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Tab #	Tag	Description	Reg #	Serial #	NB #
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South Side of Lease

40 LPG Storage Bullet

(a) Vessel

(b) Inlet Piping

(c) Inlet Piping

(d) Outlet Piping

(e) PSV Piping

A0218208	26978A	

ITEM LIST

Tab TML Description

Nov 2014																					Next Inspect
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South Side of Lease**40 LPG Storage Bullet****(a) Vessel**

4000 Bottom North Head
 4005 Top Shell (north of center)
 4010 Middle West Shell (north of center)
 4015 Bottom Shell (north end)
 4020 Bottom Middle Shell
 4025 Bottom Shell (south end)
 4030 Bottom South Head

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*																				
*																				

(b) Inlet Piping

4040 4" Inlet Elbow

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(c) Inlet Piping

4050 2" Inlet Elbow

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(d) Outlet Piping

4060 3" Outlet Elbow

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(e) PSV Piping

4070 2" PSV Elbow

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ITEMS	Total	Last Inspection
Equipments	1	1
Vessel components	1	1
Piping components	4	4
Accessory components	0	0
TML's in the facility	11	11

CONDITION INDICATOR

Tab	TML	Description	Last Inspection	Nominal Thickness	Thinnest Reading	Critical Thickness	Corrosion Rate	Condition Indicator
			Date	in	in	in	in/yr	Years

South Side of Lease

40 LPG Storage Bullet

(a) Vessel

4000 Bottom North Head
 4005 Top Shell (north of center)
 4010 Middle West Shell (north of center)
 4015 Bottom Shell (north end)
 4020 Bottom Middle Shell
 4025 Bottom Shell (south end)
 4030 Bottom South Head

Nov 2014	0.772	0.862	0.772	0.000	100+
Nov 2014	0.778	0.794	0.778	0.000	100+
Nov 2014	0.778	0.804	0.778	0.000	100+
Nov 2014	0.778	0.798	0.778	0.000	100+
Nov 2014	0.778	0.800	0.778	0.000	100+
Nov 2014	0.778	0.806	0.778	0.000	100+
Nov 2014	0.772	0.868	0.772	0.000	100+

(b) Inlet Piping

4040 4" Inlet Elbow

Nov 2014	0.237	0.228	0.144	0.000	100+
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(c) Inlet Piping

4050 2" Inlet Elbow

Nov 2014	0.218	0.199	0.128	0.001	100+
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(d) Outlet Piping

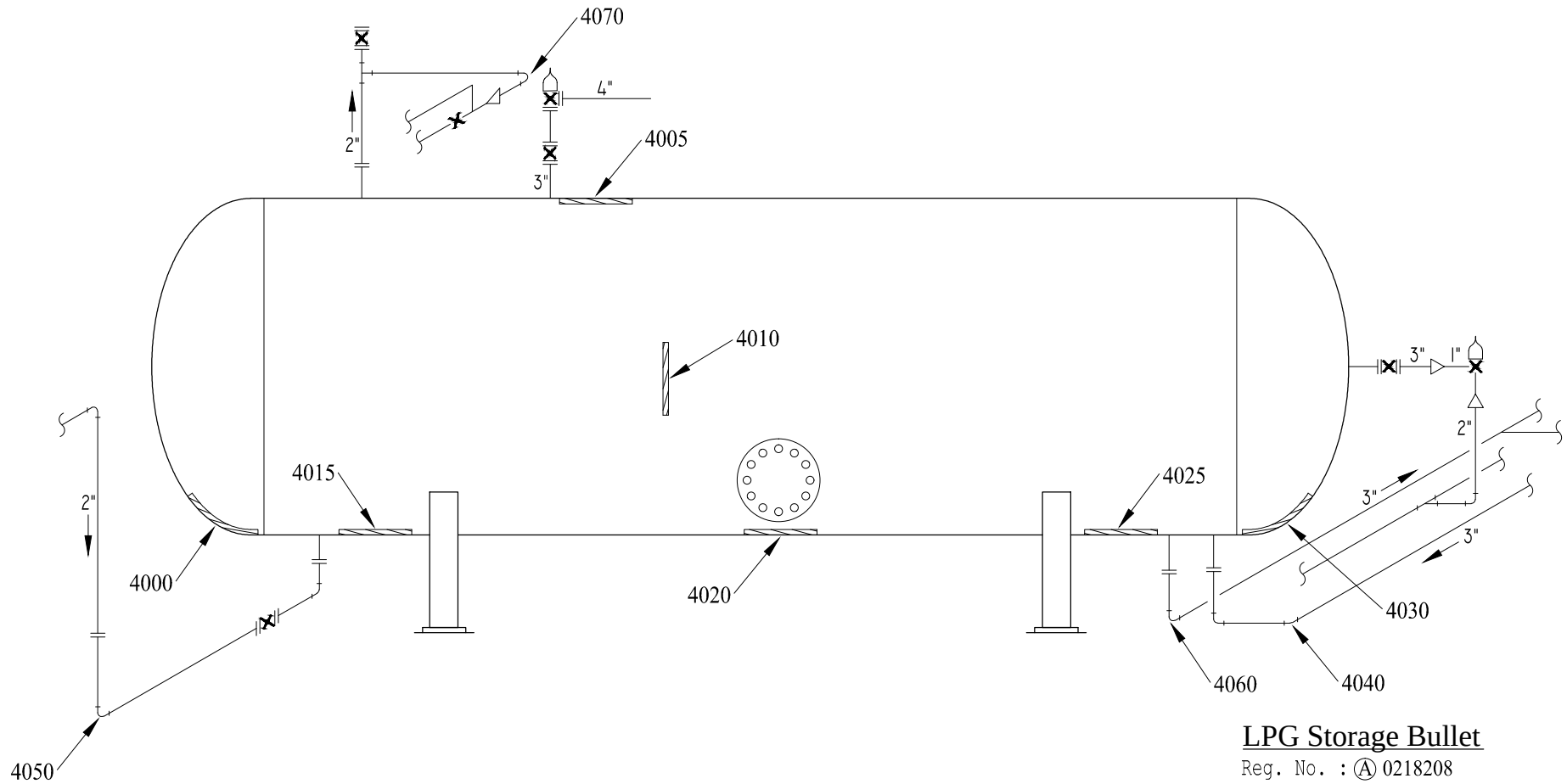
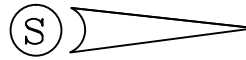
4060 3" Outlet Elbow

Nov 2014	0.216	0.242	0.126	0.000	100+
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(e) PSV Piping

4070 2" PSV Elbow

Nov 2014	0.218	0.219	0.128	0.000	100+
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LPG Storage Bullet

Reg. No. : ① 0218208
S/N : 26978A
CRN : C-4936.23
Built : 1985
MWP : 250 PSI @ 151°F
Dia. : 108" ID
C.A. : NIL
J.E. : RT-2 / 100%
Shell : 0.778" SA 516-70
Head : 0.772" SA 516-70
Built By : Western Rock Bit Co. Ltd.

Canadian Natural Resources Ltd
Brintell 12-09 Battery
12-09-081-22 W4M

SUMMIT Inspection Services Ltd.

Sketched: TC Date: 12/2014

AutoCad: DD/MN Revised:

Dwg: 40 Items: 4000 - 4070

DATA PAGE

Index: 40	LPG Storage Bullet	Product:	JE: 100%
Component: (a)	Vessel	Drawing: 40	Dia: 108 (in) ID
TML: 4000	Bottom North Head	MfgDate: Jan 1985	CA: 0.000 (in)
Registration: A0218208		Material: SA 516 70	Nominal: 0.772 (in)
CRN: C-4936.23		MWP: 250 psi @ 151 °F	T-min: 0.772 (in)

	1	2	3	4	5	6	7	8	9	10	11	12	Total Loss (in)	Loss Rate (in/yr)	Condition Indicator
Inspection Dates	Nov 2014														
Temperature °F	60														
Top	1	0.884													
	2	0.878													
	3	0.872													
	4	0.862													
	5	0.877													
	6	0.875													
Bottom	7	0.885													
Comments:															
Scan Minimum (in)	0.862														
Avg Thickness (in)	0.876														
Avg Loss															
Avg Loss Rate															
Max Loss Rate															
Avg.Condition Indicator															
Min.Condition Indicator															

DATA PAGE

Index: 40	LPG Storage Bullet	Product:	JE: 100%
Component: (a)	Vessel	Drawing: 40	Dia: 108 (in) ID
TML: 4005	Top Shell (north of center)	MfgDate: Jan 1985	CA: 0.000 (in)
Registration: A0218208		Material: SA 516 70	Nominal: 0.778 (in)
CRN: C-4936.23		MWP: 250 psi @ 151 °F	T-min: 0.778 (in)

	1	2	3	4	5	6	7	8	9	10	11	12	Total Loss (in)	Loss Rate (in/yr)	Condition Indicator
Inspection Dates	Nov														
	2014														
Temperature °F	60														
North	1	0.796													
	2	0.794													
	3	0.796													
	4	0.794													
	5	0.796													
	6	0.794													
	7	0.796													
	8	0.798													
	9	0.798													
South	10	0.794													
Comments:															
Scan Minimum (in)	0.794														
Avg Thickness (in)	0.795														
Avg Loss															
Avg Loss Rate															
Max Loss Rate															
Avg.Condition Indicator															
Min.Condition Indicator															

DATA PAGE

Index: 40	LPG Storage Bullet	Product:	JE: 100%
Component: (a)	Vessel	Drawing: 40	Dia: 108 (in) ID
TML: 4010	Middle West Shell (north of center)	MfgDate: Jan 1985	CA: 0.000 (in)
Registration: A0218208		Material: SA 516 70	Nominal: 0.778 (in)
CRN: C-4936.23		MWP: 250 psi @ 151 °F	T-min: 0.778 (in)

	1	2	3	4	5	6	7	8	9	10	11	12	Total Loss (in)	Loss Rate (in/yr)	Condition Indicator
Inspection Dates	Nov														
	2014														
Temperature °F	60														
Top	1	0.817													
	2	0.828													
	3	0.815													
	4	0.805													
	5	0.825													
	6	0.805													
	7	0.808													
	8	0.806													
Bottom	9	0.809													
Comments:															
Scan Minimum (in)	0.804														
Avg Thickness (in)	0.813														
Avg Loss															
Avg Loss Rate															
Max Loss Rate															
Avg.Condition Indicator															
Min.Condition Indicator															

DATA PAGE

Index: 40	LPG Storage Bullet	Product:	JE: 100%
Component: (a)	Vessel	Drawing: 40	Dia: 108 (in) ID
TML: 4015	Bottom Shell (north end)	MfgDate: Jan 1985	CA: 0.000 (in)
Registration: A0218208		Material: SA 516 70	Nominal: 0.778 (in)
CRN: C-4936.23		MWP: 250 psi @ 151 °F	T-min: 0.778 (in)

	1	2	3	4	5	6	7	8	9	10	11	12	Total Loss (in)	Loss Rate (in/yr)	Condition Indicator
Inspection Dates	Nov														
	2014														
Temperature °F	60														
North	1	0.798													
	2	0.798													
	3	0.799													
	4	0.799													
	5	0.803													
	6	0.801													
	7	0.800													
South	8	0.801													
Comments:															
Scan Minimum (in)	0.798														
Avg Thickness (in)	0.800														
Avg Loss															
Avg Loss Rate															
Max Loss Rate															
Avg.Condition Indicator															
Min.Condition Indicator															

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Index: 40	LPG Storage Bullet	Product:	JE: 100%
Component: (a)	Vessel	Drawing: 40	Dia: 108 (in) ID
TML: 4020	Bottom Middle Shell	MfgDate: Jan 1985	CA: 0.000 (in)
Registration: A0218208		Material: SA 516 70	Nominal: 0.778 (in)
CRN: C-4936.23		MWP: 250 psi @ 151 °F	T-min: 0.778 (in)

	1	2	3	4	5	6	7	8	9	10	11	12	Total Loss (in)	Loss Rate (in/yr)	Condition Indicator
Inspection Dates	Nov 2014														
Temperature °F	60														
North	1	0.808													
	2	0.809													
	3	0.805													
	4	0.801													
	5	0.802													
	6	0.808													
	7	0.801													
South	8	0.807													
Comments:															
Scan Minimum (in)	0.800														
Avg Thickness (in)	0.805														
Avg Loss															
Avg Loss Rate															
Max Loss Rate															
Avg.Condition Indicator															
Min.Condition Indicator															

DATA PAGE

Index: 40	LPG Storage Bullet	Product:	JE: 100%
Component: (a)	Vessel	Drawing: 40	Dia: 108 (in) ID
TML: 4025	Bottom Shell (south end)	MfgDate: Jan 1985	CA: 0.000 (in)
Registration: A0218208		Material: SA 516 70	Nominal: 0.778 (in)
CRN: C-4936.23		MWP: 250 psi @ 151 °F	T-min: 0.778 (in)

	1	2	3	4	5	6	7	8	9	10	11	12	Total Loss (in)	Loss Rate (in/yr)	Condition Indicator
Inspection Dates	Nov 2014														
Temperature °F	60														
North	1	0.809													
	2	0.807													
	3	0.806													
	4	0.810													
	5	0.809													
	6	0.808													
	7	0.807													
	8	0.811													
South															
Comments:															
Scan Minimum (in)	0.806														
Avg Thickness (in)	0.808														
Avg Loss															
Avg Loss Rate															
Max Loss Rate															
Avg.Condition Indicator															
Min.Condition Indicator															

DATA PAGE

Index: 40	LPG Storage Bullet	Product:	JE: 100%
Component: (a)	Vessel	Drawing: 40	Dia: 108 (in) ID
TML: 4030	Bottom South Head	MfgDate: Jan 1985	CA: 0.000 (in)
Registration: A0218208		Material: SA 516 70	Nominal: 0.772 (in)
CRN: C-4936.23		MWP: 250 psi @ 151 °F	T-min: 0.772 (in)

	1	2	3	4	5	6	7	8	9	10	11	12	Total Loss (in)	Loss Rate (in/yr)	Condition Indicator
Inspection Dates	Nov 2014														
Temperature °F	60														
Top	1	0.896													
	2	0.897													
	3	0.898													
	4	0.892													
	5	0.879													
	6	0.874													
	7	0.868													
Bottom	8	0.880													
Comments:															
Scan Minimum (in)	0.868														
Avg Thickness (in)	0.885														
Avg Loss															
Avg Loss Rate															
Max Loss Rate															
Avg.Condition Indicator															
Min.Condition Indicator															

DATA PAGE

Index: 40	LPG Storage Bullet	Product:	JE: 100%
Component: (b)	Inlet Piping	Drawing: 40	Dia: 4.500 (in) OD
TML: 4040	4" Inlet Elbow	MfgDate: Jan 1985	CA: 0.063 (in)
Registration:		Material: SA 234 WPB	Nominal: 0.237 (in)
CRN:		MWP: 250 psi @ 151 °F	T-min: 0.144 (in)

	1	2	3	4	5	6	7	8	9	10	11	12	Total Loss (in)	Loss Rate (in/yr)	Condition Indicator
Inspection Dates	Nov 2014														
Temperature °F	60														
East	1	0.247													
	2	0.238													
	3	0.234											0.003	0.000	100+
	4	0.237													
	5	0.235											0.002	0.000	100+
	6	0.228											0.009	0.000	100+
	7	0.234											0.003	0.000	100+
	8	0.234											0.003	0.000	100+
	9	0.236											0.001	0.000	100+
North															
Comments:															
Scan Minimum (in)	0.228														
Avg Thickness (in)	0.236														
Avg Loss	0.001														
Avg Loss Rate	0.000														
Max Loss Rate	0.000														
Avg.Condition Indicator															
Min.Condition Indicator															

DATA PAGE

Index: 40	LPG Storage Bullet	Product:	JE: 100%
Component: (c)	Inlet Piping	Drawing: 40	Dia: 2.375 (in) OD
TML: 4050	2" Inlet Elbow	MfgDate: Jan 1985	CA: 0.063 (in)
Registration:		Material: SA 234 WPB	Nominal: 0.218 (in)
CRN:		MWP: 250 psi @ 151 °F	T-min: 0.128 (in)

	1	2	3	4	5	6	7	8	9	10	11	12	Total Loss (in)	Loss Rate (in/yr)	Condition Indicator
Inspection Dates	Nov 2014														
Temperature °F	60														
Top	1	0.216											0.002	0.000	100+
	2	0.207											0.011	0.000	100+
	3	0.207											0.011	0.000	100+
	4	0.206											0.012	0.000	100+
Bottom	5	0.227													
Comments:															
Scan Minimum (in)	0.199														
Avg Thickness (in)	0.213														
Avg Loss	0.005														
Avg Loss Rate	0.000														
Max Loss Rate	0.001														
Avg.Condition Indicator															
Min.Condition Indicator															

DATA PAGE

Index: 40	LPG Storage Bullet	Product:	JE: 100%
Component: (d)	Outlet Piping	Drawing: 40	Dia: 3.500 (in) OD
TML: 4060	3" Outlet Elbow	MfgDate: Jan 1985	CA: 0.063 (in)
Registration:		Material: SA 234 WPB	Nominal: 0.216 (in)
CRN:		MWP: 250 psi @ 151 °F	T-min: 0.126 (in)

	1	2	3	4	5	6	7	8	9	10	11	12	Total Loss (in)	Loss Rate (in/yr)	Condition Indicator
Inspection Dates	Nov														
	2014														
Temperature °F	60														
Top	1	0.244													
	2	0.245													
	3	0.242													
	4	0.250													
	5	0.246													
	6	0.242													
Bottom	7	0.256													
Comments:															
Scan Minimum (in)	0.242														
Avg Thickness (in)	0.247														
Avg Loss															
Avg Loss Rate															
Max Loss Rate															
Avg.Condition Indicator															
Min.Condition Indicator															

DATA PAGE

Index: 40	LPG Storage Bullet	Product:	JE: 100%
Component: (e)	PSV Piping	Drawing: 40	Dia: 2.375 (in) OD
TML: 4070	2" PSV Elbow	MfgDate: Jan 1985	CA: 0.063 (in)
Registration:		Material: SA 234 WPB	Nominal: 0.218 (in)
CRN:		MWP: 250 psi @ 151 °F	T-min: 0.128 (in)

	1	2	3	4	5	6	7	8	9	10	11	12	Total Loss (in)	Loss Rate (in/yr)	Condition Indicator
Inspection Dates	Nov 2014														
Temperature °F	60														
North	1	0.228													
	2	0.229													
	3	0.223													
	4	0.223													
West	5	0.219													
Comments:															
Scan Minimum (in)	0.219														
Avg Thickness (in)	0.225														
Avg Loss															
Avg Loss Rate															
Max Loss Rate															
Avg.Condition Indicator															
Min.Condition Indicator															