

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 Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1. Manufactured and certified by Forum Production Equipment, 22568 Highway 29, Elmore City, Oklahoma, 73433, USA

(Name and address of Manufacturer)

2. Manufactured for Vitruvian Exploration

(Name and address of Purchaser)

3. Location of Installation Unknown

(Name and address)

4. Type Horizontal USA401-003 N/A TEC-NC0130031 8855 2015
(Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (Year built)

5. ASME Code, Section VIII, Division 1 2013/ N/A N/A N/A
(Edition and Addenda, if applicable (date)) (Code Case numbers) (Special service per UG-120(d))

6. Shell: SA106-B 0.600" None 3.5" (OD) 15' 0"
(Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) (Length (overall))

Body Flanges on Shells

No.	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Location	Bolting			
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7. Seams: Type S SMLS None 85% None N/A Type 1 DBL Butt None 85% 14
[Long. (welded, dbl., sngl., lap, butt)] [R.T. (spot or full)] (Eff. %) (H.T. temp) (Time, hr) [Girth. (welded, dbl., sngl., lap, butt)] [R.T. (spot or full)] (Eff. %) (No. of courses)

8. Heads: (a) Material SA-234-WPB (b) Material SA-234-WPB
(Spec. no., grade) (Spec. no., grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	END	0.600"	0	0.0"	0	0	0	0.0"	3.5" OD	N/A
(b)	END	0.600"	0	0.0"	0	0	0	0.0"	3.5" OD	N/A

Body Flanges on Heads

No.	Location	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Bolting			
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material
(a)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A

9. MAWP 5000 psi N/A at max. temp. 130 °F N/A
(Internal) (External) (Internal) (External)

Min. design metal temp. -20 °F at 5000 psi . Hydro, pneu., or comb. test pressure HYDRO at 6500 psi .

Proof test N/A .

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	

11. Supports: Skirt No Lugs 0 Legs 0 Other None Attached N/A
(Yes or no) (Number) (Number) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors, have been furnished for the following items of the report:

N/A
(Name of part, item number, Manufacturer's name and identifying stamp)

3" XXH Coil Section Assembly Relief Device Provided by Others Vessel is for Non Corrosive
Service Exempt from Impact Testing per UCS-66 Extra Considerations on Calculations Taken

CERTIFICATE OF SHOP/FIELD COMPLIANCE

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 BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization Number 38155
expires January 5, 2018.

Date 11/11/2015

Co. name

Forum Production Equipment

(Manufacturer)

Signed

Jerry Nelson
(Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Forum Production Equipment at 22568 Highway 29, Elmore City, Oklahoma, 73433, USA

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and employed by OneCIS Insurance Company, of Lynn, MA

have inspected the component described in this Manufacturer's Data Report on November 5, 2015,
and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER
AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any
warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector
nor his/her employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
this inspection.

Date 11/11/2015

Signed

[Signature]
(Authorized Inspector)

Commissions

12397A, OK9, TX1938, KS 717, MS 4844, AR 1568, LA 1650

[National Board (incl. endorsements)]