



Contango Operators, Inc.
717 Texas Avenue, Suite 2900
Houston, TX. 77002

June 5, 2019

Bureau of Safety and Environmental Enforcement
Ms. Angie Gobert – Pipeline Unit Section Chief
1202 Elmwood Parkway Boulevard
New Orleans, LA. 70123

Re: **Post-Repair Report for 4/6" Condensate Right-of-Way Pipeline Segment 19712 (ROW OCS-G 29361)** Originating at Eugene Island Block 11 H-CMP Platform and Terminating at a Subsea Tie-in Located in Eugene Island Block 30, Offshore Louisiana, Federal Waters, Gulf of Mexico

Dear Ms. Gobert:

By letter date-stamped May 2, 2019, the Bureau of Safety and Environmental Enforcement approved Contango Operators, Inc.'s (Contango) repair request for the subject pipeline. In accordance with 30 CFR 250.1008 (e), Contango hereby submits the post-repair report for the subject pipeline.

The repair was completed in accordance with the approved procedures and was returned to service on June 1, 2019.

The following data are enclosed in support of this report:

1. Daily Reports
2. Onshore Hydrotest and Calibration
3. Offshore Leak Test and Calibration

Please contact Suzy Younger at suzy@suzyyoungerreq.com or 713-208-5588 should you have questions or require additional information.

Sincerely,

Michael Autin
Vice President Operations
Contango Operators, Inc.

MJA:SY
Enclosures

Repair report hereby accepted.

Date: 6/11/2019

(for) Bryan A. Domangue
Acting Regional Supervisor
Bureau of Safety and Environmental Enforcement

DAILY REPORTS

Cory Whidden Office: 713-574-8855 Cell: 316-920-2348 Email: cory.whidden@epic-mr.com	Contango Oil & Gas EI 11-H Pipeline Repair	Report No. : 3 Work Date : Monday, May 27, 2019 Winds : 5-10 mph Seas : 1-2 ft significant height
Mike Autin Office: 713-960-0454 Cell: 832-540-7676 Email: MAutin@contango.com	 <small>CONTANGO</small> <small>DE SERVICES</small>	Submitted By : Jami Croft E-Mail: jami.croft@epic-mr.com BB90 Client Ph# (337) 210-9515

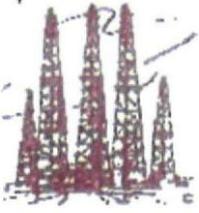
DAILY COST					
DESCRIPTION	% COMP or QTY	RATE	TODAY'S TOTAL	PREVIOUS TOTAL	COST TO DATE
Mobilization	Confidential				
Broussard Bros. Marine Equipment					
Shop Fabrication					
Materials					
EMC Divers					
Fugro					

CREW BREAKDOWN				
COMPANY	CREW SIZE	HOURS / MAN	MHRS / DAY	
Broussard Bros.	8	16	128	
Fugro	1	16	16	
EMC Divers	5	12	60	
EPIC	1	16	16	
TOTAL		15	220	
PREVIOUS TOTAL			440	
CUMULATIVE TOTAL			660	

DAILY WORK BREAKDOWN	
TIME	WORK DESCRIPTION
0600 hrs	JSA and safety meeting
0630 hrs	Transit to EI 11-H
0705 hrs	Diver in water removing old studs from horizontal flange
0743 hrs	Fabricated spool pieces assembled on deck of barge
0825 hrs	Assembled spool lowered to seabed with crane
0845 hrs	Air tigger on sump deck needs snatch block to double capacity
0900 hrs	Rigging up snatch block on sump deck to 2 part air tigger
0945 hrs	Diver in water trying to line up horizontal flange to land bolts
1120 hrs	Swap divers
1145 hrs	Diver working to line up flange
1344 hrs	Spool flanged up
1446 hrs	Diver lines up spool on existing pipeline to mark for cut
1450 hrs	Pipeline marked and cut, welders welding 4" MAF
1515 hrs	x ray good
1700 hrs	Pipeline lowered to seabed for flange up
1710 hrs	Diver installing studs and bolts in MAF, Nuts torqued to 180 ftlbs
1730 hrs	Diver torquing nuts on SWVL flange on gooseneck
1855 hrs	Coming up on test pressure
1905 hrs	Diver swims connections no leaks found/Topside Company Rep and Barge personnel perform visual obvsation during daylight hours, No sheen observed
2245 hrs	Test pressure at 250 psi
0030 hrs	Transit to EI 23 SSSA, Seas too rough to jump diver to open valve on SSSA
0045 hrs	Perssure test good

24HR WORK FORECAST	
Demobilize to BB dock	

ONSHORE HYDROTEST – SUBSEA SPOOLS



**DOWN
HOLE
PRESSURE, INC.**
INSTRUMENT RENTALS & REPAIRS

Phone (337) 837-2755
Fax (337) 837-2756
P.O. Box 497
408 S. Eola Rd.
Broussard, LA. 70518

Surface Gauges
Dead Weight Testers
Barton Recorders
Vaetrix Gauge 1
5, 10, & 20,000 PSI

Pressure

Sub Surface Gauges
Electronic & Mechanical
0-25,000 PSI Ranges
Temperature Gauges
0-450 Degrees F.

CALIBRATION CERTIFICATE

DESCRIPTION BARTON PRESSURE METER SERIAL NUMBER 242A-080503

PRESSURE RANGE 3000 ACCURACY+/- 1% FULL SERVICE +/- 30 P.S.I.

PRESSURE (PSI) ARRIVING ON CALIBRATION TABLE		
APPLIED PRESSURE	INDICATED PRESSURE	DIFFERENCE
0	0	0
600	600	0
1,200	1,200	0
1,800	1,800	0
2,400	2,400	0
3,000	3,000	0

PRESSURE (PSI) DEPARTING CALIBRATION TABLE		
APPLIED PRESSURE	INDICATED PRESSURE	DIFFERENCE
0	0	0
600	600	0
1,200	1,200	0
1,800	1,800	0
2,400	2,400	0
3,000	3,000	0

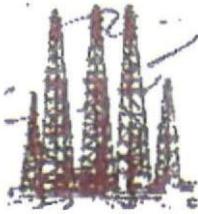
INSTRUMENT CALIBRATED IN THE VERTICAL POSITION ROOM TEMP 76 F

This instrument upon receiving on calibration table was found to be within manufacturers tolerance. **XXXXX**
This instrument upon receiving on calibration table was found to be out of manufacturers tolerance.

This is to certify that this instrument has been inspected and tested against Pressure Standard Chandler Engineering Dead Weight Tester Model # 58-200H, Serial # 16210 traceable to the National Institute of Standards and Technology, (NIST) Reference DOC # 80551, Calibrated (04/14/2019). Reference Standard Serial # XL44597.. Certified weight scale 50 lbs x .005 Doran mdl 7000XLM. The calibration meets or exceeds all ISO 9001:2015 and API Spec. Q1 requirements by using Procedure #DHP001 Rev03. Also let it be known that all calibrations are performed by qualified DHP personnel using instrumentation and methods which guarantee precise accuracy.

DATE OF CALIBRATION 04/22/19
CALIBRATION DUE DATE 10/22/19

TECHNICIAN REGGIE SAVOIE

**DOWN
HOLE
PRESSURE, INC.**
INSTRUMENT RENTALS & REPAIRS

Phone (337) 837-2755
Fax (337) 837-2756

P.O. Box 497
408 S. Eola Rd
Broussard, LA 70518

Surface Gauges
Dead Weight Testers
Barton Recorders
Vaetrix Gauge 1
5, 10, & 20,000 PSI

*Ambient
Temperature*

Sub Surface Gauges
Electronic & Mechanical
0-25,000 PSI Ranges
Temperature Gauges
0-450 Degrees F.

CALIBRATION CERTIFICATE

DESCRIPTION TEMPERATURE RECORDER SERIAL NUMBER 242A-080503
TEMP. RANGE 0 TO 150 ACCURACY +/- 1% FULL SERVICE +/- 1.5 F P.S.I.

TEMPERATURE RECEIVING ON CALIBRATION TABLE		
TEMPERATURE	TEMPERATURE	DIFFERENCE
32	32	0
60	60	0
90	90	0
120	120	0
143	143	0

TEMPERATURE LEAVING CALIBRATION TABLE		
TEMPERATURE	TEMPERATURE	DIFFERENCE
32	32	0
60	60	0
90	90	0
120	120	0
134	134	0

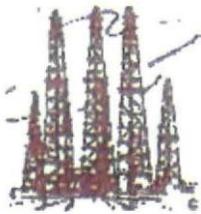
Calibrated in VERTICAL Position Instrument Room Temp. 76 F.

This instrument upon receiving on calibration table was found to be within manufacturers tolerance. XXXXXXXX
This instrument upon receiving on calibration table was found to be out of manufacturers tolerance.

This is to certify that this instrument has been inspected and tested against Digital Thermometer No. 12618020-TM99A. Calibrated (07/17/2018). Using certified Yellow-Back Thermometer 35854-003 s/n9004 NIST. Traceable to the National Institute of Standards & Technology (NIST) Reference # 94417,88024,82564,1428301 and 1470271. This calibration meets or exceeds all ANSI-NCSL-1 STD.,MIL.STD.45662A calibration procedures Also let it be known that all calibrations are performed by qualified Down Hole Pressure personnel using instrumentation and methods which guarantee precise accuracy.

DATE OF CALIBRATION 04/22/19
CALIBRATION DUE DATE 10/22/19

TECHNICIAN REGGIE SAVOIE



DOWN HOLE
PIPE
PRESSURE, INC.
INSTRUMENT RENTALS & REPAIRS

Pipe Temp

Phone (337) 837-2755
Fax (337) 837-2756

P.O. Box 497
408 S. Eola Rd.
Broussard, LA. 70518

Surface Gauges
Dead Weight Testers
Barton Recorders
Vaetrix Gauge 1
5, 10, & 20,000 PSI

Sub Surface Gauges
Electronic & Mechanical
0-25,000 PSI Ranges
Temperature Gauges
0-450 Degrees F.

CALIBRATION CERTIFICATE

DESCRIPTION TEMPERATURE RECORDER SERIAL NUMBER 262-02E4
TEMP. RANGE 0 TO 150 ACCURACY+/- 1% FULL SERVICE +/- 1.5 F P.S.I.

TEMPERATURE RECEIVING ON CALIBRATION TABLE		
TEMPERATURE	TEMPERATURE	DIFFERENCE
32	32	0
60	60	0
90	90	0
120	120	0
149	149	0

TEMPERATURE LEAVING CALIBRATION TABLE		
TEMPERATURE	TEMPERATURE	DIFFERENCE
32	32	0
60	60	0
90	90	0
120	120	0
133	133	0

Calibrated in VERTICAL Position Instrument Room Temp. 75 F.

This instrument upon receiving on calibration table was found to be within manufacturers tolerance. XXXXXXXX
This instrument upon receiving on calibration table was found to be out of manufacturers tolerance.

This is to certify that this instrument has been inspected and tested against Digital Thermometer No. 12618020-TM99A. Calibrated (07/17/2018). Using certified Yellow-Back Thermometer 35854-003 s/n9004 NIST. Traceable to the National Institute of Standards & Technology (NIST) Reference # 94417,88024,82564,1428301 and 1470271. This calibration meets or exceeds all ANSI-NCSL-1 STD.,MIL.STD.45662A calibration procedures Also let it be known that all calibrations are performed by qualified Down Hole Pressure personel using instrumentation and methods which guarantee precise accuracy.

DATE OF CALIBRATION 04/22/19
CALIBRATION DUE DATE 10/22/19

TECHNICIAN REGGIE SAVOIE




**DOWN
HOLE
PRESSURE, INC.
INSTRUMENT RENTALS & REPAIRS**

Phone (337) 837-2755
Fax (337) 837-2756

P.O. Box 497
408 S. Eola Rd.
Broussard, LA. 70518

DDW

Surface Gauges
Lead Weight Testers
Barton Recorders
Vaetrix Gauge 1
5, 10, & 20,000 PSI

Sub Surface Gauges
Electronic & Mechanical
0-25,000 PSI Ranges
Temperature Gauges
0-450 Degrees F.

CALIBRATION CERTIFICATE

DESCRIPTION VAETRIX GAUGE 2 SERIAL NUMBER 57117-2

PRESSURE RANGE 5,000 ACCURACY+/- .10 % FULL SERVICE +/- 5 P.S.I.

PRESSURE (PSI) ARRIVING ON CALIBRATION TABLE		
APPLIED PRESSURE	INDICATED PRESSURE	DIFFERENCE
0	0	0
1,000	1,000	0
2,000	2,001	1
3,000	3,002	2
4,000	3,999	-1
5,000	4,998	-2

PRESSURE (PSI) DEPARTING CALIBRATION TABLE		
APPLIED PRESSURE	INDICATED PRESSURE	DIFFERENCE
0	0	0
1,000	1,000	0
2,000	2,001	1
3,000	3,002	2
4,000	3,999	-1
5,000	4,998	-2

INSTRUMENT CALIBRATED IN THE VERTICAL POSITION ROOM TEMP 76 F

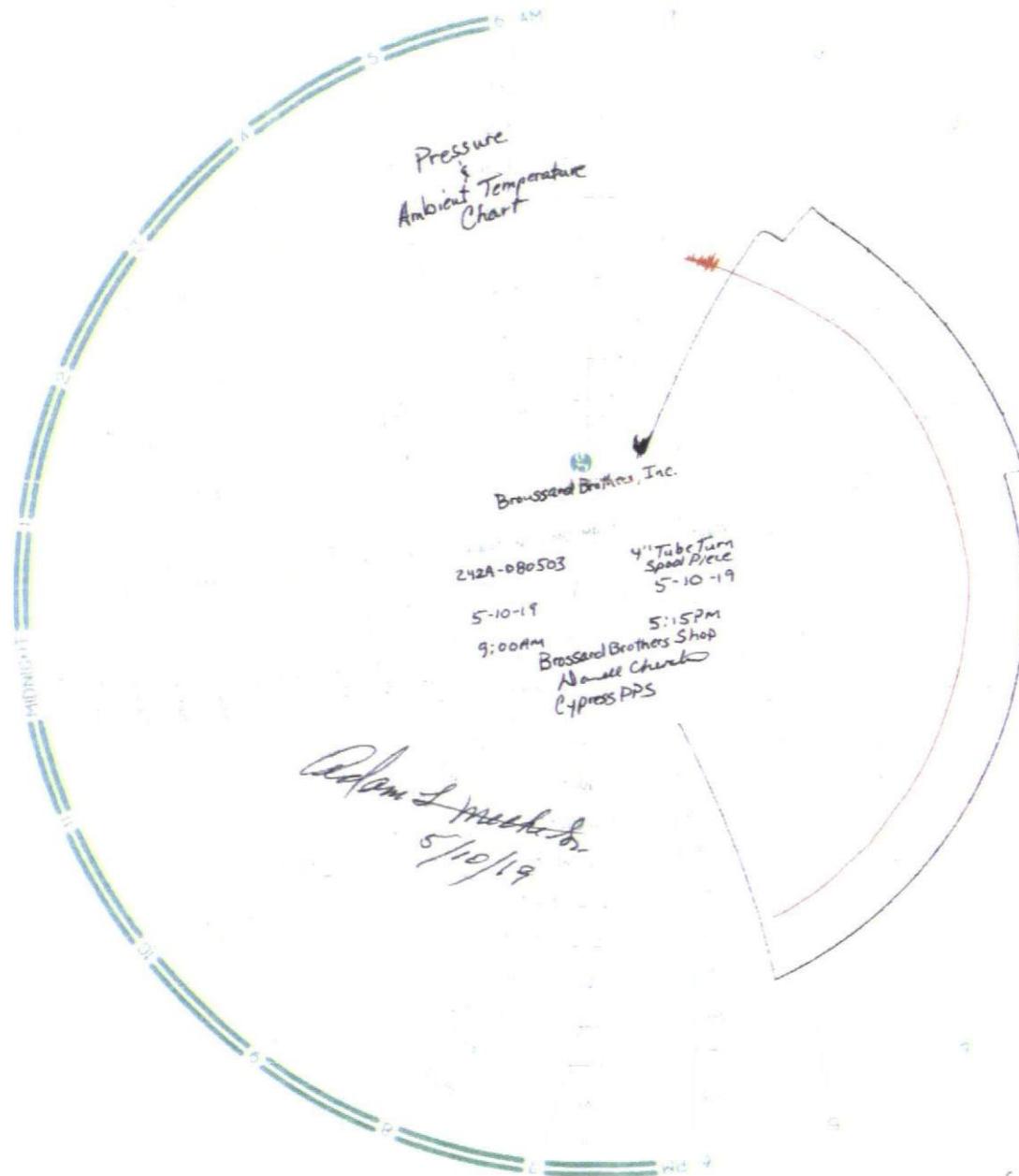
This instrument upon receiving on calibration table was found to be within manufacturers tolerance. **XXXX**
This instrument upon receiving on calibration table was found to be out of manufacturers tolerance.

This is to certify that this instrument has been inspected and tested against Pressure Standard Chandler Engineering Dead Weight Tester Model # 58-200H, Serial # 16210 traceable to the National Institute of Standards and Technology, (NIST) Reference DOC # 80551, Calibrated (04/14/2019). Reference Standard Serial # XL44597.. Certified weight scale 50 lbs x .005 Doran mdel 7000XLM. The calibration meets or exceeds all ISO 9001:2015 and API Spec. Q1 requirements by using Procedure #DHP001 Rev03. Also let it be known that all calibrations are performed by qualified DHP personnel using instrumentation and methods which guarantee precise accuracy.

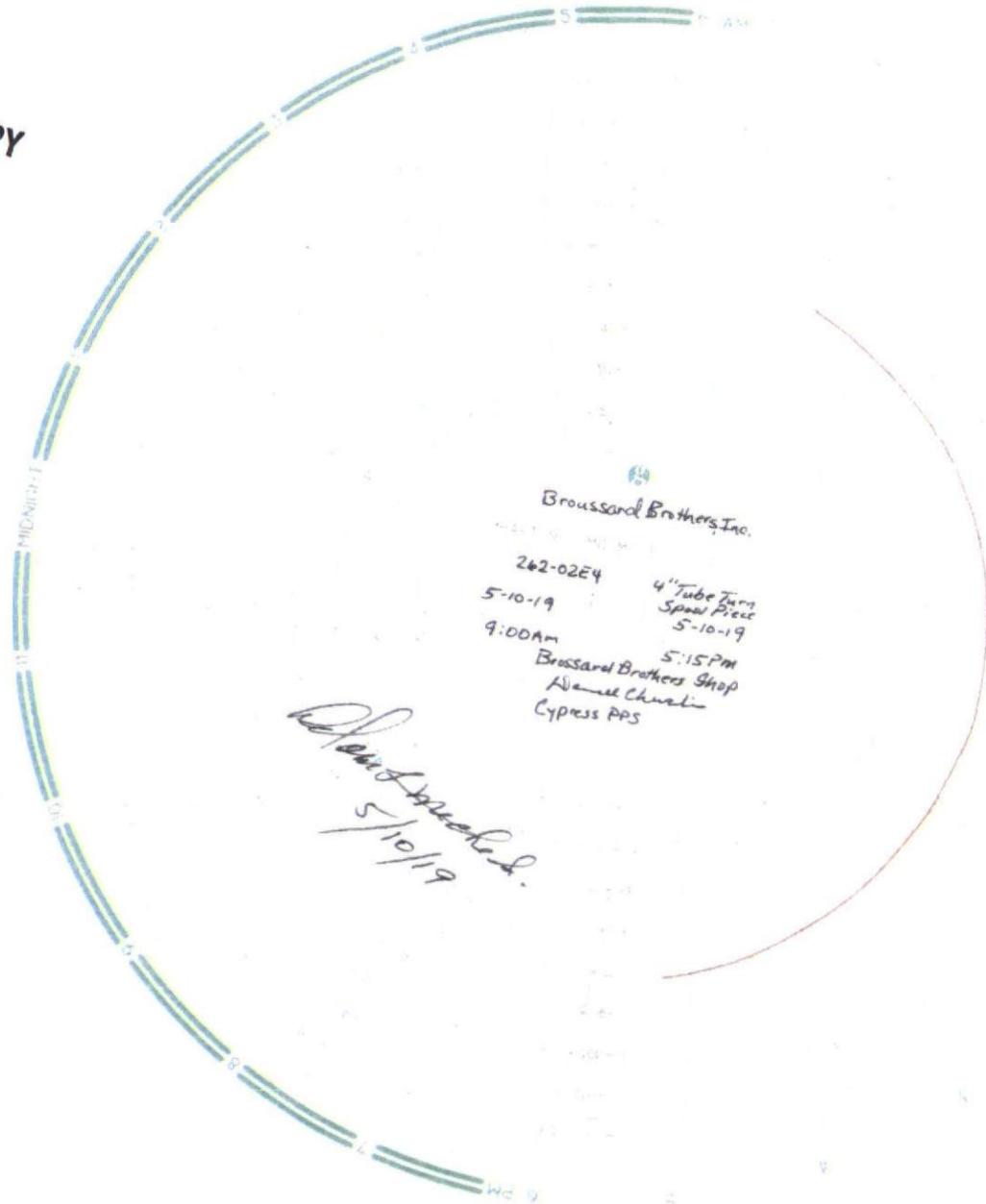
DATE OF CALIBRATION 04/22/19
CALIBRATION DUE DATE 10/22/19

TECHNICIAN REGGIE SAYOIE


BEST AVAILABLE COPY



BEST AVAILABLE COPY



Pipe Temperature
Chart

DATE: 5-10-19 ORDERED BY: Ryan Frederick
 VENDOR #: _____ PHONE #: (337) 501-8611
 CUSTOMER: Broussard Brothers, Inc. DRLG. CONT.: Production
 ADDRESS: P.O. Box 1740 PARISH/COUNTY: Vermillion
 CITY: Alexville, La 70511-1740 AFE/PO #: _____
 LEASE: _____ TIME 6:30AM TIME 6:00PM
 & DATE & DATE
 WELL #: _____ ARRIVED: 5-10-19 COMP: 5-10-19
 FIELD: ICy yard test UNIT #: 38168

Circle one and CPPS Rep. Initials

Has the Scope of Work been reviewed with and approved by the customer? (Yes) No DC

DAILY LOG

To furnish Broussard Brothers with labor and equipment to hydro test 1-4" spool piece to 1800 to 2300 PSI for 8 hours.
 6:30AM Arrived to ICy Shop, stand by on weather
 7:20AM Started rigging up equipment to 4" spool piece
 8:25AM Started pressuring up on spool piece
 8:45AM Started 8 hour holding time on 4" spool piece requested
 11:44AM Bled-down 2,100 PSI down to 1,950 PSI and continue holding hydro.
 5:15 PM 8 Hours plus holding time good and witnessed by inspector
 Started bleeding down to zero psi
 5:20 PM Completed bleeding down, started rigging down equipment.
 5:45 PM Job completed, "Thank you"

PRICE @ 8 Hour Min: \$ Equipment Spread Working	
DAY RATE:	
Days @ \$	per day \$740 ⁰⁰
EXTRA HOURS:	
Hrs. @ \$	per hr.
STAND BY CHARGES:	
Days @ \$	per day
SUPERVISOR CHARGE:	
Hrs. @ \$	per hr. \$960 ⁰⁰
TECHNICIAN CHARGE:	
Hrs. @ \$	per hr.
MILEAGE CHARGES:	
@	per mile \$736 ⁰⁰
CALIBRATION:	
EST. CHARGES:	\$2,436 ⁰⁰

Calibration Papers \$334⁰⁰
 Mob/Dembb Personnel/Equipment \$368⁰⁰
 2-R-37 Ring Gaskets Sale \$34⁰⁰

All services were performed in accordance with project specifications and all customer requirements.
 CPPS Rep. Initials: DC

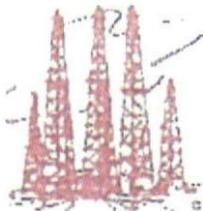
The customer assumes all responsibility for tools in his possession and for Technicians on the job and agrees to hold Cypress Pipeline and Process Services harmless for injuries to persons or property resulting therefrom.

I, the undersigned, do hereby certify that I have full authority to obtain the above listed tools, service and/or supplies and to have the same charged as above. I certify also that I have examined the above tools and found them in good serviceable condition and accept them with the understanding that a charge of regular retail price will be made for tools damaged or lost in the hole.

Darnell Chevalier UNIT OPERATOR
Roland Stelli COMPANY REPRESENTATIVE - PRINT
Roland Stelli COMPANY REPRESENTATIVE - SIGNATURE

BEST AVAILABLE COPY

OFFSHORE LEAK TEST



**DOWN
HOLE
PRESSURE, INC.**
INSTRUMENT RENTALS & REPAIRS

Phone (337) 837-2755
Fax (337) 837-2758

P.O. Box 497
408 S. Eola Rd
Broussard, LA. 70518

**Surface Gauges
Dead Weight Testers
Barton Recorders
Vaetrix Gauge 1
5, 10, & 20,000 PSI**

**Sub Surface Gauges
Electronic & Mechanical
0-25,000 PSI Ranges
Temperature Gauges
0-450 Degrees F.**

CALIBRATION CERTIFICATE

DESCRIPTION TEMPERATURE RECORDER SERIAL NUMBER 202A-139813
TEMP RANGE 0-150 F ACCURACY +/- 1% FULL SERVICE +/- 1.5 DEG F

TEMPERATURE (DEG F) ARRIVING ON CALIBRATION TABLE		
APPLIED TEMPERATURE	INDICATED TEMP	DIFFERENCE
32	32	0
60	60	0
90	90	0
120	120	0
145	145	0

TEMPERATURE (DEG F) DEPARTING CALIBRATION TABLE		
APPLIED TEMP	INDICATED TEMP	DIFFERENCE
32	32	0
60	60	0
90	90	0
120	120	0
139	139	0

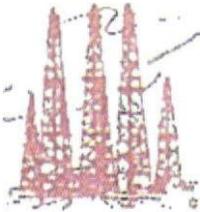
INSTRUMENT CALIBRATED IN THE VERTICAL POSITION ROOM TEMP 75 F

This instrument upon receiving on calibration table was found to be within manufacturers tolerance. **XXXX**
This instrument upon receiving on calibration table was found to be out of manufacturers tolerance.

This is to certify that this instrument has been inspected and tested against Digital Thermometer No. 12618020-TM99A. Calibrated (07/17/2018). Using certified Yellow-Back Thermometer 35854-003 s/n9004 NIST. Traceable to the National Institute of Standards & Technology (NIST) Reference # 94417,88024,82564,1428301 and 1470271. This calibration meets or exceeds all ANSI-NCSS-1 STD.,MIL.STD.45662A calibration procedures Also let it be known that all calibrations are performed by qualified Down Hole Pressure personel using instrumentation and methods which guarantee precise accuracy.

DATE OF CALIBRATION 03/14/19
CALIBRATION DUE DATE 09/14/19

TECHNICIAN REGGIE SAYDIE

**DOWN
HOLE
PRESSURE, INC.**
INSTRUMENT RENTALS & REPAIRS

Phone (337) 837-2755
Fax (337) 837-2756

P.O. Box 497
408 S. Eola Rd.
Broussard, LA. 70518

Surface Gauges
Dead Weight Testers
Barton Recorders
Vaetrix Gauge 1
5, 10, & 20,000 PSI

Sub Surface Gauges
Electronic & Mechanical
0-25,000 PSI Ranges
Temperature Gauges
0-450 Degrees F.

CALIBRATION CERTIFICATE

DESCRIPTION PRESSURE RECORDER SERIAL NUMBER 202A-139813
PRESSURE RANGE 500 ACCURACY +/- 1% FULL SERVICE +/- 5 P.S.I.

PRESSURE (PSI) ARRIVING ON CALIBRATION TABLE		
APPLIED PRESSURE	INDICATED PRESSURE	DIFFERENCE
0	0	0
100	100	0
200	200	0
300	300	0
400	400	0
500	500	0

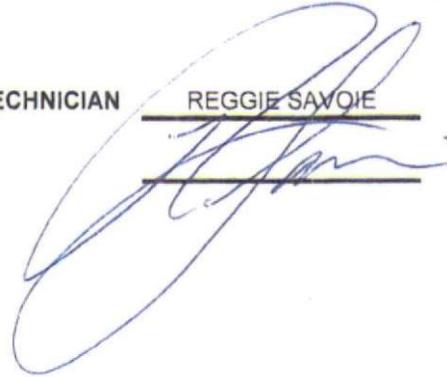
PRESSURE (PSI) DEPARTING CALIBRATION TABLE		
APPLIED PRESSURE	INDICATED PRESSURE	DIFFERENCE
0	0	0
100	100	0
200	200	0
300	300	0
400	400	0
500	500	0

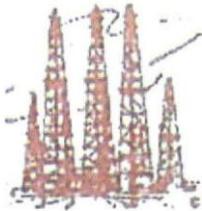
INSTRUMENT CALIBRATED IN THE VERTICAL POSITION ROOM TEMP 75 F

This instrument upon receiving on calibration table was found to be within manufacturers tolerance. **XXXXXXX**
This instrument upon receiving on calibration table was found to be out of manufacturers tolerance.

This is to certify that this instrument has been inspected and tested against Pressure Standard Chandler Engineering Dead Weight Tester Model # 58-200H, Serial # 16210 traceable to the National Institute of Standards and Technology, (NIST) Reference DOC # 69251, Calibrated (04/17/2018). Reference Standard Serial # XL44597.. Certified weight scale 50 lbs x .005 Doran mdl 7000XLM. The calibration meets or exceeds all ISO 9001:2015 and API Spec. Q1 requirements by using Procedure #DHP001 Rev03. Also let it be known that all calibrations are performed by qualified DHP personnel using instrumentation and methods which guarantee precise accuracy.

DATE OF CALIBRATION 03/14/19
CALIBRATION DUE DATE 09/14/19

TECHNICIAN REGGIE SAVOIE




**DOWN
HOLE
PRESSURE, INC.**
INSTRUMENT RENTALS & REPAIRS

Phone (337) 837-2755
Fax (337) 837-2756

P.O. Box 497
408 S. Eola Rd.
Broussard, LA. 70518

Surface Gauges
Dead Weight Testers
Barton Recorders
Vaetrix Gauge 1
5, 10, & 20,000 PSI

Sub Surface Gauges
Electronic & Mechanical
0-25,000 PSI Ranges
Temperature Gauges
0-450 Degrees F.

CALIBRATION CERTIFICATE

DESCRIPTION VAETRIX GAUGE SERIAL NUMBER 45180-1
PRESSURE RANGE 5,000 ACCURACY+/- 0.1% FULL SERVICE +/- 5 P.S.I.

PRESSURE (PSI) ARRIVING ON CALIBRATION TABLE		
APPLIED PRESSURE	INDICATED PRESSURE	DIFFERENCE
0	0	0
1,000	1,001	1
2,000	1,999	-1
3,000	3,001	1
4,000	4,001	1
4,998	5,000	2

PRESSURE (PSI) DEPARTING CALIBRATION TABLE		
APPLIED PRESSURE	INDICATED PRESSURE	DIFFERENCE
0	0	0
1,000	1,001	1
2,000	1,999	-1
3,000	3,001	1
4,000	4,001	1
4,998	5,000	2

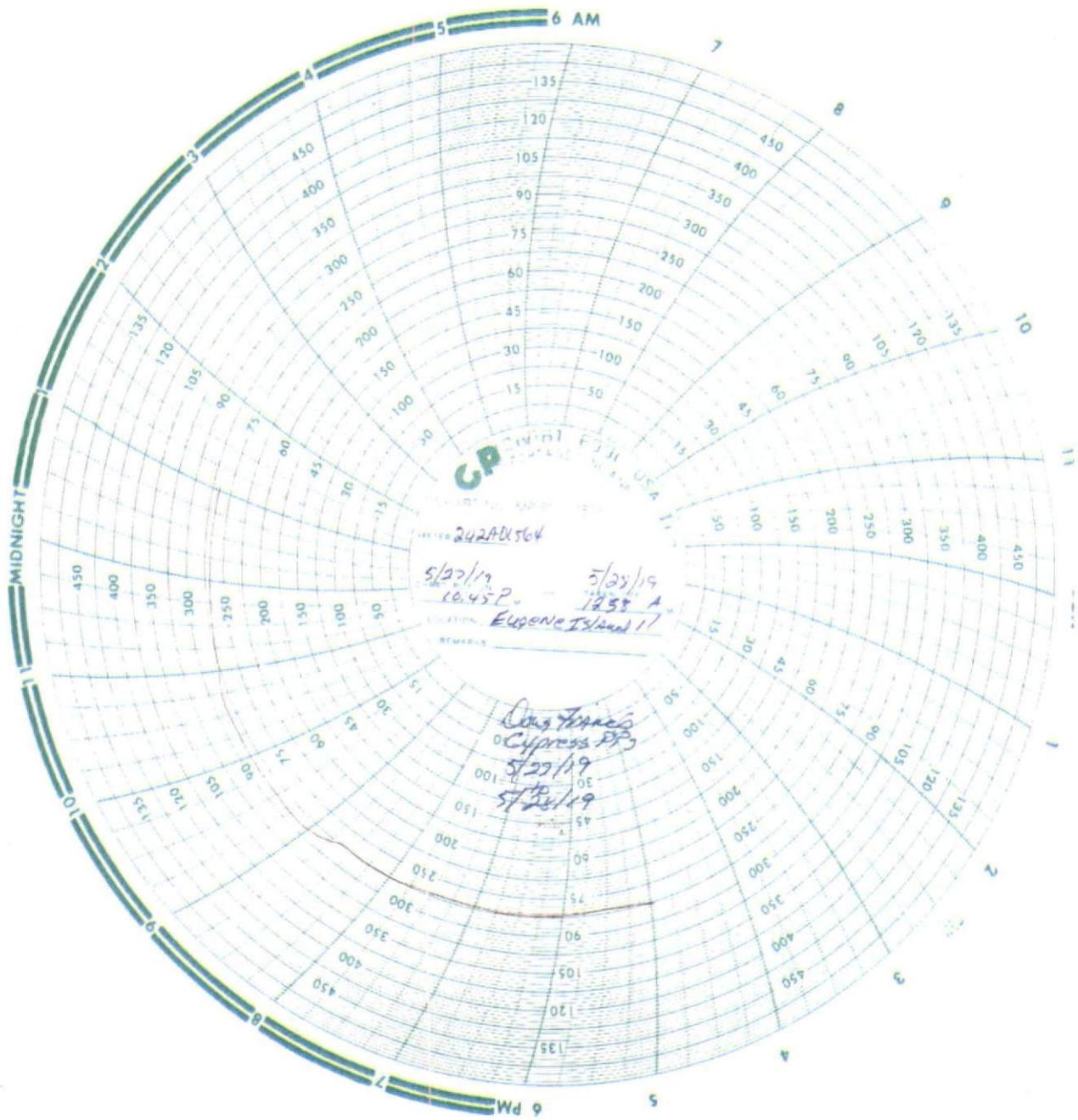
INSTRUMENT CALIBRATED IN THE VERTICAL POSITION ROOM TEMP 76 F

This instrument upon receiving on calibration table was found to be within manufacturers tolerance. **XXXXXXX**
This instrument upon receiving on calibration table was found to be out of manufacturers tolerance.

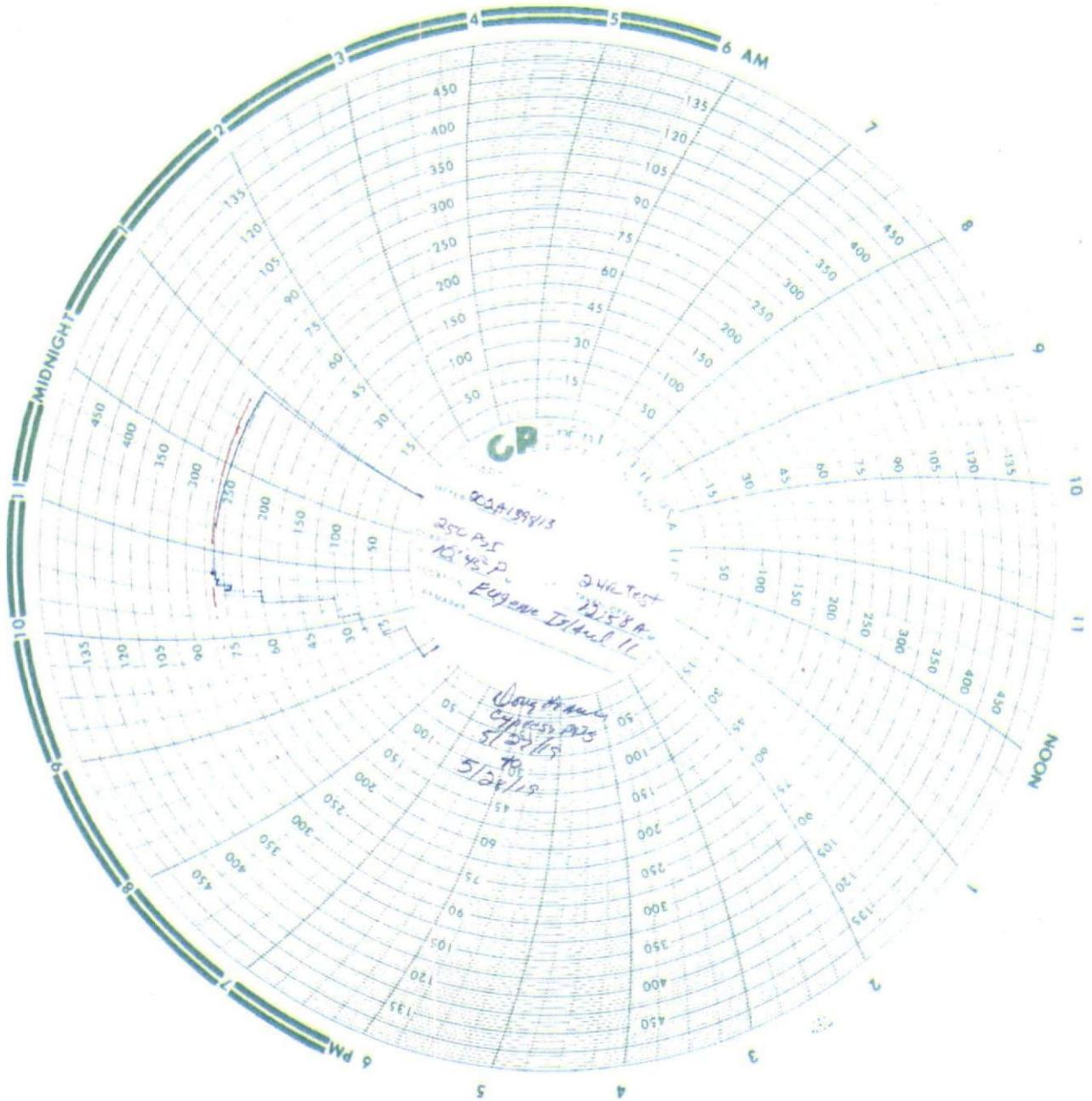
This is to certify that this instrument has been inspected and tested against Pressure Standard Chandler Engineering Dead Weight Tester Model # 58-200H, Serial # 16210 traceable to the National Institute of Standards and Technology, (NIST) Reference DOC # 80551, Calibrated (04/14/2019). Reference Standard Serial # XL44597.. Certified weight scale 50 lbs x .005 Doran mdel 7000XLM. The calibration meets or exceeds all ISO 9001:2015 and API Spec. Q1 requirements by using Procedure #DHP001 Rev03. Also let it be known that all calibrations are performed by qualified DHP personnel using instrumentation and methods which guarantee precise accuracy.

DATE OF CALIBRATION 05/21/19
CALIBRATION DUE DATE 11/21/19

TECHNICIAN REGGIE SAVOIE

BEST AVAILABLE COPY



BEST AVAILABLE COPY

