

18826

In Reply Refer To: MS 5232

MAY 12 1998

Mr. Rand E. Sterling
 Equitable Resources Energy Company
 5555 San Felipe, Suite 2100
 Houston, Texas 77056

Dear Mr. Sterling:

In accordance with 30 CFR 250.158(b), your letter dated April 23, 1998, transmitted a pipeline construction report for the following right-of-way pipeline located in the West Cameron Area:

<u>Pipeline Segment No.</u>	<u>Size (inches)</u>	<u>Length (feet)</u>	<u>Service</u>	<u>From</u>	<u>To</u>
11568 (Right-of-Way OCS-G 18826)	8 5/8	11,149	Gas/ Condensate	Platform A Block 540 Lease OCS-G 15110	A 20-inch SSTI Block 549 Lease OCS-G 16203 Segment No. 7069 Right-of-Way OCS-G 6561

The data provided in the report, including the following test information establishes the assigned maximum allowable operating pressure (MAOP) for the pipeline:

<u>Pipeline Segment No.</u>	<u>Test Pressure (psig)</u>	<u>Duration (hours)</u>	<u>MAOP (psig)</u>	<u>MAOP Determination</u>
11568 (spool bend)	2,170	4	1,440	Valves

The high- and low-pressure sensors shall be set, respectively, no higher than 15 percent above and below the normal operating range. However, the high pilot shall not be set higher than the MAOP of the pipeline.

The total length of the "as-built" pipeline right-of-way is 2.11 miles.

Sincerely,

(Org.Sgd.) J. R. Hennessey

Donald C. Howard
 Regional Supervisor
 Field Operations

bcc: 1502-01 Segment No. 11568, ROW OCS-G 18826 (MS 5232)
 /1502-01 ROW OCS-G 18826 (Microfilm) (MS 5033)
 MS 5232 Carto

JGuidry:amm:5/5/98:Equitabl.568



microfilm

April 23, 1998

Mr. Don Howard
Regional Supervisor
Office of Field Operations
U.S. Department of the Interior
Minerals Management Service
1201 Elmwood Park Boulevard
New Orleans, Louisiana 70123-2394



Attention: Mr. Alex Alvarado
Pipeline Unit

Re: 8.625-Inch Natural Gas and Condensate Right-of-Way Pipeline (Segment No. 11568)
Installed In and/or Through Blocks 540 and 549, West Cameron Area, OCS Federal
Waters, Gulf of Mexico, Offshore, Louisiana

Gentlemen:

By letter dated September 11, 1997, Minerals Management Service (MMS) approved Equitable Resources Energy Company's application for the installation of a 8.625-Inch natural gas and condensate right-of-way pipeline originating at Platform "A" in Block 540 and terminating at an existing 20-inch subsea tie-in in Block 549, all in the West Cameron Area, OCS Federal Waters, Gulf of Mexico, Offshore, Louisiana.

In accordance with the provisions of the MMS's approval letter and regulations contained in Title 30 CFR Part 250.158(a), your office was notified by fax on September 12, 1997 of the proposed commencement of installation and hydrostatic testing of the subject pipeline.

Pursuant to regulations contained in Title 30 CFR 250.158(b) and that certain Letter to Lessees dated April 18, 1991, enclosed in triplicate are the "As-Built" pipeline route map and hydrostatic test pressure data; as well as the diskette covering the actual pipeline route.

A total of 23 Galvalum III 42 # anodes were installed on the subject pipeline. The anodes were installed at an approximate spacing of 500 feet.

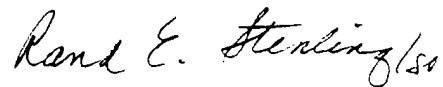
Minerals Management Service
Segment No. 11568
As-Built Pipeline Data
April 23, 1998

Page Two

Should you have any questions regarding this data, please contact the undersigned, or our regulatory agent, J. Connor Consulting, Inc., Attention: Sharon Perez at (281) 578-3388.

Sincerely,

Equitable Resources Energy Company

A handwritten signature in cursive script that reads "Rand E. Sterling/so".

Rand E. Sterling
Director of Legal Affairs

RES:SP
Enclosures

cc: National Ocean Center
Nautical Data Section
N-CS261, Station 7230
1325 E-W Highway
Silver Spring, Maryland 20910-3282

BEST AVAILABLE COPY

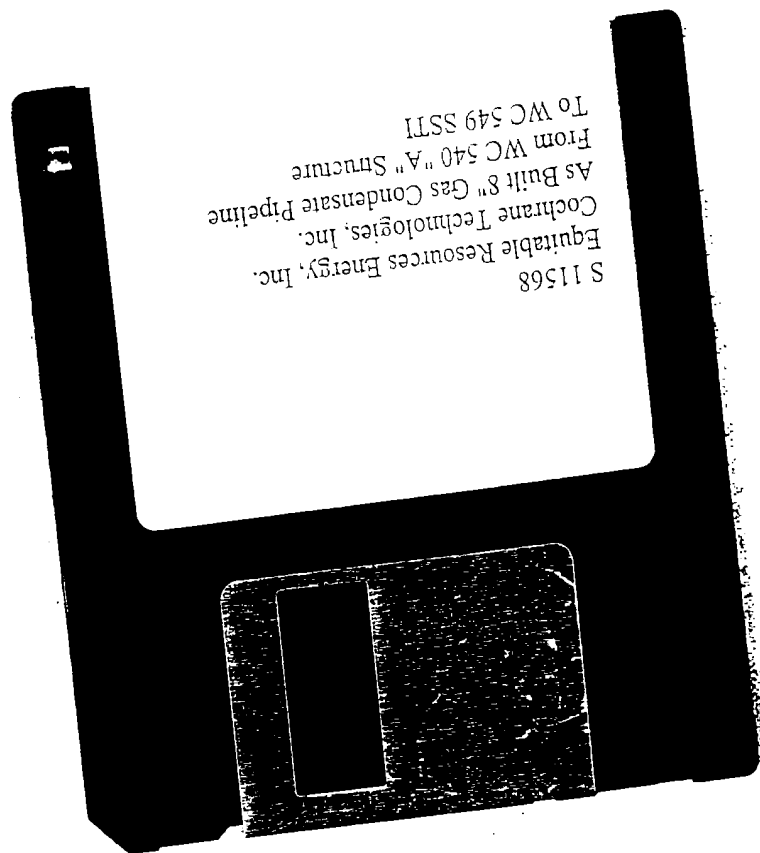
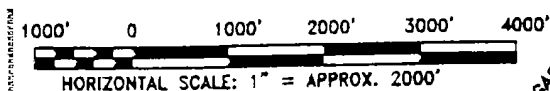


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- A. AS-BUILT OF 8" PIPELINE FROM WC 540 A TO WC 549
- B. HYDRO TEST RESULTS OF THE FABRICATED SPOOL PIECE
ASSEMBLY
- C. HYDRO TEST RESULTS OF THE 8" PIPELINE
- D. HYDRO TEST RESULTS OF THE 8" x 90deg. BEND

TIE	COORDINATES	
	X	Y
Riser @ "A" Structure	1,352,400'	-114,292'
1	1,352,417'	-114,352'
2	1,352,469'	-114,786'
3	1,352,531'	-115,284'
4	1,352,582'	-115,790'
5	1,352,661'	-116,288'
6	1,352,716'	-116,772'
7	1,352,779'	-117,260'
8	1,352,836'	-117,742'
9	1,352,923'	-118,226'
10	1,352,962'	-118,733'
11	1,353,025'	-119,197'
12	1,353,104'	-119,605'
13	1,353,154'	-120,113'
14	1,353,207'	-120,573'
15	1,353,277'	-121,074'
16	1,353,342'	-121,573'
17	1,353,410'	-122,064'
18	1,353,462'	-122,550'
19 Block X-ing	1,353,536'	-122,741'
20	1,353,523'	-123,025'
21	1,353,587'	-123,510'
22	1,353,643'	-123,997'
23	1,353,694'	-124,473'
24 P/L X-ing	1,353,784'	-124,974'
25	1,353,785'	-125,255'
26	1,353,782'	-125,305'
Sub-Sea Tie In	1,353,807'	-125,329'
TOTAL LENGTH: 11,149 FT., 2.11 MI.		



Riser @ WC 540
"A" Structure
X= 1,352,400'
Y= -114,292'
Lat. 28° 20' 12.383"N
Long. 93° 20' 44.745"W

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AS-BUILT 8"
GAS/COND. PIPELINE
SEGMENT NO. 11568
TOTAL LENGTH = 11,149 Ft.

WC 540
EQUITABLE RESOURCES ENERGY CO.
OCS-G-15110

Block X-ing

X= 1,353,536'
Y= -122,741'
Lat. 28° 18' 48.965"N
Long. 93° 20' 30.380"W

WC 549
UMC PETROLEUM CORPORATION
OCS-G-18203

8" P/L X-ing

X= 1,353,784'
Y= -125,274'
Lat. 28° 18' 23.945"N
Long. 93° 20' 27.118"W

SUB-SEA TIE-IN
WC 549

X= 1,353,807'
Y= -125,329'
Lat. 28° 18' 23.404"N
Long. 93° 20' 26.847"W

I certify this plot represents the horizontal position of pipeline as identified by a survey performed under my supervision in accordance with generally accepted offshore surveying practices.

NOTES:

- Coordinates are referenced to Louisiana Coordinate System of 1927, South Zone. Units are in U.S. Survey Feet.
- This plot represents a survey of the horizontal position of pipeline as identified during construction.
- Position at Pts. Nos. 1 & 25 to SSTI were obtained from Cat-Olive International determined during tie-in operations. NOT performed under the supervision of certifying professional.
- Position of 8" crossing represents an intersection between fixed points and not a direct tie.
- Riser position "A" Structure based on engineering drawings and not verified on this survey.

Legend

- Denotes position of anodes on pipeline.
- Denotes other positions on pipeline.
- Denotes proposed pipeline Right-of-Way
- 200' wide.

EQUITABLE RESOURCES ENERGY INC.

AS-BUILT

8" GAS/COND. PIPELINE

FROM WEST CAMERON AREA BLOCK 540 STRUCTURE "A"
TO WEST CAMERON AREA BLOCK 549 SUB-SEA TIE-IN

cochrane
TECHNOLOGIES, INC.

1-800-346-3745

LAFAYETTE, LA

PREPARED FOR:

HORIZON OFFSHORE CONTRACTORS INC.
HOUSTON, TEXAS

DRAWING NO.: 3356-2

DRAFTED BY: J. X. 22

DATE: APRIL 14, 1998 MAP: : OF :

DAVID K. BURDEAUX, P.L.S.

REGISTRATION NO. 4713 - STATE OF LOUISIANA

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12-11-97

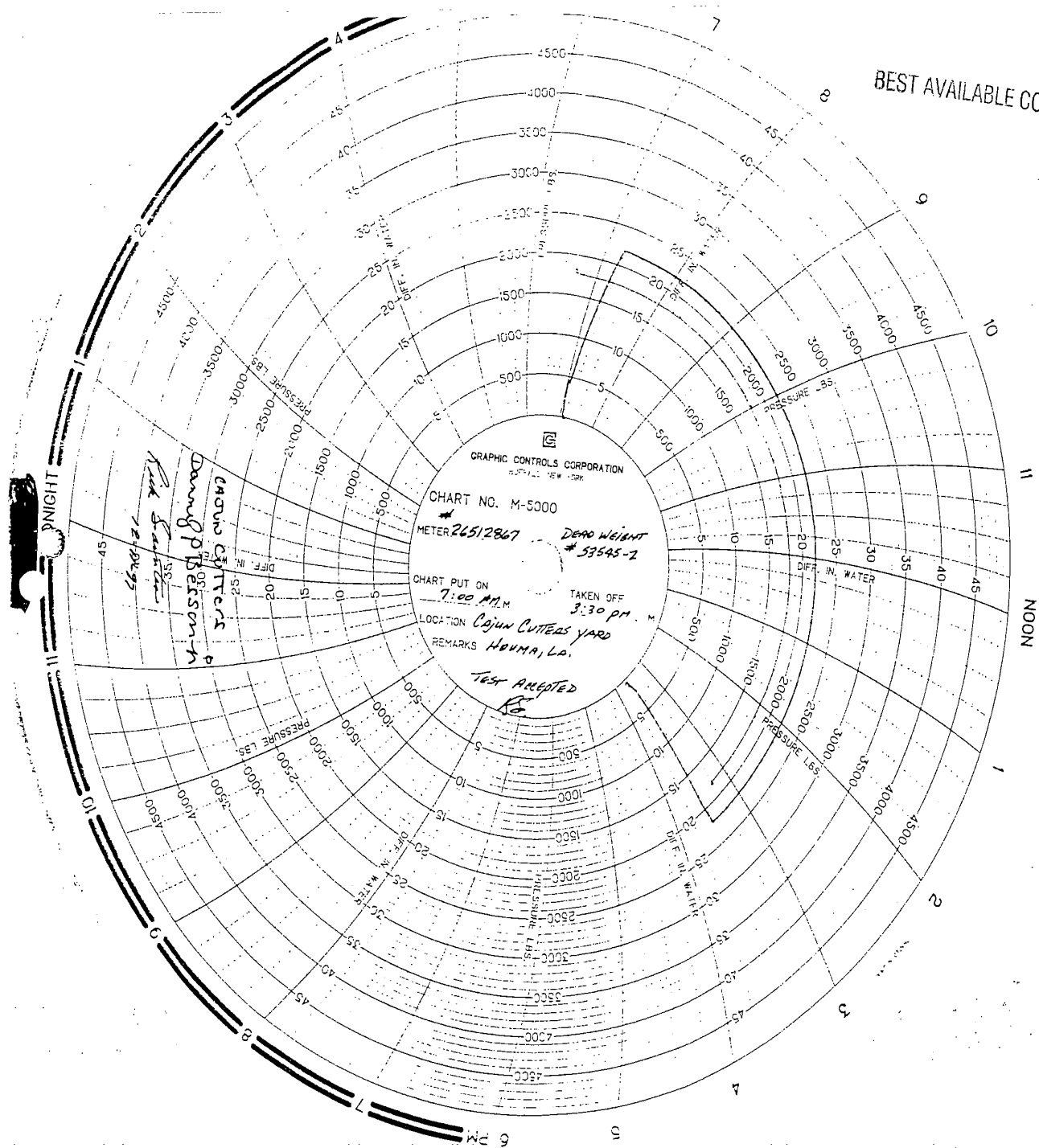
Time	OUT Side Temp	PSI	Bleed off
7:00 am	40	0	0 - 000
7:15	40	1500	
7:30	40	2185	
7:45	43	2184	
8:00	43	2184	
8:15	43	2182	
8:30	43	2181	
8:45	43	2180	
9:00	43	2180	
9:15	43	2180	
9:30	43	2180	
9:45	43	2181	
10:00	43	2181	
10:15	43	2181	
10:30	43	2182	
10:45	43	2183	
11:00	43	2182	
11:15	43	2183	
11:30	43	2184	
11:45	43	2187	
12:00	43	2193	
12:15	45	2193	2193 DOWN TO 2175
12:30	45	2175	
12:45	45	2178	
1:00	45	2179	

12-11-97

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Kelley Completion Services, Inc. No

2522

P. O. Box 906 - Houma, LA 70361
1811 Hwy. 311 - Schriever, LA 70395
Phone (504) 872-6703 • FAX # (504) 876-6550

CALIBRATION CERTIFICATE

DATE: 12-04-97

CUSTOMER: CAJUN CUTTERS

SERIAL #: 26512867

INSTRUMENT BEING TEST: BARTON RECORDER

PRESSURE RANGE: 0-5000

CALIBRATION: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000

CERTIFIED BY:

CAJUN PRINTING FORM 1296

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CALIBRATION CERTIFICATE

NO. 12788

MAKE VAETRIX DIGITAL GAUGE 2 SERIAL NUMBER 53545-2

PRESSURE RANGE 0-5,000 PSI CALIBRATED TO MANUFACTURER'S SPECIFICATIONS

DATE OF CALIBRATION DEC. 10, 1997 CALIBRATED BY: John Antill, Jr.

This is to certify that this Instrument has been inspected and tested against Pressure Standard Chandler Engineering S/N-16169 traceable to the National Institute of Standards and Technology, traceability reference P-8424 File: TN-250950

ACCURACY 0.02% TEMP 64°F HUMIDITY 86%

4446 SOUTHDOWN MANDALAY,

HOUMA, LA 70360

TELEPHONE: 504/876-1695



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JOB NUMBER: 5043-02	LOCATION: WC 540
DATE PREPARED: 3-23-98	DATE TESTED: 3-21-97

HYDROTEST REPORT

TEST SECTION: 8" Pipeline	CUSTOMER: Horizon/Equitable
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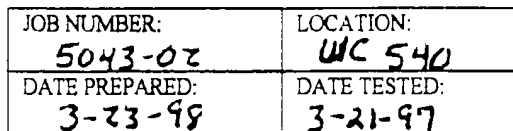
EQUIPMENT		
TYPE	MAKE	SERIAL NO.
DEAD WEIGHT TESTER	VACTRIX	57396-5
AMBIENT TEMP RECORDER	N/A	N/A
TEST MEDIUM TEMP RECORDER	BARTON	45769
PRESSURE RECORDER	BARTON	56915

RECORD OF TEST DATA					
TIME	PRESSURE CHART RECORDER	DIGITAL DEAD WEIGHT	TEST MEDIUM TEMP.	AMBIENT TEMP.	REMARKS
1915	2200	2187	66	58	
1930	2200	2185	64	58	
1945	2200	2183	63	58	
2000	2200	2182	62	58	
2015	2200	2182	62	58	
2030	2200	2182	62	57	
2045	2200	2181	62	57	
2100	2200	2181	62	57	
2115	2200	2180	62	57	
2130	2200	2180	62	57	
2145	2200	2180	62	57	
2200	2200	2180	62	57	
2215	2200	2180	62	58	
2230	2200	2180	62	58	
2245	2200	2180	62	59	
2300	2200	2180	62	59	
2315	2200	2180	62	60	
2330	2200	2180	62	60	
2345	2200	2180	62	60	
0000	2200	2180	62	60	
0015	2200	2180	62	60	
0030	2200	2180	62	60	
0045	2200	2180	62	60	
0100	2200	2180	62	60	
0115	2200	2180	62	60	
0130	2200	2180	62	60	
0145	2200	2180	62	61	
0200	2200	2180	62	61	

CONTRACTOR REPRESENTATIVE: <i>Wm. Moore</i>	COMPANY REPRESENTATIVE:
--	-------------------------

Wm. Moore
CRI

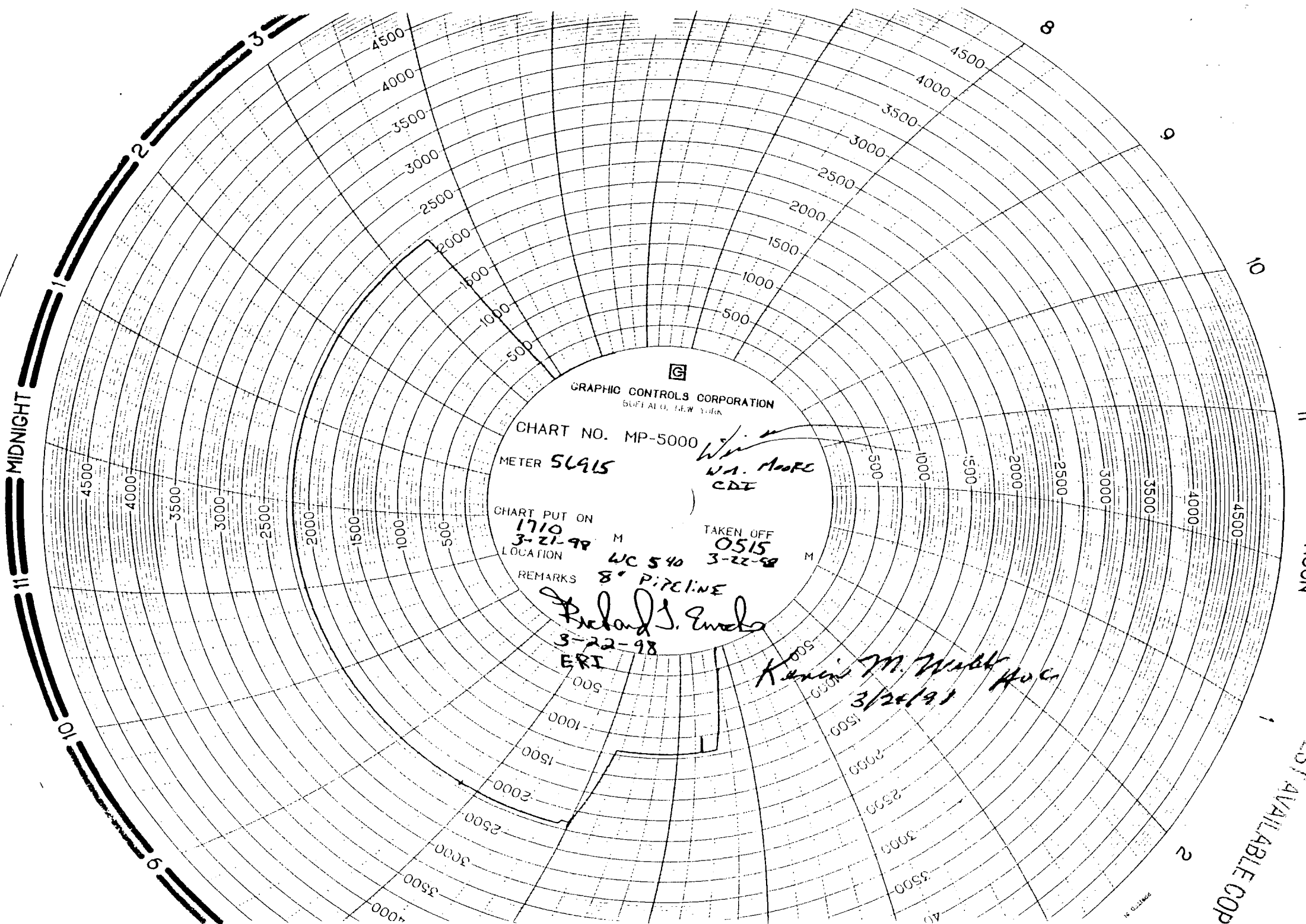
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TEST SECTION: 8" PIPELINE	CUSTOMER: HORIZON / Equitable
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GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MP-5000

METER 56915

W.A. Moore
CDT

CHART PUT ON

1710

3-21-98

LOCATION

M WC 540

TAKEN OFF

0515

3-22-98

M

REMARKS

8" PIPELINE

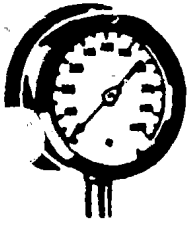
Richard J. Enck

3-22-98

ERI

Kevin M. Webb
3/22/98

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STANDARD INSTRUMENT SERVICE

P. O. Box 473

HARVEY, LOUISIANA

TELEPHONE 367-4195



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CALIBRATION CERTIFICATE

This is to certify that this gauge has been inspected and calibrated.

Serial No. of Gauge 57396-5
Size of Gauge GAUGE - 2
Mfg. of Gauge VAETRIN
Pressure Range 0-5000 PSI

TESTER READING	GAUGE READING
<u>1000 PSI</u>	<u>1001</u>
<u>2000</u>	<u>2001</u>
<u>3000</u>	<u>3002</u>
<u>4000</u>	<u>4000</u>
<u>5000</u>	<u>4999</u>

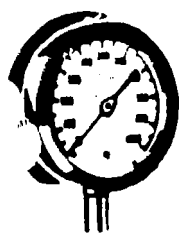
TYPE TESTER USED: Beckhoff 1312 DEAD WEIGHT TESTER

DATE TESTED: 11-18-57 BY: Allen Folsch

This Instrument was calibrated with standards which are accurate and traceable to "THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY" N.I.S.T. numbers 167720 and 174192

Room Temp. 76° F.
Calibrated In UPRIGHT Position





STANDARD INSTRUMENT SERVICE

P. O. Box 473

HARVEY, LOUISIANA

TELEPHONE 367-4185

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CALIBRATION CERTIFICATE

This is to certify that this gauge has been inspected and calibrated.

Serial No. of Gauge

S/N# 56915

Size of Gauge

1 1/2"

Mfg. of Gauge

BARTON

Pressure Range

0-5000

PSI

TESTER READING	GAUGE READING
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000

TYPE TESTER USED: ASTROCRAFT A/W TESTER

DATE TESTED: 10-15-97 BY: Melvin Allumado

This Instrument was calibrated with standards which are accurate and traceable to "THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY" N.I.S.T. numbers 167720 and 174192

Room Temp. 78° F.
Calibrated In UP RIGHT Position





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P. O. Box 473

HARVEY, LOUISIANA

TELEPHONE 367-4195



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CALIBRATION CERTIFICATE

This is to certify that this gauge has been inspected and calibrated.

Serial No. of Gauge

S/N# 45769

Size of Gauge

12"

Mfg. of Gauge

BARTON

Pressure Range

0'-150'

TEMP.

TESTER READING	GAUGE READING
30°	30°
60°	60°
90°	90°
120°	120°
150°	150°

TYPE TESTER USED: HADES NDP 181

DATE TESTED: 10-7-97 BY: M. J. Allum

This Instrument was calibrated with standards which are accurate and traceable to "THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY" N.I.S.T. numbers 167720 and 174192

Room Temp.

Calibrated In

78

UP Right

F.

Position



5 6 AM

8

9

10

11

NOON

1

2

REGISTERED IN U.S.A.

3

4

5

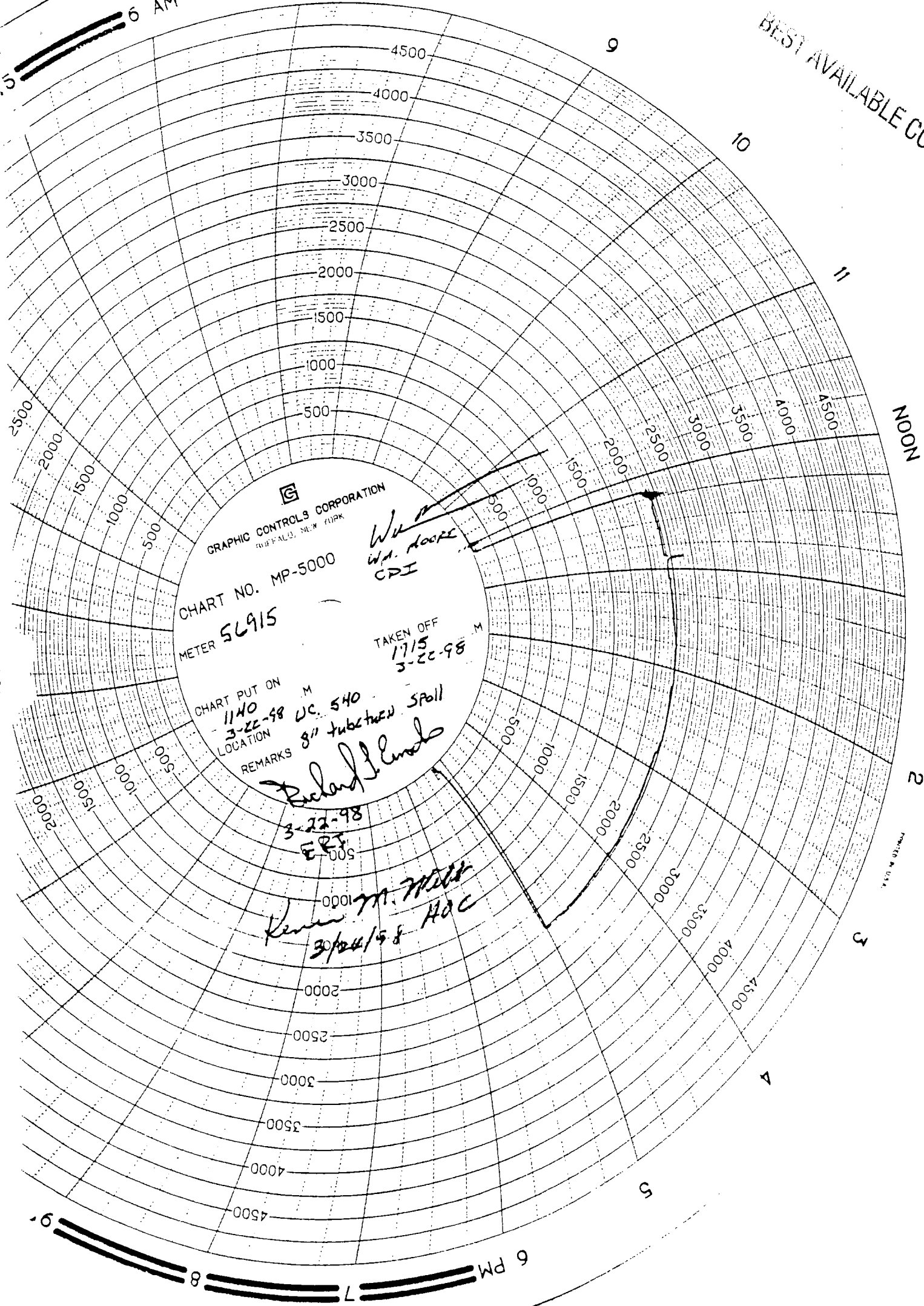
6 PM

7

8

9

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GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MP-5000
METER 56915

CHART PUT ON 1140 3-22-98 M
LOCATION UC 540

REMARKS 8" tubular spoil

TAKEN OFF 1715 3-22-98 M

Richard J. Lusk
3-22-98

Ken M. Miller
3/24/98 HOC

W.A. MOORE
CPI

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GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MT-150°F

METER 45769

TAKEN OFF
1725
3-22-98

CHART PUT ON
0900
3-22-98

LOCATION WC 540
8" Tubeturn Spool

REMARKS Richard J. Enos
5-22-98
ERC

Kenney M. White HOC
3/24/98

GRAPHIC & USA



STANDARD INSTRUMENT SERVICE

P. O. Box 473

HARVEY, LOUISIANA

TELEPHONE 367-4195



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CALIBRATION CERTIFICATE

This is to certify that this gauge has been inspected and calibrated.

Serial No. of Gauge 57396-5
Size of Gauge GAUGE - 2
Mfg. of Gauge UAE TRIN
Pressure Range 0-5000 PSI

TESTER READING	GAUGE READING
<u>1000 PSI</u>	<u>1001</u>
<u>2000</u>	<u>2001</u>
<u>3000</u>	<u>3002</u>
<u>4000</u>	<u>4000</u>
<u>5000</u>	<u>4999</u>

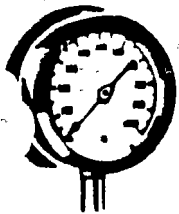
TYPE TESTER USED: ASCO 1312 DEAD WEIGHT TESTER

DATE TESTED: 11-18-97 BY: Allen Folsie

This Instrument was calibrated with standards which are accurate and traceable to "THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY"
N.I.S.T. numbers 167720 and 174192

Room Temp. 76° F.
Calibrated In UPRIGHT Position





STANDARD INSTRUMENT SERVICE

P. O. Box 473

HARVEY, LOUISIANA

TELEPHONE 367-4195



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CALIBRATION CERTIFICATE

This is to certify that this gauge has been inspected and calibrated.

Serial No. of Gauge S/N# 56915
Size of Gauge 1/2"
Mfg. of Gauge BARTAN
Pressure Range 0-5000 PSI

TESTER READING	GAUGE READING
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000

TYPE TESTER USED: ASHCROFT A/W TESTER

DATE TESTED: 10-15-97 BY: Melvin Allendo

This Instrument was calibrated with standards which are accurate and traceable to "THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY" N.I.S.T. numbers 167720 and 174192

Room Temp. 78° F.
Calibrated In UP RIGHT Position



STANDARD INSTRUMENT SERVICE

P. O. Box 473

HARVEY, LOUISIANA

TELEPHONE 367-4195

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CALIBRATION CERTIFICATE

This is to certify that this gauge has been inspected and calibrated.

Serial No. of Gauge S/N# 45769Size of Gauge 12"Mfg. of Gauge BARTONPressure Range 0 - 150TEMP.

TESTER READING	GAUGE READING
30°	30°
60°	60°
90°	90°
120°	120°
150°	150°

TYPE TESTER USED: HADES NDP 181DATE TESTED: 10-7-97 BY: Melvin Allred

This Instrument was calibrated with standards which are accurate and traceable to "THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY" N.I.S.T. numbers 167720 and 174192

Room Temp. 78 F.
Calibrated In UP Right Position

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~~13595~~
G 18826
micro

In Reply Refer To: MS 5421

GOM Company Number 1354

JAN 26 1999

DECISION

Equitable Production Company

Oil and Gas

CHANGE OF NAME RECOGNIZED

On January 20, 1999, there was filed in this office for approval evidence of change of name from Equitable Resources Energy Company to Equitable Production Company, effective December 30, 1998.

In view of the evidence submitted, the change of name as to the oil and gas leases, including operating rights, and pipeline rights-of-way listed on the enclosed is recognized and the records so noted.

Steven K. Waddell
Steven K. Waddell, CPL
Supervisor, Adjudication Unit
Leasing and Environment

Enclosure
GOM Company Qualification Card



Equitable Production Company

List of Oil and Gas Leases in the Gulf of Mexico affected by Name Change.

<u>OCS-G NO.</u>	<u>OCS-G NO.</u>
2723	17905
2724	17906
9458	17928
9564	17929
9565	17945
10722	17946
10723	17947
11877	17980
12803	19705
13040	19737
15106	19754
15110	19758
15116	19767
16120	19773
16320	19781
16347	19782
16399	19784
16400	19785
16485	19792
17895	19829
17900	19996
17902	

Operating Rights Only

OCS-G No.

0759
0763
1140
1971
1998
2831
3264
3265
3410
4781

REST AVAILABLE COPY

Pipeline Rights-of-Way

OCS-G No.

13525
18826
20565
20566
20588