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: Process Equipment & Service Company Inc., 5680 U.S. Highway 64, Farmington NM 87401 (Name and address of Manufacturer)

2. Manufactured for: ConocoPhillips Company P.O. Box 2200 Bartlesville, OK 74005 (Name and address of Purchaser)

3. Location of installation: Unknown (Name and address)

4. Type: Vertical (Horizontal or vertical, tank) | 24224 (Manufacturer's serial number) | (CRN) | H9830118 (Drawing number) | 33408 (National Board number) | 2020 (Year built)

5. ASME Code, Section VIII, Division 1: 2015 [Edition and Addenda, if applicable (date)] | (Code Case numbers) | [Special service per UG-120(d)]

6. Shell: SA516-70 (Material spec. number, grade) | .375" (Nominal thickness) | .125" (Corr. allow.) | 4'-11 1/4" (Inner diameter) | 10'-0" [Length (overall)]

Body Flanges on Shells

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

7. Seams: Dbl. Butt [Long. (welded, dbl., sngl., lap, butt)] | Spot [R.T. (spot or full)] | 85 (Eff., %) | (H.T. temp.) | (Time, hr) | Sngl. Butt [Girth. (welded, dbl., sngl., lap, butt)] | None [R.T. (spot or full)] | 85 (Eff., %) | 1 (No. of courses)

8. Heads: (a) Material: SA516-70N (Spec. no., grade) (b) Material: (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)	Ends	.347"	.125"			2:1				Concave
(b)										

Body Flanges on Heads

	Location	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Bolting: Num & Size	Bolting: Bolting Material	Bolting: Washer (OD, ID, thk)	Bolting: Washer Material
(a)												
(b)												

9. MAWP: 125 PSI (Internal) | 6.63 PSI (External) at max. temp. 200 °F (Internal) | 200 °F (External)
Min. design metal temp. -20 F, UG-20(f). at 125 PSI Hydro., ~~pneu., or comb.~~ test pressure 162.5 PSI
Proof test NA

10. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Type	Material: Nozzle	Material: Flange	Nozzle Thickness: Nom.	Nozzle Thickness: Corr.	Reinforcement Material	Attachment Detail: Nozzle	Attachment Detail: Flange	Location (Insp. Open.)
Manway	1	24"	Pipe	SA106C	SA105	.969"	.125"	Inherent	Welded	Welded	Side
Inlet & LLC	2	8"	Pipe	SA106C	SA105	.500"	.125"	SA516-70	Welded	Welded	Side
@Outlet	1	6"	Pipe	SA106C	SA105	.432"	.125"	SA516-70	Welded	Welded	Side
Liq. Disch.	1	4"	Pipe	SA106B	SA105	.531"	.125"	Inherent	Welded	Welded	Side
Safety V.	2	4"	RFLWN		SA105	.75"	.125"	Inherent		Welded	Side
*Drain	1	3"	Weld Ell	234WPB	SA105	.437"	.125"	Inherent	Welded	Welded	Bottom

11. Supports: Skirt Yes (Yes or No) Lugs (Number) Legs (Number) Other Davit Asy, Hndl. (Describe) Attached Bottom, Mnwy. Welded (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: (Name of part, item number, Manufacturer's name and identifying stamp)

(10.) Misc. 9 2" Pipe SA106B SA105 .343" .125" CA No Reinfrcmnt. Rqrd. Welded Side

* Welded to SA106B. @Welded to SA234WPB LR 90.

Spot per UW-11(b). "Phased Array- UT" . Tested in the horizontal position.

FORM U-1A (Back)

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, Division1. "U" Certificate of Authorization Number 14946 expires 12/14/2020 .

Date 03/25/20 Co. name Process Equipment & Service Company, Inc. (Manufacturer) Signed Scott Payne (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Process Equipment & Service Company, Inc. at 5680 U.S. Highway 64, Farmington NM 87401

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

have inspected the component described in this Manufacturer's Data Report on 03/25/20 , 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 03/25/20 Signed _____ (Authorized Inspector) Commissions NB 15820 [National Board (incl. endorsements)]