

FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
 (Alternative Form for Single Chamber, Completely Shop-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. Ave., Tulsa, OK 74132
(Name and address of manufacturer)

2. Manufactured for MOBILE & P, US INC. Houston, TX 77210
(Name and address of purchaser)

3. Location of installation Mobil E & P Louisiana
(Name and address)

4. Type Horiz(Non-Cir) 2000B-3041-A 2000B-3041 8409 2000
(Horiz. or vert. tank) (Mfg's serial No.) (CRN) (Drawing No.) (Rat. Bd. No.) (Year built)

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 1998
Year

to A99
Addenda (Date)

6. Shell: Tube & Plug Sheets: SA-240 316 L Fr 1.250/Bk 1.250 0.000 Fr 0' 4.0000"/Bk 0' 4.0000" 13' 0.3750"
Mat. (Spec. No., Grade) (Nom. Thk. (in)) (Cor. Allow. (in)) (Diam. I.D. (R. & B)) (Length (overall) (R. & B. in))

7. Seams: Corner Joint 100
Long (Welded, Bolt, Sngl., Lap, Butt) R.T. (Spot or Fil) (Eq%) H.T. Temp. (°F) Time (hr) Diam (Welded, Bolt, Sngl., Lap, Butt) R.T. (Spot, Partial or Fil) No. of Courses

8. Heads: (a) Mall. (a) Covers: SA-240 316 L (b) Mall. (b) Ends: SA-240 316 L
(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)	Fr/Bk	1.000/1.000	0.0000	--	--	--	--	--	4.5000/4.5000 x 156.3750	Flat
(b)	Fr/Bk	0.500/0.500	0.0000	--	--	--	--	--	4.5000/4.5000 x 5.8750/5.8750	Flat

If removable, bolts used (describe other fastenings) N/A
(Matl., Spec. No., Gr., Size, No.)

9. MAWP 1350 psi at max. temp 200 °F
 Min. design metal temp. -20 °F at 1350 psi. Hydro., presu., or comb. test pressure 2025 psi

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diameter or Size	Type	Material	Nominal Thickness	Reinforcement Material	How Attached	Location
Inlet/Outlet	2/2	8"900/160	RFWN	SA-182F316L/SA-403WP316L	0.906	Integral	UW-16.1 (u)	Fr/Bk Head
Vent/Drain	2	.75	6000CPLG	SA-182F316L		Integral	UW-16.1 (a)	Fr/Bk Head

11. Supports: Skirts No Lugs No Legs 4 Other Welded to covers
(Yes or No) (No) (No) (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:

(Name of part, item number, Mfg's name and identifying stamp)

Impact testing exempt per: UHA-51 Item: AC-1 Service: INLET GAS CLR

Stay Plate: Front(1)SA-240 316 L 0.3750 x 0.0000 x 155.1875 x 4.5000 Stay Plate: Back(1)SA-240 316 L 0.3750 x 0.0000 x 155.1

Tie Bar: Front(2)SA-240 316 L 0.3750 x 0.0000 x 4.5000 x 2.0000 Tie Bar: Back(2)SA-240 316 L 0.3750 x 0.0000 x 4.5000 x

Tubes: SA-249 T316L- 182 x 1.25" x .065" x 30.2188"-Straight

Constructed in conformance with appendix 28

CERTIFICATE OF SHOP 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 Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 4175 expires February 28th 2003.
 Date 08-16-2000 Co. name SMITHCO Engineering, Inc. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by SMITHCO Engineering, Inc. at Tulsa, Oklahoma
 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 Factory Mutual Insurance Company of Johnston RI
 have inspected the component described in this Manufacturer's Data Report on 8-17-00, 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. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.
 Date 8-17-00 Signed [Signature] Commissions NB7003, A, OK355
(Authorized Inspector) (Natl Board (incl. endorsements), State, Prov. and No.)