

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

SRA X 23523

SHEET NO. 1 OF 2 TANK CAR
NUMBER:

DOW X

OUTAGE TABLE

JOB NO. 3060-TS

SER. NO. 161593-01-61

R. T. C. NO. 61

1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	22,467	0	20,128	0	17,208	0	13,965	0	10,595	0	7,302
1/4		1/4	22,426	1/4	20,072	1/4	17,143	1/4	13,896	1/4	10,525	1/4	7,235
1/2		1/2	22,385	1/2	20,016	1/2	17,078	1/2	13,827	1/2	10,456	1/2	7,169
3/4		3/4	22,344	3/4	19,960	3/4	17,013	3/4	13,757	3/4	10,386	3/4	7,103
1	23,654	1	22,303	1	19,904	1	16,947	1	13,688	1	10,316	1	7,037
1/4	23,646	1/4	22,260	1/4	19,846	1/4	16,881	1/4	13,618	1/4	10,247	1/4	6,971
1/2	23,638	1/2	22,218	1/2	19,789	1/2	16,815	1/2	13,548	1/2	10,177	1/2	6,905
3/4	23,629	3/4	22,175	3/4	19,732	3/4	16,749	3/4	13,477	3/4	10,106	3/4	6,839
2	23,621	2	22,132	2	19,675	2	16,683	2	13,407	2	10,036	2	6,773
1/4	23,606	1/4	22,088	1/4	19,616	1/4	16,617	1/4	13,338	1/4	9,966	1/4	6,707
1/2	23,591	1/2	22,044	1/2	19,558	1/2	16,551	1/2	13,268	1/2	9,897	1/2	6,641
3/4	23,576	3/4	22,000	3/4	19,499	3/4	16,485	3/4	13,198	3/4	9,827	3/4	6,576
3	23,561	3	21,955	3	19,441	3	16,419	3	13,129	3	9,758	3	6,511
1/4	23,543	1/4	21,910	1/4	19,382	1/4	16,352	1/4	13,059	1/4	9,689	1/4	6,446
1/2	23,524	1/2	21,864	1/2	19,323	1/2	16,285	1/2	12,989	1/2	9,619	1/2	6,381
3/4	23,506	3/4	21,818	3/4	19,264	3/4	16,219	3/4	12,919	3/4	9,550	3/4	6,317
4	23,487	4	21,773	4	19,205	4	16,152	4	12,850	4	9,481	4	6,252
1/4	23,464	1/4	21,726	1/4	19,145	1/4	16,085	1/4	12,780	1/4	9,412	1/4	6,188
1/2	23,441	1/2	21,679	1/2	19,085	1/2	16,018	1/2	12,710	1/2	9,343	1/2	6,124
3/4	23,418	3/4	21,632	3/4	19,026	3/4	15,951	3/4	12,640	3/4	9,274	3/4	6,060
5	23,395	5	21,585	5	18,966	5	15,884	5	12,570	5	9,205	5	5,996
1/4	23,370	1/4	21,536	1/4	18,905	1/4	15,816	1/4	12,499	1/4	9,136	1/4	5,932
1/2	23,345	1/2	21,488	1/2	18,844	1/2	15,748	1/2	12,429	1/2	9,067	1/2	5,868
3/4	23,320	3/4	21,440	3/4	18,783	3/4	15,680	3/4	12,358	3/4	8,998	3/4	5,804
6	23,295	6	21,391	6	18,722	6	15,612	6	12,288	6	8,928	6	5,740
1/4	23,265	1/4	21,342	1/4	18,661	1/4	15,544	1/4	12,217	1/4	8,859	1/4	5,676
1/2	23,238	1/2	21,292	1/2	18,599	1/2	15,477	1/2	12,146	1/2	8,791	1/2	5,614
3/4	23,210	3/4	21,242	3/4	18,538	3/4	15,409	3/4	12,076	3/4	8,722	3/4	5,551
7	23,181	7	21,192	7	18,477	7	15,341	7	12,005	7	8,654	7	5,488
1/4	23,149	1/4	21,141	1/4	18,415	1/4	15,273	1/4	11,934	1/4	8,586	1/4	5,425
1/2	23,117	1/2	21,090	1/2	18,353	1/2	15,205	1/2	11,863	1/2	8,517	1/2	5,363
3/4	23,085	3/4	21,039	3/4	18,291	3/4	15,137	3/4	11,791	3/4	8,449	3/4	5,301
8	23,053	8	20,988	8	18,229	8	15,068	8	11,720	8	8,381	8	5,239
1/4	23,019	1/4	20,936	1/4	18,166	1/4	15,000	1/4	11,649	1/4	8,313	1/4	5,177
1/2	22,985	1/2	20,884	1/2	18,103	1/2	14,932	1/2	11,578	1/2	8,245	1/2	5,116
3/4	22,951	3/4	20,832	3/4	18,040	3/4	14,863	3/4	11,508	3/4	8,177	3/4	5,055
9	22,918	9	20,780	9	17,978	9	14,795	9	11,437	9	8,110	9	4,993
1/4	22,882	1/4	20,727	1/4	17,914	1/4	14,726	1/4	11,366	1/4	8,042	1/4	4,932
1/2	22,847	1/2	20,674	1/2	17,850	1/2	14,656	1/2	11,296	1/2	7,974	1/2	4,871
3/4	22,811	3/4	20,621	3/4	17,786	3/4	14,587	3/4	11,225	3/4	7,906	3/4	4,810
10	22,776	10	20,568	10	17,722	10	14,518	10	11,155	10	7,838	10	4,749
1/4	22,738	1/4	20,513	1/4	17,658	1/4	14,449	1/4	11,084	1/4	7,770	1/4	4,688
1/2	22,701	1/2	20,459	1/2	17,594	1/2	14,380	1/2	11,014	1/2	7,703	1/2	4,628
3/4	22,663	3/4	20,404	3/4	17,530	3/4	14,311	3/4	10,944	3/4	7,636	3/4	4,569
11	22,626	11	20,349	11	17,466	11	14,242	11	10,874	11	7,569	11	4,509
1/4	22,586	1/4	20,294	1/4	17,402	1/4	14,173	1/4	10,804	1/4	7,502	1/4	4,449
1/2	22,546	1/2	20,239	1/2	17,337	1/2	14,104	1/2	10,735	1/2	7,435	1/2	4,390
3/4	22,506	3/4	20,184	3/4	17,273	3/4	14,035	3/4	10,665	3/4	7,369	3/4	4,331

CAPACITY IN: U. S. GALLONS

TAPE CALIBRATED: 2/8/80

2% OUTAGE = 23,181 GALLONS (1'-7" FROM RIM OF HATCH)

SHELL FULL = 23,654 GALLONS (9'-1 1/4" INNAGE OR
1'-1" OUTAGE)

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

BY *J.E. Kuntore*

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

SRAX 23523

SHEET NO. 2 OF 2 TANK CAR
NUMBER:

DOWX

OUTAGE TABLE

JOB NO. 3060-TS

SER. NO. 161593-01-61

R. T. C. NO. 61

8 FEET		9 FEET		10 FEET		FEET		FEET		FEET		FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	4,272	0	1,744	0	111	0		0		0		0	
1/4	4,213	1/4	1,699	1/4	93	1/4		1/4		1/4		1/4	
1/2	4,155	1/2	1,654	1/2	78	1/2		1/2		1/2		1/2	
3/4	4,096	3/4	1,610	3/4	63	3/4		3/4		3/4		3/4	
1	4,038	1	1,566	1	48	1		1		1		1	
1/4	3,979	1/4	1,522	1/4	33	1/4		1/4		1/4		1/4	
1/2	3,922	1/2	1,479	1/2	25	1/2		1/2		1/2		1/2	
3/4	3,865	3/4	1,436	3/4	16	3/4		3/4		3/4		3/4	
2	3,808	2	1,394	2	8	2		2		2		2	
1/4	3,750	1/4	1,351	1/4	0	1/4		1/4		1/4		1/4	
1/2	3,694	1/2	1,310	1/2		1/2		1/2		1/2		1/2	
3/4	3,638	3/4	1,269	3/4		3/4		3/4		3/4		3/4	
3	3,582	3	1,228	3		3		3		3		3	
1/4	3,526	1/4	1,187	1/4		1/4		1/4		1/4		1/4	
1/2	3,470	1/2	1,148	1/2		1/2		1/2		1/2		1/2	
3/4	3,415	3/4	1,108	3/4		3/4		3/4		3/4		3/4	
4	3,360	4	1,068	4		4		4		4		4	
1/4	3,305	1/4	1,028	1/4		1/4		1/4		1/4		1/4	
1/2	3,250	1/2	991	1/2		1/2		1/2		1/2		1/2	
3/4	3,195	3/4	953	3/4		3/4		3/4		3/4		3/4	
5	3,141	5	916	5		5		5		5		5	
1/4	3,086	1/4	878	1/4		1/4		1/4		1/4		1/4	
1/2	3,033	1/2	843	1/2		1/2		1/2		1/2		1/2	
3/4	2,980	3/4	807	3/4		3/4		3/4		3/4		3/4	
6	2,927	6	772	6		6		6		6		6	
1/4	2,874	1/4	736	1/4		1/4		1/4		1/4		1/4	
1/2	2,822	1/2	703	1/2		1/2		1/2		1/2		1/2	
3/4	2,770	3/4	669	3/4		3/4		3/4		3/4		3/4	
7	2,718	7	635	7		7		7		7		7	
1/4	2,666	1/4	601	1/4		1/4		1/4		1/4		1/4	
1/2	2,615	1/2	569	1/2		1/2		1/2		1/2		1/2	
3/4	2,564	3/4	537	3/4		3/4		3/4		3/4		3/4	
8	2,513	8	505	8		8		8		8		8	
1/4	2,462	1/4	473	1/4		1/4		1/4		1/4		1/4	
1/2	2,412	1/2	444	1/2		1/2		1/2		1/2		1/2	
3/4	2,362	3/4	416	3/4		3/4		3/4		3/4		3/4	
9	2,312	9	388	9		9		9		9		9	
1/4	2,263	1/4	359	1/4		1/4		1/4		1/4		1/4	
1/2	2,214	1/2	334	1/2		1/2		1/2		1/2		1/2	
3/4	2,166	3/4	309	3/4		3/4		3/4		3/4		3/4	
10	2,118	10	284	10		10		10		10		10	
1/4	2,069	1/4	259	1/4		1/4		1/4		1/4		1/4	
1/2	2,022	1/2	236	1/2		1/2		1/2		1/2		1/2	
3/4	1,975	3/4	213	3/4		3/4		3/4		3/4		3/4	
11	1,928	11	190	11		11		11		11		11	
1/4	1,881	1/4	167	1/4		1/4		1/4		1/4		1/4	
1/2	1,836	1/2	148	1/2		1/2		1/2		1/2		1/2	
3/4	1,790	3/4	130	3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: U. S. GALLONS

TAPE CALIBRATED: 2/8/80

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

BY *J.E. Lanston*