FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessel Only) (A 427655)
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1.	Manufactured a	na certin	led by	Opsco Energy Industries Ltd., 2601 Centre Ave East, Calgary, AB T24 2L1								
Manufactured for				(Name and address of manufacturer) PENN WEST PETROLEUM LTD.800-111-5 AVE.,S.W.,CALGARY,AB								
3.	Location of insta	ıllation		(Name and address of purchaser) LSD:10-21-59-13 W5M								
4.	4. Type HORIZ.,SEPARATOR (Horiz or vert. tank)				-3130-2		(Name and address) L6504.2 V-99-3130-1835 I			-	1999	
5. The chemical and physical properties				nts of material s	of material specification of the ASM		(Drawing No.) (Nati Bd No) WE ROLL 3 AND PRESSURE		(Year built)			
VESSEL CODE. The design, construc				ction, and workmanship conform to ASME Rul			es, Section VII	I, Division 1		1998		
to					(#0)				9	Year		
6	Addenda (date) Shelf: SA-516-70 N		Code Case Nos.			6.125#		vice per UG-1 20				
	Mat'l (Spec. No., Grade) Seams: Type I		Nominal Thk.(in.)					" & in.)		0' erall) (ft. & in.)		
1.			Full 100 R.T. (Spot or Full) Eff. (%)		H.T. Temp. (F)	Time (hr)	Type I Girth (Welded Dbl.,		FULL	1		
0	Singl., Lap, Butt) 8. Heads: (a) Mat'l Location (Top Minimum					13.1. Temp. (F)	325 335333	Sngl., Lap, Butt)		R.T. (Spot, Partial or Full)	No. of Course	
٥.				SA-516-70 N (Spec. No. Grade)			(b) Mat'l		SA-516-701 (Spec. No. Gra			
				Corrosion	Crown	Knuckle	Elliptical	Conical	Hemispherica		Side to Pres	
(a)	Bottom, Ends	s)	Thickness	Allowance	Radius	Radius	Ratio	Apex Angle	Radius	Diameter	(Con c/Conv)	
(b)	Top Bottom		.1875"	0.125"			2:1				Concave	
	if removable, bol	ts used (The second secon	1	L		2:1				Concave	
	MAWP		34	50		psi at max, tem	(Matl. Spec. No., Gr.,					
	Min.Design Metal	Temp.	-20	°F at 50 Psi		.*	Hydro.,pneu, o	r comb. test	75			
10.	Nozzies, inspect			Market Control			,,				ps	
Purpose (Inlet, O ullet, Drain)		No.	Diam. or Size	Туре	Mati.		Nom. Thk.	Reinforcem		How	Location	
IN/OUT		3	3"	150#-RFWN	SA-106B		.216"	Mati Integral		JW-16.1(c)		
		1"	150#-RFWN 150#-RFLWN	SA-105 N		.375"	Integral					
LI/DRAIN/BC/FH		6	2"	150#-RFWN	SA-105 N SA-106B		.500" .343"	Integral Integral		JW-16.1(c) JW-16.1(c)		
										,		
		-								-		
-58												
933									-			
11. Supports: Skirt NO				Legs 2	Other	SADDLES	Atta	ched E	THER END &	WELDED		
12	Remarks: Manuf		(Yes or no) Partial Data F	(No.) Reports properly identified and signed by Com			(Describe)			(Where and how)		
	the report:	-	, union bata /		remined and s	ngheu by Comm	issioned inspe	ctors have bee	n turnisnea t	or the tollowing	items of	
	Impact Testing:		EXEMP1	AS PER UG-20(f)	(Name	e of part, item number Radiography p		d identifying stamp) UW-11(a			
Tag No.: V-135			Volume:		31 CU. FT. (.875 CU.M.)							
Ma	partific that the es					OF SHOP COM			7			
form	n to the ASME Co	ode for F	s made in this Pressure Vessi	report are correctels, Section VIII, I	l and that all d Division 1 '11'	etails of design,	material, cons	truction and w		1		
Date			Co. Name		Energy Industri		Signed	21356	expires	/ July 21, 20	01	
	(mm/dd/yy)		_		(Manufacturer)			Rep	resentative)		
١/						OF SHOP INSP	ECTION					
	isel constructed b	- C	ualid commis		V Industries Ltd		at		algary. Alber	ta, Canada		
1, 41	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and / or the State or Province of Alberta and employed by ABSA, Alberta Boilers Safety Association											
hav	e inspected the c	ompone	nt described in	the Manufacture	r's Data Repoi	rt on	AUG/06/9	9	, and stat	te that, to the b	est of	
mv	knowledge and b	elief, the	Manufacture	has constructed	this pressure	vessel in accord	ance with ASM	E code, Section	on VIII, Divisi	on 1. By signin	g this	
iact	urer's Data Repo	rt. Furthe	ermore, neithe	oloyer makes any r the inspector no	warranty, expr r his employer	essed, or implie	d, concerning to any manner f	ne pressure v	essel describ Il injury or pr	ed in the Manu	•	
or a	loss of any kind	arising f	rom or connec	ted with this inspe	tion.		r any manner i	or any persona	ii iiijoi y oi pii	perty damage		
Date August 06, 1999 Signed Commissions									Ilberta 7			
	(mm/dd/	y y)		7	(Authorized Inspe	ector)		(Nat	Brd (incl. endors	ments),State,Prov	and No)	