

*Chas. MARTIN* Inspectors  
of Petroleum, Inc.  
INDEPENDENT LICENSED INSPECTION

SHEET NO. 1 OF 2 TANK CAR  
NUMBER:

**DOWX**

OUTAGE TABLE

JOB NO. 3060-TS SER. NO. 161593-01-29 R. T. C. NO. 29

1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	22,442	0	20,095	0	17,172	0	13,933	0	10,570	0	7,285
1/4		1/4	22,402	1/4	20,039	1/4	17,107	1/4	13,864	1/4	10,500	1/4	7,218
1/2		1/2	22,361	1/2	19,983	1/2	17,042	1/2	13,795	1/2	10,431	1/2	7,152
3/4	23,668	3/4	22,320	3/4	19,926	3/4	16,977	3/4	13,725	3/4	10,361	3/4	7,086
1	23,660	1	22,277	1	19,869	1	16,911	1	13,656	1	10,292	1	7,020
1/4	23,652	1/4	22,235	1/4	19,812	1/4	16,845	1/4	13,586	1/4	10,222	1/4	6,954
1/2	23,643	1/2	22,193	1/2	19,755	1/2	16,779	1/2	13,516	1/2	10,152	1/2	6,888
3/4	23,635	3/4	22,150	3/4	19,698	3/4	16,714	3/4	13,446	3/4	10,082	3/4	6,823
2	23,620	2	22,106	2	19,640	2	16,648	2	13,376	2	10,012	2	6,757
1/4	23,605	1/4	22,062	1/4	19,582	1/4	16,582	1/4	13,307	1/4	9,943	1/4	6,691
1/2	23,590	1/2	22,017	1/2	19,523	1/2	16,516	1/2	13,237	1/2	9,873	1/2	6,626
3/4	23,575	3/4	21,973	3/4	19,465	3/4	16,450	3/4	13,168	3/4	9,804	3/4	6,561
3	23,557	3	21,928	3	19,406	3	16,383	3	13,098	3	9,735	3	6,496
1/4	23,539	1/4	21,882	1/4	19,347	1/4	16,317	1/4	13,028	1/4	9,666	1/4	6,431
1/2	23,520	1/2	21,837	1/2	19,288	1/2	16,250	1/2	12,959	1/2	9,597	1/2	6,366
3/4	23,502	3/4	21,791	3/4	19,230	3/4	16,184	3/4	12,889	3/4	9,528	3/4	6,302
4	23,479	4	21,744	4	19,170	4	16,117	4	12,819	4	9,459	4	6,237
1/4	23,456	1/4	21,697	1/4	19,110	1/4	16,050	1/4	12,750	1/4	9,390	1/4	6,173
1/2	23,433	1/2	21,651	1/2	19,051	1/2	15,983	1/2	12,680	1/2	9,321	1/2	6,109
3/4	23,410	3/4	21,604	3/4	18,991	3/4	15,917	3/4	12,610	3/4	9,252	3/4	6,045
5	23,385	5	21,555	5	18,930	5	15,849	5	12,540	5	9,183	5	5,981
1/4	23,359	1/4	21,507	1/4	18,869	1/4	15,781	1/4	12,469	1/4	9,115	1/4	5,917
1/2	23,334	1/2	21,459	1/2	18,808	1/2	15,713	1/2	12,399	1/2	9,045	1/2	5,854
3/4	23,309	3/4	21,411	3/4	18,748	3/4	15,645	3/4	12,329	3/4	8,976	3/4	5,790
6	23,280	6	21,361	6	18,686	6	15,578	6	12,258	6	8,907	6	5,727
1/4	23,252	1/4	21,311	1/4	18,625	1/4	15,510	1/4	12,188	1/4	8,838	1/4	5,663
1/2	23,224	1/2	21,261	1/2	18,564	1/2	15,442	1/2	12,118	1/2	8,770	1/2	5,600
3/4	23,195	3/4	21,212	3/4	18,503	3/4	15,375	3/4	12,048	3/4	8,702	3/4	5,538
7	23,163	7	21,161	7	18,441	7	15,307	7	11,977	7	8,633	7	5,475
1/4	23,131	1/4	21,110	1/4	18,379	1/4	15,239	1/4	11,905	1/4	8,565	1/4	5,412
1/2	23,099	1/2	21,060	1/2	18,317	1/2	15,171	1/2	11,834	1/2	8,497	1/2	5,351
3/4	23,068	3/4	21,009	3/4	18,256	3/4	15,103	3/4	11,763	3/4	8,429	3/4	5,289
8	23,034	8	20,957	8	18,193	8	15,035	8	11,691	8	8,361	8	5,227
1/4	23,001	1/4	20,905	1/4	18,130	1/4	14,966	1/4	11,620	1/4	8,293	1/4	5,165
1/2	22,968	1/2	20,853	1/2	18,068	1/2	14,898	1/2	11,550	1/2	8,225	1/2	5,104
3/4	22,934	3/4	20,801	3/4	18,005	3/4	14,830	3/4	11,480	3/4	8,158	3/4	5,043
9	22,898	9	20,748	9	17,941	9	14,761	9	11,410	9	8,090	9	4,981
1/4	22,862	1/4	20,695	1/4	17,878	1/4	14,692	1/4	11,339	1/4	8,023	1/4	4,920
1/2	22,826	1/2	20,642	1/2	17,814	1/2	14,622	1/2	11,269	1/2	7,955	1/2	4,859
3/4	22,790	3/4	20,589	3/4	17,750	3/4	14,553	3/4	11,199	3/4	7,887	3/4	4,799
10	22,752	10	20,535	10	17,687	10	14,485	10	11,128	10	7,819	10	4,738
1/4	22,715	1/4	20,480	1/4	17,623	1/4	14,416	1/4	11,058	1/4	7,751	1/4	4,677
1/2	22,677	1/2	20,426	1/2	17,559	1/2	14,347	1/2	10,988	1/2	7,685	1/2	4,617
3/4	22,640	3/4	20,371	3/4	17,495	3/4	14,278	3/4	10,918	3/4	7,618	3/4	4,558
11	22,601	11	20,316	11	17,431	11	14,209	11	10,848	11	7,551	11	4,498
1/4	22,562	1/4	20,261	1/4	17,366	1/4	14,140	1/4	10,779	1/4	7,484	1/4	4,438
1/2	22,522	1/2	20,206	1/2	17,302	1/2	14,071	1/2	10,709	1/2	7,418	1/2	4,380
3/4	22,483	3/4	20,151	3/4	17,237	3/4	14,002	3/4	10,640	3/4	7,351	3/4	4,321

CAPACITY IN: U. S. GALLONS TAPE CALIBRATED: 1/10/80  
 2% OUTAGE = 23,195 GALLONS (1'-6 3/4" FROM RIM OF HATCH)  
 SHELL FULL = 23,668 GALLONS (9'-1 1/2" INNAGE OR  
 1'-0 3/4" OUTAGE) *by J. E. Linton*  
 GAUGE HEIGHT: 10'-2 1/4" (FROM RIM OF HATCH)

SRAX 23531

FORM L 8-12-17

*Chas. MARTIN*  
Inspectors  
of Petroleum, Inc.  
INDEPENDENT LICENSED INSPECTION

SHEET NO. 2 OF 2 TANK CAR  
NUMBER:

**DOWX**

OUTAGE TABLE

JOB NO. 3060-TS

SER. NO. 161593-01-29

R. T. C. NO. 29

8 FEET		9 FEET		10 FEET		FEET		FEET		FEET	
IN.		IN.		IN.		IN.		IN.		IN.	
0	4,262	0	1,740	0	111	0		0		0	
1/4	4,203	1/4	1,695	1/4	93	1/4		1/4		1/4	
1/2	4,145	1/2	1,650	1/2	78	1/2		1/2		1/2	
3/4	4,086	3/4	1,606	3/4	63	3/4		3/4		3/4	
1	4,028	1	1,562	1	48	1		1		1	
1/4	3,970	1/4	1,518	1/4	33	1/4		1/4		1/4	
1/2	3,913	1/2	1,475	1/2	25	1/2		1/2		1/2	
3/4	3,856	3/4	1,433	3/4	16	3/4		3/4		3/4	
2	3,799	2	1,390	2	8	2		2		2	
1/4	3,741	1/4	1,348	1/4	0	1/4		1/4		1/4	
1/2	3,685	1/2	1,307	1/2		1/2		1/2		1/2	
3/4	3,629	3/4	1,266	3/4		3/4		3/4		3/4	
3	3,573	3	1,225	3		3		3		3	
1/4	3,517	1/4	1,185	1/4		1/4		1/4		1/4	
1/2	3,462	1/2	1,146	1/2		1/2		1/2		1/2	
3/4	3,407	3/4	1,106	3/4		3/4		3/4		3/4	
4	3,352	4	1,067	4		4		4		4	
1/4	3,297	1/4	1,028	1/4		1/4		1/4		1/4	
1/2	3,242	1/2	991	1/2		1/2		1/2		1/2	
3/4	3,188	3/4	953	3/4		3/4		3/4		3/4	
5	3,133	5	916	5		5		5		5	
1/4	3,079	1/4	878	1/4		1/4		1/4		1/4	
1/2	3,026	1/2	842	1/2		1/2		1/2		1/2	
3/4	2,973	3/4	806	3/4		3/4		3/4		3/4	
6	2,920	6	770	6		6		6		6	
1/4	2,867	1/4	733	1/4		1/4		1/4		1/4	
1/2	2,815	1/2	700	1/2		1/2		1/2		1/2	
3/4	2,763	3/4	667	3/4		3/4		3/4		3/4	
7	2,711	7	634	7		7		7		7	
1/4	2,659	1/4	600	1/4		1/4		1/4		1/4	
1/2	2,608	1/2	569	1/2		1/2		1/2		1/2	
3/4	2,558	3/4	537	3/4		3/4		3/4		3/4	
8	2,507	8	505	8		8		8		8	
1/4	2,456	1/4	473	1/4		1/4		1/4		1/4	
1/2	2,407	1/2	444	1/2		1/2		1/2		1/2	
3/4	2,357	3/4	416	3/4		3/4		3/4		3/4	
9	2,307	9	388	9		9		9		9	
1/4	2,257	1/4	359	1/4		1/4		1/4		1/4	
1/2	2,209	1/2	334	1/2		1/2		1/2		1/2	
3/4	2,161	3/4	309	3/4		3/4		3/4		3/4	
10	2,112	10	283	10		10		10		10	
1/4	2,064	1/4	258	1/4		1/4		1/4		1/4	
1/2	2,017	1/2	235	1/2		1/2		1/2		1/2	
3/4	1,970	3/4	212	3/4		3/4		3/4		3/4	
11	1,924	11	189	11		11		11		11	
1/4	1,877	1/4	166	1/4		1/4		1/4		1/4	
1/2	1,831	1/2	148	1/2		1/2		1/2		1/2	
3/4	1,786	3/4	129	3/4		3/4		3/4		3/4	

CAPACITY IN: U. S. GALLONS

TAPE CALIBRATED: 1/10/80

GAUGE HEIGHT: 10'-2 1/4" (FROM RIM OF HATCH)

BY *J. L. Linton*