

GENERAL PRESSURE VESSEL INFORMATION						
District: North			Skid No.:			
Facility: Morgan			Location (LSD): 10-34-051-04W4			
Name & Equip No: FLARE KNOCKOUT DRUM - 1000218			Orientation: Horizontal			
Company: Northern Blizzard Resources Inc			Cost Code:			
Status: Operating			Operating Province: Alberta			
Unit:						
ABSA						
Plant:			Vessel:			
Process:			Special:			
Amount(\$):						
PRESSURE VESSEL NAMEPLATE DATA						
Registration Number:			Registration Number (Other):			
Serial Number: F-1018			CRN Number:			
MAWP: 15.00 (psi) 103.42 (Kpa)			AT temperature: 150.00 (F) 65.56 (C)			
Size (diam. x length): 24.00 x 120.00(In) 609.60 x 048.00(mm)			Manufacturer: FLO-SKID MANUFACTURING INC			
X-Ray: RT3			Lining Or Coated:			
Year Built: 1985			Heat Treatment: No			
Code parameters:			Corrosion allowance: (In) 0.00 (mm)			
			Manway: No			
PIPING NAMEPLATE DATA						
Primary Flange Rating: 150			ASME B16.5 - Table 2-1.1 @ 150F: 285 (psi)			
Pressure Use For TMin: Vess Design Press			Piping Operating Press: 15 (psi)			
Stress Value: 20000 (psi)			E Value: 1			
Comments:						
SERVICE CONDITIONS-INDICATE ALL THAT APPLY						
Sweet <input checked="" type="checkbox"/>		Sour <input type="checkbox"/>		Oil <input type="checkbox"/>		
Gas <input type="checkbox"/>		Water <input type="checkbox"/>				
Amine <input type="checkbox"/>		LPG <input type="checkbox"/>		Condensate <input type="checkbox"/>		
Air <input type="checkbox"/>		Glycol <input type="checkbox"/>				
Other (Describe):						
COMPONENTS						
Name	Joint Efficiency	Outside Diameter(in.)	Head Type	Material Type	Stress Value (PSI)	Nominal Thickness(Inch)
SHELL	0.85	24.00		Unknown	15000	
HEAD	1.00	24.00	Flat	Unknown	15000	
GENERAL COMMENTS						
PREVIOUS TAG# 3008834						
PIC: 95 - 98.						



OWNER	NORTHERN BLIZZARD	EQUIPMENT #	1000218
EQUIPMENT NAME	FLARE KNOCKOUT DRUM	SERIAL #	F-1018
REGISTRATION #	N/S	INSPECTION DATE	OCTOBER 13, 2010
NOTES			

ULTRASONIC CORROSION SURVEY REPORT

EQUIP NAME: FLARE KNOCKOUT DRUM

SERIAL #: F-1018

DISTRICT: North

PROV REG:

CRN:

FACILITY: Morgan

EQUIP #: 1000218

LSD: 10-34-051-04W4

SUMMARY

TYPE	LAST INSPECTION	INSPECTION INTERVAL (YEARS)	CORROSION RATE (IN/YR)		REMAINING HALF LIFE (YEARS)	GOVERNING INSPECTION INTERVAL	NEXT INSPECTION DATE
VESSEL	Oct 13, 2010	5.0	0.0000	0.0000	99.0	REGULATORY	Oct 13, 2015
PIPING	Oct 13, 2010	5.0	0.0000	0.0000	99.0		

VESSEL SURVEY READINGS

POINT NUMBER	TYPE	POINT DATA (INCH)			DATE	SURVEY READINGS		T Req (inch)	CALCULATIONS		
		NOM.	C.A.	NOM-CA		LOW	AVG		short term corr rate	long term corr rate	remaining half life
05	Shell	0.0000	0.0000	0.0000	Oct 13/10	0.276	0.280	0.014	0.0000	0.0000	99.0

PIPING SURVEY READINGS

POINT NUMBER	TYPE	POINT DATA (INCH)			DATE	SURVEY READINGS		T Req (inch)	CALCULATIONS		
		NOM.	Mill Tol./CA	NOM- CA		LOW	AVG		short term corr rate	long term corr rate	remaining half life
10	90L 8 STD	0.3220	0.0403	0.2818	Oct 13/10	0.302	0.315	0.003	0.0000	0.0000	99.0
15	90L 6 STD	0.2800	0.0350	0.2450	Oct 13/10	0.288	0.300	0.002	0.0000	0.0000	99.0

Field Inspection Report

- Northern Blizzard Resources Inc

1,053

Registration #:		Equipment Name:	FLARE KNOCKOUT DRUM	Province:	
District:	North	LSD:	10-34-051-04W4	Location:	Morgan
CRN:		Skid Number:		Service:	
Manway:	No	Coating:		Equipment Number:	1000218
MAWP (psi):	15.00 (psi)	Temp:	150.00 (F)	Serial Number:	F-1018
Outstanding NCR's:	No	No.:	0		
General:					

Safety Valves

Side:	MAWP (psi)	MAWP (kPa)	PSV No.	Set Press (psi)	Set Press (kPa)	Capacity Imperial	Imperial Units	Capacity Metric	Metric Units
	15.00	103.42			0.00		SCFM		
Status:	Operating		Examination Methods:			Access:	EXTERNAL		Cleaning:

External Inspection

Inspection Date:	Oct 13, 2010	Inspection Interval:	60	Next Insp. Date:	Oct 13, 2015
<u>Item</u>	<u>Condition</u>	<u>Inspection Comments</u>			
Insulation	Accept	IN GOOD CONDITION.			
External Condition	N/A				
Leakage	Accept	NO LEAKAGE.			
Skirt/Saddle	Accept	IN GOOD CONDITION.			
Anchor Bolts	Accept	SECURE, IN GOOD CONDITION.			
Concrete Foundation	N/A	STEEL PLATFORM.			
Ladder/Platform	N/A				
Nozzle	Accept	IN GOOD CONDITION.			
Gauges	N/A	NOT ATTACHED.			
External Piping	Accept	IN GOOD CONDITION.			
Valving	Accept	IN GOOD CONDITION.			
PSV	N/A	VESSEL IS ATMOSPHERIC.			
NDE Methods	Accept				
Other	N/A				
Recommendations:	FIT FOR SERVICE.		Inspected By:	Jamey Tanasichuk	ABSA PESL #: 000411

INSPECTOR : I have witnessed/done the above inspections and certify that they have been done in accordance with our approved manual and that the information is accurate. I certify that the status of the Pressure equipment detailed here is:

Suitable to be returned to service:

Repairs complete(AB-40 attached):

Repairs are still required:

Suggested Inspection interval:

Inspector: Jamey Tanasichuk

ABSA PESL #: 000411

Signature: _____

Date: Oct 13, 2010



NAMEPLATE



OVERALL

OWNER	NORTHERN BLIZZARD RESOURCES	NOTES
EQUIPMENT NAME	FLARE KNOCKOUT DRUM	
REGISTRATION #	N/S	
EQUIP NUMBER	1000218	
SERIAL NUMBER	F-1018	