.
HUMITEX CHART
UNIFORM
2-73
PA80J001
THE FOXBORO COMPANY
FOXBORO, MASS.
U.S.A.

58-260

R-69854

BATES BB&S #1

0-150

ON 84 07 23

OFF 84 07 31