

FORM U-1A 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 Selway Corporation, 1/2 mile east on East Side Highway, Stevensville, Montana 59870
(Name and address of manufacturer)
2. Manufactured for TIC 40185 Routh Co Rd. 129, P.O. 774848, Steamboat Springs, Co. 80487
(Name and address of purchaser)
3. Location of installation Rye Patch Geothermal Project 138, Hwy 40, Pershing Co, Nevada. 5 miles south of I-80, Humboldt Int.
(Name and address)
4. Type Horizontal Storage 6344-1A N/A 6344-1 1 1993
(Horiz. or vert., tank) (Mfr'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 1989
Year
- to 1991 N/A None
Addenda (Date) Code Case Nos. Special Service per UG-120(d)
6. Shell: SA 516-70 9/16 1/16 8'-0" 23'
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)
7. Seams: Type 1 Spot .85 N/A N/A Type 1 None 3
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 516-70 (b) Matl. SA 516-70
(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>End</u>	<u>1/2</u>	<u>1/16</u>			<u>2:1</u>				<u>Concave</u>
(b)	<u>End</u>	<u>1/2</u>	<u>1/16</u>			<u>2:1</u>				<u>Concave</u>

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

9. MAWP 150/vacuum psi at max. temp. 250 °F
Min. design metal temp. -5 °F at 150 psi. Hydro., pneu., or comb. test pressure Hydro 225 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
		<u>SEE</u>	<u>ATTACHED</u>					
		<u>FORM</u>	<u>U-4</u>					

11. Supports: Skirt NO Lugs NONE Legs 2 Other None Attached Tank Girth - 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: N/A
(Name of part, item number, Mfr's. name and identifying stamp)

No impacts per UG-20 (F)
Hydro-test pressure taken to 300 PSI during test. No adverse conditions.
Nat'l. Bd. number and company name stamped in name plate brkt.

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. 26219 expires March 9, 1995.
Date 3-12-93 Co. name Selway Corporation Signed John Morris
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Selway Corporation at Stevensville, Montana. 59870.
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 Colo and employed by HJBI + I Co
have inspected the component described in this Manufacturer's Data Report on 3-12, 19 93, 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 3-12-93 Signed R. T. C. Kueh Commissions NB 8004A C 115
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)

2.2

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