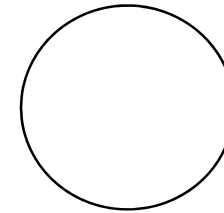


**Manway Cover Detail**



Outside Dia	27"
No of bolts:	
Bolt length:	
Bolt dia.:	
Nom. size:	16"
Rating:	600#
Type:	Weld Pad

U-1 on hand      Y  
 Heat Treat      Y  
 X-Ray              Y

**Tank Openings**

**Tank Details**

**Description**

**Dimensions**

O/A Length	A -	467.75"
Length - weld to weld	B -	418"
Diameter of Tank	O. D. C -	111"
Weld to End	D -	29 7/8"

No	Size	Type	Description		Tank Details		Description		Dimensions	
1	16"	600#	ctr	Manway	Manufacturer:	Avery Div., CEI	Type of Head			
2	1"	SW	32.375"	N2 Inlet	Date of manufacture	1978				
3	2"	SW	32.375"	Vent Relief			Tank Capacity	USWG		19,500
4	1"	SW	107"	Level Tap (Lower, narrow range)	Working Pressure	700psi @ 200F	Tank Weight	estimated	110,000 lbs.	
5	1"	SW	59"	Level Tap (Upper, narrow range)	National Board Number	243	Tank Shell			
6	1"	SW	2 1/2"	Level tap ( Lower, wide range)	Serial Number	1272	Tank Head			
7	1"	SW	2 1/2"	Level tap ( Upper, wide range)	Steel Type:	SA516GR70				
8	1"	SW	12"	Local Sample			Pier Type (Concrete / saddles / Flat)	Skirt		
9	14"	LF2	ctr	Discharge	Jurisdiction #			Tank Saddles	Vertical Tank	
10										
11					Gauge type	None				
12					Thermometer	None				
13					Paint Condition:	Good				
14					Color:	White				
15										
16										
17							Tank Location	Centralia, WA		

Total Energy Corp

Tank Sketch of field Information