

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 Process Equipment & Service Co., Inc. 5680 U.S. Hwy. 64, Farmington, NM 87499
(Name and address of manufacturer)

2. Manufactured for El Paso Production Oil & Gas, 1368 South 1200 East, Vernal, UT 84078
(Name and address of purchaser)

3. Location of installation Unknown
(Name and address)

4. Type: Vertical 23544 C8610110 16218 2002
(Horiz. or vert. tank) (Mfg's serial No.) (CRN) (Drawing No.) (Nat'l. 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 2001
Year

to NA -----
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA-516Gr.70 3/8" 3'-5 1/4" 8'-0"
Matl. (Spec. No., Grade) Nom. Thk. (In.) Corr. Allow. (In.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: Dbl. Butt Spot 85% Single Butt Spot 1
Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Matl. SA-516Gr.70 (b) Matl. -----
(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) <u>Ends</u>	<u>.340"</u>				<u>2:1</u>				<u>Concave</u>
(b)									

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

9. MAWP: 285 psi at max. temp. 100 °F
 Min. design metal temp. -20 UG-20(f) °F at 285 psi. Hydro., pneu., or comb. test pressure Hydrostatic 371 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
*Inlet	1	6"	PIPE	SA106B	.432"	Weld	Welded	Side
*Outlet	1	6"	PIPE	SA106B	.432"	Weld	Welded	Top
Safety Valve	1	2"	THD/DCPLG	SA105	3000#	Not Required	Welded	Top
Drain	1	2"	THD/DCPLG	SA105	3000#	Not Required	Welded	Bottom
Misc.	3	2"	THD/DCPLG	SA105	3000#	Not Required	Welded	Bottom & Side
Misc.	4	1"	THD/DCPLG	SA105	3000#	Not Required	Welded	Bottom & Side
Pres. Ga	1	1/2"	THROLET	SA105	3000#	Not Required	Welded	Side
Misc.	1	1/2"	THD/DCPLG	SA105	3000#	Not Required	Welded	Side

11. Supports: Skirt Yes Lugs 2 Legs -- Other ----- Attached Bottom/Top Welded
(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)

*Welded to ANSI 150# SA105 RFWN flange.

Spot per UW-11(b) & UW-11(a)(5)(b)

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 Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. <u>14946</u> expires <u>12/14</u> , 2002			
Date <u>04-15-02</u>	Co. name <u>Process Equipment & Service Co., Inc.</u>	Signed <u>A. Maloney</u>	<small>(Representative)</small>
CERTIFICATE OF SHOP/FIELD INSPECTION			
Vessel constructed by <u>Process Equipment & Service Co., Inc.</u> at <u>5680 U.S. Hwy. 64, Farmington, NM 87499</u>			
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 <u>New Mexico</u> and employed by <u>OneBeacon America Insurance Company Boston, MA</u> have inspected the component described in this Manufacturer's Data Report on <u>04-15</u> , 2002, 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 a loss of any kind arising from or connected with this inspection.			
Date <u>4-15</u> , 02	Signed <u>[Signature]</u>	Commissions <u>NB 10302BA, NM 10302</u>	<small>(Nat'l Board Incl. endorsements State, Prov. and No.)</small>
	<small>(Authorized Inspector)</small>		<small>PIAform 01-02E01</small>

FORM R-1 REPORT OF REPAIR

in accordance with provisions of the National Board Inspection Code

1. Work performed by CAMERON SOLUTIONS, INC (name of repair organization) 1180 East Hwy 40, Vernal, UT 84078 (address) 1633 (Form Registration No.) 4027901 (PO No., Job No., etc.)
2. Owner Anadarko (name)
3. Location of installation Unknown (name)
4. Item identification Pressure Vessel Name of original manufacturer Process Equipment & Service Co. Inc. (boiler, pressure vessel or piping)
5. Identifying nos.: 23544 (mfg. serial no.) 16218 (National Board No.) 2002 (year built)
6. NBIC Edition/Addenda: 2011 (edition) N/A (addenda)
Original Code of Construction for Item: ASME VIII Division 1 (name / section / division) 2001/NA (edition / addenda)
Construction Code Used for Repair Performed: ASME VIII Division 1 (name / section / division) 2010/2011 (edition / addenda)
7. Repair Type: [X] Welded [] Graphite Pressure Equipment [] FRP Pressure Equipment
8. Description of work: [] Form R-4, Report Supplementary Sheet is attached [] FFSA Form (NB-403) is attached
Repaired crack in head by 2" coupling pressure test and attach repair tag.

9. Replacement Parts. Attached are Manufacturer's Partial Data Reports or Form R-3s properly completed for the following items of this report:
Pressure Test, if applied 371 psi MAWP 285 psi

(name of part, item number, data report type or Certificate of Compliance, mfg. name, and identifying stamp)

10. Remarks:

CERTIFICATE OF COMPLIANCE

I, Trent Romane, certify that to the best of my knowledge and belief the statements in this report are correct and that all material, construction, and workmanship on this Repair conforms to the National Board Inspection Code. National Board "R" Certificate of Authorization No. R-6262 expires on April 23, 2015. Date 4-16-2013, CAMERON SOLUTIONS, INC Signed Trent Romane (name of repair organization) (authorized representative)

CERTIFICATE OF INSPECTION

I, Rocky White, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency, where required, issued by the Jurisdiction of Utah and employed by Onecis Insurance Company of Lynn, Mass have inspected the work described in this report on 4-16-2013 and state that to the best of my knowledge and belief this work complies with the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection. Date 4-16-2013 Signed Rocky W. White Commissions UT S0 637 / NB #9304 (inspector) (National Board and Jurisdiction No.)