



SUPER LOOP - THE HERO

INCHES	CUBIC INCHES	GALLONS	BBLs	(+/-) GALLONS	(+/-) BBLs
SLURRY STARTS TO FILL BOTH AUGER TUBES					
1	508.20	2.20	0.05	0.00	0.00
2	1,016.40	4.40	0.10	2.20	0.05
3	1,524.60	6.60	0.16	2.20	0.05
4	2,032.80	8.80	0.21	2.20	0.05
5	2,541.00	11.00	0.26	2.20	0.05
6	3,049.20	13.20	0.31	2.20	0.05
7	3,557.40	15.40	0.37	2.20	0.05
8	4,065.60	17.60	0.42	2.20	0.05
9	4,573.80	19.80	0.47	2.20	0.05
10	5,082.00	22.00	0.52	2.20	0.05
11	5,590.20	24.20	0.58	2.20	0.05
12	6,098.40	26.40	0.63	2.20	0.05
13	6,606.60	28.60	0.68	2.20	0.05
14	7,114.80	30.80	0.73	2.20	0.05
15	7,623.00	33.00	0.79	2.20	0.05
16	8,131.20	35.20	0.84	2.20	0.05
17	8,639.40	37.40	0.89	2.20	0.05
18	9,147.60	39.60	0.94	2.20	0.05
19	9,655.80	41.80	1.00	2.20	0.05
20	10,164.00	44.00	1.05	2.20	0.05
21	10,672.20	46.20	1.10	2.20	0.05
22	11,180.40	48.40	1.15	2.20	0.05
23	11,688.60	50.60	1.20	2.20	0.05
24	12,196.80	52.80	1.26	2.20	0.05
25	12,705.00	55.00	1.31	2.20	0.05
26	13,213.20	57.20	1.36	2.20	0.05
27	13,721.40	59.40	1.41	2.20	0.05
28	14,229.60	61.60	1.47	2.20	0.05
29	14,737.80	63.80	1.52	2.20	0.05
30	15,246.00	66.00	1.57	2.20	0.05
31	15,754.20	68.20	1.62	2.20	0.05
32	16,262.40	70.40	1.68	2.20	0.05
33	16,770.60	72.60	1.73	2.20	0.05
34	17,278.80	74.80	1.78	2.20	0.05
35	17,787.00	77.00	1.83	2.20	0.05
36	18,295.20	79.20	1.89	2.20	0.05
37	18,803.40	81.40	1.94	2.20	0.05
38	19,311.60	83.60	1.99	2.20	0.05
39	19,819.80	85.80	2.04	2.20	0.05
40	20,328.00	88.00	2.10	2.20	0.05
41	20,836.20	90.20	2.15	2.20	0.05
42	21,344.40	92.40	2.20	2.20	0.05
43	21,852.60	94.60	2.25	2.20	0.05
44	22,360.80	96.80	2.30	2.20	0.05
45	22,869.00	99.00	2.36	2.20	0.05
46	23,377.20	101.20	2.41	2.20	0.05
47	23,885.40	103.40	2.46	2.20	0.05

48	24,393.60	105.60	2.51	2.20	0.05	
49	24,901.80	107.80	2.57	2.20	0.05	
50	25,410.00	110.00	2.62	2.20	0.05	
51	25,918.20	112.20	2.67	2.20	0.05	
SPILOVER OF SLURRY INTO MAIN VESSEL BODY - (INCREASE IN FILL RATE)						
52	28,179.69	121.99	2.90	9.79	0.23	1 IN
53	30,441.18	131.78	3.14	9.79	0.23	2 IN
54	32,702.67	141.57	3.37	9.79	0.23	3 IN
55	34,964.16	151.36	3.60	9.79	0.23	4 IN
56	37,225.65	161.15	3.84	9.79	0.23	5 IN
57	39,487.14	170.94	4.07	9.79	0.23	6 IN
58	41,748.63	180.73	4.30	9.79	0.23	7 IN
59	44,010.12	190.52	4.54	9.79	0.23	8 IN
60	46,271.61	200.31	4.77	9.79	0.23	9 IN
61	48,533.10	210.10	5.00	9.79	0.23	10 IN
62	50,794.59	219.89	5.24	9.79	0.23	11 IN
63	53,056.08	229.68	5.47	9.79	0.23	12 IN
64	55,317.57	239.47	5.70	9.79	0.23	13 IN
65	57,579.06	249.26	5.93	9.79	0.23	14 IN
66	59,840.55	259.05	6.17	9.79	0.23	15 IN
67	62,102.04	268.84	6.40	9.79	0.23	16 IN
68	64,363.53	278.63	6.63	9.79	0.23	17 IN
69	66,625.02	288.42	6.87	9.79	0.23	18 IN
70	68,886.51	298.21	7.10	9.79	0.23	19 IN
71	71,148.00	308.00	7.33	9.79	0.23	20 IN
72	73,409.49	317.79	7.57	9.79	0.23	21 IN
73	75,670.98	327.58	7.80	9.79	0.23	22 IN
74	77,932.47	337.37	8.03	9.79	0.23	23 IN
75	80,193.96	347.16	8.27	9.79	0.23	24 IN
76	82,455.45	356.95	8.50	9.79	0.23	25 IN
77	84,716.94	366.74	8.73	9.79	0.23	26 IN
78	86,978.43	376.53	8.97	9.79	0.23	27 IN
79	89,239.92	386.32	9.20	9.79	0.23	28 IN
80	91,501.41	396.11	9.43	9.79	0.23	29 IN
81	93,762.90	405.90	9.66	9.79	0.23	30 IN
82	96,024.39	415.69	9.90	9.79	0.23	31 IN
83	98,285.88	425.48	10.13	9.79	0.23	32 IN
84	100,547.37	435.27	10.36	9.79	0.23	33 IN
85	102,808.86	445.06	10.60	9.79	0.23	34 IN
86	105,070.35	454.85	10.83	9.79	0.23	35 IN
87	107,331.84	464.64	11.06	9.79	0.23	36 IN
88	109,593.33	474.43	11.30	9.79	0.23	37 IN
89	111,854.82	484.22	11.53	9.79	0.23	38 IN
90	114,116.31	494.01	11.76	9.79	0.23	39 IN
91	116,377.80	503.80	12.00	9.79	0.23	40 IN
92	118,639.29	513.59	12.23	9.79	0.23	41 IN
93	120,900.78	523.38	12.46	9.79	0.23	42 IN
94	123,162.27	533.17	12.69	9.79	0.23	43 IN
95	125,423.76	542.96	12.93	9.79	0.23	44 IN
96	127,685.25	552.75	13.16	9.79	0.23	45 IN
97	129,946.74	562.54	13.39	9.79	0.23	46 IN
98	132,208.23	572.33	13.63	9.79	0.23	47 IN
99	134,469.72	582.12	13.86	9.79	0.23	48 IN
100	136,731.21	591.91	14.09	9.79	0.23	49 IN

101	138,992.70	601.70	14.33	9.79	0.23	50 IN
102	141,254.19	611.49	14.56	9.79	0.23	51 IN
103	143,515.68	621.28	14.79	9.79	0.23	52 IN
104	145,777.17	631.07	15.03	9.79	0.23	53 IN
105	148,038.66	640.86	15.26	9.79	0.23	54 IN
106	150,300.15	650.65	15.49	9.79	0.23	55 IN
107	152,561.64	660.44	15.73	9.79	0.23	56 IN
108	154,823.13	670.23	15.96	9.79	0.23	57 IN
109	157,084.62	680.02	16.19	9.79	0.23	58 IN
110	159,346.11	689.81	16.42	9.79	0.23	59 IN
111	161,607.60	699.60	16.66	9.79	0.23	60 IN
112	163,869.09	709.39	16.89	9.79	0.23	61 IN
113	166,130.58	719.18	17.12	9.79	0.23	62 IN
114	168,392.07	728.97	17.36	9.79	0.23	63 IN
115	170,653.56	738.76	17.59	9.79	0.23	64 IN
116	172,915.05	748.55	17.82	9.79	0.23	65 IN
117	175,176.54	758.34	18.06	9.79	0.23	66 IN
118	177,438.03	768.13	18.29	9.79	0.23	67 IN
119	179,699.52	777.92	18.52	9.79	0.23	68 IN
120	181,961.01	787.71	18.76	9.79	0.23	69 IN
121	184,222.50	797.50	18.99	9.79	0.23	70 IN
122	186,483.99	807.29	19.22	9.79	0.23	71 IN
123	188,745.48	817.08	19.45	9.79	0.23	72 IN
124	191,006.97	826.87	19.69	9.79	0.23	73 IN
125	193,268.46	836.66	19.92	9.79	0.23	74 IN
126	195,529.95	846.45	20.15	9.79	0.23	75 IN
127	197,791.44	856.24	20.39	9.79	0.23	76 IN
128	200,052.93	866.03	20.62	9.79	0.23	77 IN
129	202,314.42	875.82	20.85	9.79	0.23	78 IN
130	204,575.91	885.61	21.09	9.79	0.23	79 IN
131	206,837.40	895.40	21.32	9.79	0.23	80 IN
132	209,098.89	905.19	21.55	9.79	0.23	81 IN
133	211,360.38	914.98	21.79	9.79	0.23	82 IN
134	213,621.87	924.77	22.02	9.79	0.23	83 IN
135	215,883.36	934.56	22.25	9.79	0.23	84 IN
136	218,144.85	944.35	22.48	9.79	0.23	85 IN
137	220,406.34	954.14	22.72	9.79	0.23	86 IN
138	222,667.83	963.93	22.95	9.79	0.23	87 IN
139	224,929.32	973.72	23.18	9.79	0.23	88 IN
140	227,190.81	983.51	23.42	9.79	0.23	89 IN
141	229,452.30	993.30	23.65	9.79	0.23	90 IN
142	231,713.79	1003.09	23.88	9.79	0.23	91 IN
143	233,975.28	1012.88	24.12	9.79	0.23	92 IN
144	236,236.77	1022.67	24.35	9.79	0.23	93 IN
145	238,498.26	1032.46	24.58	9.79	0.23	94 IN
146	240,759.75	1042.25	24.82	9.79	0.23	95 IN
147	243,021.24	1052.04	25.05	9.79	0.23	96 IN
148	245,282.73	1061.83	25.28	9.79	0.23	97 IN
149	247,544.22	1071.62	25.52	9.79	0.23	98 IN
150	249,805.71	1081.41	25.75	9.79	0.23	99 IN
151	252,067.20	1091.20	25.98	9.79	0.23	100 IN
152	254,328.69	1100.99	26.21	9.79	0.23	101 IN
153	256,590.18	1110.78	26.45	9.79	0.23	102 IN
154	258,851.67	1120.57	26.68	9.79	0.23	103 IN

155	261,113.16	1130.36	26.91	9.79	0.23	104 IN
156	263,374.65	1140.15	27.15	9.79	0.23	105 IN
157	265,636.14	1149.94	27.38	9.79	0.23	106 IN
158	267,897.63	1159.73	27.61	9.79	0.23	107 IN
159	270,159.12	1169.52	27.85	9.79	0.23	108 IN
160	272,420.61	1179.31	28.08	9.79	0.23	109 IN
161	274,682.10	1189.10	28.31	9.79	0.23	110 IN
162	276,943.59	1198.89	28.55	9.79	0.23	111 IN
163	279,205.08	1208.68	28.78	9.79	0.23	112 IN
164	281,466.57	1218.47	29.01	9.79	0.23	113 IN
165	283,728.06	1228.26	29.24	9.79	0.23	114 IN
166	285,989.55	1238.05	29.48	9.79	0.23	115 IN
167	288,251.04	1247.84	29.71	9.79	0.23	116 IN
168	290,512.53	1257.63	29.94	9.79	0.23	117 IN
169	292,774.02	1267.42	30.18	9.79	0.23	118 IN
170	295,035.51	1277.21	30.41	9.79	0.23	119 IN
171	297,297.00	1287.00	30.64	9.79	0.23	120 IN
172	299,558.49	1296.79	30.88	9.79	0.23	121 IN
173	301,819.98	1306.58	31.11	9.79	0.23	122 IN
174	304,081.47	1316.37	31.34	9.79	0.23	123 IN
175	306,342.96	1326.16	31.58	9.79	0.23	124 IN
176	308,604.45	1335.95	31.81	9.79	0.23	125 IN
177	310,865.94	1345.74	32.04	9.79	0.23	126 IN
178	313,127.43	1355.53	32.28	9.79	0.23	127 IN
179	315,388.92	1365.32	32.51	9.79	0.23	128 IN
180	317,650.41	1375.11	32.74	9.79	0.23	129 IN
181	319,911.90	1384.90	32.97	9.79	0.23	130 IN
182	322,173.39	1394.69	33.21	9.79	0.23	131 IN
183	324,434.88	1404.48	33.44	9.79	0.23	132 IN
184	326,696.37	1414.27	33.67	9.79	0.23	133 IN
185	328,957.86	1424.06	33.91	9.79	0.23	134 IN
186	331,219.35	1433.85	34.14	9.79	0.23	135 IN
187	333,480.84	1443.64	34.37	9.79	0.23	136 IN
188	335,742.33	1453.43	34.61	9.79	0.23	137 IN
189	338,003.82	1463.22	34.84	9.79	0.23	138 IN
190	340,265.31	1473.01	35.07	9.79	0.23	139 IN
191	342,526.80	1482.80	35.31	9.79	0.23	140 IN
192	344,788.29	1492.59	35.54	9.79	0.23	141 IN
193	347,049.78	1502.38	35.77	9.79	0.23	142 IN
194	349,311.27	1512.17	36.00	9.79	0.23	143 IN
195	351,572.76	1521.96	36.24	9.79	0.23	144 IN
MAIN VESSEL BODY FILLED TO STATIC LINE - (DECREASE IN FILL RATE)						
196	353,834.25	1531.75	36.47	2.20	0.05	
197	354,342.45	1533.95	36.52	2.20	0.05	
198	354,850.65	1536.15	36.58	2.20	0.05	
199	355,358.85	1538.35	36.63	2.20	0.05	
200	355,867.05	1540.55	36.68	2.20	0.05	
201	356,375.25	1542.75	36.73	2.20	0.05	
202	356,883.45	1544.95	36.79	2.20	0.05	
203	357,391.65	1547.15	36.84	2.20	0.05	
204	357,899.85	1549.35	36.89	2.20	0.05	
205	358,408.05	1551.55	36.94	2.20	0.05	
206	358,916.25	1553.75	36.99	2.20	0.05	
207	359,424.45	1555.95	37.05	2.20	0.05	

208	359,932.65	1558.15	37.10	2.20	0.05
209	360,440.85	1560.35	37.15	2.20	0.05
210	360,949.05	1562.55	37.20	2.20	0.05
211	361,457.25	1564.75	37.26	2.20	0.05
212	361,965.45	1566.95	37.31	2.20	0.05
213	362,473.65	1569.15	37.36	2.20	0.05
214	362,981.85	1571.35	37.41	2.20	0.05
215	363,490.05	1573.55	37.47	2.20	0.05
216	363,998.25	1575.75	37.52	2.20	0.05
217	364,506.45	1577.95	37.57	2.20	0.05
218	365,014.65	1580.15	37.62	2.20	0.05
219	365,522.85	1582.35	37.68	2.20	0.05
220	366,031.05	1584.55	37.73	2.20	0.05
221	366,539.25	1586.75	37.78	2.20	0.05
222	367,047.45	1588.95	37.83	2.20	0.05
223	367,555.65	1591.15	37.89	2.20	0.05
224	368,063.85	1593.35	37.94	2.20	0.05
225	368,572.05	1595.55	37.99	2.20	0.05
226	369,080.25	1597.75	38.04	2.20	0.05
227	369,588.45	1599.95	38.09	2.20	0.05
228	370,096.65	1602.15	38.15	2.20	0.05
229	370,604.85	1604.35	38.20	2.20	0.05
230	371,113.05	1606.55	38.25	2.20	0.05
231	371,621.25	1608.75	38.30	2.20	0.05
232	372,129.45	1610.95	38.36	2.20	0.05
233	372,637.65	1613.15	38.41	2.20	0.05
234	373,145.85	1615.35	38.46	2.20	0.05
235	373,654.05	1617.55	38.51	2.20	0.05
236	374,162.25	1619.75	38.57	2.20	0.05
237	374,670.45	1621.95	38.62	2.20	0.05
238	375,178.65	1624.15	38.67	2.20	0.05
239	375,686.85	1626.35	38.72	2.20	0.05
240	376,195.05	1628.55	38.78	2.20	0.05
241	376,703.25	1630.75	38.83	2.20	0.05
242	377,211.45	1632.95	38.88	2.20	0.05
243	377,719.65	1635.15	38.93	2.20	0.05
244	378,227.85	1637.35	38.99	2.20	0.05
245	378,736.05	1639.55	39.04	2.20	0.05
246	379,244.25	1641.75	39.09	2.20	0.05
247	379,752.45	1643.95	39.14	2.20	0.05
248	380,260.65	1646.15	39.19	2.20	0.05
249	380,768.85	1648.35	39.25	2.20	0.05
250	381,277.05	1650.55	39.30	2.20	0.05
251	381,785.25	1652.75	39.35	2.20	0.05
252	382,293.45	1654.95	39.40	2.20	0.05
253	382,801.65	1657.15	39.46	2.20	0.05
254	383,309.85	1659.35	39.51	2.20	0.05
255	383,818.05	1661.55	39.56	2.20	0.05
256	384,326.25	1663.75	39.61	2.20	0.05
257	384,834.45	1665.95	39.67	2.20	0.05
258	385,342.65	1668.15	39.72	2.20	0.05
259	385,850.85	1670.35	39.77	2.20	0.05
260	386,359.05	1672.55	39.82	2.20	0.05
261	386,867.25	1674.75	39.88	2.20	0.05

262	387,375.45	1676.95	39.93	2.20	0.05
263	387,883.65	1679.15	39.98	2.20	0.05
264	388,391.85	1681.35	40.03	2.20	0.05
265	388,900.05	1683.55	40.09	2.20	0.05
266	389,408.25	1685.75	40.14	2.20	0.05
267	389,916.45	1687.95	40.19	2.20	0.05
268	390,424.65	1690.15	40.24	2.20	0.05
269	390,932.85	1692.35	40.29	2.20	0.05
270	391,441.05	1694.55	40.35	2.20	0.05
271	391,949.25	1696.75	40.40	2.20	0.05
272	392,457.45	1698.95	40.45	2.20	0.05
273	392,965.65	1701.15	40.50	2.20	0.05
274	393,473.85	1703.35	40.56	2.20	0.05
275	393,982.05	1705.55	40.61	2.20	0.05
276	394,490.25	1707.75	40.66	2.20	0.05
277	394,998.45	1709.95	40.71	2.20	0.05
278	395,506.65	1712.15	40.77	2.20	0.05
279	396,014.85	1714.35	40.82	2.20	0.05
280	396,523.05	1716.55	40.87	2.20	0.05
281	397,031.25	1718.75	40.92	2.20	0.05
282	397,539.45	1720.95	40.98	2.20	0.05
283	398,047.65	1723.15	41.03	2.20	0.05
284	398,555.85	1725.35	41.08	2.20	0.05
285	399,064.05	1727.55	41.13	2.20	0.05
286	399,572.25	1729.75	41.19	2.20	0.05
287	400,080.45	1731.95	41.24	2.20	0.05
288	400,588.65	1734.15	41.29	2.20	0.05
289	401,096.85	1736.35	41.34	2.20	0.05
290	401,605.05	1738.55	41.39	2.20	0.05
291	402,113.25	1740.75	41.45	2.20	0.05
292	402,621.45	1742.95	41.50	2.20	0.05
293	403,129.65	1745.15	41.55	2.20	0.05
294	403,637.85	1747.35	41.60	2.20	0.05
295	404,146.05	1749.55	41.66	2.20	0.05
296	404,654.25	1751.75	41.71	0.00	0.00

AUGERS AND VESSEL BODY FILLED TO STATIC LINE

TOTAL DISTANCE FROM GROUND LEVEL TO STATIC LIQUID LEVEL IS APPROXIMATELY 223"

TOTAL ALIGNED DISTANCE ALONG AUGER TUBES IS APPROXIMATELY 296"