

GENERAL PRESSURE VESSEL INFORMATION						
District: Slave Lake			Skid No.: BP16			
Facility: Brintnell Pads			Location (LSD): 13-22-081-22W4			
Name & Equip No: FLARE KNOCK OUT - N/S			Orientation: Horizontal			
Company: CNRL			Cost Code:			
Status: Shut-In			Operating Province: Alberta			
Unit:						
ABSA						
Plant:			Vessel:			
Process:			Special:			
Amount(\$):						
PRESSURE VESSEL NAMEPLATE DATA						
Registration Number: 0429774			Registration Number (Other):			
Serial Number: L960K1V100			CRN Number: N6415.2			
MAWP: 50.00 (psi)		344.74 (Kpa)	AT temperature: 100.00 (F)		37.78 (C)	
Size (diam. x length): 60.00 x 120.00(In) 1524.00 x 3048.00 (mm)			Manufacturer: PLAINS OIL LTD.			
X-Ray: RT3			Lining Or Coated:			
Year Built: 1997			Heat Treatment: Yes			
Code parameters: UW12B			Corrosion allowance: (In) 0.00 (mm)			
			Manway: Yes			
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: 50 (psi)			
Stress Value: 20000 (psi)			E Value: 1			
Comments:						
SERVICE CONDITIONS-INDICATE ALL THAT APPLY						
Sweet	Sour ✓	Oil	Gas	Water		
Amine	LPG	Condensate	Air	Glycol		
Other (Describe):						
COMPONENTS						
Name	Joint Efficiency	Outside Diameter(In.)	Head Type	Material Type	Stress Value (PSI)	Nominal Thickness(Inch)
SHELL	0.85	60.00		SA-516 70	17500	0.37
HEAD	1.00	60.00	Ellipsoidal	SA-516 70	17500	0.34
GENERAL COMMENTS						
PICS: 490 - 495.						



OWNER	CNRL	EQUIPMENT #	N/S
EQUIPMENT NAME	FLARE KNOCKOUT	SERIAL #	1960K1V1001
REGISTRATION #	0429774	INSPECTION DATE	APRIL 14, 2011
NOTES			

ULTRASONIC CORROSION SURVEY REPORT

EQUIP NAME: FLARE KNOCK OUT	SERIAL #: L960K1V100	DISTRICT: Slave Lake
PROV REG: 0429774	CRN: N6415.2	FACILITY: Brintnell Pads
EQUIP #: N/S		LSD: 13-22-081-22W4

SUMMARY

TYPE	LAST INSPECTION	INSPECTION INTERVAL (YEARS)	CORROSION RATE (IN/YR)		REMAINING HALF LIFE (YEARS)	GOVERNING INSPECTION INTERVAL	NEXT INSPECTION DATE
VESEL	Apr 14, 2011	4.0	0.0000	0.0000	99.0	REGULATORY	Apr 14, 2015
PIPING							

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	Head	0.3440	0.0000	0.3440	Apr 14/11	0.389	0.405	0.085		0.0000	0.0000	99.0
10	Shell	0.3740	0.0000	0.3740	Apr 14/11	0.412	0.415	0.101		0.0000	0.0000	99.0
15	Shell	0.3740	0.0000	0.3740	Apr 14/11	0.411	0.420	0.101		0.0000	0.0000	99.0

Field Inspection Report - CNRL

1,529


Registration #:	0429774	Equipment Name:	FLARE KNOCK OUT	Province:	Alberta
District:	Slave Lake	LSD:	13-22-081-22W4	Location:	Brintnell Pads
CRN:	N6415.2	Skid Number:	BP16	Service:	
Manway:	Yes	Coating:		Equipment Number:	N/S
MAWP (psi):	50.00 (psi)	Temp:	100.00 (F)	Serial Number:	L960K1V100
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
	50.00	344.74			0.00		SCFM		
Status:	Shut-In		Examination Methods:			Access:	EXTERNAL		Cleaning:

External Inspection

Inspection Date:	Apr 14, 2011	Inspection Interval:	48	Next Insp. Date:	Apr 14, 2015
Item	Condition	Inspection Comments			
Insulation	Accept	IN GOOD CONDITION.			
External Condition	Accept	INSULATED.			
Leakage	Accept	NO LEAKS OBSERVED.			
Skirt/Saddle	Accept	IN GOOD CONDITION.			
Anchor Bolts	Accept	SECURE.			
Concrete Foundation	N/A				
Ladder/Platform	N/A				
Nozzle	Accept	IN GOOD CONDITION.			
Gauges	Accept	IN GOOD CONDITION.			
External Piping	Accept	INSULATED.			
Valving	Accept	NO VISIBLE LEAKS.			
PSV	N/A	VENTS TO FLARE.			
NDE Methods	Accept	UT/VT.			
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:	Yes	Repairs complete(AB-40 attached):	
Repairs are still required:		Suggested Inspection interval:	48
Inspector:	Jamey Tanasichuk	ABSA PESL #:	000411
Signature:			Date: Apr 14, 2011



NAMEPLATE



OVERALL

Blank area for additional information or notes related to the Nameplate image.

Blank area for additional information or notes related to the Overall image.

Blank area for additional information or notes.

Blank area for additional information or notes.

OWNER	CNRL	NOTES
EQUIPMENT NAME	FLARE KNOCKOUT DRUM	
REGISTRATION #	0429774	
EQUIP NUMBER	N/S	
SERIAL NUMBER	L960K1V100	