FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS (Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only) As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by SMITHCO Engineering, Inc., 6211 S. 39th W. Avenue, Tulsa, Oklahoma 74132													
Manufactured for Frontier Energy Services								(Name and address of purchaser)					
3. Location of installation Onstream Operations Texas Panhandle (Name and address)													
4 Type Horiz(Non-Cir) 2010B-2541-A 2010B-2541 12160 201											2010 (Year built)		
(Mdg/s serial No.) (CRN) (Drawing No.) (Nat1 Bd. No.) (Year Dull) 5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE.													
The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 2007													
to	2009	ADD denda (Date)					Code Case Nos.				Special Service per UG-120	(d)	
6. Shell:Tube & P	lug Sheets	: SA-516 G	R-70 N	Fr 1.00	00/ Bk 1, Nom. Thk. (in.	000	062	25 Allow. (in.)	Fr	0' 3.7500"/Bk 0' 7.750		6' 11.5625" Length (overall) (ft . & in.)	
7. Seams: Corr	er Joint	c, No., Grade)	(Spot or Full)	10		, — н.			Time (hr)	Girth (Welded Dhi	R.T. (Spot , Partial	1	
7. Seaths: Long. (Welded, Dbl., Spot., Lep, Bult) 8. Heads: (a) Matl. (a) Covers: SA-516 GR-70 N (Spec. No., Grade) (b) Ends: SA-516 GR-70 N (Spec. No., Grade)													
``	Location (Top Minimum Corrosion Crown Knuckle Elliptical Conical Hemispherical Flat Diameter Side to Pressure												
	Location (Top. Minimum Corrosion Bottom, Ends Thickness Allowance			Radius	Radius Ratio Apex Angl					Flat Diameter (Convex or Concave)			
(a) Fr/Bk	(a) Fr/Bk 0.875/0.625 0.0625									5.4375/2.8125 x 83.5625 Flat			
(b) Fr/Bk 0.625/0.500 0.0625 5.4375/2.8125 x 7.3125/7.3125 Flat													
If removable, bolts used (describe other fastenings) N/A													
(Matl., Spec. No., Gr., Size, No.)													
9. MAWP											(external)		
												0 psi	
10. Nozzles, insp													
Purpose	urpose No. Diameter Type Material					l		Nominal Thickness	Reinforcement Material	How Attached	Location		
(Inlet, Outlet, Drain)	1./1	or Size 6"600/XS RFWN			SA-105/SA-106B				0.432	Integral	UW-16.1(a)	Front Head	
Inlet/Outlet Vent/Drain	2	6"600/XS 1.0							0.132	Integral	UW-16.1(a)	Back Head	
Temp/Press	4	.75/.75			SA-105					Integral	UW-16.1(a)	Front Head	
11. Supports: Skirts No Lugs Legs 4 Other Melded to covers (Where and how) (Yes or No) (No.) Legs 4 Other (Describe) Attached Welded to covers (Where and how)													
12. Remarks: Ma	anufacture	er's Partial Da	ata Report	s properly	y identified	d and sigr	ned by Co	mmiss	ioned Insp	ectors have been furnish	ed for the followin	ig items of the report:	
(Name of part, item number, Migr's name and identifying stamp)													
Tat toating	overnt i	ner: IIG 200	f) Item	· AC-1									
Impact testing exempt per: UG-20(f) Item: AC-1 Service: NATURALGAS CLR-1 Stay Plate: Front(1)SA-516 GR-70 0.3750 x 0.0625 x 82.0000 x 5.4375 Stay Plate: Back(1)SA-516 GR-70 0.5000 x 0.0625 x 82.250 x 2.8125													
Tubes: SA-214 WLD- 142 x 1.00" x .060" x 20.0000'-Straight													
Front: Constructed in conformance with appendix 28, Back: Constructed per UW13													
CERTIFICATE OF SHOP/FIELD COMPLIANCE													
We certify that the	ne statemi	ents made in	this repor	C are corr	ERTIFIC ect and th	CATE O	F SHO	P/FIEI sign, ma	LD COM aterial, con	PLIANCE struction, and workmansl	nip of this vessel	conform to the ASME	
We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No4175 expiresFebruary 28th,2012													
Date 06-04-2010 Co. name SMITHCO Engineering, Inc. Signed (Representative)													
CERTIFICATE OF SHOP/FIELD INSPECTION Tulca Oklahoma													
Vessel constructed by SMITHCO Engineering, Inc. at Tuisa, Oktanoma I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Province of													
Oklahoma and employed by Seneca Insurance Company of Texas													
have inspected the component described in this Manufacturer's Data Report on, and state that, to the best of my knowledge													
and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the													
Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Futhermore, neither the Inspector nor his employer shall be liable in any manuer for any personal injury or property damage or loss of any kind arising from or connected with this													
inspection.													
Date	[4],	10	Signed		JIA	uthorized Insp	pector)			Commissions(ments), State, Prov. and No.)	