

Client: EOG Canada Oil & Gas

PRESSURE EQUIPMENT DATA REPORT

		FC			IERAL INFO							
District:	Norf	theast BC										
		KHAMISH	-									
Facility:									- 1			
Location /LSD:		36-1/094-	-		Operatii	ng Provinc	e: B	ritish Co	olumbia			
Equipment Name	e: PAR	RTICLE F	ILTER									
Equipment Statu	s: Ope	erating			Orienta	tion:	Ve	ertical				
Skid No.:					Unit:		E	OG PC	0# 09-137	•		
			EQUI	PMEN	T STATIC L	DATA						
AB Registration No.:	059329	6			Serial No.:		2009-8035	-08				
Registration No./Other:					Equipment	No.:	10938					
CRN NO.:	V-0537.2	213			Unique ID N	lo.:						
National Board No.:					Oncor ID N	o.:	60563					
Manufacturer:	ALCO G	AS & OIL	1		Year Built:		2010					
MAWP:	250.00	(psi)	1723.70	(Kpa)	Temperatur	e:	200.00	(F)	93.33	(C)		
Diameter.:	8.625	(In)	219.075	(mm)	Length:		44.00	(In)	1117.60	(mm)		
Radiography:	adiography: RT1				Heat Treatm	nent:	Yes					
Corrosion allowance:	0.125	(In)	3.175	(mm)	MDMT:							
Lining Or Coated:					Painted:							
Insulated:	sulated:					Internally Clad:						
Hand Hole:				Support Ty								
Manway:	No				Manway Siz							
Capacity/Volume(m3):			14AT-		Nozzle Rati	•						
				RIALS	COMPON					<u> </u>		
Name	Joint Efficiency	Outside Diameter	-	Head	Гуре	pe Materia Type		Stress Value (PSI)		ninal 1ess(In.)		
SHELL	1.00	8.625				SA-106 B	17100		0.32			
HEAD	1.00	8.625	5	Ellip	soidal	SA-350 LF2	2 2	0000		0.66		
		I	PI	PING S	STATIC DAT	A						
Primary Flange Rating	:					- Table 2-1.1 @	150F:		(psi)			
Pressure Use For TMir						g Operating Press:			250 (psi)			
Stress Value:	20000	(ps	si)		E Value:		1.00	Joint:				
				RVICE	CONDITIO	NS		1				
weet Sour 🗸 Oil					Gas			Water				
Amine	LPG		Co	ndensat		Air		Gly	col			
				COI	<i>MENTS</i>							
RICH TEG PARTICULATE LOCATION TAKEN FROM PICS: 5290-5292												



TOTAL INTEGRITY MANAGEMENT SOLUTIONS

Woe

Quality Services

EXAMINATION ILLUSTRATION

DISTRICT:	Northeast BC FACILITY:		MAXHAMISH	LOCATION/LSD:	D-036-I/094-O-14
EQUIP NAME:	PARTICLE FILTER			PROV REG No.:	0593296
SERIAL No.:	2009-8035-08	Equip No.:	10938	National Board No.:	





OWNER: EOG	SERIAL # 2009-8035-08	NOTES
EQUIPMENT NAME: PARTICLE FILTER	NB#	
REGISTRATION # 593296	OWNER ID	
EQUIPMENT # 10938		

Client: EOG Canada Oil & Gas

TOTAL INTEGRITY MANAGEMENT SOLUTIONS

Wasta

Quality Services

ULTRASONIC CORROSION SURVEY REPORT

DISTRIC	T:	Northeast B	C		FACILIT	ACILITY: MAXHAMISH				LOCAT	LOCATION/LSD:			D-036-I/094-O-14		
EQUIP N	NAME: PARTICLE FILTER									PROV REG No.: 0593296						
SERIAL N	No.:	2009-8035	035-08 Equip No.: 10938 N						Nationa	al Board I	No.:					
SUMMARY																
LAST INSPECTION INTERVAL CORROSION RATE (IN/YR) REMAINING LIFE										NEXT INSPECTION DATE						
		PECTIONS		(YEARS)		SHORT TERM LONG TERM			(YEA							
VESSEL	Oc	t 20, 2011		4.0		0.00	0.0016 0.0016		157	<u> </u>		Oct 2	20,	2015		
PIPING																
					VESS	EL SUR	VEYF	READ	INGS							
			POI	NT DATA (INC	CH)		5	SURVE	READING	S			CALCUL	ATIO	NS	
POINT NUMBER		TYPE	NOM.	C.A.	NOM-CA	DATE	E	LOW	AVG	T Req short (inch) term cor			long term		remaining life	
05	S	HELL (0.3220	0.1250	0.1970	Oct 20/	Oct 20/11 0.319 0.325		0.063	0.0006		0.00	006	427.2		
10	S	HELL (0.3220	0.1250	0.1970	Oct 20/	Oct 20/11 0.314 0.325		0.063	0.0016		0.00	016	157.1		
INSPECTOR-EQUIPMENT DATA																
Inspecte	d By	Sigr	nature	co	SSB Level	CGSB No.	Surve	y Dat	UT Equipment			Due Date OF Calibration		NDE	Procedure #	
							10/20/	/2011						WQ	S UT-001	

Client:

Quality Services EOG Canada Oil & Gas

TOTAL INTEGRITY MANAGEMENT SOLUTIONS

Wastar

VISUAL INSPECTION REPORT

District:	Northeast BC		Facility:	AXHAMISH		Location/LSD:	D-01	36-1/094-0-14					
	PARTICLE FILT	FR	,										
Equipment Name:							Prov Reg No. :	059.	3296				
Serial No.:	2009-8035-08		Equip No.:	10	938	National Board No.:							
EXTERNAL INSPECTION													
INSPECTION DATE:	Oct 20, 2011	INSP		AL:	48		NSPECTION DATE:	Oct 20	, 2015				
ITEM			CONDITION	INS	SPECTION COMMEN	ITS							
INSULATION			N/A										
EXTERNAL CONDITI	ON		ACCEPT	EPT IN GOOD CONDITION.									
LEAKAGE			CONCERN	LIC	QUID DRIPPING FRO	OM THE TOP	P CAP.						
SKIRT/SADDLE			ACCEPT	IN	GOOD CONDITION								
ANCHOR BOLTS			ACCEPT	SE	ECURE.								
CONCRETE FOUND	ATION		N/A	M	ETAL FLOOR-IN GO	OD CONDITI	ION.						
LADDER/PLATFORM	l		N/A										
NOZZLE			ACCEPT	IN	GOOD CONDITION								
GAUGES			ACCEPT	T IN GOOD CONDITION.									
EXTERNAL PIPING			ACCEPT	WELL SUPPORTED.									
VALVING			CCEPT WELL SUPPORTED.										
PSV			ACCEPT PSV SET AT 25 PSI ON 01/2010.										
NDE METHODS			ACCEPT	PT UT/VT.									
OTHER			N/A										
			RECO	ЭМІ	MENDATIONS	S:							
ENSURE TOP HEAD/				_									
-	ove inspections and cer	tify that they ha	ive been done in ac	corda	ince with our approved	manual and t	hat the information is accur	ate.					
Inspector: Justin Ori	chowski	ABSA PESL #:	758	Signature: Date: Oct 20, 2017									
			REF	POF	RT SIGN-OFF								
Where required , the	above reports has b	een reviewed	l and accepted as	s not	ed below:								
WQS Supervisor N													
WQS Supervisor T				Cert No.:									
				Date:									
WQS Supervisor Signature/Date: Date: Where required , the above reports has been reviewed and accepted as noted below: Date:													
Client Supervisor Name:													
Client Supervisor													
Client/Supervisor	Signature/Date:				Date:								



TOTAL INTEGRITY MANAGEMENT SOLUTIONS

Wactor

PRESSURE RELIEF VALVE SUMMARY

PSV STATIC DATA Tag/Equip No.: 10938 Serial No.: 557740 Manufacturer: MERCER CRN No.: OG8841.5C Model No.: 91-17D51T03HXF Code Stamp: OG8841.5C Side (Shell or Tube): Shell Outlet Size: 1 Side (Shell or Tube): Shell Outlet Size: 1 Inlet Size: 1 Outlet Type / ANSI Rating: / Image: Market State St	District:	Northeast	BC	Facility:	MAXHAN	MAXHAMISH			n/LSD:	D-036-I/094-O-14		
Manufacturer: MERCER CRN No.: OG8841.5C Model No.: 91-17D51T03HXF CGRN No.: OG8841.5C Side (Shell or Tube): Shell Outlet Size: 1 Inlet Size: 1 Outlet Type / ANSI Rating: / Inlet Type / ANSI Rating: / Set Date: 1 Jan, 2010 Service Interval: 48 Set Pressure (psig) 25 Capacity (scfm): Service Company: CAPACITY 17 GPM WATER. Next Service Date: 1 Jan, 2014 COMMENT PROTECTED Prov Reg No. Equipment No. Serial No. Equipment Name Status MAWP 0593296 10938 2009-8035-08 PARTICLE FILTER Operating 250.00	PSV STATIC DATA											
Markature Intervent Outer Stamp: Model No.: 91-17D51T03HXF Code Stamp: 1 Side (Shell or Tube): Shell Outlet Size: 1 Inlet Size: 1 Outlet Size: 1 Inlet Size: 1 Outlet Size: 1 Inlet Size: 1 Outlet Type / ANSI Rating: / Inlet Type / ANSI Rating: / / Set Date: 1 Jan, 2010 Service Interval: 48 Set Pressure (psig) 25 Capacity (scfm): Service Company: CAPACITY 17 GPM WATER. EQUIPMENT PROTECTED Prov Reg No. Equipment No. Serial No. Equipment Name Status MAWP 0593296 10938 2009-8035-08 PARTICLE FILTER Operating 250.00	Tag/Equip No	b .:	10938			Serial No.:		557740				
Side (Shell or Tube): Shell Outlet Size: 1 Inlet Size: 1 Outlet Size: 1 Inlet Size: 1 Outlet Type / ANSI Rating: / Inlet Type / ANSI Rating: / Outlet Type / ANSI Rating: / Inlet Type / ANSI Rating: / PSV SERVICE DATA Set Date: 1 Jan, 2010 Service Interval: 48 Set Pressure (psig) 25 Capacity (scfm): Service Company: Next Service Date: 1 Jan, 2014 Comments: CAPACITY 17 GPM WATER. Next Service Date: 1 Jan, 2014 Prov Reg No. Equipment No. Serial No. Equipment Name Status MAWP 0593296 10938 2009-8035-08 PARTICLE FILTER Operating 250.00	Manufacture	r:	MERCER			CRN No.:			OG8841.5	С		
Inlet Size: 1 Outlet Type / ANSI Rating: / Inlet Type / ANSI Rating: / / PSV SERVICE DATA Set Date: 1 Jan, 2010 Service Interval: 48 Set Pressure (psig) 25 Capacity (scfm): Service Company: Next Service Date: 1 Jan, 2014 Comments: CAPACITY 17 GPM WATER. Next Service Date: 1 Jan, 2014 Prov Reg No. Equipment No. Serial No. Equipment Name Status MAWP 0593296 10938 2009-8035-08 PARTICLE FILTER Operating 250.00	Model No.:		91-17D51T03	HXF		Code Stamp:						
Intervalue Outlet Type / ANSI Rating: / Inlet Type / ANSI Rating: / Inlet Type / ANSI Rating: / PSV SERVICE DATA Set Date: 1 Jan, 2010 Set Pressure (psig) 25 Capacity (scfm): Service Company: Next Service Date: 1 Jan, 2014 Comments: CAPACITY 17 GPM WATER. Prov Reg No. Equipment No. Serial No. Equipment Name Status MAWP 0593296 10938 2009-8035-08 PSV SUMMARY 250.00	Side (Shell o	r Tube):	Shell			Outlet Size:			1			
PSV SERVICE DATA Set Date: 1 Jan, 2010 Service Interval: 48 Set Pressure (psig) 25 Capacity (scfm):	Inlet Size:		1			Outlet Type / ANS	I Ratin	ig:		1		
Set Date: 1 Jan, 2010 Service Interval: 48 Set Pressure (psig) 25 Capacity (scfm):	Inlet Type / ANSI Rating: /											
Set Pressure (psig) 25 Capacity (scfm): Service Company: Next Service Date: 1 Jan, 2014 Comments: CAPACITY 17 GPM WATER. I Jan, 2014 Prov Reg No. Equipment No. Serial No. Equipment Name Status MAWP 0593296 10938 2009-8035-08 PARTICLE FILTER Operating 250.00					PSV	SERVICE DAT	Ά					
Service Company: Next Service Date: 1 Jan, 2014 Comments: CAPACITY 17 GPM WATER. Frov Reg No. Equipment No. Serial No. Equipment Name Status MAWP 0593296 10938 2009-8035-08 PARTICLE FILTER Operating 250.00	Set Date:	Set Date: 1 Jan, 2010				Service Interval:	ervice Interval: 48					
Comments: CAPACITY 17 GPM WATER. EQUIPMENT PROTECTED Prov Reg No. Equipment No. Serial No. Equipment Name Status MAWP 0593296 10938 2009-8035-08 PARTICLE FILTER Operating 250.00 PSV SUMMARY	Set Pressure	Set Pressure (psig) 25				Capacity (scfm):	ipacity (scfm):					
Prov Reg No. Equipment No. Serial No. Equipment Name Status MAWP 0593296 10938 2009-8035-08 PARTICLE FILTER Operating 250.00 PSV SUMMARY	Service Com					Next Service Date:	ate: 1 Jan, 2014					
Prov Reg No.Equipment No.Serial No.Equipment NameStatusMAWP0593296109382009-8035-08PARTICLE FILTEROperating250.00PSV SUMMARY	Comments:		CAPACITY 17 GF	M WATER.								
0593296 10938 2009-8035-08 PARTICLE FILTER Operating 250.00 PSV SUMMARY					EQUIPI	MENT PROTEC	TED	I				
PSV SUMMARY	Prov Reg No. Equipment No. Serial No.					Equipment N	Equipment Name			Status	MAWP	
	0593296		10938	2009-8035	-08	PARTICLE F	PARTICLE FILTER			Operating	250.00	
PSV service is past due.	PSV SUMMARY											
	PSV service is	past due.										