

Imperial Oil Resources – ExxonMobil Canada Ltd.

STATIC EQUIPMENT INSPECTION REPORT

Item Inspected:	BOOSTER SLUG CATCHER
Location:	PINE CREEK 6-22-57-20-W5M
ABSA #:	A-457109
CRN #:	L 9912.213
Serial #:	00-741
SAP #:	
IORL#:	PID-013
Damage Code:	
AITEC Job #:	5301-6845

	PSV PIPING	PSV
PSV #:	91	
Service Date:	08 2009	
Set Press:	635 psi	
Capacity:	1306 scfm	
Serial #:	92108	
MAWP: (Shell)	1480 psi	@ 100 °F
(Tube)		@ °

Inspection requested by: WILBUR SCHUTTE

Inspection date: AUG 14, 2009

Inspection performed by: ROGER LORENSEN

Inspector's Certification: API 510 26153 / ABSA 000212

Chief Inspector & In-Service Cert. #: *[Signature]* 038

Inspection Interval: 6 YRS

Remedial Action

- ☒ no action required
- ☐ coating/lining repairs
- ☐ coating / lining
- ☐ repair weld - S.R.
- ☐ repair weld - no S.R.
- ☐ ground out
- ☐ replaced
- ☐ monitor

Access & Coverage

- ☐ poor cleaning
- ☒ adequately cleaned
- ☐ internal inspection
- ☐ partial int. inspection
- ☒ external inspection
- ☐ NDE inspection
- ☐ internal visual + NDE
- ☐ Installation Inspection

Other

- ☒ see comments
- ☐ baffle / weir damage
- ☐ support ring damage
- ☐ flange corrosion
- ☐ burner misaligned
- ☐ bolting damage
- ☐ downcomer corrosion
- ☐ valve caps missing

Shell

- ☐ top
- ☐ bottom

- ☒ good condition
- ☐ external corrosion
- ☐ internal corrosion
- ☐ pitted - light
- ☐ pitted - severe
- ☐ scaled - light
- ☐ scaled - heavy
- ☐ blistered

Nozzles

- ☒ good condition
- ☐ internal corrosion
- ☐ cracked
- ☐ scaled
- ☐ plugged
- ☐ poor welding
- ☐ leaking

External Protection

- ☒ good condition
- ☐ fireproofing cracked
- ☐ insulation damaged
- ☐ paint deteriorated
- ☐ corrosion under insulation (CUI)

Welds

- ☒ good condition
- ☐ corroded
- ☐ cracked
- ☐ broken
- ☐ poor quality

Supports

- ☒ good condition
- ☐ distorted
- ☐ cracked
- ☐ broken
- ☐ poor installation
- ☐ bolts missing/loose

Heads

- ☐ top
- ☒ right N

- ☒ good condition
- ☐ external corrosion
- ☐ internal corrosion
- ☐ pitted - light
- ☐ pitted - severe
- ☐ scaled - light
- ☐ scaled - heavy
- ☐ blistered

Heads

- ☐ bottom
- ☒ left S

- ☒ good condition
- ☐ external corrosion
- ☐ internal corrosion
- ☐ pitted - light
- ☐ pitted - severe
- ☐ scaled - light
- ☐ scaled - heavy
- ☐ blistered

Internal Protection

- ☐ coating
- ☐ lining

- ☐ good condition
- ☐ blistered - light
- ☐ blistered - severe
- ☐ disbonded
- ☐ chipped
- ☐ holidays
- ☐ mechanical damage
- ☐ missing

Anodes

- ☐ good condition
- ☐ dirty
- ☐ consumed 20%
- ☐ consumed 50%
- ☐ consumed 80% +
- ☐ missing

## STATIC EQUIPMENT INSPECTION REPORT - Continued

### Demister Screen

N/A

- ☐ good condition
- ☐ dirty
- ☐ dislodged
- ☐ broken
- ☐ missing
- ☐ tie-downs missing

### Heating Coil

N/A

- ☐ good condition
- ☐ corrosion
- ☐ cracked
- ☐ scaled
- ☐ worn
- ☐ loose
- ☐ poor installation

### Manways

NONE

- ☐ good condition
- ☐ coating damage
- ☐ internal corrosion
- ☐ mechanical damage

### Trays

N/A

- ☐ good condition
- ☐ collapsed
- ☐ distorted (bent)
- ☐ loose
- ☐ missing
- ☐ wear
- ☐ corrosion
- ☐ poor installation

### Firetubes

N/A

- ☐ good condition
- ☐ cracked
- ☐ corrosion
- ☐ scaled
- ☐ heat impinged
- ☐ coated
- ☐ wear

### Tube Bundle

N/A

- ☐ good condition
- ☐ pitted - light
- ☐ pitted - severe
- ☐ scaled
- ☐ plugged
- ☐ damaged
- ☐ wear
- ☐ erosion

### Tubesheet

N/A

- ☐ good condition
- ☐ general corrosion
- ☐ pitted - light
- ☐ pitted - severe
- ☐ erosion
- ☐ damaged

### Channel Head

N/A

- ☐ good condition
- ☐ general corrosion
- ☐ pitted - light
- ☐ pitted - severe
- ☐ erosion
- ☐ scaled
- ☐ coated

### Refractory

N/A

- ☐ good condition
- ☐ cracked (minor)
- ☐ spalled
- ☐ missing
- ☐ damaged
- ☐ badly cracked

### Tube

N/A

- ☐ good condition
- ☐ external corrosion
- ☐ internal corrosion
- ☐ thinning
- ☐ bulged
- ☐ heat impinged
- ☐ distorted
- ☐ erosion

### Drum

- ☐ mud
- ☐ steam

N/A

- ☐ good condition
- ☐ damaged internals
- ☐ internal corrosion
- ☐ cracking
- ☐ scaling

### Floor

N/A

- ☐ external corrosion
- ☐ internal corrosion
- ☐ pitted - light
- ☐ pitted - severe
- ☐ edge settlement
- ☐ weld cracking
- ☐ sludge
- ☐ previous repairs

### COMMENTS:

#### EXTERNAL

- Located inside building bolted 4x tight to floor with Slug Catcher bolted into support
- Nameplate secure and legible
- Ground to south support noted
- Paint in good condition
- Pressure gauge rated to 600 psi and in good condition
- Sight glass fouled
- Piping appears adequately supported, PSV gusset also examined by TEAM using black / white AC MPI with no indications noted

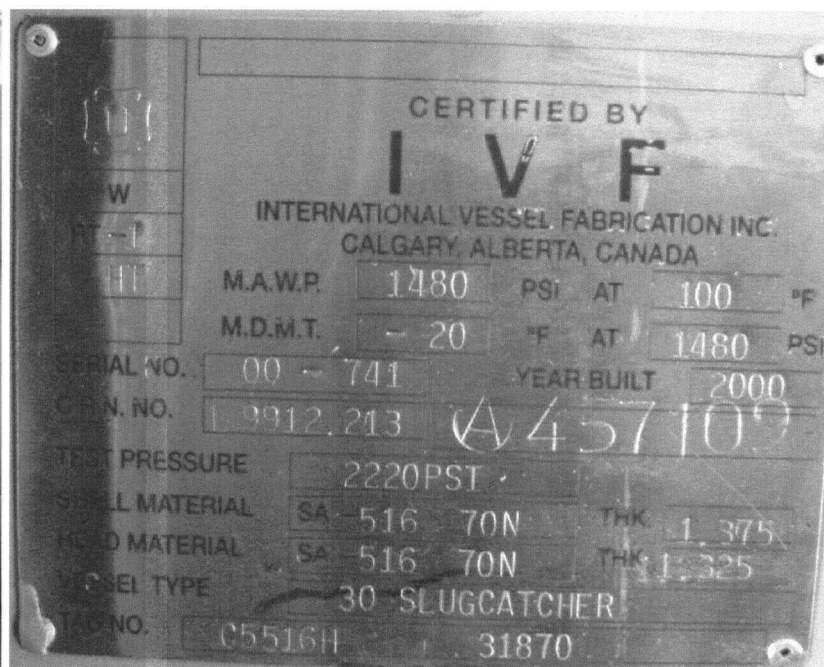
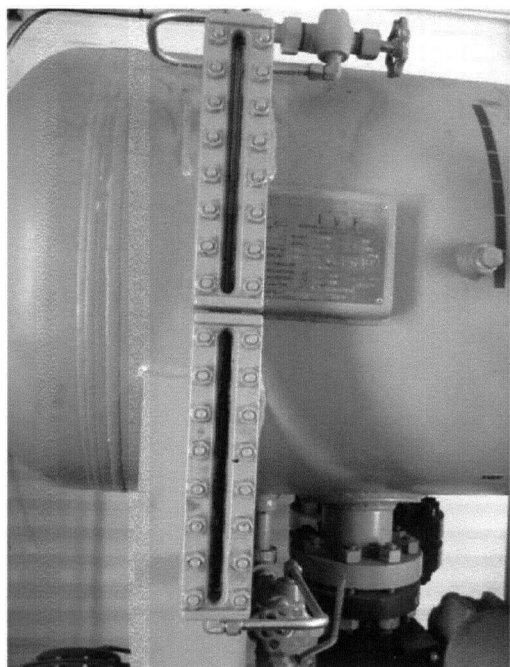
## RECOMMENDATIONS:

- Acceptable for continued service

## PICTURES:



PID-013 BOOSTER SLUG CATCHER AT TOP



FOULED SIGHT GLASS AND NAMEPLATE

## NDE EXAMINATION REPORT

**MT- 5301-6845-02-YL**

CLIENT: **Imperial Oil Resources**

INVOICE ADDRESS: **PO BOX 209 WHITCOURT AB T7S 1P5**

WORK LOCATION: **PINE CREEK COMPRESSOR STATION LSD 06-22-57-20 W5M**

STANDARD/TEAM PROCEDURE: **TEAM MT-3 / ASME V ART 7**

ACCEPTANCE STANDARD: **ASME VIII DIV 1 APP 6 / IOL SEIS**

EXAMINATION OF: **MT ON GUSSET WELDS @ STAGE 2 PSV TO 6" PIPE**

**SLUG CATCHER A# 457109 PID-013**

JOB NO.: **6845**

OFFICE CODE: **5301**

DATE: **14-Aug-09**

P.O. NO.:

W.O. NO.:

PAGE: **1** OF **1**

SURFACE: ☐ As Ground ☐ Machined ☐ Shot Blasted ☐ Base Metal ☐ Painted ☒ As Welded  
Examination Temperature \_\_\_\_\_ °C

### TEST EQUIPMENT & MATERIALS:

EQUIPMENT	SERIAL No.	TECHNIQUE		TEST MEDIUM
<input checked="" type="checkbox"/> Hand Yoke <b>FERROUS PROBE</b>	<b>12085</b>	<u>MPI</u>	<u>LPI</u>	<input checked="" type="checkbox"/> Wet <b>Ardrox 8031</b>
<input type="checkbox"/> Perm Magnet	<b>CAL 05/08/09</b>	<input checked="" type="checkbox"/> AC	<input type="checkbox"/> Water Washable	<input type="checkbox"/> Dry
<input type="checkbox"/> Coil		<input type="checkbox"/> DC	<input type="checkbox"/> Post Emulsified	<input checked="" type="checkbox"/> Colour Contrast <b>white 8901W</b>
<input type="checkbox"/> Blacklight		<input checked="" type="checkbox"/> Continuous	<input type="checkbox"/> Solvent Removable	<input type="checkbox"/> Fluorescent
<input type="checkbox"/> Alloy Analyzer		<input type="checkbox"/> Residual		<input type="checkbox"/> Penetrant Dye
<input type="checkbox"/> Hardness Tester			Dwell Time _____ min	<input type="checkbox"/> Other
<input type="checkbox"/> Other			Developer Time _____ min	MFG./TYPE/ BATCH #: <b>32060908</b>
<input type="checkbox"/> Black Light Intensity <b>&gt;1000</b> $\mu\text{W}/\text{cm}^2$				

### Purpose:

WET BLACK ON WHITE MT was carried out on:

MT ON PSV GUSSET FILLET WELDS ON 6" PIPE

ALL ACCESSIBLE BUFFED AREAS OF SLUG CATCHER A# 457109

### Results:

**NO CRACK INDICATIONS FOUND AT TIME OF EXAMINATION.**

A.M.		P.M.		TOTAL HOURS	KILOMETERS	SUBSISTENCE		CONSUMABLES
TIME IN	TIME OUT	TIME IN	TIME OUT	S.T. hrs.	---	MANDAY	OT/MEALS	---
				O.T. --- hrs.	---	---	---	---

### TECHNICIANS

Interpretation is in accordance with the above mentioned standards, to the best of my professional ability

Print: **YUN FENG LIU** CGSB/SNT Level: **II/II** Reg No.: **11980** Sign: \_\_\_\_\_  
Print: **JESSE SCHNELL** CGSB/SNT Level: **---** Reg No.: **---** Sign: \_\_\_\_\_

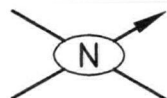
The above representation is a professional opinion, final interpretation is the responsibility of the client. I have reviewed and am in full agreement with the contents of this report.

Client Representative: (Print) \_\_\_\_\_ Sign: \_\_\_\_\_ Date: **14-Aug-09**

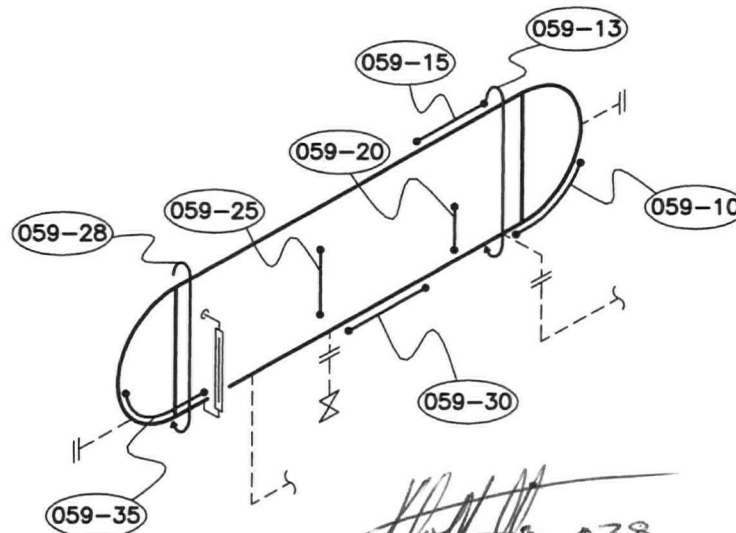
**TEAM****Industrial Services**  
Inspection Services Canada

66172227

10801042



10405644

P&ID. # \_\_\_\_\_  
REF. # \_\_\_\_\_

*[Signature]* 038  
Oct. 30/09

- CAN ONLY BE INSPECTED BY UT
- NO ISSUES
- 6 YEAR INTERVAL.

**VESSEL DATA**

P.E. No. N/S Serial No. 00-741 Prov. Reg. No. A0457109 C.R.N. L9912.213  
MFR. IVF INTERNATIONAL Code/Div. N/S Para N/S Code Stamp UW  
Yr. Bld. 2000 Yr. Inst. N/S Size 30" DIA. X 58" W/W Service N/S PWHT YES  
RT 1 Insulated NO

**Nominal Thickness & Material**

Head: 1.325" Mat'l: SA-516-70N C.A.: N/S  
Head: \_\_\_\_\_  
Shell: 1.375" SA-516-70N  
Shell: \_\_\_\_\_  
Chan Hd: \_\_\_\_\_  
Chan Sh: \_\_\_\_\_  
Boot Hd: \_\_\_\_\_  
Boot Sh: \_\_\_\_\_

MAWP Shell Side 1480PSI @ Temp. 100°F

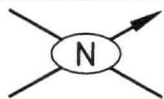
MAWP Tube Side \_\_\_\_\_ @ Temp. \_\_\_\_\_

COMMENTS: \_\_\_\_\_

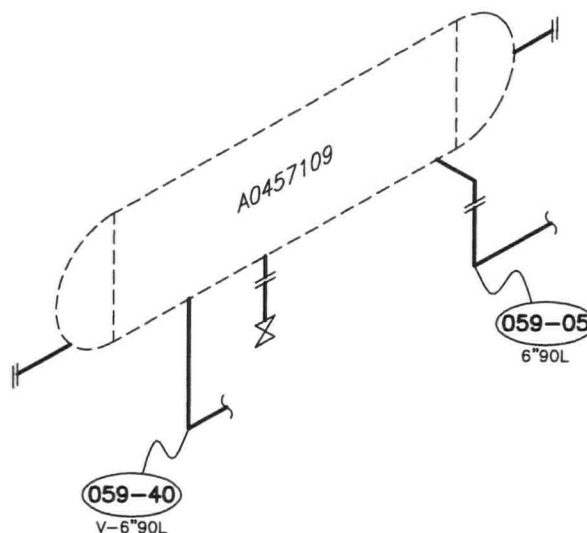
EXXON MOBIL  
PINE CREEK COMPRESSOR STATION  
LSD 06-22-057-20W5M

**SLUG CATCHER**

TECH.: <u>A.C.</u>	REV. DATE: <u>2009/08</u>	DWG DATE: <u>2003/03</u>
CAD: <u>K.D.</u>	REVISION: <u>1</u>	DRAWING: <u>059</u>



P&ID # \_\_\_\_\_  
REF. # \_\_\_\_\_



## PIPING DATA

THICKNESS MEASUREMENT LOCATION:	SIZE	PROC.	LINE #	SPEC.	SCH.	NOM.THK.	ASTM * CORR. ALLW. ** CALCULATED CORR. ALLW.	MIN.THK.	CAL.THK.	FLG. RATING
059-05	6"				80	0.432"	ASTM	0.378"		
059-40	6"				80	0.432"	N/S	0.432"		

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

EXXON MOBIL  
PINE CREEK COMPRESSOR STATION  
LSD 06-22-057-20W5M

## SLUG CATCHER PIPING

TECH.: A.C.      REV.DATE: 2009/08      DWG.DATE: 2003/03  
CAD: K.D.      REVISION: 1      DRAWING: 059A

EXXON MOBIL  
PINE CREEK COMPRESSOR STATION - (007)  
AREA #1 - (01)

TEAM Industrial Services

Item Desc.:	SLUG CATCHER		Lsd: 06-22-057-20W5M
Prov. Reg.:	A0457109	Equip. No.: -----	Ser. No.: 00-741
SKID No.		PSV No.:	Last VE Date

Description: 6"90L B-T

CML: 059-05\*\*

Nominal:	0.432	C.A. as per		C.A. L.F.L.:	0.054	Con't Service:	YES
t Min.:	--	ASTM		L.F.L.:	0.378	Insp. Intv.	6
C.A. Calc.:	--			Mths. To L.F.L.:	24	Add'l Assm't:	NO

<u>Survey Dates:</u>	2003-03	2009-08	
Reading 01:	0.444	0.394	_____
Reading 02:	0.436	0.400	_____
Reading 03:	0.436	0.409	_____
Reading 04:	0.439	0.400	_____
Reading 05:	0.432	0.398	_____
Reading 06:	0.416	0.409	_____
Reading 07:	0.428	0.409	_____
Reading 08:	0.430	0.396	_____

Data Evaluation

Lowest Reading	:	0.416	0.394
Average - Low 3	:	0.425	0.396
Thk.Rem. Above LFL	:	*0.038	**0.016
Indv. Short Term Rate (in/yr)	:		0.008
Short Term Rate (in/yr)	:		0.005
LongTerm Rate (in/yr)	:		

Comments:

2009/08 - ALL RDGS CONFIRMED. CMLS #059-13 & 059-28 ADDED.



EXXON MOBIL  
PINE CREEK COMPRESSOR STATION - (007)  
AREA #1 - (01)

TEAM Industrial Services

Item Desc.: SLUG CATCHER	Lsd: 06-22-057-20W5M
Prov. Reg.: A0457109	Equip. No.: -----
SKID No.	PSV No.: -----
	Ser. No.: 00-741
	Last VE Date

Description: NORTH HEAD & SHELL T-B

CML: 059-10

Nominal:	1.325	C.A. as per	C.A. L.F.L.:	0.000	Con't Service: YES
t Min.:	--	Not Stated	L.F.L.:	1.325	Insp. Intv. 12
C.A. Calc.:	--		Mths. To L.F.L.:	48	Add'l Assm't: NO

<u>Survey Dates:</u>	2003-03	2009-08
Reading 01:	1.333	1.350
Reading 02:	1.384	1.350
Reading 03:	1.328	1.360
Reading 04:	1.337	1.360
Reading 05:	1.347	1.370
Reading 06:	1.341	1.400
Reading 07:		1.390
Reading 08:		1.378
Reading 09:		1.395
Reading 10:		1.396
Reading 11:		1.398
Reading 12:		1.398
Reading 13:		1.399
Reading 14:		1.399

Data Evaluation

Lowest Reading	:	1.328	1.350
Average - Low 3	:	1.333	1.353
Thk.Rem. Above LFL	:	0.003	0.025
Indv. Short Term Rate (in/yr)	:		0.005
Short Term Rate (in/yr)	:		0.000
LongTerm Rate (in/yr)	:		

Comments:

2009/08 - RDGS #1-6 TAKEN ON HEAD, RDGS #8-14 TAKEN ON SHELL.  
- RDG #5 & 8 TAKEN @ HAZ, # 7 @ WELD.



EXXON MOBIL  
PINE CREEK COMPRESSOR STATION - (007)  
AREA #1 - (01)

TEAM Industrial Services

Item Desc.: SLUG CATCHER

Lsd: 06-22-057-20W5M

Prov. Reg.: A0457109

Equip. No.: -----

Ser. No.: 00-741

SKID No.

PSV No.:

Last VE Date

Description: NORTH SHELL CIRC T-E--B-W

CML: 059-13

Nominal:	1.375	C.A. as per	C.A. L.F.L.:	0.000	Con't Service:	YES
t Min.:	--	Not Stated	L.F.L.:	1.375	Insp. Intv.	12
C.A. Calc.:	--		Mths.To L.F.L.:		Add'l Assm't:	YES

Survey Dates: 2009-08

Reading 01:	1.400	_____
Reading 02:	1.400	_____
Reading 03:	1.410	_____
Reading 04:	1.400	_____
Reading 05:	1.400	_____
Reading 06:	1.390	_____
Reading 07:	1.400	_____
Reading 08:	1.380	_____
Reading 09:	1.390	_____
Reading 10:	1.420	_____
Reading 11:	1.410	_____
Reading 12:	1.420	_____

Data Evaluation

Lowest Reading	:	1.380
Average - Low 3	:	1.387
Thk.Rem. Above LFL	:	0.005
Indv. Short Term Rate (in/yr)	:	
Short Term Rate (in/yr)	:	
LongTerm Rate (in/yr)	:	

EXXON MOBIL  
PINE CREEK COMPRESSOR STATION - (007)  
AREA #1 - (01)

TEAM Industrial Services

Item Desc.:	SLUG CATCHER	Lsd:	06-22-057-20W5M
Prov. Reg.:	A0457109	Equip. No.:	-----
SKID No.		PSV No.:	
		Ser. No.:	00-741
		Last VE Date	

Description: TOP SHELL T-B

CML: 059-15

Nominal:	1.375	C.A. as per		C.A. L.F.L.:	0.000	Con't Service:	YES
t Min.:	--	Not Stated		L.F.L.:	1.375	Insp. Intv.	0
C.A. Calc.:	--			Mths.To L.F.L.:	0	Add'l Assm't:	YES

<u>Survey Dates:</u>	2003-03
Reading 01:	1.399
Reading 02:	1.402
Reading 03:	1.417
Reading 04:	1.398
Reading 05:	1.394
Reading 06:	1.399

Data Evaluation

Lowest Reading	:	1.394
Average - Low 3	:	1.397
Thk.Rem. Above LFL	:	0.019
Indv. Short Term Rate (in/yr)	:	
Short Term Rate (in/yr)	:	
LongTerm Rate (in/yr)	:	

Comments:

2009/08 - REMOVED BY CLIENT, NO SAFE ACCESS.

Description: NORTH SIDE SHELL T-B

CML: 059-20

Nominal:	1.375	C.A. as per		C.A. L.F.L.:	0.000	Con't Service:	YES
t Min.:	--	Not Stated		L.F.L.:	1.375	Insp. Intv.	12
C.A. Calc.:	--			Mths.To L.F.L.:	48	Add'l Assm't:	NO

<u>Survey Dates:</u>	2003-03	2009-08
Reading 01:	1.416	1.410
Reading 02:	1.432	1.410
Reading 03:	1.384	1.410
Reading 04:	1.403	1.400
Reading 05:	1.384	1.400
Reading 06:	1.386	1.400

Data Evaluation

Lowest Reading	:	1.384	1.400
Average - Low 3	:	1.385	1.400
Thk.Rem. Above LFL	:	0.009	0.025
Indv. Short Term Rate (in/yr)	:		0.003
Short Term Rate (in/yr)	:		0.000
LongTerm Rate (in/yr)	:		

EXXON MOBIL  
PINE CREEK COMPRESSOR STATION - (007)  
AREA #1 - (01)

TEAM Industrial Services

Item Desc.: SLUG CATCHER	Lsd: 06-22-057-20W5M
Prov. Reg.: A0457109	Equip. No.: -----
SKID No.	PSV No.: Last VE Date
	Ser. No.: 00-741

Description: SOUTH SIDE SHELL T-B

CML: 059-25

Nominal:	1.375	C.A. as per	C.A. L.F.L.:	0.000	Con't Service:	YES
t Min.:	--	Not Stated	L.F.L.:	1.375	Insp. Intv.:	12
C.A. Calc.:	--		Mths. To L.F.L.:	48	Add'l Assm't:	NO

<u>Survey Dates:</u>	2003-03	2009-08
Reading 01:	1.394	1.410
Reading 02:	1.431	1.410
Reading 03:	1.393	1.410
Reading 04:	1.391	1.410
Reading 05:	1.388	1.410
Reading 06:	1.391	1.410
Reading 07:		1.410
Reading 08:		1.410
Reading 09:		1.410
Reading 10:		1.410
Reading 11:		1.410
Reading 12:		1.410

Data Evaluation

Lowest Reading	:	1.388	1.410
Average - Low 3	:	1.390	1.410
Thk.Rem. Above LFL	:	0.013	0.035
Indv. Short Term Rate (in/yr)	:		0.003
Short Term Rate (in/yr)	:		0.000
LongTerm Rate (in/yr)	:		

EXXON MOBIL  
PINE CREEK COMPRESSOR STATION - (007)  
AREA #1 - (01)

TEAM Industrial Services

Item Desc.: SLUG CATCHER	Lsd: 06-22-057-20W5M
Prov. Reg.: A0457109	Equip. No.: -----
SKID No.	PSV No.: -----
	Ser. No.: 00-741
	Last VE Date

Description: SOUTH SHELL CIRC T-E-B-W

CML: 059-28

Nominal: 1.375	C.A. as per	C.A. L.F.L.: 0.000	Con't Service: YES
t Min.: --	Not Stated	L.F.L.: 1.375	Insp. Intv. 12
C.A. Calc.: --		Mths.To L.F.L.:	Add'l Assm't: YES

Survey Dates: 2009-08

Reading 01:	1.410	_____
Reading 02:	1.410	_____
Reading 03:	1.410	_____
Reading 04:	1.410	_____
Reading 05:	1.410	_____
Reading 06:	1.410	_____
Reading 07:	1.410	_____
Reading 08:	1.420	_____
Reading 09:	1.410	_____
Reading 10:	1.410	_____
Reading 11:	1.400	_____
Reading 12:	1.400	_____

Data Evaluation

Lowest Reading	: 1.400
Average - Low 3	: 1.403
Thk.Rem. Above LFL	: 0.025
Indv. Short Term Rate (in/yr)	:
Short Term Rate (in/yr)	:
LongTerm Rate (in/yr)	:

Description: BTM SHELL S-N

CML: 059-30

Nominal: 1.375	C.A. as per	C.A. L.F.L.: 0.000	Con't Service: YES
t Min.: --	Not Stated	L.F.L.: 1.375	Insp. Intv. 12
C.A. Calc.: --		Mths.To L.F.L.: 48	Add'l Assm't: NO

Survey Dates: 2003-03 2009-08

Reading 01:	1.378	1.400	_____
Reading 02:	1.379	1.400	_____
Reading 03:	1.380	1.400	_____
Reading 04:	1.381	1.390	_____
Reading 05:	1.384	1.400	_____
Reading 06:	1.400	1.400	_____

Data Evaluation

Lowest Reading	: 1.378	1.390
Average - Low 3	: 1.379	1.397
Thk.Rem. Above LFL	: 0.003	0.015
Indv. Short Term Rate (in/yr)	:	0.000
Short Term Rate (in/yr)	:	0.000
LongTerm Rate (in/yr)	:	

EXXON MOBIL  
PINE CREEK COMPRESSOR STATION - (007)  
AREA #1 - (01)

TEAM Industrial Services

Item Desc.:	SLUG CATCHER		Lsd:	06-22-057-20W5M
Prov. Reg.:	A0457109	Equip. No.:	-----	Ser. No.: 00-741
SKID No.		PSV No.:		Last VE Date

Description: SOUTH HEAD & BTM SHELL T-B

CML: 059-35

Nominal:	1.325	C.A. as per		C.A. L.F.L.:	0.000	Con't Service:	YES
t Min.:	--	Not Stated		L.F.L.:	1.325	Insp. Intv.	12
C.A. Calc.:	--			Mths.To L.F.L.:	48	Add'l Assm't:	NO

<u>Survey Dates:</u>	<u>2003-03</u>	<u>2009-08</u>	
Reading 01:	1.341	1.350	_____
Reading 02:	1.348	1.350	_____
Reading 03:	1.348	1.360	_____
Reading 04:	1.345	1.340	_____
Reading 05:	1.358	1.400	_____
Reading 06:	1.376	1.400	_____
Reading 07:		1.410	_____
Reading 08:		1.405	_____
Reading 09:		1.415	_____
Reading 10:		1.413	_____
Reading 11:		1.437	_____

Data Evaluation

Lowest Reading	:	1.341	1.340
Average - Low 3	:	1.345	1.347
Thk.Rem. Above LFL	:	0.016	0.015
Indv. Short Term Rate (in/yr)	:		0.001
Short Term Rate (in/yr)	:		0.000
LongTerm Rate (in/yr)	:		

Comments:

2009/08 - RDGS #1-6 TAKEN ON HEAD, RDGS #7-11 TAKEN ON SHELL.  
- RDGS #6 & 8 TAKEN @ HAZ, #7 @ WELD.

EXXON MOBIL  
PINE CREEK COMPRESSOR STATION - (007)  
AREA #1 - (01)

TEAM Industrial Services

Item Desc.: SLUG CATCHER	Lsd: 06-22-057-20W5M
Prov. Reg.: A0457109	Equip. No.: -----
SKID No.	PSV No.: -----
	Ser. No.: 00-741
	Last VE Date

Description: VESSEL 6"90L T-B

CML: 059-40\*\*\*

Nominal:	0.432	C.A. as per	C.A. L.F.L.:	0.000	Con't Service:	NO
t Min.:	--	Not Stated	L.F.L.:	0.432	Insp. Intv.	0
C.A. Calc.:	--		Mths.To L.F.L.:	0	Add'l Assm't:	NO

<u>Survey Dates:</u>	2003-03	2009-08	
Reading 01:	0.425	0.405	_____
Reading 02:	0.422	0.410	_____
Reading 03:	0.427	0.403	_____
Reading 04:	0.421	0.407	_____
Reading 05:	0.429	0.408	_____
Reading 06:	0.427	0.403	_____
Reading 07:	0.443	0.401	_____
Reading 08:	0.438	0.402	_____

Data Evaluation

Lowest Reading	:	0.421	0.401
Average - Low 3	:	0.423	0.402
Thk.Rem. Above LFL	:	***-0.011	***-0.031
Indv. Short Term Rate (in/yr)	:		0.007
Short Term Rate (in/yr)	:		0.003
LongTerm Rate (in/yr)	:		

Comments:  
2009/08 - ALL RDGS CONFIRMED.

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