

PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 07-27-051-19W5M

Date: JULY 13, 2014

SAP Equipment ID: 66004976

VESSEL STATIC DATA						
Plant		Ansell Gas Plant		Op Unit		System
Prov. Insp. #		A0430456		CRN		N6150.2
Equipment Description		Propane C Bullet		Serial #		34556A
Manufacturer		Western Rock Bit Co		Vessel Class		
Internal Access: yes		Description: Manway, side shell		Year Built		1997
MAWP 280		PSI @ 150		°F		MDMT -20 °F
CODE : U		RT : 2		PWHT :		
Diameter 144 in o.d.		Length (s/s) 912 in		OAL mm / in		Horizontal
Shell	Mat'l	SA-516-70N	Thickness	1.2072	in	Corr Allowance 0.0625 in
Head	Mat'l	SA-516-70N	Thickness	1.1982	in	Corr Allowance 0.0625 in
Nozzle	Mat'l		Thickness		in	Corr Allowance mm
Internal Coating: YES—NO		Internal Clad : YES—NO		Capacity		8021 ft ³
Manway : yes		Inspection Port : no		Saddle		
Nozzle Rating		lb ANSI		Painted : yes		Insulated no
PROCESS DATA						
Product Description propane				Sweet		
Operating Pressure PSI				Operating Temperature °C		
SOUTH PSV STATIC DATA						
Serial No.	Location	Set Pressure	Capacity SCFM / Lbs/Hr / GPM	Manufacturer	Model / Type	Service Date / Company
20243	Top shell	250psi	9724scfm	Fisher Combo Joe – Manifold. 4 x Fisher gas Safety release valves	H502-175	15-Sep-11. Wizard. PSV-7002A
SOUTH PSV DETAILS						
	Type (Thread/Flange)	ANSI Rating		Size (in)		
PRD Inlet	Flanged			4" flanged into manifold, 4 x 3" out of manifold swedging down to 2"		
PRD Outlet	Threaded			4 x 3" stacks		
NORTH PSV STATIC DATA						
Serial No.	Location	Set Pressure	Capacity SCFM / Lbs/Hr / GPM	Manufacturer	Model / Type	Service Date / Company
27018B	Top shell	250psi	9724scfm	Fisher Combo Joe – Manifold. 4 x Fisher gas Safety release valves	H501-250	PSV-7006A
NORTH PSV DETAILS						
	Type (Thread/Flange)	ANSI Rating		Size (in)		
PRD Inlet	Flanged			4" flanged into manifold, 4 x 3" out of manifold swedging down to 2"		
PRD Outlet	Threaded			4 x 3" stacks		

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NDE Equipment records

Procedure#	Description	Manufacturer	Model#	Serial#	Due Date

INSPECTION SUMMARY

60000 uswg

A visual external inspection was conducted on vessel while in operation. Dataplate appears secure, too high to access. Dataplate worn, getting hard to read other than stamped info. A# stamped in shell below dataplate. Vessel high off ground. Vessel and piping are in good condition, piping well supported. Vessel paint in fair condition, some areas of outer layer paint failure, and a few areas of paint failure to bare steel at bottom shell. Some minor rusting where paint has failed to bare steel. Vessel saddle seal welded, bolted securely to support structure. Ground cable securely attached directly to saddle support. 2 PSVs. Both are a 1 into 4 manifold, with all 4 stacks having a weather caps. South PSV manifold has up to date service. Service tag missing on north PSV manifold, but can see where one was attached, likely last serviced 09/11. Both PSVs set below MAWP and vent to atmosphere. PSV inlet isolation valves are carsealed open. UT inspection performed 2014 by Streamline Inspection.

Vessel was found to be in good condition and fit for continued service.

RECOMMENDATIONS

Review UT survey results.
Check PSV records to confirm north PSV-7006A last service date.

NONCONFORMANCES / INSPECTION DEFICIENCIES

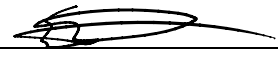
No deficiencies noted

INSPECTION PLANNING

Inspection Strategy	Availability	Inspection Interval
Inspection Date <u>July 13, 2014</u>	Date of Last Inspect _____	Date of Next Inspect _____

REPORT CERTIFICATION

The signatures below certify that inspections/tests have been completed in accordance with the identified inspection strategy and that the specified equipment is considered fit for service until the date of next inspection.

Inspected by	<u>Ed Tymensen</u>		Date	<u>July 13, 2014</u>
Company	<u>Streamline Inspection</u>	PESL #	<u>000711</u>	API # <u>27479</u>
Reviewed and Approved by	_____	_____	Date	_____
	_____	PESL #	_____	API #
Criticality Assessment Rerun	_____	Inspection Planning Rerun	_____	
Assessed Next Inspection Date	_____			

PRESSURE VESSEL & COLUMN INSPECTION REPORT

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SAP Equipment ID: 66004976

DETAILED INSPECTION VISUAL EXTERNAL

ID	Description	Condition	Location	NCR	Comments
V1	General Other (Please Explain)	Good			Overall
V2	General Corrosion	Good	Bottom shell		Minor rusting where paint has failed to bare steel, few small areas
V3	General Leaks	n/a			No leaks noted
V4	Vibration	n/a			
V5	Dissimilar Flange Rating	Good			Similar ratings
V6	Ladder/Stairway	Good	Ladder, platform		Secure, safety chain across platform opening present
V7	Heads	Good			No corrosion or damage
V8	Guy Wires	n/a			
V9	Electrical Ground	Good	Attached to Saddle support		Present and secure
V10	Painted Inactive Corrosion	n/a			
V11	Coating/Painting	Fair	Shell		some areas of outer layer paint failure, and a few areas of paint failure to bare steel at bottom shell
V12	Expansion Joint or Bellows	n/a			
V13	Gauge/Site Glass	Good	level		Gauges clear and legible
V14	Shell	Good			No significant corrosion or damage
V15	Jacket	n/a			
V21	Support Other (Please explain)	Good	Piping		Well supported
V22	Foundation	Good			Bolted to steel structure / steel piles
V23	Anchor Bolts	Good			Appear secure, limited visual
V24	Saddle/Skirt	Good	Saddle		bolted to I beam, saddle seal welded
V25	Davit	n/a			
V26	Fireproofing	Fair	Steel piles / supports		Some minor fireproofing damage at base of supports directly above ground
V31	Connections Other (Please explain)	Good			All connections appear secure
V32	Small Branches	n/a			
V33	Nozzles	Good			No damage or corrosion
V34	Manways	Good			Davit double nutted
V35	Reinforcing Pads	Good			Weepholes present, free of debris, no evidence of leaks
V36	Inadequate Thread Engagement	Good			Adequate
V37	Bolting	Good			All bolting tight and secure, no corrosion of threads
V38	Flanges	Good			No leaks or corrosion
V39	Leak Clamps	n/a			
V41	Insulation Other (Please explain)	n/a			
V42	Damage	n/a			
V43	Penetrations	n/a			
V44	Insulation Jacket	n/a			
V45	Banding	n/a			
V46	Seals/Joints	n/a			
V51	Relief Devices Other (Please explain)	Good	Top shell		South manifold service up to date, set below MAWP. Service tag missing on north manifold
V52	Corrosion	n/a			None noted
V53	Leaks	n/a			None noted
V54	Restricted Inlet/Outlet	n/a			
V55	Manual Operation Lever	Good	PSV inlet isolation valves		Isolation valves carsealed open

PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 07-27-051-19W5M

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SAP Equipment ID: 66004976

DETAILED INSPECTION VISUAL INTERNAL

ID	Description	Condition	Location	NCR	Comments
V1	General Other (Please Explain)	n/a			
V2	Corrosion (depth, length, width)	n/a			
V3	Erosion	n/a			
V4	Distortion	n/a			
V5	Blisters	n/a			
V6	Deposits	n/a			
V7	Heads	n/a			
V8	Welds	n/a			
V9	Nozzles	n/a			
V10	Shell	n/a			
V11	Gasket Surfaces	n/a			
V21	Internals Other (Please explain)	n/a			
V22	Demister	n/a			
V23	Baffle/Wier	n/a			
V24	Sparger	n/a			
V25	Thermowells	n/a			
V26	Metallic Linings	n/a			
V27	Nonmetallic Linings	n/a			
V28	Trays	n/a			
V29	Tray Rings	n/a			
V30	Other Welded Attachments	n/a			

DETAILED INSPECTION OTHER TECHNIQUES

ID	Location	Observation/Measurement	Acceptance Criteria	NCR	Comments
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

DETAILED INSPECTION UT THICKNESS

CML	Nom. Thk	Current Reading	Short Term Corr Rate	Long Term Corr Rate	Remaining Life	Comments

PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 07-27-051-19W5M

Date: JULY 13, 2014

SAP Equipment ID: 66004976

PHOTOS



LSD sign



VESSEL INFORMATION



DATAPLATE



A# STAMPED IN SHELL BELOW DATAPLATE



VESSEL OVERVIEW



VESSEL OVERVIEW

PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 07-27-051-19W5M

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PHOTOS



BOTTOM SHELL COATING DAMAGE, MINOR RUSTING



MINOR FIREPROOFING DAMAGE AT BASE OF SUPPORTS



MINOR FIREPROOFING DAMAGE AT BASE OF SUPPORTS



SOUTH PSV MANIFOLD SERVICE TAG



SOUTH PSV MANIFOLD DATAPLATE



SOUTH PSV MANIFOLD INDIVIDUAL PSV DATA

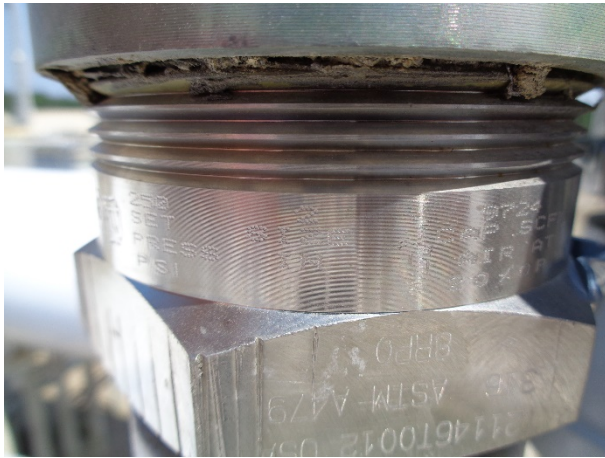
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PHOTOS



SOUTH PSV MANIFOLD INDIVIDUAL PSV DATA



SOUTH PSV MANIFOLD OVERVIEW



NORTH PSV MANIFOLD



NORTH PSV MANIFOLD OVERVIEW

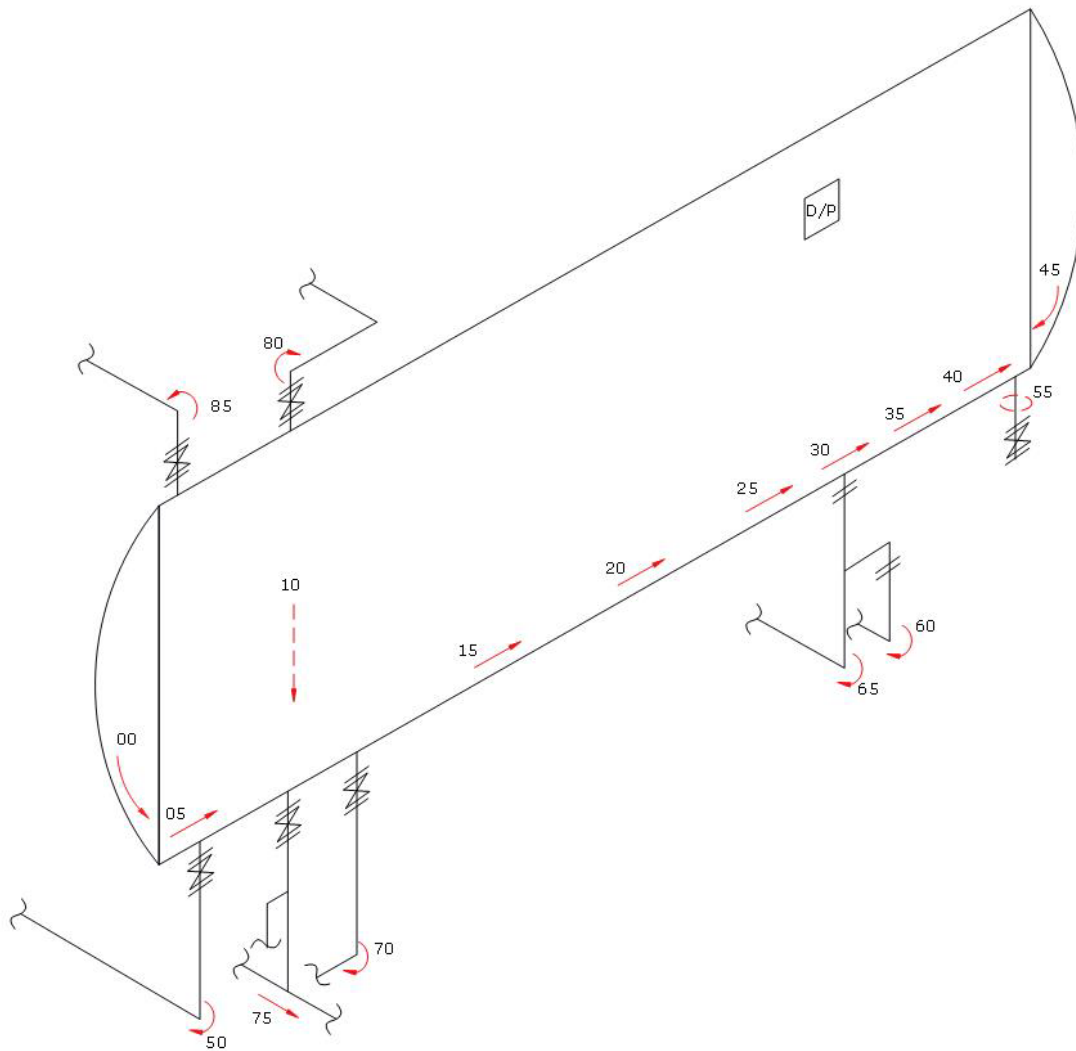


PSV STACKS

Location Name:	ANSELL GAS PLANT	LSD:	07-27-051-19W5
A#:	A0430456	Equipment/Tag No.	V-701C
Equipment Description:	PROPANE C	Serial Number:	34556A
		CRN: (or other ID#)	N6150.2
MAWP:	280 PSI	Design Temp:	150°F
Shell Material:	SA 516 70N	Head Material:	SA 516 70N
Shell Thickness:	30.7MM	Head Thickness:	33MM
Corrosion Allowance:	1.6MM	Date Built:	1997
Size:	144"	Manufacturer:	WESTERN ROCK BIT.

Notes:









Ultrasonic Corrosion Survey

Survey Name: Husky Energy

Date: Jul 13, 2014

Inspector: C. Graham

LSD: 07-27-051-19W5 Area: Ansell Location: Gas Plant
A #: A0430456 Tag Number: V-701C Vessel Name: Propane C
CRN: N6150.2 Year Built: 1997 Serial Number: 34556A
Vessel CA: 1.6 mm Manufacturer: Western Rock Bit.
Shell MAWP: 280psi MAWTF: 150°F Tube MAWP: MAWTF:

TML Description		Baseline				Material:	SA-516-70N
00	Head	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	Ellipsoidal	Min	34.260	31.400	1.600	33.000	
OD:	144"	Avg	35.180				Remaining Life:
Spec:	ASME VIII Div.1	Comments:					Retirement Date:

TML Description		Baseline				Material:	SA-516-70N
05	Shell	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	Cylindrical	Min	31.570	29.100	1.600	30.700	
OD:	144"	Avg	31.670				Remaining Life:
Spec:	ASME VIII Div.1	Comments:					Retirement Date:

TML Description		Baseline				Material:	SA-516-70N
10	Shell	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	Cylindrical	Min	31.620	29.100	1.600	30.700	
OD:	144"	Avg	31.830				Remaining Life:
Spec:	ASME VIII Div.1	Comments:					Retirement Date:

TML Description		Baseline				Material:	SA-516-70N
15	Shell	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	Cylindrical	Min	31.190	29.100	1.600	30.700	
OD:	144"	Avg	31.550				Remaining Life:
Spec:	ASME VIII Div.1	Comments:					Retirement Date:



Ultrasonic Corrosion Survey

Survey Name: Husky Energy

Date: Jul 13, 2014

Inspector: C. Graham

LSD: 07-27-051-19W5 Area: Ansell Location: Gas Plant
A #: A0430456 Tag Number: V-701C Vessel Name: Propane C
CRN: N6150.2 Year Built: 1997 Serial Number: 34556A
Vessel CA: 1.6 mm Manufacturer: Western Rock Bit.
Shell MAWP: 280psi MAWTF: 150°F Tube MAWP: MAWTF:

TML Description		Baseline				Material:	SA-516-70N
20	Shell	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	Cylindrical	Min	29.100	1.600	30.700		
OD:	144"	Avg					Remaining Life:
Spec:	ASME VIII Div.1	Comments:					Retirement Date:

TML Description		Baseline				Material:	SA-516-70N
25	Shell	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	Cylindrical	Min	29.100	1.600	30.700		
OD:	144"	Avg					Remaining Life:
Spec:	ASME VIII Div.1	Comments:					Retirement Date:

TML Description		Baseline				Material:	SA-516-70N
30	Shell	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	Cylindrical	Min	29.100	1.600	30.700		
OD:	144"	Avg					Remaining Life:
Spec:	ASME VIII Div.1	Comments:					Retirement Date:

TML Description		Baseline				Material:	SA-516-70N
35	Shell	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	Cylindrical	Min	29.100	1.600	30.700		
OD:	144"	Avg					Remaining Life:
Spec:	ASME VIII Div.1	Comments:					Retirement Date:



Ultrasonic Corrosion Survey

Survey Name: Husky Energy

Date: Jul 13, 2014

Inspector: C. Graham

LSD: 07-27-051-19W5 Area: Ansell Location: Gas Plant
A #: A0430456 Tag Number: V-701C Vessel Name: Propane C
CRN: N6150.2 Year Built: 1997 Serial Number: 34556A
Vessel CA: 1.6 mm Manufacturer: Western Rock Bit.
Shell MAWP: 280psi MAWTF: 150°F Tube MAWP: MAWTF:

TML Description		Baseline				Material:	SA-516-70N
40	Shell	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	Cylindrical	Min	31.390	29.100	1.600	30.700	
OD:	144"	Avg	31.450				Remaining Life:
Spec:	ASME VIII Div.1	Comments:					Retirement Date:

TML Description		Baseline				Material:	SA-516-70N
45	Head	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	Ellipsoidal	Min	34.090	31.400	1.600	33.000	
OD:	144"	Avg	34.470				Remaining Life:
Spec:	ASME VIII Div.1	Comments:					Retirement Date:

TML Description		Baseline				Material:	A-234-WPB
50	Piping	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	90° Elbow	Min	6.070	4.801	0.686	5.486	
OD:	3.5"	Avg	6.220				Remaining Life:
Spec:	ASME B31.3	Comments:					Retirement Date:

TML Description		Baseline				Material:	A-234-WPB
55	Nozzle	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	360° Circ	Min	8.530	7.623	1.089	8.712	
OD:	2.375"	Avg	8.860				Remaining Life:
Spec:	ASME VIII Div.1	Comments:					Retirement Date:



Ultrasonic Corrosion Survey

Survey Name: Husky Energy

Date: Jul 13, 2014

Inspector: C. Graham

LSD: 07-27-051-19W5 Area: Ansell Location: Gas Plant
A #: A0430456 Tag Number: V-701C Vessel Name: Propane C
CRN: N6150.2 Year Built: 1997 Serial Number: 34556A
Vessel CA: 1.6 mm Manufacturer: Western Rock Bit.
Shell MAWP: 280psi MAWTF: 150°F Tube MAWP: MAWTF:

TML Description		Baseline				Material: A-234-WPB
60 Piping		2014	Flag	CA	Nominal	T Min Corr. Rate
Shape: 90° Elbow	Min	5.790	4.801	0.686	5.486	
OD: 3.5"	Avg	6.220				Remaining Life:
Spec: ASME B31.3	Comments:					Retirement Date:

TML Description		Baseline				Material: A-234-WPB
65 Piping		2014	Flag	CA	Nominal	T Min Corr. Rate
Shape: 90° Elbow	Min	8.200	7.156	1.022	8.179	
OD: 8.625"	Avg	8.530				Remaining Life:
Spec: ASME B31.3	Comments:					Retirement Date:

TML Description		Baseline				Material: A-234-WPB
70 Piping		2014	Flag	CA	Nominal	T Min Corr. Rate
Shape: 90° Elbow	Min	3.430	3.423	0.489	3.912	
OD: 2.375"	Avg	3.990				Remaining Life:
Spec: ASME B31.3	Comments:					Retirement Date:

TML Description		Baseline				Material: A-234-WPB
75 Piping		2014	Flag	CA	Nominal	T Min Corr. Rate
Shape: 90° Elbow	Min	4.980	3.423	0.489	3.912	
OD: 2.375"	Avg	5.920				Remaining Life:
Spec: ASME B31.3	Comments:					Retirement Date:



Ultrasonic Corrosion Survey

Survey Name: Husky Energy

Date: Jul 13, 2014

Inspector: C. Graham

LSD: 07-27-051-19W5 **Area:** Ansell **Location:** Gas Plant
A #: A0430456 **Tag Number:** V-701C **Vessel Name:** Propane C
CRN: N6150.2 **Year Built:** 1997 **Serial Number:** 34556A
Vessel CA: 1.6 mm **Manufacturer:** Western Rock Bit.
Shell MAWP: 280psi **MAWTF:** 150°F **Tube MAWP:** **MAWTF:**

TML Description		Baseline				Material:	A-234-WPB
80	Piping	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	90° Elbow	Min	5.740	4.801	0.686	5.486	
OD:	3.5"	Avg	5.940				Remaining Life:
Spec:	ASME B31.3	Comments:					Retirement Date:

TML Description		Baseline				Material:	A-234-WPB
85	Piping	2014	Flag	CA	Nominal	T Min	Corr. Rate
Shape:	90° Elbow	Min	4.110	3.423	0.489	3.912	
OD:	2.375"	Avg	4.290				Remaining Life:
Spec:	ASME B31.3	Comments:					Retirement Date:

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

Job #21-7878

Ⓐ #430456

June 3/97

1 Manufactured & Certified by: Western Rock Bit Company Limited, 1026 Western Drive, Crossfield, Alberta, Canada. T0M 0S7

(Name & Address of Manufacturer)

2 Manufactured for: Grad & Walker Energy Corp., 2800, 400 - 4 Avenue S.W., Calgary, AB T2P 0J4

(Name & Address of Purchaser)

3 Location of Installation: South Huxley Gas Plant LSD 6-17-34-24 W4M

(Name & Address)

4 Type: Horizontal Tank 34556A N6150.2

(Horiz. or Vert. Tank)

(Mfr's Serial No.)

(CRN)

9702-39D

(Drawing No.)

N/A

(Net Bd No.)

1997

(Year Built)

5 The Chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1995

Year

to 1995

Addenda(Date)

N/A

Code Case Nos.

N/A

Special Service per UG-120(d)

6 Shell: SA516-70N 1.2072" (30.7 mm) .0625" (1.6mm) 11'9.6" (3596 mm) 69'8.5" (21247 mm)

Mat'l (Spec No., Grade)

Nom Thk. (in.)

Corr. Allow. (in.)

Diagn I.D. (ft. & in.)

Length (overall) (ft. & in.)

7 Seams: Type No. (1) Full 100% N/A N/A Type No. (1) Spot (uw11a.5b) 7

Long (Welded, Dbl., Sngl., Lap, Butt)

R.T. (Spot/Full)

Eff. (%)

H.T. Temp. (°F)

Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt)

R.T. (Spot, Partial, or Full)

No. of Courses

8 Heads: (a) Mat'l. SA 516-70N

(Spec No., Grade)

(b) Mat'l.

(Spec No., Grade)

Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
a) Ends	1.30" (33mm)	.0625" (1.6mm)			2:1 SE				Concave
b)									

If Removable, Bolts used (Describe other fastenings)

(Mat'l., Spec. No., Gr. Size No.)

9 MAWP 280 Psi (1931 Kpa) psi at max. temp. 150°F (65.6°C)
Min. design metal temp. -20°F (-29°C) at 280 Psi (1931 Kpa) Hydro., pneu., or comb. test pressure 420 Psi (2896 Kpa) Hydrostatic

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom Thk.	Reinforcement Mat'l.	How Attached	Location
Manway	1	20 NPS	RFWN	SA106B/SA105N	.500" (12.7mm)	SA516-70N	Welded	Shell
Outlet	1	8 NPS	RFWN	SA106B/SA105N	.500" (12.7mm)	SA516-70N	Welded	
PSV	2	4 NPS	RFWN	SA106B/SA105N	.531" (13.5mm)	SA516-70N	Welded	
Continued on U-4	form							

11. Supports: Skirt No Lugs Two Legs None Other Saddles (2) Attached Shell - Welded

(Yes or No)

(No.)

(No.)

(Describe)

(Where & How)

12. Remarks: Manufacturer's Partial Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:

(Name of Part, Item number, Mfr's name & identifying stamp)

60,000 USWG (227 m³) LPG Storage

Impact testing exempt per UCS 66

Surface Area = 3079 sq. ft. (286.0 m²)

Heads form to UCS 7

Manufactured to Dwg. No. 9702-3944D (Rev.F)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1, "U" Certificate of authorization No. 17-551 expires July 19th, 1998

Date: 97/6/3

Co. Name: Western Rock Bit Co. Ltd.

Signed: [Signature]

(Manufacturer)

(Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Western Rock Bit Co. Ltd. at 1026 Western Drive, Crossfield, Alberta. I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Alberta and employed by Alberta Boilers Safety Association have inspected the component described in this Manufacturer's Data Report on June 3, 1997 and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: June 3/97

Signed: [Signature]

(Authorized Inspector)

Commissions: ALTA #58

(Net Bd Incl. endorsements, State, Prov. & No.)

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

- [illegible]

Date 97/6/3 Co. Name Western Rock Bit Co. Ltd. Signed [Signature]
(Representative)
Date June 3/97 Signed [Signature] Commissions ALTA #158
(Authorized Inspector) (Nat'l. Bd. Incl. Endorsements, State, Prov. & No.)