

## FUEL GAS SCRUBBER INSPECTION REPORT

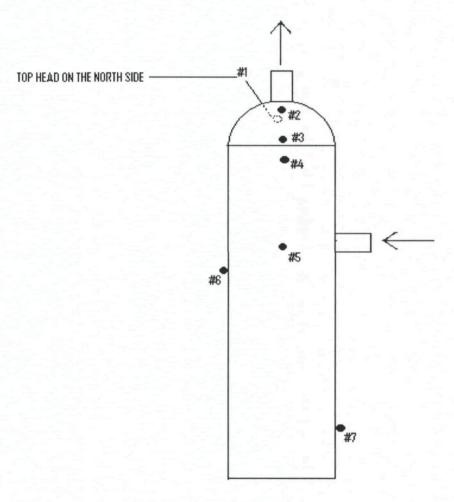
Page: 1 of 2

FACILITY:	ACILITY:   BIG GULLY FIELD   DATE:   OCTOBER 20, 2005   REPORT #: IR051020GEN					lh								
AREA SUPERVISOR: DENNIS I					/IcKAGUE	KAGUE			COST CENTRE: 78175					
STATIC DATA														
Alberta Reg. #:	N	I/A				V: F-6388.2	3		Nation	al Board #	:	-		
<b>Equipment Num</b>		2020072				er: <b>6036043</b>				any I.D. #:	BC-1	61244	1	
Manufacturer:		JV GASFII			S LTD.			l Number:	2268					
Equip. Description		UEL GAS	SCRUBI					tion (LSD):	14-05	-050-24W3				
Equipment Tag		-		Year		08/1993		sel Class:			-			
Province Installe	ed: S	ASKATCH	EWAN		R	egistration #	t: S	-19927	Skid /	Building #:	E	3C-16	1242	
	1035	Kpa @	38	°C	MDMT:	-	°C	Code:	AS	ME UM	Capacit	y:	-	m3
Radiography:	NO	P.W.H.T.	N	0	Position		ICAL	Support:	_	-		-		
Manway:	NO	Size:	-	mm	Nozzle F			External	Coating	YES	Insulate	d:	NO	
Diameter:	219		ength:	S/S	762			Length:		-	mm			
Internal Coating:						Inter	nal Cladd				-			
Inspection Port:	NO	Size #1:	- m	nm Loc	cation:	-		Size #2:	- m	m Location	n:			
			Mater	rial			Thickn	ness		Corr	osion A	llowa	nce	
Shell			SA-10				8.10		mm		3.17		r	mm
Top Head			SA-234\				7.16		mm		3.17		r	mm
Bottom Head			SA-516	6-70			19.05		mm		3.17		r	mm
Inlet Nozzle Nec			-				-		mm		-		r	mm
Inlet Nozzle Flan			-				-		mm		-		r	mm
Outlet Nozzle Ne			-						mm					mm
Outlet Nozzle Fla	ange								mm		-		r	mm
		ATUDAL			P	ROCESS D	ATA			10.	10			
Product Descrip Operating Press		IATURAL C									Swee	t		
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Office and the second		(S53)(22)	150			V STATIC	DATA			20	90 m	Table 3	°C	0
Equipment Nur	nber:	Sorial N		<u> </u>	PS	Notificat	DATA ion Num	ber:			-   Ra	ok Dr		
Office and the second	nber:		lumber:	-	Compa	Notificatiny I.D. #:	DATA ion Num Set Pr	ber: essure:		apacity:			essur	e:
Equipment Nun Tag Number:	nber:	93C	lumber: 2053	-	Compa BC-1	Notificating I.D. #:	DATA ion Num Set Pr 862	ber: essure:	253	apacity:	1	0	essur Kr	e:
Equipment Nur	nber:	93C: <b>Model # / T</b>	lumber: 2053 Type:		Compa	Notificating I.D. #: 61245	DATA ion Num Set Pr 862 ODE STA	ber: essure:		apacity:	1	0	essur Kr	e:
Equipment Nun Tag Number: - Manufacture	nber:	93C	lumber: 2053 Type:		Compa BC-1 CRN:	Notificat ny I.D. #: 61245 C	DATA ion Num Set Pr 862 ODE STA	ber: ressure: Kpa	253 Size:	apacity: 3 SCFM Rating:	Outlet S	O Size:	essur Kr	e: pa ng:
Equipment Nun Tag Number: - Manufacture	nber:	93C: <b>Model # / T</b>	lumber: 2053 「ype: 19-111	Lo	Compa BC-1 CRN: O1832.52 cation of	Notificat ny I.D. #: 61245 C	DATA ion Num Set Pr 862 DDE STA	ber: ressure: Kpa	253 Size:	apacity: 3 SCFM Rating:	Outlet S	O Size:	Ratir	e: pa ng:
Equipment Nun Tag Number: - Manufacture CONSOLIDAT	nber:	93C: <b>Model # / T</b> 990C-XLC1	lumber: 2053 [ype:   19-111	<b>Lo</b> E OF F	Compa BC-1 CRN: O1832.52 cation of	Notificat ny I.D. #: 61245 C PSV: S SCRUBBE	DATA ion Num Set Pr 862 DDE STA JV N	ber: ressure: Kpa MMP Inle NB 25	253 Size:	apacity: 3 SCFM Rating:	Outlet S	O Size: mm	Ratir	e: pa ng:
Equipment Nun Tag Number: - Manufacture CONSOLIDAT	nber:	93C: <b>Model # / T</b> 990C-XLC1	lumber: 2053 [ype:   19-111	<b>Lo</b> E OF F	Compa BC-1 CRN: O1832.52 cation of UEL GAS	Notificat ny I.D. #: 61245 Colored PSV: 6 SCRUBBE	DATA ion Num Set Pr 862 DDE STA JV N	ber: ressure: Kpa MMP Inle NB 25	253 Size:	apacity: 3 SCFM Rating:	Outlet S	O Size: mm	Ratir	e: pa ng:
Equipment Nun Tag Number: - Manufacture CONSOLIDAT	nber:	93C: <b>Model # / T</b> 990C-XLC1	lumber: 2053 [ype:   19-111	Lo E OF F	Compa BC-1 CRN: O1832.52 cation of UEL GAS	Notificat ny I.D. #: 61245 C0 PSV: 6 SCRUBBE PECTION D e Required:	DATA ion Num Set Pr 862 DDE STA JV N ER ETAILS VE, UT VE, UT	ber: ressure: Kpa AMP Inle NB 25	253 Size:	apacity: 3 SCFM Rating:	Outlet S	O Size: mm	Ratir	e: pa ng:
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Equipment Num Tag Number: - Manufacture CONSOLIDAT  Inspection Reas Inspection Test Last Inspection I	nber:	93C: Model # / 7 990C-XLC1 Code Insp	lumber: 2053 Type:   19-111 SIDE	Lo OF F Inspe	Compa BC-1 CRN: O1832.52 cation of UEL GAS INSF ection Type ection Type Inspection	Notificat ny I.D. #: 161245  PSV: S SCRUBBE PECTION D e Required: e Used: n Type:	DATA ion Num Set Pr 862 DDE STA JV N ER ETAILS VE, UT VE, UT NO	ber: ressure: Kpa AMP Inle NB 25	Size:	apacity:  S SCFM Rating: - #	Outlet S	0 Size: mm ervice 04/2	Ratir Date	e: pa ng: #
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Equipment Num Tag Number:	on: Plan#: Date: Due:	93C: Model # / 1 990C-XLC1  Code Insp 201  the Vessel rved, this verted the vessel rved this verted the vessel rved.	SIDE	Lo OF F Inspe Inspe Next Outst	Compa BC-1 CRN: O1832.52 cation of UEL GAS INSE ection Type ction Type tanding Re INSPI s done by mended fi	Notificat Iny I.D. #:  61245  PSV: SCRUBBE PECTION D Re Required: Figure Used: Type: PECTION SU  UT and VE It for service	DATA ion Num Set Pr 862 DDE STA JV N ER ETAILS VE, UT VE, UT VE, UT NO IMMARY inspectio	ber: ressure: Kpa AMP Inler NB 25	Size:	apacity:  S SCFM Rating: - #	Outlet S	0 Size: mm ervice 04/2	Ratir Date	e: pa ng: #
Equipment Num Tag Number:  Manufacture CONSOLIDAT  Inspection Reas Inspection Test Last Inspection Next Inspection -An inspection to -No defects were -There are no re	on: Plan#: Date: Due:	93C: Model # / 1 990C-XLC1  Code Insp 201  the Vessel rved, this verted the vessel rved this verted the vessel rved.	SIDE	Lo OF F Inspe Inspe Next Outst	Compa BC-1 CRN: O1832.52 cation of UEL GAS INSE ection Type cation Type tanding Re INSPI s done by mended fi REC	Notificat Iny I.D. #: 61245 C2 PSV: S SCRUBBE PECTION D Re Required: Required: Repairs: ECTION SU  UT and VE it for service	DATA ion Num Set Pr 862 DDE STA JV N ER ETAILS VE, UT VE, UT NO MMARY inspection	ber: ressure: Kpa AMP Inler NB 25	Size:	apacity:  S SCFM Rating: - #	Outlet S	0 Size: mm ervice 04/2	Ratir Date	e: pa ng: #
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Page: 2 of 2

FACILITY:	BIG G	<b>GULLY FIELD</b>	DA	TE: OCT	OBER 20, 2005	REPORT #	: IR051020GENh
V			INSPECTION (				
Bullet all a second	Signature of the		NON COMPLI	ANCES ISSU	JED		
-No NCR' s were is	ssued at this ti	me.					
	VIANTE DE CONT.	INS	SPECTION DEF	ICIENCIES	ISSUED	CALLER CALLARY	
-No IDRs were issu	ued at this tim	e.					
	and the same	E	XTERNAL VIS	UAL INSPEC	CTION		
-The nameplate, in -The vessel's grou -The vessel is pain -The skid piping is -The scrubber is be -The anchor bolts a -There is no acces -There are no appa -The vessel is prot	nd connection ted with no no painted with no olted to the skare in fair cond s to the bottor arent leaks in the conderent leaks in the co	is through the potable coating de notable defect id floor. dition. In head. the system.	iling. fects. s.	are in fair co	ndition.		
			EVTED	NAL NDE		SHALLS ALMIN SPECIAL TEN	
	ibutati i kalesi	ey its of R.P. minden	EXIER	NAL NDE	The Part September 19 September	Step Billion Education	
-UT inspections we -The UT readings a -See the UT report	are above non	ninal.		Ltd.			
	I strategickie		NTERNAL VISI	JAL INSPEC	TION	E VRESTOR S	The second
-There was no inte	rnal inspection	n performed at th					
Philippin Charles			INTER	NAL NDE			
-There was no inte	rnal NDE perf	ormed at this tim		-			
T+ Ol-tt-	T - 4			RE TESTS		D	
Test Completed:	- Test	Pressure:	- Kpa   10	est Acceptab		: Report #:	-
I the undersi	aned certify th	nat the equipmen			pected in accorda	de with the	assigned task list
,,	and that the	statements withi	n this report are	correct and	represent my ins	ection finding	as.
External Inspec			ctor's Certificat		Inspector's		Date:
Guy Nor		API 510, 6	53, ABSA PES	L, NACE	(1)	<i>V</i>	October 28, 2005
Internal Inspec	tor's Name:	Inspector's Certification:			Inspector's S	s Signature: Date:	
-		1 = 1 = 110 = = 0	-		-V		
Increasions					SCHEDULE CO		
Inspector's RAY TRAI		Inspe	ector's Certificat	ion.	Inspector's S	gnauare.	Date:
Vessel Inspection		Leave "As Is":	Change to:	PSV Inen	ection Interval:	Leave "A	as Is": Change to:
5	Years	LOGVO ASIS.	Years	5	Years		Years
Office Use Only:		ered to SEQA Da		30 Katra			DV. 1/05
,	•	Verified by:	, _			Date:	

INSPECTION SERV	OT III	OT INST ECTION REPORT								
FACILITY:	BIG GULLY	DATE:	OCT	OBER 20, 20	005	REPORT #:	RT #: IR051020GENh			
AREA SUPERVISOR:		DENN	IIS McKAGUE	de Ward			COST CENTR	E: 781	75	
Complete Com			STATIC DA	ATA		LI SCHOOL STREET		SECTION AND ADDRESS OF THE PARTY OF THE PART	mle in the state of	
Alberta Reg. #:	N/A	C	RN: <b>F-6388.23</b>	F-6388.23			Board #:		-	
Equipment Number: 62020072 Notification Number:			er: 6036043	6036043			/ I.D. #:	BC-161244		
Manufacturer: RJV GASFIELD SERVICES LTD.				Serial Number:			2268			
Equip. Description: FUEL GAS SCRUBBER				Location (LSD):			14-05-050-24W3			
Equipment Tag #: - Year B			08/1993	08/1993 Vessel Class:						
Province Installed: SASKATCHEWAN			Registration #:		S-19927 Skid / Bui		ilding #:	BC-16	1242	
MAWP: 103:	5 Kpa @	38 °C MDMT:	-	°C	Code:	AS	SME UM	Capacity:	- m3	
Diameter: 219	mm Length:	S/S 7	<b>'62</b> mr	n Overall Le	ngth:	L		mm		
Annual Control of the		Material		Thickn	ess	A-1	C	orrosion Allowand	e	
Shell		SA-106B		8.10		mm		3.17	mm	
Гор Head	Si	A-234WPB		7.16			mm		mm	
Bottom Head		SA-516-70		19.05		mm		3.17	mm	
Product Description:	NATURAL GAS			Endo I			Service:	Sweet		
The state of the s		March Comments of the	PSV STATIC	DATA			P. T. S.	Sandal T. L. S.	and the second section of	
Tag Number:	Serial Numb	er: Co	mpany I.D. #:	Set P	ressure:			Back Pr	Back Pressure:	
-	93C2053		BC-161245	862	Kp	a 253	SCFM	0	Kpa	
Manufacturer:	Model # / Type:	CRN	:	CODE STA	MP Ir	let Size:	Rating:	Outlet Size:	Rating:	
CONSOLIDATED	1990C-XLC19-111			UV	NB 2	25 mm	- #	25 mm	- #	
		Location	of PSV:	SV:			Service	Service Date:		
		SIDE OF FUEL G	AS SCRUBBER	BER			04/2	04/2003		



BC-161244 Looking North

161244	NOMINAL	UT READING	
Market State		2005	
LOC 001	0.282	0.403	
LOC 002	0.282	0.402	
LOC 003	0.282	0.463	
LOC 004	0.319	0.369	
LOC 005	0.319	0.355	
LOC 006	0.319	0.332	
LOC 007	0.319	0.366	