## (Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only) A 491804

1. Manufactured a	nd certif	ied by		Opsco I	Energy Industrie	s Ltd., 2601 Cei	ntre Ave East, Ca	algary, AB TZ	2A 2L1	
2.Manufactured for			(Name and address of manufacturer) Penn West Petroleum Ltd., 2000, 425-1st Street S.W., Calgary, AB T2P 3L8							
3. Location of insta	illation				(Name an	d address of purch SD: 07-23-079-	aser)			
Type Vert., Absorber			02-3836-1		L	(Name and address) 071.213 V-00-QBABS36 R.P2Q2			N/A	2003
(Horiz or vert. tank)  5. The chemical and physical properties of			(Mfgr's serial No.) of all parts meet the requirements of material			(Drawing No.) specification of the ASME BOILER AN			(Nat'l Bd No) PRESSURE	(Year built)
VESSEL CODE. The design, construc			ction, and workmanship conform to ASME Rules,			es, Section VI	II, Division 1		2001	
to 2001 Addenda (date)			N/A				N/A Year			
6. Shell: SA-516-70 N			Code Case Nos. 1.375"			25"		Special service per UG-1 20(d 2' - 9.25"		5' - 0"
7. Seams: Type I			Nominal Thk.(in.) Full 100%		Corr. Allo	Corr. Allow.(in.)		in.)	Length (o	verall) (ft. & in.)
Long (VVelded Dbt. Sngt, Lap, Butt)			R.T. (Spot or Full)	100% Eff. (%)	H.T. Temp. (F)	Time (hr)	Type 1 Girth (Welded Dbl., Sngl., Lap, Butt)		*Spot R.T. (Spot, Parti or Full)	3 No. of Cours
8. Heads: (a) Mat'l			SA-5.	16-70 N		(b) Mat'l		20 20 10 10 10 10 10 10 10 10 10 10 10 10 10	16-70 N	
Location (To		l Water		No. Grade)		- 2.0			No. Grade)	
Bottom, End	100	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherica Radius	Il Flat Diameter	Side to Pre
(a) Top Botto	m	1.3125"	0.125"			2:1				Concave
(b)										Concare
if removable, bol	ts used	(describe other	r fasteners)							
9. MAWP			1345		psi at max, ten	np (Mail. :	Spec. No., Gr., Siz	ze. No.) 150 F		۰۶
Min.Design Metal		**-20	The second secon	<i>1345</i> Psi		Hydro.,pneu, c	or comb. test		2017	
	Nozzles, Inspection and safety valve op		penings: Type	Matt.					How Location	
(Inlet, O utlet, Drain)		or Size	Туре	N.	nali.	Nom. Thk.		Reinforcement Mail A		Location
Inlet	1	6"	Cl 600 RFWN			.432"			Attached g. UW-16.1(h)	
PSV/Insp/SPARE	5	2"	CPLG TOL	SA-105 N		6000#		Integral Fig. (		Shell
Equalizer/PSV	1	1.5"	TOL	SA-105 N SA-105 N		6000#		Integral Fig. U		Head
Drain	1	1.5"	NPT	SA-105 N		.400"			g. UW-16.1(a) g. UW-16.1(c)	
LGI/HECI/HECO	3		CPLG	SA-105 N		6000#	Integra		g. UW-16.1(c)	
RGO/INSP/SP/RTA WLG/TI/HCLG	12	.75"	TOL	SA-105 N SA-105 N		6000#	Integra			Shell
Outlet	1	6"	CI 600 RFWN	SA-333-Gr.6/SA-105N		.864"			g. UW-16.1(a) g. UW-16.1(c)	Shell
PI	1	.5"	TOL		105 N	6000#	Integra		g. UW-16.1(a)	
11. Supports:	Skirt	YES Lugs		Lene	Other					
		(Yes or no)	(No.)	Legs		(Describe)	Attac		Btm Head   (Where and how	1
<ol><li>Remarks: Manuf. the report:</li></ol>	acturer's	Partial Data F	Reports properly id	entified and si	igned by Comm	issioned Inspe	ctors have been	furnished fo	or the following	g items of
Impact Testing:	***	Cuannat as as as I	ICS (((-) 11/C	(Name			d identifying stamp)			
Tag No.:	- L	-600 V-500	Volume: *As per UW-11(a) and UW-51							
A No:			Volume: 161.37 cu. ft. (4.57 cu. M)  CONSTRUCTION DWG. NO.: V-03-3836-2360 R.4							
	10000		CE	RTIFICATE C	F SHOP COM		Dir G. 110., 7-03	-3030-2300	Λ.4	
We certify that the st	atement	ts made in this					truction and wo	rkmanship o	f this vessel c	on-
form to the ASME Co	ode for F	ressure Vess	els, Section VIII, D	vivision 1. 'U' (	Certificate of Au	thorization No	. 21,356	expires of	July 21, 20	
Date: <u>March 19, 2003</u> Co. Name <u>O</u>				psco Energy Industries Ltd. Signed						
(mm/dd/yy)		1100-110-110-1		(Manufacturer)				<b>U</b> (Rep	resentative)	
Vessel constructed b					OF SHOP INSF	PECTION				
I, the undersigned, h		valid commis		Industries Ltd.		Dean Was	Ca	lgary, Albert	ta, Canada	
	berta	vana commis.	and emplo		o or boner and		berta Boilers Saf			ce of
have inspected the c	ompone	nt described in	the Manufacturer	's Data Report	lon	03/19/03		and stat	e that to the h	est of
my knowledge and b	elief, the	a Manufacturer	has constructed t	his pressure v	essel in accord	ance with ASM	E code, Section	VIII. Divisie	on 1. By signir	nn this
certificate neither the	Inspect	tor nor his emp	loyer makes any w	rarranty, expre	essed, or implie	d, concerning	the pressure ves	ssel describe	ed in the Manu	-
facturer's Data Report loss of any kind	arising f	tom or connec	ted with this inspec	nis employer:	snall be liable if	n any manner t	or any personal	injury or pro	perty damage	
	19, 2003		// /	a Sam		Commis	ssions	4	Dones 175	
(mm/dd/		1 July USS	(Authorized Inspector)			(Nat'l Brd(incl.endorsments).State,Prov and No.)				