

18798

JAN 15 1999

In Reply Refer To: MS 5232

Mr. Jim Gregory
Duke Energy Field Services, Inc.
3200 Wilcrest, Suite 200
Houston, Texas 77042-6017

Dear Mr. Gregory:

In accordance with 30 CFR 250.1008(b), your letter dated October 20, 1998, transmitted a pipeline construction report for the following right-of-way pipeline:

<u>Pipeline Segment No.</u>	<u>Size (inches)</u>	<u>Length (feet)</u>	<u>Service</u>	<u>From</u>	<u>To</u>
11473 (Right-of-Way OCS-G 18798)	12	27,259	Gas	Platform D Block 23 South Pelto Area Lease OCS-G 1238	A 30-inch SSTI Block 73 South Timbalier Area An Unleased Block Segment No. 9958 Right-of-Way OCS-G 1693

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>
11473	2,150	8	1,200	Receiving pipeline

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 15.16 miles.

Sincerely,

(Cpl. Sgd.) J. R. Hennessey

Donald C. Howard
Regional Supervisor
Field Operations

bcc: 1502-01 Segment No. 11473, ROW OCS-G 18798 (MS 5232)
/ 1502-01 ROW OCS-G 18798 (Microfilm) (MS 5033)
MS 5232 Carto

JG Guidry: amm: 1/14/99: Duke. 473



An employee-owned company

Disk
TO
Cario

Microfilm

October 20, 1998

Mr. Alex Alvarado
MS 5232
Field Operations
Minerals Management Service
Department of the Interior
Gulf of Mexico OCS Region
1201 Elmwood Park Boulevard
New Orleans, Louisiana 70123-2394



**RE: CONSTRUCTION COMPLETION REPORT
PIPELINE SEGMENT NO. 11473 (OCS-G 18798)**

Dear Mr. Alvarado:

Duke Energy Field Services, Inc. (DEFSI) has contracted PBS&J to obtain environmental clearances for the subject project. As indicated in your letter of August 17, 1998 and required under the conditions of authorization dated July 10, 1997, for Pipeline Segment No. 11473 (OCS-G 18798), DEFSI submits the following information.

Please find enclosed "as built" data for the above referenced 12-inch natural gas pipeline segment constructed in 1997. The project was constructed from Platform D in Block 23, South Pelto Area to a 30-inch SSTI in Block 73, South Timbalier Area (a distance of 27, 441 feet).

Three copies of the sealed as-builts are enclosed for the project file as well as the electronic copy of the pipeline coordinates. Also enclosed are the dead weight reading tables and pressure charts from the hydrostatic test.

If you have any questions or require additional information, please contact me at your convenience.

Sincerely,
PBS&J

Jim Gregory
Project Manager

C: Jerry R. Henry – Duke Energy
Joe Giachino – Duke Energy



United States Department of the Interior

MINERALS MANAGEMENT SERVICE

Gulf of Mexico OCS Region
1201 Elmwood Park Boulevard
New Orleans, Louisiana 70123-2394

In Reply Refer To: MS 5232

AUG 17 1998

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. M. J. Bradley
PanEnergy Field Services, Inc.
Post Office Box 1642
Houston, Texas 77251-1642

BEST AVAILABLE COPY

Dear Mr. Bradley:

The pipeline listed below was permitted for construction by PanEnergy Field Services, Inc. This office has not received proof of construction documentation for this pipeline. Please advise this office as to the status of the following pipeline within 30 days upon receipt hereof:

<u>Pipeline Segment No.</u>	<u>Approval Date</u>	<u>Size (inches)</u>	<u>Length (feet)</u>	<u>Service</u>	<u>From</u>	<u>To</u>
11473 (OCS-G 18798)	7/10/97	12	27,441	Gas	Platform D Block 23 South Pelto Area	A 30-inch SSTI Block 73 South Timbalier Area

If this pipeline has been constructed, you are reminded of 30 CFR 250.158(b) which requires the lessee or right-of-way holder to submit a detailed report within 90 days after completion of any pipeline construction. Your adherence to this regulation is expected.

Should you have any questions concerning this matter, please contact Mr. Alex Alvarado at (504) 736-2547.

Sincerely,

Alex Alvarado

for Donald C. Howard
Regional Supervisor
Field Operations

C165 3/8/93
AVAILABLE ELECTRONICALLY

HYDROSTATIC TEST REPORT

PEPL TETCO TGC Other Duke Energy

Date 12-7-97

ALL BLANKS MUST BE COMPLETED

Division Lake Charles

Area Horma Test Report No. _____ W.O.# _____

County/Parish N/A State Off Shore LA. Start 2220 AM PM

Well Name Duke Energy 12" pipe line Finish 0630 AM PM

Line No. Unknown Length 5.18 Miles Weather Conditions Cool & windy

Valve Section N/A to N/A Ground Temp. N/A °F

Station SP 23 D to Trunkline Subsea 30" Ambient Temp. High 51 °F Low 49 °F

Source of Fill Water: Filtered Sea water Dead Weight Location Off shore platform

Pressure Test Equipment Furnished By Torch INC Dead Weight Serial Number _____

Pump Serial No. Unknown (Built By Torch) Dead Weight Certification Date _____

Pump Mfr. Unknown ("") Dead Weight Certification Attached

Gallons/Stroke Unknown ("") Dead Weight Tester Certification Attached

Transmission Containment Sketch Attached

Pipe & Fittings

Dated _____ Signed By _____

QUANTITY	O.D. (IN.)	W.T. (IN.)	PRESSURE AT Y.P.	SPEC. MIN YIELD	SEAM	P.O.#	YEAR MANUF.	NEW OR REUSED	MANUFACTURER
<u>Needles/w/ps</u>	<u>10,000 PSI</u>								
<u>Test Hose</u>	<u>10,000 PSI</u>								
<u>Auto clamp Fittings</u>	<u>various size</u>								

Other Components: Valves, GWP _____
 Flanges, GWP _____

BEST AVAILABLE COPY

Elevation Data:
Dead Weight 50-60 Ft.
High Point _____ Ft. Low Point _____ Ft.
U.S. End _____ Ft. D.S. End _____ Ft.

Maximum Test Pressures:
Desired Test Pressure 2145-2160 Dead Weight 5000 psi
High Point 2156 psi Low Point 2150 psi
U.S. End 2150 psi D.S. End _____ psi

Test Failure: (Attach Pressure and Temperature Charts)

BREAK NUMBER	STATION	ELEVATION	PRESSURE	REMARKS

Leakage Rate: None

Initial Check: _____ psi/Min. @ _____ psi DW _____ Gal/Hour From _____ AM to _____ PM
Final Check: _____ psi/Min. @ _____ psi DW _____ Gal/Hour From _____ AM to _____ PM

NOTE: Attach sketch or drawing for other than Pipelines (i.e. plant, measuring station piping, fabrications and vendor tests).

Test Explanation/Remarks: _____

* Water Samples, Water Analysis, and Water Conditioning shall be performed to comply with applicable EPA and State Regulations on discharging water.

Prepared by: (check one) ENGINEERING
 TRANSMISSION

Test Supervisor [Signature]
Engineer _____

TORCH INC.

1808 Engineers Road • Belle Chasse, LA. 70037 • (504) 392-3222

DEADWEIGHT PRESSURE LOG

COMPANY: Duke Energy
 PROJECT: _____ TESTED BY: Lyle Kaskie
 TEST SECTION: 23 D TO Sub Sea Tie in 27,343' x 12"
 DEADWEIGHT GAUGE: MFG 50-De-Rental SERIAL NO.: Manual
 DATE CALIBRATED: 11-26-97 DATE: 12-6 to 12-7-97

BEST AVAILABLE COPY

TIME/ RECORDED BY	PRESSURE (PSIG)	PIPE TEMP (°F)	AMBIENT TEMP (°F)	REMARKS
2050	1795	60	51	
2105	1795	60	51	
2120	1795	55	51	
2135	1795	54	51	
2150	1795	53	51	
2155	—	—	—	Pressurizing line to test pressure 2160 psi.
2220	2156	58	51	
2235	2156	58	51	
2250	2156	57	51	
2305	2155	55	51	
2320	2155	54	51	
2335	2155	53	51	
2350	2154	52	51	
0005	2153	51	51	
0020	2152	51	51	
0035	2152	51	50	
0050	2152	49	51	
0105	2152	49	51	
0120	2152	48	51	
0135	2152	48	51	

REMARKS: Pressurized pipe to 1795psi held for 1hr. per company
man Terry Reeves, Then pressurized to test pressure 2160psi

Attach completed record to the hydrotest report.

TORCH



INC.

1808 Engineers Road • Belle Chasse, LA. 70037 • (504) 392-3222

DEADWEIGHT PRESSURE LOG

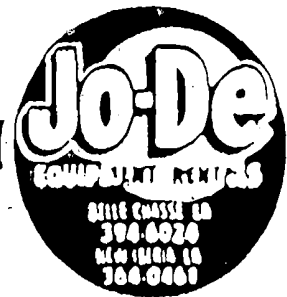
COMPANY: Duke Energy
 PROJECT: _____ TESTED BY: Lyle Kaskie
 TEST SECTION: 230 to Sub sea Tie in 27,343' x 12"
 DEADWEIGHT GAUGE: MFG Jo-De-Rental SERIAL NO.: 2822
 DATE CALIBRATED: 11-26-97 DATE: 12-6 to 12-7-97

BEST AVAILABLE COPY

TIME/ RECORDED BY	PRESSURE (PSIG)	PIPE TEMP (°F)	AMBIENT TEMP (°F)	REMARKS
0150	2151	48	51	
0205	2151	48	51	
0220	2151	48	51	
0235	2151	48	51	
0250	2151	48	51	
0305	2151	48	49	
0320	2151	48	49	
0335	2151	48	49	
0350	2151	48	49	
0405	2151	48	49	
0420	2150	48	49	
0435	2150	48	49	
0450	2150	48	49	
0505	2150	48	49	
0520	2150	48	49	
0535	2150	48	49	
0550	2150	48	49	
0605	2150	48	49	
0620	2150	48	49	
0635	2150	48	49	

REMARKS: All times Recorded by Lyle Kaskie

Attach completed record to the hydrotest report.



Jo-De Equipment Rental Company, Inc.

1111 ENG MEERS ROAD

BEST AVAILABLE COPY

BELLE CHASSE LOUISIANA 70017
PHONE (504) 394-4024

CALIBRATION CERTIFICATE

Manufacturer Jo-De rental Type of Instrument recorder

Model Number _____ Serial Number 2822 Range 0-150 TEMP.

Date of Calibration 11-26-97 Inspector David Rogers

CALIBRATION DAVID ROGERS

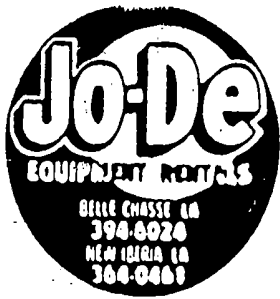
INCREASING PRESSURE/TEMPERATURE			DECREASING PRESSURE/TEMPERATURE		
APPLIED	INDICATED		APPLIED	INDICATED	
33	33		150'	150'	
50'	50'		125'	125'	
75'	75'		100'	100'	
100'	100'		75'	75'	
125'	125'		50'	50'	
150'	150'		33'	33'	

THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED DEVICE HAS BEEN INSPECTED AND TESTED AGAINST THE FOLLOWING STANDARD:

PRESSURE VTX 802-0084 SN:2790 NIST REFERENCE P-7819

TEMPERATURE 600-2830 SN:531686 NIST REFERENCE 237489/237840

TESTING WAS CONDUCTED WITH THE DEVICE IN THE () VERTICAL POSITION
() HORIZONTAL POSITION



Jo-De Equipment Rental Company, Inc.

1111 ENGINEERS ROAD
BELLE CHASSE, LOUISIANA 70017
PHONE: (504) 394-6024

BEST AVAILABLE COPY

CALIBRATION CERTIFICATE

Manufacturer Jo-De rental Type of Instrument recorder

Model Number _____ Serial Number 2822 Range 0-5000 psi

Date of Calibration 11.26.97 Inspector David Rogers

CALIBRATION David Rogers

INCREASING PRESSURE/TEMPERATURE			DECREASING PRESSURE/TEMPERATURE		
APPLIED	INDICATED		APPLIED	INDICATED	
0	0		5000	5000	
1250	1250		3750	3750	
2500	2500		2500	2500	
3750	3750		1250	1250	
5000	5000		0	0	

THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED DEVICE HAS BEEN INSPECTED AND TESTED AGAINST THE FOLLOWING STANDARD:

PRESSURE VTX 802-0084 SN:2790 NIST REFERENCE P-7819

TEMPERATURE 600-2830 SN:631686 NIST REFERENCE 237489/237840

TESTING WAS CONDUCTED WITH THE DEVICE IN THE () VERTICAL POSITION
() HORIZONTAL POSITION



1111 ENGINEERS ROAD
BELLE CHASSE LOUISIANA 70017
PHONE: (504) 314-1014

BEST AVAILABLE COPY

CALIBRATION CERTIFICATE

Manufacturer Jo-De rental Type of Instrument recorder

Model Number _____ Serial Number 2822 Range 20,000 ps

Date of Calibration 11-26-97 Inspector David J. Rogers

CALIBRATION

David Rogers

INCREASING PRESSURE/TEMPERATURE			DECREASING PRESSURE/TEMPERATURE		
APPLIED	INDICATED		APPLIED	INDICATED	
0	0		20,000	20,000	
5000	5000		15,000	15,000	
10,000	10,000		10,000	10,000	
15,000	15,000		5000	5000	
20,000	20,000		0	0	

THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED DEVICE HAS BEEN INSPECTED AND TESTED AGAINST THE FOLLOWING STANDARD:

PRESSURE VTX 802-0084 SN:2790 NIST REFERENCE P-7819

TEMPERATURE 600-2830 SN:631686 NIST REFERENCE 237489/237840

TESTING WAS CONDUCTED WITH THE DEVICE IN THE () VERTICAL POSITION
() HORIZONTAL POSITION

BEST AVAILABLE COPY
2 P.M.

1 P.M.

11

9 A.M.

9 A.M.

9 A.M.

2 A.M.

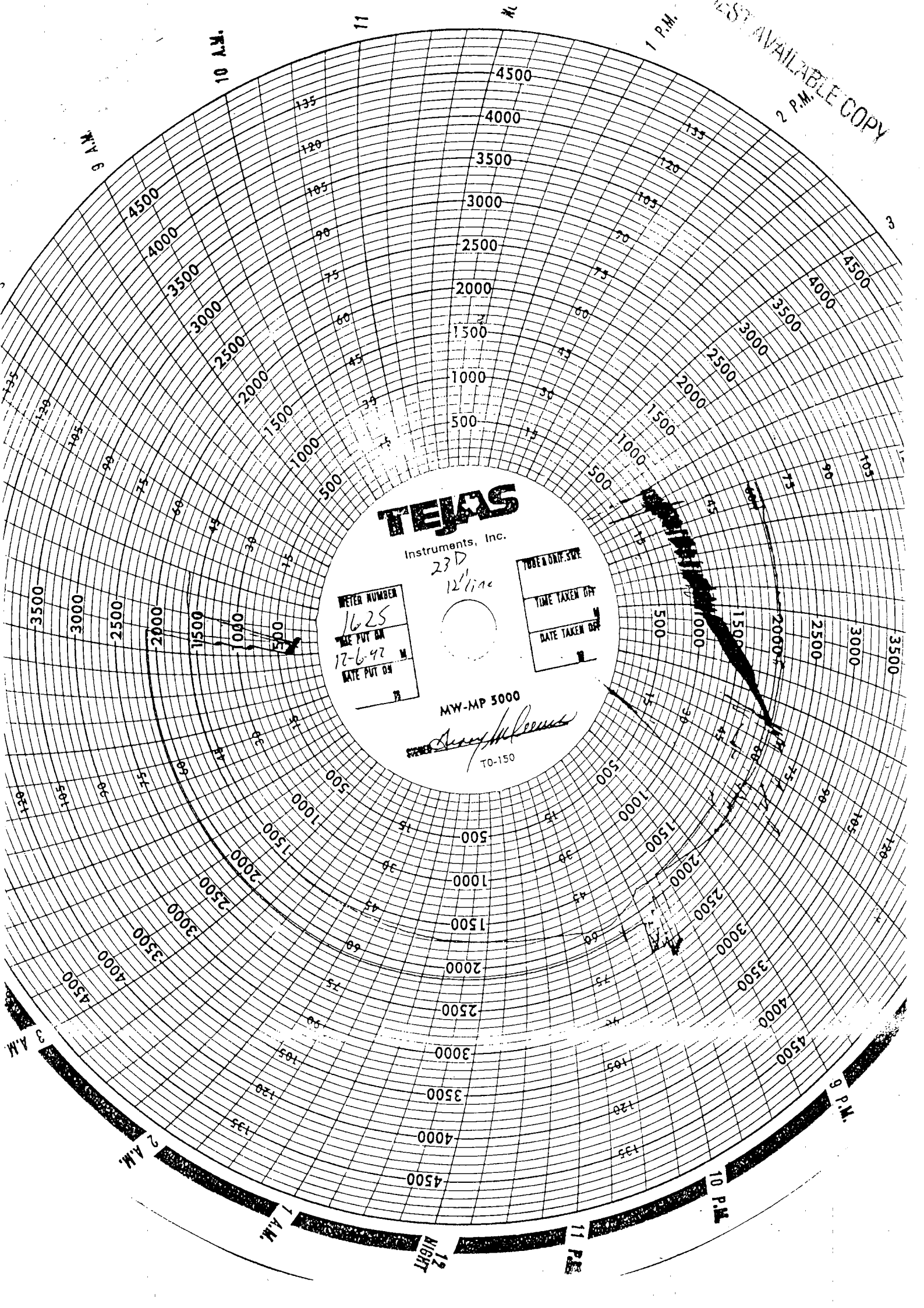
1 A.M.

12 NIGHT

11 P.M.

10 P.M.

9 P.M.



TEJAS

Instruments, Inc.

23D
12" line

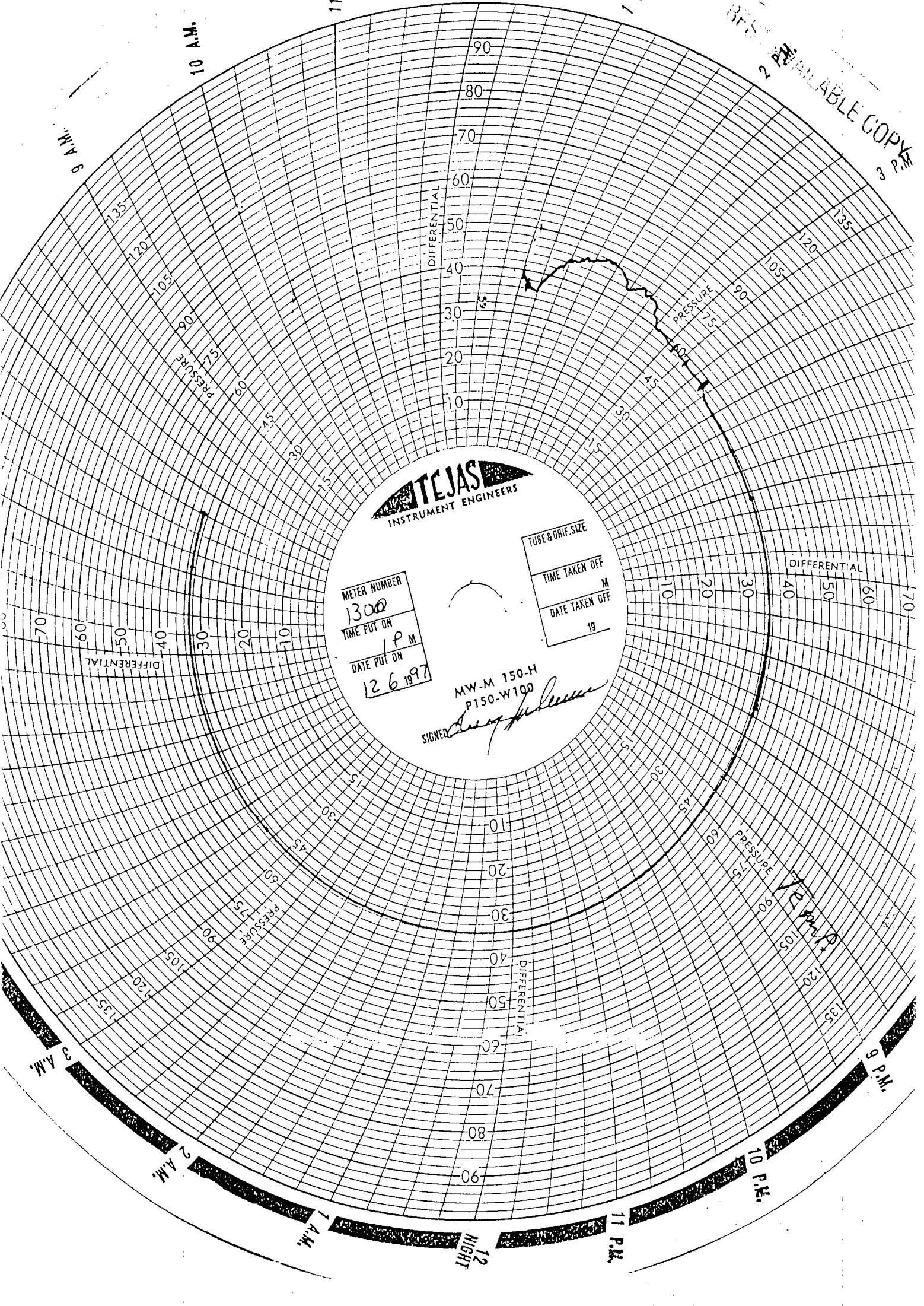
METER NUMBER	1625
DATE PUT ON	12-6-42
DATE PUT ON	M

TUBE & ORIF. SIZE	
TIME TAKEN OFF	
DATE TAKEN OFF	

MW-MP 5000

James H. Brown
TO-150

UNAVAILABLE COPY
3 P.M.



TEJAS
INSTRUMENT ENGINEERS

METER NUMBER
1300
TIME PUT ON
1 P.M.
DATE PUT ON
12 6 1997

TUBE & ORIF. SIZE
TIME TAKEN OFF
M
DATE TAKEN OFF
19

MW-M 150-H
P150-W100
SIGNED *[Signature]*

9 A.M.

10 A.M.

11

1 P.M.

9 A.M.

2 A.M.

1 A.M.

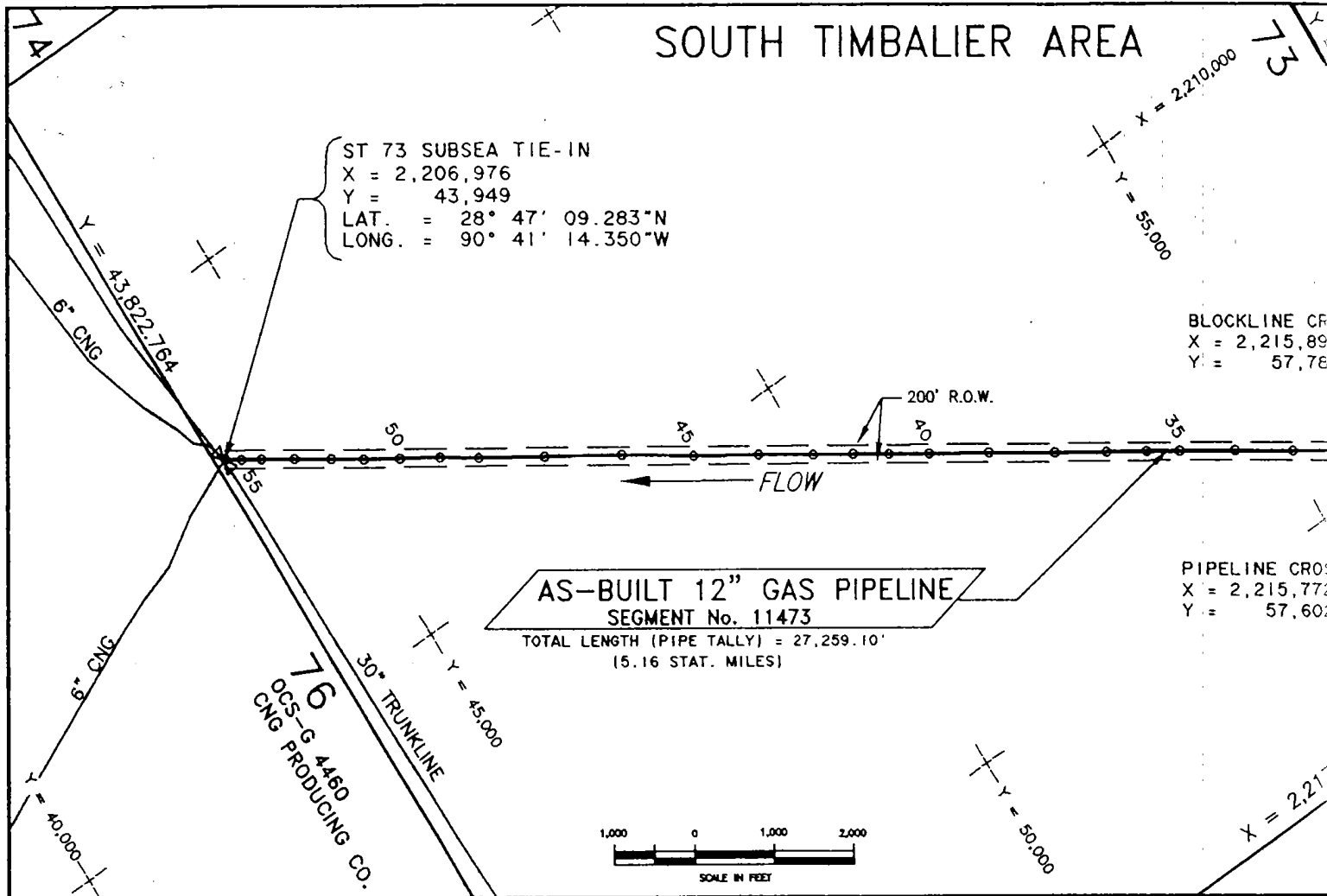
12 NIGHT

11 P.M.

10 P.M.

9 P.M.

SOUTH TIMBALIER AREA



ST 73 SUBSEA TIE-IN
 X = 2,206,976
 Y = 43,949
 LAT. = 28° 47' 09.283"N
 LONG. = 90° 41' 14.350"W

BLOCKLINE CROSSING
 X = 2,215,89
 Y = 57,78

AS-BUILT 12" GAS PIPELINE
SEGMENT No. 11473
 TOTAL LENGTH (PIPE TALLY) = 27,259.10'
 (5.16 STAT. MILES)

PIPELINE CROSSING
 X = 2,215,772
 Y = 57,602



AS-BUILT 12" GAS PIPELINE FROM PL 23 'D' RISER TO ST 73 SUBSEA TIE-IN

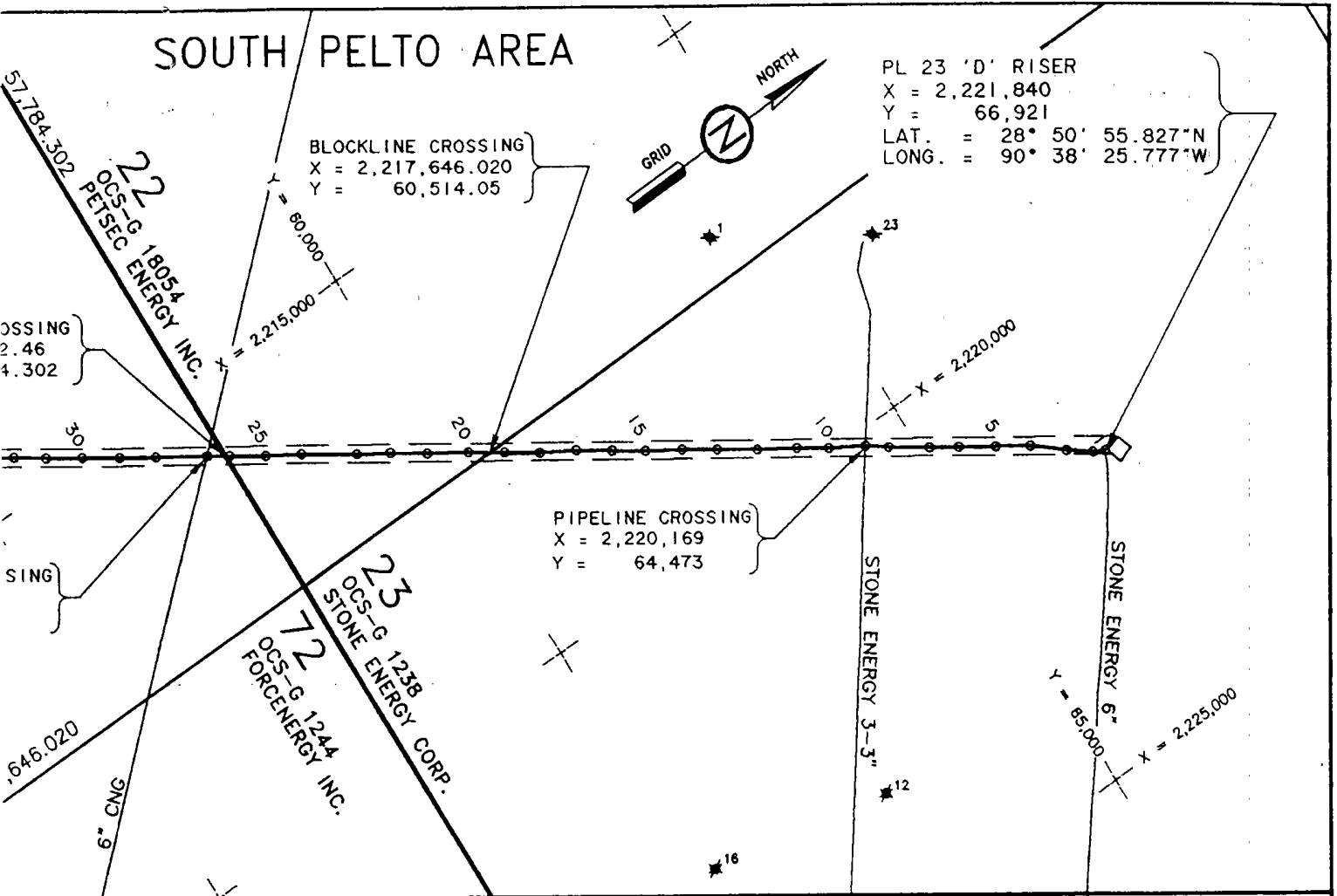
NO.	X-COORD.	Y-COORD.	NO.	X-COORD.	Y-COORD.
1	2,221,840	66,921	29	2,215,201	56,710
2	2,221,766	66,780	30	2,214,950	56,328
3	2,221,570	66,515	31	2,214,710	55,952
4	2,221,282	66,169	32	2,214,489	55,628
5	2,221,052	65,802	33	2,214,142	55,080
6	2,220,809	65,422	34	2,213,746	54,480
7	2,220,617	65,122	35	2,213,383	53,906
8	2,220,337	64,703	36	2,213,165	53,568
9	2,220,169	64,473	37	2,212,896	53,145
10	2,219,939	64,078	38	2,212,551	52,605
11	2,219,717	63,741	39	2,212,108	51,927
12	2,219,458	63,315	40	2,211,710	51,297
13	2,219,178	62,897	41	2,211,438	50,874
14	2,218,937	62,531	42	2,211,191	50,497
15	2,218,696	62,136	43	2,210,925	50,075
16	2,218,461	61,784	44	2,210,545	49,498
17	2,218,209	61,411	45	2,210,107	48,804
18	2,217,987	61,022	46	2,209,609	48,065
19	2,217,748	60,666	47	2,209,108	47,260
20	2,217,497	60,292	48	2,208,676	46,577
21	2,217,236	59,867	49	2,208,404	46,174
22	2,216,981	59,495	50	2,208,149	45,761
23	2,216,769	59,144	51	2,207,914	45,385
24	2,216,393	58,576	52	2,207,690	45,052
25	2,216,167	58,200	53	2,207,437	44,669
26	2,215,922	57,829	54	2,207,214	44,317
27	2,215,772	57,602	55	2,207,086	44,113
28	2,215,439	57,083	56	2,206,976	43,949

BEST AVAILABLE COPY

TOTAL LENGTH (PIPE TALLY) = 27,259.10'

ST 73 Subsea Tie-in

SOUTH PELTO AREA



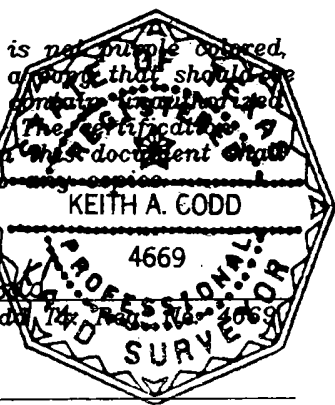
- NOTES:
- 1) Coordinates for ST 73 Subsea Tie-in taken from permit drawings and surveyed by others. Verified this survey.
 - 2) Depth of cover is a minimum of 5' for 500' out from PL 23 'D' riser; 3' minimum cover for the remainder. Depth of cover information provided by others.

I hereby certify that this plat has been prepared following generally accepted professional standards for offshore surveys, and represents the horizontal position of the pipeline.

BEST AVAILABLE COPY

If this seal is not properly colored, the plan is assumed to be altered. The seal is assumed to be altered. The seal is assumed to be altered.

Keith A. Godd
1/8/98
Date



PanEnergy Field Services, Inc.

AS-BUILT 12" GAS PIPELINE

SEGMENT No. 11473
PL 23 'D' PLATFORM TO
ST 73 SUBSEA TIE-IN
SOUTH PELTO AND
SOUTH TIMBALIER AREAS

DATUM: NAD 27
SPHEROID: CLARKE 1866
PROJECTION: LAMBERT
ZONE: LOUISIANA SOUTH
GRID UNITS: U.S. SURVEY FEET

Prepared for:
TORCH, INC.

KC OFFSHORE, L.L.C.
AN EMBREX COMPANY
36499 PERKINS RD., PRAIRIEVILLE, LOUISIANA 70769

DRN. OLA	PREP. KAC	CAL. KAC	APP. KAC	FILE NO. 24-7-321
CHK. KAC	CHK.	CHK.	DATE 1/1/98	FIG. NO.



United States Department of the Interior

MINERALS MANAGEMENT SERVICE

Gulf of Mexico OCS Region
1201 Elmwood Park Boulevard
New Orleans, Louisiana 70123-2394

G18798

In Reply Refer To: MS 5421
GOM Company Number 2167

July 16, 1998

ACTION

Duke Energy Field Services, Inc.

Right-of-way

CHANGE OF NAME RECOGNIZED

On July 16, 1998, there was filed in this office for approval evidence of change of name from PanEnergy Field Services, Inc. to Duke Energy Field Services, Inc., effective June 24, 1997.

In view of the evidence submitted, the change of name as to the pipeline right-of-way grants listed below is recognized and the records so noted:

OCS-G NO.

14726

15008

15014

15020

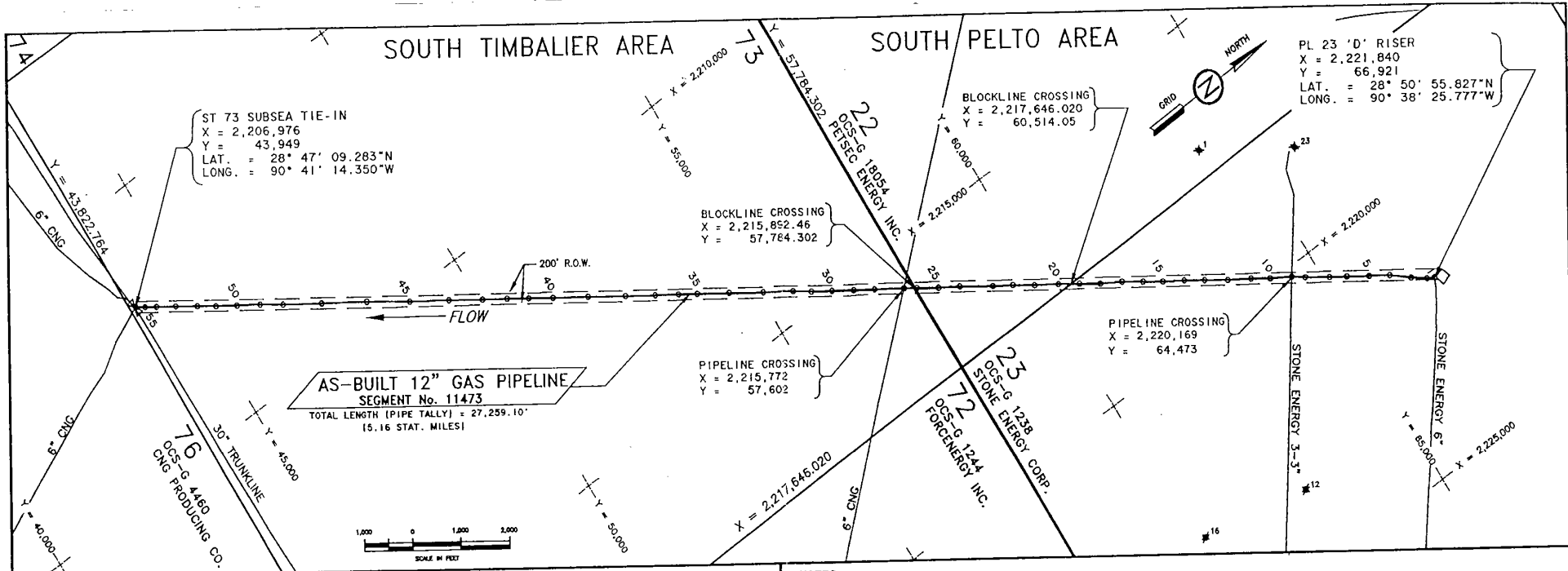
✓ 18798 ✓ PL 23 - 5573

BEST AVAILABLE COPY

Chuck Hopson
Chief
Leasing Activities Section

cc: Company File
(GOM Company Number 2167)
Case Files





AS-BUILT 12" GAS PIPELINE FROM PL 23 'D' RISER TO ST 73 SUBSEA TIE-IN

NO.	X-COORD.	Y-COORD.	NO.	X-COORD.	Y-COORD.
1	2,221,840	66,921	29	2,215,201	56,710
2	2,221,766	66,780	30	2,214,950	56,328
3	2,221,570	66,515	31	2,214,710	55,952
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8	2,220,337	64,703	36	2,213,165	53,568
9	2,220,169	64,473	37	2,212,896	53,145
10	2,219,939	64,078	38	2,212,551	52,605
11	2,219,717	63,741	39	2,212,108	51,927
12	2,219,458	63,315	40	2,211,710	51,297
13	2,219,178	62,897	41	2,211,438	50,874
14	2,218,937	62,531	42	2,211,191	50,497
15	2,218,696	62,136	43	2,210,925	50,075
16	2,218,461	61,784	44	2,210,545	49,498
17	2,218,209	61,411	45	2,210,107	48,804
18	2,217,987	61,022	46	2,209,609	48,065
19	2,217,748	60,666	47	2,209,108	47,260
20	2,217,497	60,292	48	2,208,676	46,577
21	2,217,236	59,867	49	2,208,404	46,174
22	2,216,981	59,495	50	2,208,149	45,761
23	2,216,769	59,144	51	2,207,914	45,385
24	2,216,393	58,576	52	2,207,690	45,052
25	2,216,167	58,200	53	2,207,437	44,669
26	2,215,922	57,829	54	2,207,214	44,317
27	2,215,772	57,602	55	2,207,086	44,113
28	2,215,439	57,083	56	2,206,976	43,949

TOTAL LENGTH (PIPE TALLY) = 27,259.10'

NOTES:
 1) Coordinates for ST 73 Subsea Tie-in taken from permit drawings and surveyed by others. Verified this survey.
 2) Depth of cover is a minimum of 5' for 500' out from PL 23 'D' riser; 3' minimum cover for the remainder. Depth of cover information provided by others.

I hereby certify that this plat has been prepared following generally accepted professional standards for offshore surveys, and represents the horizontal position of the pipeline.

BEST AVAILABLE COPY

If this seal is not purple colored, the plan is a copy and should be assumed to contain unapproved alterations. No responsibility is contained on this seal and it shall not apply to any copies.
 KEITH A. CODD
 Keith A. Codd, Reg. No. 4669
 1/8/98
 Date

PanEnergy Field Services, Inc.

AS-BUILT 12" GAS PIPELINE

SEGMENT No. 11473
 PL 23 'D' PLATFORM TO
 ST 73 SUBSEA TIE-IN
 SOUTH PELTO AND
 SOUTH TIMBALIER AREAS

DATUM:	NAD 27	Prepared for:	TORCH, INC.
SPHEROID:	CLARKE 1866	KC OFFSHORE, L.L.C. AN DIRECT COMPANY	
PROJECTION:	LAMBERT		
ZONE:	LOUISIANA SOUTH	34499 PERKINS RD., PRAIRIEVILLE, LOUISIANA 70769	
GRID UNITS:	U.S. SURVEY FEET	FILE NO. 24-7-321	
DRN. DLA	PREP. KAC	CAL. KAC	APP. KAC
CHK. KAC	CHK. KAC	CHK. KAC	DATE 1/1/98
			FIG. NO.