

BARGE NUMBER IB9301

PREVIOUSLY BARGE "OCC 301" OF OCCIDENTAL CHEMICAL COMPANY

General Barge Information

Barge Size: 195' x 35'
Total Capacity (Liquid Tons): 1328
Compartment Lining: Zinc
Number of Compartments: 5
Drafts (at Capacity): 8' 6"
Pump Type: Diesel
Pump Capacity (GPM): 500

Compartment Information

Barge tables are given as innages in U.S. gallons. For caustic soda and caustic potash, the surveyor will normally take outage measurements and subtract this value from the below noted compartment gauge height to obtain innage values.

<u>Compartment</u>	<u>Gauge Point</u>	<u>Gauge Height</u>
1	Rim of sounding tube - Aft of tank	11' 5-1/2"
2	Rim of sounding tube - Aft of tank	11' 5-1/4"
3	Rim of sounding tube - Aft of tank	11' 5-1/4"
4	Rim of sounding tube - Aft of tank	11' 5-1/4"
5	Rim of sounding tube - Aft of tank	11' 5-1/2"

NOTE: Gallons per inch of expansion hatch is 6.00.

Chas. MARTIN

A
COMPANY OF



BARGE NUMBER IB9301

PREVIOUSLY BARGE "OCC 301" OF OCCIDENTAL CHEMICAL COMPANY


CORRECTION TABLE FOR TRIM AFT.			
FOR INNAGE GAUGES ONLY			
TRIM	TANK NO. 1	TANKS NO. 2, 3 OR 4	TANK NO. 5
0'-6"	(-) 0'-0 1/4"	(-) 0'-0 1/2"	(-) 0'-0 1/4"
1'-0"	(-) 0'-0 1/2"	(-) 0'-1	(-) 0'-0 1/2"
1'-6"	(-) 0'-0 3/4"	(-) 0'-1 1/2"	(-) 0'-0 3/4"
2'-0"	(-) 0'-1"	(-) 0'-1 7/8"	(-) 0'-1 1/8"
2'-6"	(-) 0'-1 1/4"	(-) 0'-2 3/8"	(-) 0'-1 3/8"
3'-0"	(-) 0'-1 1/2"	(-) 0'-2 7/8"	(-) 0'-1 5/8"
3'-6"	(-) 0'-1 5/8"	(-) 0'-3 3/8"	(-) 0'-1 7/8"
4'-0"	(-) 0'-1 7/8"	(-) 0'-3 7/8"	(-) 0'-2 1/8"
4'-6"	(-) 0'-2 1/8"	(-) 0'-4 3/8"	(-) 0'-2 3/8"
5'-0"	(-) 0'-2 3/8"	(-) 0'-4 3/4"	(-) 0'-2 3/4"

NOTE: FOR TRIM FWD., REVERSE SIGNS.

NOTE: IF LIQUID SURFACE TOUCHES TANK BOTTOM OR DECK WHEN GAUGED, TRIM CORRECTIONS ARE NOT ACCURATE.

NOTE: FOR "OUTAGE" GAUGES, REVERSE SIGNS.

CHAS. MARTIN INSPECTION
AND CONTROLS, INC.


BY: D. SAUER

DATE: 1/16/91

Chas. MARTIN

A COMPANY OF INSPECTORATE

BARGE NUMBER IB9301

TANK NUMBER:

1

SHEET NO. 1 OF 2

PREVIOUSLY BARGE "OCC 301" OF OCCIDENTAL CHEMICAL COMPANY

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET	
IN.		IN.		IN.		IN.		IN.		IN.	
0		0		0		0		0		0	
1/8	44	1/8	2,110	1/8	4,221	1/8	8,441	1/8	12,662	1/8	16,883
1/4	88	1/4	2,154	1/4	4,265	1/4	8,485	1/4	12,706	1/4	16,927
3/8	132	3/8	2,198	3/8	4,309	3/8	8,529	3/8	12,750	3/8	16,971
1/2	176	1/2	2,242	1/2	4,353	1/2	8,573	1/2	12,794	1/2	17,015
5/8	220	5/8	2,286	5/8	4,397	5/8	8,617	5/8	12,838	5/8	17,059
3/4	264	3/4	2,330	3/4	4,441	3/4	8,661	3/4	12,882	3/4	17,103
7/8	308	7/8	2,374	7/8	4,485	7/8	8,705	7/8	12,926	7/8	17,147
1	352	1	2,418	1	4,528	1	8,749	1	12,970	1	17,191
1 1/8	396	1 1/8	2,462	1 1/8	4,572	1 1/8	8,793	1 1/8	13,014	1 1/8	17,235
1 1/4	440	1 1/4	2,506	1 1/4	4,616	1 1/4	8,837	1 1/4	13,058	1 1/4	17,279
1 1/2	484	1 1/2	2,550	1 1/2	4,660	1 1/2	8,881	1 1/2	13,102	1 1/2	17,323
1 3/4	528	1 3/4	2,594	1 3/4	4,704	1 3/4	8,925	1 3/4	13,146	1 3/4	17,367
1 7/8	572	1 7/8	2,638	1 7/8	4,748	1 7/8	8,969	1 7/8	13,190	1 7/8	17,411
2	616	2	2,682	2	4,792	2	9,013	2	13,234	2	17,455
2 1/8	659	2 1/8	2,726	2 1/8	4,836	2 1/8	9,057	2 1/8	13,278	2 1/8	17,499
2 1/4	703	2 1/4	2,770	2 1/4	4,880	2 1/4	9,101	2 1/4	13,322	2 1/4	17,543
2 1/2	747	2 1/2	2,814	2 1/2	4,924	2 1/2	9,145	2 1/2	13,366	2 1/2	17,587
2 3/4	791	2 3/4	2,858	2 3/4	4,968	2 3/4	9,189	2 3/4	13,410	2 3/4	17,630
2 7/8	835	2 7/8	2,902	2 7/8	5,012	2 7/8	9,233	2 7/8	13,454	2 7/8	17,674
3	879	3	2,946	3	5,056	3	9,277	3	13,498	3	17,718
3 1/8	923	3 1/8	2,990	3 1/8	5,100	3 1/8	9,321	3 1/8	13,542	3 1/8	17,762
3 1/4	967	3 1/4	3,034	3 1/4	5,144	3 1/4	9,365	3 1/4	13,586	3 1/4	17,806
3 1/2	1,011	3 1/2	3,078	3 1/2	5,188	3 1/2	9,409	3 1/2	13,629	3 1/2	17,850
3 3/4	1,055	3 3/4	3,122	3 3/4	5,232	3 3/4	9,453	3 3/4	13,673	3 3/4	17,894
3 7/8	1,099	3 7/8	3,166	3 7/8	5,276	3 7/8	9,497	3 7/8	13,717	3 7/8	17,938
4	1,143	4	3,210	4	5,320	4	9,541	4	13,761	4	17,982
4 1/8	1,187	4 1/8	3,253	4 1/8	5,364	4 1/8	9,585	4 1/8	13,805	4 1/8	18,026
4 1/4	1,231	4 1/4	3,297	4 1/4	5,408	4 1/4	9,629	4 1/4	13,849	4 1/4	18,070
4 1/2	1,275	4 1/2	3,341	4 1/2	5,452	4 1/2	9,673	4 1/2	13,893	4 1/2	18,114
4 3/4	1,319	4 3/4	3,385	4 3/4	5,496	4 3/4	9,717	4 3/4	13,937	4 3/4	18,158
4 7/8	1,363	4 7/8	3,429	4 7/8	5,540	4 7/8	9,761	4 7/8	13,981	4 7/8	18,202
5	1,407	5	3,473	5	5,584	5	9,804	5	14,025	5	18,246
5 1/8	1,451	5 1/8	3,517	5 1/8	5,628	5 1/8	9,848	5 1/8	14,069	5 1/8	18,290
5 1/4	1,495	5 1/4	3,561	5 1/4	5,672	5 1/4	9,892	5 1/4	14,113	5 1/4	18,334
5 1/2	1,539	5 1/2	3,605	5 1/2	5,716	5 1/2	9,936	5 1/2	14,157	5 1/2	18,378
5 3/4	1,583	5 3/4	3,649	5 3/4	5,760	5 3/4	9,980	5 3/4	14,201	5 3/4	18,422
5 7/8	1,627	5 7/8	3,693	5 7/8	5,804	5 7/8	10,024	5 7/8	14,245	5 7/8	18,466
6	1,671	6	3,737	6	5,847	6	10,068	6	14,289	6	18,510
6 1/8	1,715	6 1/8	3,781	6 1/8	5,891	6 1/8	10,112	6 1/8	14,333	6 1/8	18,554
6 1/4	1,759	6 1/4	3,825	6 1/4	5,935	6 1/4	10,156	6 1/4	14,377	6 1/4	18,598
6 1/2	1,803	6 1/2	3,869	6 1/2	5,979	6 1/2	10,200	6 1/2	14,421	6 1/2	18,642
6 3/4	1,847	6 3/4	3,913	6 3/4	6,023	6 3/4	10,244	6 3/4	14,465	6 3/4	18,686
6 7/8	1,891	6 7/8	3,957	6 7/8	6,067	6 7/8	10,288	6 7/8	14,509	6 7/8	18,730
7	1,935	7	4,001	7	6,111	7	10,332	7	14,553	7	18,773
7 1/8	1,978	7 1/8	4,045	7 1/8	6,155	7 1/8	10,376	7 1/8	14,597	7 1/8	18,817
7 1/4	2,022	7 1/4	4,089	7 1/4	6,199	7 1/4	10,420	7 1/4	14,641	7 1/4	18,861
7 1/2	2,066	7 1/2	4,133	7 1/2	6,243	7 1/2	10,464	7 1/2	14,685	7 1/2	18,905
7 3/4		7 3/4	4,177	7 3/4	6,287	7 3/4	10,508	7 3/4	14,729	7 3/4	18,949
7 7/8		7 7/8		7 7/8		7 7/8		7 7/8		7 7/8	
8		8		8		8		8		8	

CAPACITY IN: U.S. GALLONS

STRAPPED: 1/16/91

GAUGE HEIGHT: 11'-5 1/2" (RIM OF 3" DIAMETER PIPE ON 6" DIAMETER PIPE LOCATED NEAR AFT BULKHEAD.)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

Chas. Martin
CHAS. MARTIN CORPORATION

Chas. MARTIN

A COMPANY OF INSPECTORATE

BARGE NUMBER IB9301

PREVIOUSLY BARGE "OCC 301" OF OCCIDENTAL CHEMICAL COMPANY

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

TANK NUMBER:

1

SHEET NO. 2 OF 2

6 FEET			7 FEET			8 FEET			FEET			FEET			FEET			
IN.		IN.	IN.		IN.	IN.		IN.	IN.		IN.	IN.		IN.	IN.		IN.	
0	25,324	6	27,435	0	29,545	6	31,656	0	33,766	6	34,865	0		6		0		6
1/8	25,368	1/8	27,479	1/8	29,589	1/8	31,699	1/8	33,810	1/8		1/8		1/8		1/8		1/8
1/4	25,412	1/4	27,523	1/4	29,633	1/4	31,743	1/4	33,854	1/4		1/4		1/4		1/4		1/4
3/8	25,456	3/8	27,567	3/8	29,677	3/8	31,787	3/8	33,898	3/8		3/8		3/8		3/8		3/8
1/2	25,500	1/2	27,611	1/2	29,721	1/2	31,831	1/2	33,942	1/2		1/2		1/2		1/2		1/2
5/8	25,544	5/8	27,655	5/8	29,765	5/8	31,875	5/8	33,986	5/8		5/8		5/8		5/8		5/8
3/4	25,588	3/4	27,699	3/4	29,809	3/4	31,919	3/4	34,030	3/4		3/4		3/4		3/4		3/4
7/8	25,632	7/8	27,743	7/8	29,853	7/8	31,963	7/8	34,074	7/8		7/8		7/8		7/8		7/8
1	25,676	7	27,787	1	29,897	7	32,007	1	34,095	7		1		7		1		7
1/8	25,720	1/8	27,830	1/8	29,941	1/8	32,051	1/8	34,135	1/8		1/8		1/8		1/8		1/8
1/4	25,764	1/4	27,874	1/4	29,985	1/4	32,095	1/4	34,175	1/4		1/4		1/4		1/4		1/4
3/8	25,808	3/8	27,918	3/8	30,029	3/8	32,139	3/8	34,217	3/8		3/8		3/8		3/8		3/8
1/2	25,852	1/2	27,962	1/2	30,073	1/2	32,183	1/2	34,260	1/2		1/2		1/2		1/2		1/2
5/8	25,896	5/8	28,006	5/8	30,117	5/8	32,227	5/8	34,302	5/8		5/8		5/8		5/8		5/8
3/4	25,940	3/4	28,050	3/4	30,161	3/4	32,271	3/4	34,345	3/4		3/4		3/4		3/4		3/4
7/8	25,984	7/8	28,094	7/8	30,205	7/8	32,315	7/8	34,387	7/8		7/8		7/8		7/8		7/8
2	26,028	8	28,138	2	30,249	8	32,359	2	34,430	8		2		8		2		8
1/8	26,072	1/8	28,182	1/8	30,293	1/8	32,403	1/8	34,472	1/8		1/8		1/8		1/8		1/8
1/4	26,116	1/4	28,226	1/4	30,337	1/4	32,447	1/4	34,515	1/4		1/4		1/4		1/4		1/4
3/8	26,160	3/8	28,270	3/8	30,381	3/8	32,491	3/8	34,557	3/8		3/8		3/8		3/8		3/8
1/2	26,204	1/2	28,314	1/2	30,424	1/2	32,535	1/2	34,600	1/2		1/2		1/2		1/2		1/2
5/8	26,248	5/8	28,358	5/8	30,468	5/8	32,579	5/8	34,642	5/8		5/8		5/8		5/8		5/8
3/4	26,292	3/4	28,402	3/4	30,512	3/4	32,623	3/4	34,685	3/4		3/4		3/4		3/4		3/4
7/8	26,336	7/8	28,446	7/8	30,556	7/8	32,667	7/8	34,727	7/8		7/8		7/8		7/8		7/8
3	26,380	9	28,490	3	30,600	9	32,711	3	34,770	9		3		9		3		9
1/8	26,424	1/8	28,534	1/8	30,644	1/8	32,755	1/8	34,812	1/8		1/8		1/8		1/8		1/8
1/4	26,468	1/4	28,578	1/4	30,688	1/4	32,799	1/4	34,855	1/4		1/4		1/4		1/4		1/4
3/8	26,511	3/8	28,622	3/8	30,732	3/8	32,843	3/8	34,897	3/8		3/8		3/8		3/8		3/8
1/2	26,555	1/2	28,666	1/2	30,776	1/2	32,887	1/2	34,940	1/2		1/2		1/2		1/2		1/2
5/8	26,599	5/8	28,710	5/8	30,820	5/8	32,931	5/8	34,982	5/8		5/8		5/8		5/8		5/8
3/4	26,643	3/4	28,754	3/4	30,864	3/4	32,975	3/4	35,025	3/4		3/4		3/4		3/4		3/4
7/8	26,687	7/8	28,798	7/8	30,908	7/8	33,018	7/8	35,067	7/8		7/8		7/8		7/8		7/8
4	26,731	10	28,842	4	30,952	10	33,062	4	35,110	10		4		10		4		10
1/8	26,775	1/8	28,886	1/8	30,996	1/8	33,106	1/8	35,152	1/8		1/8		1/8		1/8		1/8
1/4	26,819	1/4	28,930	1/4	31,040	1/4	33,150	1/4	35,195	1/4		1/4		1/4		1/4		1/4
3/8	26,863	3/8	28,974	3/8	31,084	3/8	33,194	3/8	35,237	3/8		3/8		3/8		3/8		3/8
1/2	26,907	1/2	29,018	1/2	31,128	1/2	33,238	1/2	35,280	1/2		1/2		1/2		1/2		1/2
5/8	26,951	5/8	29,062	5/8	31,172	5/8	33,282	5/8	35,322	5/8		5/8		5/8		5/8		5/8
3/4	26,995	3/4	29,105	3/4	31,216	3/4	33,326	3/4	35,365	3/4		3/4		3/4		3/4		3/4
7/8	27,039	7/8	29,149	7/8	31,260	7/8	33,370	7/8	35,407	7/8		7/8		7/8		7/8		7/8
5	27,083	11	29,193	5	31,304	11	33,414	5	35,450	11		5		11		5		11
1/8	27,127	1/8	29,237	1/8	31,348	1/8	33,458	1/8	35,492	1/8		1/8		1/8		1/8		1/8
1/4	27,171	1/4	29,281	1/4	31,392	1/4	33,502	1/4	35,535	1/4		1/4		1/4		1/4		1/4
3/8	27,215	3/8	29,325	3/8	31,436	3/8	33,546	3/8	35,577	3/8		3/8		3/8		3/8		3/8
1/2	27,259	1/2	29,369	1/2	31,480	1/2	33,590	1/2	35,620	1/2		1/2		1/2		1/2		1/2
5/8	27,303	5/8	29,413	5/8	31,524	5/8	33,634	5/8	35,662	5/8		5/8		5/8		5/8		5/8
3/4	27,347	3/4	29,457	3/4	31,568	3/4	33,678	3/4	35,705	3/4		3/4		3/4		3/4		3/4
7/8	27,391	7/8	29,501	7/8	31,612	7/8	33,722	7/8	35,747	7/8		7/8		7/8		7/8		7/8

CAPACITY IN: U.S. GALLONS

GAUGE HEIGHT: 11'-5 1/2" (RIM OF 3" DIAMETER PIPE ON 6" DIAMETER PIPE, LOCATED NEAR AFT BULKHEAD.)

STRAPPED: 1/16/91

[Signature]
CHAS. MARTIN CORPORATION

Chas. MARTIN

A COMPANY OF INSPECTORATE

BARGE NUMBER IB9301

TANK NUMBER:

2

PREVIOUSLY BARGE "OCC 301" OF OCCIDENTAL CHEMICAL COMPANY

SHEET NO. 1 OF 2

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET												
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.											
0	6	3,221	6	6,443	6	9,664	0	12,886	6	16,107	0	19,329	6	22,550	0	25,771	6	28,993	0	32,214	6	35,436
1/8	67	3,289	1/8	6,510	1/8	9,731	1/8	12,953	1/8	16,174	1/8	19,396	1/8	22,617	1/8	25,839	1/8	29,060	1/8	32,281	1/8	35,503
1/4	134	3,356	1/4	6,577	1/4	9,798	1/4	13,020	1/4	16,241	1/4	19,463	1/4	22,684	1/4	25,906	1/4	29,127	1/4	32,348	1/4	35,570
3/8	201	3,423	3/8	6,644	3/8	9,866	3/8	13,087	3/8	16,308	3/8	19,530	3/8	22,751	3/8	25,973	3/8	29,194	3/8	32,416	3/8	35,637
1/2	268	3,490	1/2	6,711	1/2	9,933	1/2	13,154	1/2	16,376	1/2	19,597	1/2	22,818	1/2	26,040	1/2	29,261	1/2	32,483	1/2	35,704
5/8	336	3,557	5/8	6,778	5/8	10,000	5/8	13,221	5/8	16,443	5/8	19,664	5/8	22,886	5/8	26,107	5/8	29,328	5/8	32,550	5/8	35,771
3/4	403	3,624	3/4	6,846	3/4	10,067	3/4	13,288	3/4	16,510	3/4	19,731	3/4	22,953	3/4	26,174	3/4	29,395	3/4	32,617	3/4	35,838
7/8	470	3,691	7/8	6,913	7/8	10,134	7/8	13,355	7/8	16,577	7/8	19,798	7/8	23,020	7/8	26,241	7/8	29,463	7/8	32,684	7/8	35,905
1	537	3,758	1	6,980	1	10,201	1	13,423	1	16,644	1	19,865	1	23,087	1	26,308	1	29,530	1	32,751	1	35,973
1/8	604	3,825	1/8	7,047	1/8	10,268	1/8	13,490	1/8	16,711	1/8	19,933	1/8	23,154	1/8	26,375	1/8	29,597	1/8	32,818	1/8	36,040
1/4	671	3,893	1/4	7,114	1/4	10,335	1/4	13,557	1/4	16,778	1/4	20,000	1/4	23,221	1/4	26,443	1/4	29,664	1/4	32,885	1/4	36,107
3/8	738	3,960	3/8	7,181	3/8	10,403	3/8	13,624	3/8	16,845	3/8	20,067	3/8	23,288	3/8	26,510	3/8	29,731	3/8	32,952	3/8	36,174
1/2	805	4,027	1/2	7,248	1/2	10,470	1/2	13,691	1/2	16,912	1/2	20,134	1/2	23,355	1/2	26,577	1/2	29,798	1/2	33,020	1/2	36,241
5/8	872	4,094	5/8	7,315	5/8	10,537	5/8	13,758	5/8	16,980	5/8	20,201	5/8	23,422	5/8	26,644	5/8	29,865	5/8	33,087	5/8	36,308
3/4	940	4,161	3/4	7,382	3/4	10,604	3/4	13,825	3/4	17,047	3/4	20,268	3/4	23,490	3/4	26,711	3/4	29,932	3/4	33,154	3/4	36,375
7/8	1,007	4,228	7/8	7,450	7/8	10,671	7/8	13,892	7/8	17,114	7/8	20,335	7/8	23,557	7/8	26,778	7/8	30,000	7/8	33,221	7/8	36,442
2	1,074	4,295	2	7,517	2	10,738	2	13,960	2	17,181	2	20,402	2	23,624	2	26,845	2	30,067	2	33,288	2	36,509
1/8	1,141	4,362	1/8	7,584	1/8	10,805	1/8	14,027	1/8	17,248	1/8	20,469	1/8	23,691	1/8	26,912	1/8	30,134	1/8	33,355	1/8	36,577
1/4	1,208	4,429	1/4	7,651	1/4	10,872	1/4	14,094	1/4	17,315	1/4	20,537	1/4	23,758	1/4	26,979	1/4	30,201	1/4	33,422	1/4	36,644
3/8	1,275	4,497	3/8	7,718	3/8	10,939	3/8	14,161	3/8	17,382	3/8	20,604	3/8	23,825	3/8	27,047	3/8	30,268	3/8	33,489	3/8	36,711
1/2	1,342	4,564	1/2	7,785	1/2	11,007	1/2	14,228	1/2	17,449	1/2	20,671	1/2	23,892	1/2	27,114	1/2	30,335	1/2	33,557	1/2	36,778
5/8	1,409	4,631	5/8	7,852	5/8	11,074	5/8	14,295	5/8	17,516	5/8	20,738	5/8	23,959	5/8	27,181	5/8	30,402	5/8	33,624	5/8	36,845
3/4	1,476	4,698	3/4	7,919	3/4	11,141	3/4	14,362	3/4	17,584	3/4	20,805	3/4	24,026	3/4	27,248	3/4	30,469	3/4	33,691	3/4	36,912
7/8	1,544	4,765	7/8	7,986	7/8	11,208	7/8	14,429	7/8	17,651	7/8	20,872	7/8	24,094	7/8	27,315	7/8	30,536	7/8	33,758	7/8	36,979
3	1,611	4,832	3	8,054	3	11,275	3	14,496	3	17,718	3	20,939	3	24,161	3	27,382	3	30,604	3	33,825	3	37,046
1/8	1,678	4,899	1/8	8,121	1/8	11,342	1/8	14,564	1/8	17,785	1/8	21,006	1/8	24,228	1/8	27,449	1/8	30,671	1/8	33,892	1/8	37,113
1/4	1,745	4,966	1/4	8,188	1/4	11,409	1/4	14,631	1/4	17,852	1/4	21,073	1/4	24,295	1/4	27,516	1/4	30,738	1/4	33,959	1/4	37,181
3/8	1,812	5,033	3/8	8,255	3/8	11,476	3/8	14,698	3/8	17,919	3/8	21,141	3/8	24,362	3/8	27,583	3/8	30,805	3/8	34,026	3/8	37,248
1/2	1,879	5,101	1/2	8,322	1/2	11,543	1/2	14,765	1/2	17,986	1/2	21,208	1/2	24,429	1/2	27,651	1/2	30,872	1/2	34,093	1/2	37,315
5/8	1,946	5,168	5/8	8,389	5/8	11,611	5/8	14,832	5/8	18,053	5/8	21,275	5/8	24,496	5/8	27,718	5/8	30,939	5/8	34,161	5/8	37,382
3/4	2,013	5,235	3/4	8,456	3/4	11,678	3/4	14,899	3/4	18,121	3/4	21,342	3/4	24,563	3/4	27,785	3/4	31,006	3/4	34,228	3/4	37,449
7/8	2,081	5,302	7/8	8,523	7/8	11,745	7/8	14,966	7/8	18,188	7/8	21,409	7/8	24,630	7/8	27,852	7/8	31,073	7/8	34,295	7/8	37,516
4	2,148	5,369	4	8,590	4	11,812	4	15,033	4	18,255	4	21,476	4	24,698	4	27,919	4	31,140	4	34,362	4	37,583
1/8	2,215	5,436	1/8	8,658	1/8	11,879	1/8	15,100	1/8	18,322	1/8	21,543	1/8	24,765	1/8	27,986	1/8	31,208	1/8	34,429	1/8	37,650
1/4	2,282	5,503	1/4	8,725	1/4	11,946	1/4	15,168	1/4	18,389	1/4	21,610	1/4	24,832	1/4	28,053	1/4	31,275	1/4	34,496	1/4	37,718
3/8	2,349	5,570	3/8	8,792	3/8	12,013	3/8	15,235	3/8	18,456	3/8	21,677	3/8	24,899	3/8	28,120	3/8	31,342	3/8	34,563	3/8	37,785
1/2	2,416	5,637	1/2	8,859	1/2	12,080	1/2	15,302	1/2	18,523	1/2	21,745	1/2	24,966	1/2	28,187	1/2	31,409	1/2	34,630	1/2	37,852
5/8	2,483	5,705	5/8	8,926	5/8	12,147	5/8	15,369	5/8	18,590	5/8	21,812	5/8	25,033	5/8	28,255	5/8	31,476	5/8	34,697	5/8	37,919
3/4	2,550	5,772	3/4	8,993	3/4	12,215	3/4	15,436	3/4	18,657	3/4	21,879	3/4	25,100	3/4	28,322	3/4	31,543	3/4	34,765	3/4	37,986
7/8	2,617	5,839	7/8	9,060	7/8	12,282	7/8	15,503	7/8	18,725	7/8	21,946	7/8	25,167	7/8	28,389	7/8	31,610	7/8	34,832	7/8	38,053
5	2,685	5,906	5	9,127	5	12,349	5	15,570	5	18,792	5	22,013	5	25,234	5	28,456	5	31,677	5	34,899	5	38,120
1/8	2,752	5,973	1/8	9,194	1/8	12,416	1/8	15,637	1/8	18,859	1/8	22,080	1/8	25,302	1/8	28,523	1/8	31,744	1/8	34,966	1/8	38,187
1/4	2,819	6,040	1/4	9,262	1/4	12,483	1/4	15,704	1/4	18,926	1/4	22,147	1/4	25,369	1/4	28,590	1/4	31,812	1/4	35,033	1/4	38,254
3/8	2,886	6,107	3/8	9,329	3/8	12,550	3/8	15,772	3/8	18,993	3/8	22,214	3/8	25,436	3/8	28,657	3/8	31,879	3/8	35,100	3/8	38,322
1/2	2,953	6,174	1/2	9,396	1/2	12,617	1/2	15,839	1/2	19,060	1/2	22,282	1/2	25,503	1/2	28,724	1/2	31,946	1/2	35,167	1/2	38,389
5/8	3,020	6,242	5/8	9,463	5/8	12,684	5/8	15,906	5/8	19,127	5/8	22,349	5/8	25,570	5/8	28,791	5/8	32,013	5/8	35,234	5/8	38,456
3/4	3,087	6,309	3/4	9,530	3/4	12,751	3/4	15,973	3/4	19,194	3/4	22,416	3/4	25,637	3/4	28,859	3/4	32,080	3/4	35,301	3/4	38,523
7/8	3,154	6,376	7/8	9,597	7/8	12,819	7/8	16,040	7/8	19,261	7/8	22,483	7/8	25,704	7/8	28,926	7/8	32,147	7/8	35,369	7/8	38,590

CAPACITY IN: U.S. GALLONS

Chas. MARTIN

A COMPANY OF INSPECTORATE

BARGE NUMBER IB9301

PREVIOUSLY BARGE "OCC 301" OF OCCIDENTAL CHEMICAL COMPANY
BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

TANK NUMBER:

2

SHEET NO. 2 OF 2

6 FEET			7 FEET			8 FEET			FEET			FEET			FEET			
IN.		IN.	IN.		IN.	IN.		IN.	IN.		IN.		IN.		IN.		IN.	
0	38,657	6	41,879	0	45,100	6	48,321	0	51,543	6	53,221	0		6		0		6
1/8	38,724	1/8	41,946	1/8	45,167	1/8	48,388	1/8	51,610	1/8		1/8		1/8		1/8		1/8
1/4	38,791	1/4	42,013	1/4	45,234	1/4	48,456	1/4	51,677	1/4		1/4		1/4		1/4		1/4
3/8	38,858	3/8	42,080	3/8	45,301	3/8	48,523	3/8	51,738	3/8		3/8		3/8		3/8		3/8
1/2	38,926	1/2	42,147	1/2	45,368	1/2	48,590	1/2	51,800	1/2		1/2		1/2		1/2		1/2
5/8	38,993	5/8	42,214	5/8	45,436	5/8	48,657	5/8	51,861	5/8		5/8		5/8		5/8		5/8
3/4	39,060	3/4	42,281	3/4	45,503	3/4	48,724	3/4	51,922	3/4		3/4		3/4		3/4		3/4
7/8	39,127	7/8	42,348	7/8	45,570	7/8	48,791	7/8	51,983	7/8		7/8		7/8		7/8		7/8
1	39,194	7	42,415	1	45,637	7	48,858	1	52,045	7		1		7		1		7
1/8	39,261	1/8	42,483	1/8	45,704	1/8	48,925	1/8	52,106	1/8		1/8		1/8		1/8		1/8
1/4	39,328	1/4	42,550	1/4	45,771	1/4	48,992	1/4	52,167	1/4		1/4		1/4		1/4		1/4
3/8	39,395	3/8	42,617	3/8	45,838	3/8	49,060	3/8	52,217	3/8		3/8		3/8		3/8		3/8
1/2	39,462	1/2	42,684	1/2	45,905	1/2	49,127	1/2	52,266	1/2		1/2		1/2		1/2		1/2
5/8	39,530	5/8	42,751	5/8	45,972	5/8	49,194	5/8	52,316	5/8		5/8		5/8		5/8		5/8
3/4	39,597	3/4	42,818	3/4	46,040	3/4	49,261	3/4	52,366	3/4		3/4		3/4		3/4		3/4
7/8	39,664	7/8	42,885	7/8	46,107	7/8	49,328	7/8	52,415	7/8		7/8		7/8		7/8		7/8
2	39,731	8	42,952	2	46,174	8	49,395	2	52,465	8		2		8		2		8
1/8	39,798	1/8	43,019	1/8	46,241	1/8	49,462	1/8	52,514	1/8		1/8		1/8		1/8		1/8
1/4	39,865	1/4	43,087	1/4	46,308	1/4	49,529	1/4	52,564	1/4		1/4		1/4		1/4		1/4
3/8	39,932	3/8	43,154	3/8	46,375	3/8	49,597	3/8	52,602	3/8		3/8		3/8		3/8		3/8
1/2	39,999	1/2	43,221	1/2	46,442	1/2	49,664	1/2	52,640	1/2		1/2		1/2		1/2		1/2
5/8	40,066	5/8	43,288	5/8	46,509	5/8	49,731	5/8	52,678	5/8		5/8		5/8		5/8		5/8
3/4	40,134	3/4	43,355	3/4	46,576	3/4	49,798	3/4	52,716	3/4		3/4		3/4		3/4		3/4
7/8	40,201	7/8	43,422	7/8	46,644	7/8	49,865	7/8	52,754	7/8		7/8		7/8		7/8		7/8
3	40,268	9	43,489	3	46,711	9	49,932	3	52,792	9		3		9		3		9
1/8	40,335	1/8	43,556	1/8	46,778	1/8	49,999	1/8	52,830	1/8		1/8		1/8		1/8		1/8
1/4	40,402	1/4	43,623	1/4	46,845	1/4	50,066	1/4	52,868	1/4		1/4		1/4		1/4		1/4
3/8	40,469	3/8	43,691	3/8	46,912	3/8	50,133	3/8	52,894	3/8		3/8		3/8		3/8		3/8
1/2	40,536	1/2	43,758	1/2	46,979	1/2	50,201	1/2	52,920	1/2		1/2		1/2		1/2		1/2
5/8	40,603	5/8	43,825	5/8	47,046	5/8	50,268	5/8	52,946	5/8		5/8		5/8		5/8		5/8
3/4	40,670	3/4	43,892	3/4	47,113	3/4	50,335	3/4	52,973	3/4		3/4		3/4		3/4		3/4
7/8	40,738	7/8	43,959	7/8	47,180	7/8	50,402	7/8	52,999	7/8		7/8		7/8		7/8		7/8
4	40,805	10	44,026	4	47,248	10	50,469	4	53,025	10		4		10		4		10
1/8	40,872	1/8	44,093	1/8	47,315	1/8	50,536	1/8	53,051	1/8		1/8		1/8		1/8		1/8
1/4	40,939	1/4	44,160	1/4	47,382	1/4	50,603	1/4	53,078	1/4		1/4		1/4		1/4		1/4
3/8	41,006	3/8	44,227	3/8	47,449	3/8	50,670	3/8	53,092	3/8		3/8		3/8		3/8		3/8
1/2	41,073	1/2	44,295	1/2	47,516	1/2	50,737	1/2	53,107	1/2		1/2		1/2		1/2		1/2
5/8	41,140	5/8	44,362	5/8	47,583	5/8	50,805	5/8	53,121	5/8		5/8		5/8		5/8		5/8
3/4	41,207	3/4	44,429	3/4	47,650	3/4	50,872	3/4	53,136	3/4		3/4		3/4		3/4		3/4
7/8	41,274	7/8	44,496	7/8	47,717	7/8	50,939	7/8	53,151	7/8		7/8		7/8		7/8		7/8
5	41,342	11	44,563	5	47,784	11	51,006	5	53,165	11		5		11		5		11
1/8	41,409	1/8	44,630	1/8	47,852	1/8	51,073	1/8	53,180	1/8		1/8		1/8		1/8		1/8
1/4	41,476	1/4	44,697	1/4	47,919	1/4	51,140	1/4	53,194	1/4		1/4		1/4		1/4		1/4
3/8	41,543	3/8	44,764	3/8	47,986	3/8	51,207	3/8	53,199	3/8		3/8		3/8		3/8		3/8
1/2	41,610	1/2	44,831	1/2	48,053	1/2	51,274	1/2	53,203	1/2		1/2		1/2		1/2		1/2
5/8	41,677	5/8	44,899	5/8	48,120	5/8	51,341	5/8	53,207	5/8		5/8		5/8		5/8		5/8
3/4	41,744	3/4	44,966	3/4	48,187	3/4	51,409	3/4	53,212	3/4		3/4		3/4		3/4		3/4
7/8	41,811	7/8	45,033	7/8	48,254	7/8	51,476	7/8	53,216	7/8		7/8		7/8		7/8		7/8

CAPACITY IN: U.S. GALLONS

GAUGE HEIGHT: 11'-5 1/4" (RIM OF 3" DIAMETER PIPE ON 6" DIAMETER PIPE, LOCATED NEAR AFT BULKHEAD.)

STRAPPED: 1/16/91

[Signature]
CHAS. MARTIN CORPORATION



A COMPANY OF INSPECTORATE

BARGE NUMBER IB9301

PREVIOUSLY BARGE "OCC 301" OF OCCIDENTAL CHEMICAL COMPANY
 BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

TANK NUMBER:

3

SHEET NO. 1 OF 2

0 FEET			1 FEET			2 FEET			3 FEET			4 FEET			5 FEET								
IN.		IN.	IN.		IN.	IN.		IN.	IN.		IN.	IN.		IN.	IN.		IN.						
0		6	3,215	0	6,431	6	9,646	0	12,862	6	16,077	0	19,293	6	22,508	0	25,723	6	28,939	0	32,154	6	35,370
1/8		1/8	3,282	1/8	6,498	1/8	9,713	1/8	12,929	1/8	16,144	1/8	19,360	1/8	22,575	1/8	25,790	1/8	29,006	1/8	32,221	1/8	35,437
1/4	134	1/4	3,349	1/4	6,565	1/4	9,780	1/4	12,996	1/4	16,211	1/4	19,427	1/4	22,642	1/4	25,857	1/4	29,073	1/4	32,288	1/4	35,504
3/8	201	3/8	3,416	3/8	6,632	3/8	9,847	3/8	13,063	3/8	16,278	3/8	19,494	3/8	22,709	3/8	25,924	3/8	29,140	3/8	32,355	3/8	35,571
1/2	268	1/2	3,483	1/2	6,699	1/2	9,914	1/2	13,130	1/2	16,345	1/2	19,560	1/2	22,776	1/2	25,991	1/2	29,207	1/2	32,422	1/2	35,638
5/8	335	5/8	3,550	5/8	6,766	5/8	9,981	5/8	13,197	5/8	16,412	5/8	19,627	5/8	22,843	5/8	26,058	5/8	29,274	5/8	32,489	5/8	35,705
3/4	402	3/4	3,617	3/4	6,833	3/4	10,048	3/4	13,264	3/4	16,479	3/4	19,694	3/4	22,910	3/4	26,125	3/4	29,341	3/4	32,556	3/4	35,772
7/8	469	7/8	3,684	7/8	6,900	7/8	10,115	7/8	13,331	7/8	16,546	7/8	19,761	7/8	22,977	7/8	26,192	7/8	29,408	7/8	32,623	7/8	35,839
1	536	1	3,751	1	6,967	1	10,182	1	13,398	1	16,613	1	19,828	1	23,044	1	26,259	1	29,475	1	32,690	1	35,906
1/8	603	1/8	3,818	1/8	7,034	1/8	10,249	1/8	13,465	1/8	16,680	1/8	19,895	1/8	23,111	1/8	26,326	1/8	29,542	1/8	32,757	1/8	35,973
1/4	670	1/4	3,885	1/4	7,101	1/4	10,316	1/4	13,532	1/4	16,747	1/4	19,962	1/4	23,178	1/4	26,393	1/4	29,609	1/4	32,824	1/4	36,040
3/8	737	3/8	3,952	3/8	7,168	3/8	10,383	3/8	13,599	3/8	16,814	3/8	20,029	3/8	23,245	3/8	26,460	3/8	29,676	3/8	32,891	3/8	36,107
1/2	804	1/2	4,019	1/2	7,235	1/2	10,450	1/2	13,666	1/2	16,881	1/2	20,096	1/2	23,312	1/2	26,527	1/2	29,743	1/2	32,958	1/2	36,174
5/8	871	5/8	4,086	5/8	7,302	5/8	10,517	5/8	13,733	5/8	16,948	5/8	20,163	5/8	23,379	5/8	26,594	5/8	29,810	5/8	33,025	5/8	36,241
3/4	938	3/4	4,153	3/4	7,369	3/4	10,584	3/4	13,800	3/4	17,015	3/4	20,230	3/4	23,446	3/4	26,661	3/4	29,877	3/4	33,092	3/4	36,307
7/8	1,005	7/8	4,220	7/8	7,436	7/8	10,651	7/8	13,867	7/8	17,082	7/8	20,297	7/8	23,513	7/8	26,728	7/8	29,944	7/8	33,159	7/8	36,374
2	1,072	2	4,287	2	7,503	2	10,718	2	13,934	2	17,149	2	20,364	2	23,580	2	26,795	2	30,011	2	33,226	2	36,441
1/8	1,139	1/8	4,354	1/8	7,570	1/8	10,785	1/8	14,000	1/8	17,216	1/8	20,431	1/8	23,647	1/8	26,862	1/8	30,078	1/8	33,293	1/8	36,508
1/4	1,206	1/4	4,421	1/4	7,637	1/4	10,852	1/4	14,067	1/4	17,283	1/4	20,498	1/4	23,714	1/4	26,929	1/4	30,145	1/4	33,360	1/4	36,575
3/8	1,273	3/8	4,488	3/8	7,704	3/8	10,919	3/8	14,134	3/8	17,350	3/8	20,565	3/8	23,781	3/8	26,996	3/8	30,212	3/8	33,427	3/8	36,642
1/2	1,340	1/2	4,555	1/2	7,771	1/2	10,986	1/2	14,201	1/2	17,417	1/2	20,632	1/2	23,848	1/2	27,063	1/2	30,279	1/2	33,494	1/2	36,709
5/8	1,407	5/8	4,622	5/8	7,838	5/8	11,053	5/8	14,268	5/8	17,484	5/8	20,699	5/8	23,915	5/8	27,130	5/8	30,346	5/8	33,561	5/8	36,776
3/4	1,474	3/4	4,689	3/4	7,905	3/4	11,120	3/4	14,335	3/4	17,551	3/4	20,766	3/4	23,982	3/4	27,197	3/4	30,413	3/4	33,628	3/4	36,843
7/8	1,541	7/8	4,756	7/8	7,972	7/8	11,187	7/8	14,402	7/8	17,618	7/8	20,833	7/8	24,049	7/8	27,264	7/8	30,480	7/8	33,695	7/8	36,910
3	1,608	3	4,823	3	8,039	3	11,254	3	14,469	3	17,685	3	20,900	3	24,116	3	27,331	3	30,547	3	33,762	3	36,977
1/8	1,675	1/8	4,890	1/8	8,106	1/8	11,321	1/8	14,536	1/8	17,752	1/8	20,967	1/8	24,183	1/8	27,398	1/8	30,614	1/8	33,829	1/8	37,044
1/4	1,742	1/4	4,957	1/4	8,173	1/4	11,388	1/4	14,603	1/4	17,819	1/4	21,034	1/4	24,250	1/4	27,465	1/4	30,681	1/4	33,896	1/4	37,111
3/8	1,809	3/8	5,024	3/8	8,240	3/8	11,455	3/8	14,670	3/8	17,886	3/8	21,101	3/8	24,317	3/8	27,532	3/8	30,747	3/8	33,963	3/8	37,178
1/2	1,876	1/2	5,091	1/2	8,307	1/2	11,522	1/2	14,737	1/2	17,953	1/2	21,168	1/2	24,384	1/2	27,599	1/2	30,814	1/2	34,030	1/2	37,245
5/8	1,943	5/8	5,158	5/8	8,374	5/8	11,589	5/8	14,804	5/8	18,020	5/8	21,235	5/8	24,451	5/8	27,666	5/8	30,881	5/8	34,097	5/8	37,312
3/4	2,010	3/4	5,225	3/4	8,440	3/4	11,656	3/4	14,871	3/4	18,087	3/4	21,302	3/4	24,518	3/4	27,733	3/4	30,948	3/4	34,164	3/4	37,379
7/8	2,077	7/8	5,292	7/8	8,507	7/8	11,723	7/8	14,938	7/8	18,154	7/8	21,369	7/8	24,585	7/8	27,800	7/8	31,015	7/8	34,231	7/8	37,446
4	2,144	4	5,359	4	8,574	4	11,790	4	15,005	4	18,221	4	21,436	4	24,652	4	27,867	4	31,082	4	34,298	4	37,513
1/8	2,211	1/8	5,426	1/8	8,641	1/8	11,857	1/8	15,072	1/8	18,288	1/8	21,503	1/8	24,719	1/8	27,934	1/8	31,149	1/8	34,365	1/8	37,580
1/4	2,278	1/4	5,493	1/4	8,708	1/4	11,924	1/4	15,139	1/4	18,355	1/4	21,570	1/4	24,786	1/4	28,001	1/4	31,216	1/4	34,432	1/4	37,647
3/8	2,345	3/8	5,560	3/8	8,775	3/8	11,991	3/8	15,206	3/8	18,422	3/8	21,637	3/8	24,853	3/8	28,068	3/8	31,283	3/8	34,499	3/8	37,714
1/2	2,412	1/2	5,627	1/2	8,842	1/2	12,058	1/2	15,273	1/2	18,489	1/2	21,704	1/2	24,920	1/2	28,135	1/2	31,350	1/2	34,566	1/2	37,781
5/8	2,479	5/8	5,694	5/8	8,909	5/8	12,125	5/8	15,340	5/8	18,556	5/8	21,771	5/8	24,987	5/8	28,202	5/8	31,417	5/8	34,633	5/8	37,848
3/4	2,546	3/4	5,761	3/4	8,976	3/4	12,192	3/4	15,407	3/4	18,623	3/4	21,838	3/4	25,054	3/4	28,269	3/4	31,484	3/4	34,700	3/4	37,915
7/8	2,613	7/8	5,828	7/8	9,043	7/8	12,259	7/8	15,474	7/8	18,690	7/8	21,905	7/8	25,121	7/8	28,336	7/8	31,551	7/8	34,767	7/8	37,982
5	2,680	5	5,895	5	9,110	5	12,326	5	15,541	5	18,757	5	21,972	5	25,187	5	28,403	5	31,618	5	34,834	5	38,049
1/8	2,747	1/8	5,962	1/8	9,177	1/8	12,393	1/8	15,608	1/8	18,824	1/8	22,039	1/8	25,254	1/8	28,470	1/8	31,685	1/8	34,901	1/8	38,116
1/4	2,813	1/4	6,029	1/4	9,244	1/4	12,460	1/4	15,675	1/4	18,891	1/4	22,106	1/4	25,321	1/4	28,537	1/4	31,752	1/4	34,968	1/4	38,183
3/8	2,880	3/8	6,096	3/8	9,311	3/8	12,527	3/8	15,742	3/8	18,958	3/8	22,173	3/8	25,388	3/8	28,604	3/8	31,819	3/8	35,035	3/8	38,250
1/2	2,947	1/2	6,163	1/2	9,378	1/2	12,594	1/2	15,809	1/2	19,025	1/2	22,240	1/2	25,455	1/2	28,671	1/2	31,886	1/2	35,102	1/2	38,317
5/8	3,014	5/8	6,230	5/8	9,445	5/8	12,661	5/8	15,876	5/8	19,092	5/8	22,307	5/8	25,522	5/8	28,738	5/8	31,953	5/8	35,169	5/8	38,384
3/4	3,081	3/4	6,297	3/4	9,512	3/4	12,728	3/4	15,943	3/4	19,159	3/4	22,374	3/4	25,589	3/4	28,805	3/4	32,020	3/4	35,236	3/4	38,451
7/8	3,148	7/8	6,364	7/8	9,579	7/8	12,795	7/8	16,010	7/8	19,226	7/8	22,441	7/8	25,656	7/8	28,872	7/8	32,087	7/8	35,303	7/8	38,518

CAPACITY IN: U.S. GALLONS

STRAPPED: 1/16/91

GAUGE HEIGHT: 11'-5 1/4" (RIM OF 3" DIAMETER PIPE ON 6" DIAMETER PIPE, LOCATED NEAR AFT BULKHEAD.)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

Chas. Martin
 CHAS. MARTIN CORPORATION

Chas. MARTIN

A COMPANY OF INSPECTORATE

BARGE NUMBER IB9301

PREVIOUSLY BARGE "OCC 301" OF OCCIDENTAL CHEMICAL COMPANY
BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

TANK NUMBER:

3

SHEET NO. 2 OF 2

6 FEET			7 FEET			8 FEET			FEET			FEET			FEET		
IN.		IN.	IN.		IN.	IN.		IN.	IN.		IN.	IN.	IN.		IN.	IN.	
0	38,585	6	41,801	0	45,016	6	48,231	0	51,447	6	53,122	0		6		6	
1/8	38,652	1/8	41,868	1/8	45,083	1/8	48,298	1/8	51,514	1/8		1/8		1/8		1/8	
1/4	38,719	1/4	41,934	1/4	45,150	1/4	48,365	1/4	51,581	1/4		1/4		1/4		1/4	
3/8	38,786	3/8	42,001	3/8	45,217	3/8	48,432	3/8	51,642	3/8		3/8		3/8		3/8	
1/2	38,853	1/2	42,068	1/2	45,284	1/2	48,499	1/2	51,703	1/2		1/2		1/2		1/2	
5/8	38,920	5/8	42,135	5/8	45,351	5/8	48,566	5/8	51,764	5/8		5/8		5/8		5/8	
3/4	38,987	3/4	42,202	3/4	45,418	3/4	48,633	3/4	51,825	3/4		3/4		3/4		3/4	
7/8	39,054	7/8	42,269	7/8	45,485	7/8	48,700	7/8	51,887	7/8		7/8		7/8		7/8	
1	39,121	7	42,336	1	45,552	7	48,767	1	51,948	7		1		7		7	
1/8	39,188	1/8	42,403	1/8	45,619	1/8	48,834	1/8	52,009	1/8		1/8		1/8		1/8	
1/4	39,255	1/4	42,470	1/4	45,686	1/4	48,901	1/4	52,070	1/4		1/4		1/4		1/4	
3/8	39,322	3/8	42,537	3/8	45,753	3/8	48,968	3/8	52,120	3/8		3/8		3/8		3/8	
1/2	39,389	1/2	42,604	1/2	45,820	1/2	49,035	1/2	52,169	1/2		1/2		1/2		1/2	
5/8	39,456	5/8	42,671	5/8	45,887	5/8	49,102	5/8	52,219	5/8		5/8		5/8		5/8	
3/4	39,523	3/4	42,738	3/4	45,954	3/4	49,169	3/4	52,268	3/4		3/4		3/4		3/4	
7/8	39,590	7/8	42,805	7/8	46,021	7/8	49,236	7/8	52,318	7/8		7/8		7/8		7/8	
2	39,657	8	42,872	2	46,088	8	49,303	2	52,367	8		2		8		8	
1/8	39,724	1/8	42,939	1/8	46,155	1/8	49,370	1/8	52,417	1/8		1/8		1/8		1/8	
1/4	39,791	1/4	43,006	1/4	46,222	1/4	49,437	1/4	52,466	1/4		1/4		1/4		1/4	
3/8	39,858	3/8	43,073	3/8	46,289	3/8	49,504	3/8	52,504	3/8		3/8		3/8		3/8	
1/2	39,925	1/2	43,140	1/2	46,356	1/2	49,571	1/2	52,542	1/2		1/2		1/2		1/2	
5/8	39,992	5/8	43,207	5/8	46,423	5/8	49,638	5/8	52,580	5/8		5/8		5/8		5/8	
3/4	40,059	3/4	43,274	3/4	46,490	3/4	49,705	3/4	52,618	3/4		3/4		3/4		3/4	
7/8	40,126	7/8	43,341	7/8	46,557	7/8	49,772	7/8	52,655	7/8		7/8		7/8		7/8	
3	40,193	9	43,408	3	46,624	9	49,839	3	52,693	9		3		9		9	
1/8	40,260	1/8	43,475	1/8	46,691	1/8	49,906	1/8	52,731	1/8		1/8		1/8		1/8	
1/4	40,327	1/4	43,542	1/4	46,758	1/4	49,973	1/4	52,769	1/4		1/4		1/4		1/4	
3/8	40,394	3/8	43,609	3/8	46,825	3/8	50,040	3/8	52,795	3/8		3/8		3/8		3/8	
1/2	40,461	1/2	43,676	1/2	46,892	1/2	50,107	1/2	52,822	1/2		1/2		1/2		1/2	
5/8	40,528	5/8	43,743	5/8	46,959	5/8	50,174	5/8	52,848	5/8		5/8		5/8		5/8	
3/4	40,595	3/4	43,810	3/4	47,026	3/4	50,241	3/4	52,874	3/4		3/4		3/4		3/4	
7/8	40,662	7/8	43,877	7/8	47,093	7/8	50,308	7/8	52,900	7/8		7/8		7/8		7/8	
4	40,729	10	43,944	4	47,160	10	50,375	4	52,926	10		4		10		10	
1/8	40,796	1/8	44,011	1/8	47,227	1/8	50,442	1/8	52,953	1/8		1/8		1/8		1/8	
1/4	40,863	1/4	44,078	1/4	47,294	1/4	50,509	1/4	52,979	1/4		1/4		1/4		1/4	
3/8	40,930	3/8	44,145	3/8	47,361	3/8	50,576	3/8	52,993	3/8		3/8		3/8		3/8	
1/2	40,997	1/2	44,212	1/2	47,428	1/2	50,643	1/2	53,008	1/2		1/2		1/2		1/2	
5/8	41,064	5/8	44,279	5/8	47,494	5/8	50,710	5/8	53,022	5/8		5/8		5/8		5/8	
3/4	41,131	3/4	44,346	3/4	47,561	3/4	50,777	3/4	53,037	3/4		3/4		3/4		3/4	
7/8	41,198	7/8	44,413	7/8	47,628	7/8	50,844	7/8	53,052	7/8		7/8		7/8		7/8	
5	41,265	11	44,480	5	47,695	11	50,911	5	53,066	11		5		11		11	
1/8	41,332	1/8	44,547	1/8	47,762	1/8	50,978	1/8	53,081	1/8		1/8		1/8		1/8	
1/4	41,399	1/4	44,614	1/4	47,829	1/4	51,045	1/4	53,095	1/4		1/4		1/4		1/4	
3/8	41,466	3/8	44,681	3/8	47,896	3/8	51,112	3/8	53,100	3/8		3/8		3/8		3/8	
1/2	41,533	1/2	44,748	1/2	47,963	1/2	51,179	1/2	53,104	1/2		1/2		1/2		1/2	
5/8	41,600	5/8	44,815	5/8	48,030	5/8	51,246	5/8	53,108	5/8		5/8		5/8		5/8	
3/4	41,667	3/4	44,882	3/4	48,097	3/4	51,313	3/4	53,113	3/4		3/4		3/4		3/4	
7/8	41,734	7/8	44,949	7/8	48,164	7/8	51,380	7/8	53,117	7/8		7/8		7/8		7/8	

CAPACITY IN: U.S. GALLONS

GAUGE HEIGHT: 11'-5 1/4" (RIM OF 3" DIAMETER PIPE ON 6" DIAMETER PIPE, LOCATED NEAR AFT BULKHEAD.)

STRAPPED: 1/16/91

Chas. Martin
CHAS. MARTIN CORPORATION

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A COMPANY OF INSPECTORATE

BARGE NUMBER IB9301

PREVIOUSLY BARGE "OCC 301" OF OCCIDENTAL CHEMICAL COMPANY

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

TANK NUMBER:

4

SHEET NO. 1 OF 2

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET												
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.											
0	6	3,231	0	6,462	6	9,693	0	12,924	6	16,155	0	19,386	6	22,617	0	25,848	6	29,079	0	32,310	6	35,541
1/8	67	3,298	1/8	6,529	1/8	9,760	1/8	12,991	1/8	16,222	1/8	19,453	1/8	22,684	1/8	25,915	1/8	29,146	1/8	32,377	1/8	35,608
1/4	135	3,366	1/4	6,597	1/4	9,828	1/4	13,059	1/4	16,290	1/4	19,520	1/4	22,751	1/4	25,982	1/4	29,213	1/4	32,444	1/4	35,675
3/8	202	3,433	3/8	6,664	3/8	9,895	3/8	13,126	3/8	16,357	3/8	19,588	3/8	22,819	3/8	26,050	3/8	29,281	3/8	32,512	3/8	35,743
1/2	269	3,500	1/2	6,731	1/2	9,962	1/2	13,193	1/2	16,424	1/2	19,655	1/2	22,886	1/2	26,117	1/2	29,348	1/2	32,579	1/2	35,810
5/8	337	3,568	5/8	6,799	5/8	10,029	5/8	13,260	5/8	16,491	5/8	19,722	5/8	22,953	5/8	26,184	5/8	29,415	5/8	32,646	5/8	35,877
3/4	404	3,635	3/4	6,866	3/4	10,097	3/4	13,328	3/4	16,559	3/4	19,790	3/4	23,021	3/4	26,252	3/4	29,483	3/4	32,714	3/4	35,945
7/8	471	3,702	7/8	6,933	7/8	10,164	7/8	13,395	7/8	16,626	7/8	19,857	7/8	23,088	7/8	26,319	7/8	29,550	7/8	32,781	7/8	36,012
1	538	3,769	1	7,000	1	10,231	1	13,462	1	16,693	1	19,924	1	23,155	1	26,386	1	29,617	1	32,848	1	36,079
1/8	606	3,837	1/8	7,068	1/8	10,299	1/8	13,530	1/8	16,761	1/8	19,992	1/8	23,223	1/8	26,454	1/8	29,685	1/8	32,916	1/8	36,147
1/4	673	3,904	1/4	7,135	1/4	10,366	1/4	13,597	1/4	16,828	1/4	20,059	1/4	23,290	1/4	26,521	1/4	29,752	1/4	32,983	1/4	36,214
3/8	740	3,971	3/8	7,202	3/8	10,433	3/8	13,664	3/8	16,895	3/8	20,126	3/8	23,357	3/8	26,588	3/8	29,819	3/8	33,050	3/8	36,281
1/2	808	4,039	1/2	7,270	1/2	10,501	1/2	13,732	1/2	16,963	1/2	20,194	1/2	23,425	1/2	26,656	1/2	29,887	1/2	33,118	1/2	36,348
5/8	875	4,106	5/8	7,337	5/8	10,568	5/8	13,799	5/8	17,030	5/8	20,261	5/8	23,492	5/8	26,723	5/8	29,954	5/8	33,185	5/8	36,416
3/4	942	4,173	3/4	7,404	3/4	10,635	3/4	13,866	3/4	17,097	3/4	20,328	3/4	23,559	3/4	26,790	3/4	30,021	3/4	33,252	3/4	36,483
7/8	1,010	4,241	7/8	7,472	7/8	10,703	7/8	13,934	7/8	17,165	7/8	20,396	7/8	23,627	7/8	26,857	7/8	30,088	7/8	33,319	7/8	36,550
2	1,077	4,308	2	7,539	2	10,770	2	14,001	2	17,232	2	20,463	2	23,694	2	26,925	2	30,156	2	33,387	2	36,618
1/8	1,144	4,375	1/8	7,606	1/8	10,837	1/8	14,068	1/8	17,299	1/8	20,530	1/8	23,761	1/8	26,992	1/8	30,223	1/8	33,454	1/8	36,685
1/4	1,212	4,443	1/4	7,674	1/4	10,905	1/4	14,136	1/4	17,366	1/4	20,597	1/4	23,828	1/4	27,059	1/4	30,290	1/4	33,521	1/4	36,752
3/8	1,279	4,510	3/8	7,741	3/8	10,972	3/8	14,203	3/8	17,434	3/8	20,665	3/8	23,896	3/8	27,127	3/8	30,358	3/8	33,589	3/8	36,820
1/2	1,346	4,577	1/2	7,808	1/2	11,039	1/2	14,270	1/2	17,501	1/2	20,732	1/2	23,963	1/2	27,194	1/2	30,425	1/2	33,656	1/2	36,887
5/8	1,414	4,645	5/8	7,876	5/8	11,106	5/8	14,337	5/8	17,568	5/8	20,799	5/8	24,030	5/8	27,261	5/8	30,492	5/8	33,723	5/8	36,954
3/4	1,481	4,712	3/4	7,943	3/4	11,174	3/4	14,405	3/4	17,636	3/4	20,867	3/4	24,098	3/4	27,329	3/4	30,560	3/4	33,791	3/4	37,022
7/8	1,548	4,779	7/8	8,010	7/8	11,241	7/8	14,472	7/8	17,703	7/8	20,934	7/8	24,165	7/8	27,396	7/8	30,627	7/8	33,858	7/8	37,089
3	1,615	4,846	3	8,077	3	11,308	3	14,539	3	17,770	3	21,001	3	24,232	3	27,463	3	30,694	3	33,925	3	37,156
1/8	1,683	4,914	1/8	8,145	1/8	11,376	1/8	14,607	1/8	17,838	1/8	21,069	1/8	24,300	1/8	27,531	1/8	30,762	1/8	33,993	1/8	37,224
1/4	1,750	4,981	1/4	8,212	1/4	11,443	1/4	14,674	1/4	17,905	1/4	21,136	1/4	24,367	1/4	27,598	1/4	30,829	1/4	34,060	1/4	37,291
3/8	1,817	5,048	3/8	8,279	3/8	11,510	3/8	14,741	3/8	17,972	3/8	21,203	3/8	24,434	3/8	27,665	3/8	30,896	3/8	34,127	3/8	37,358
1/2	1,885	5,116	1/2	8,347	1/2	11,578	1/2	14,809	1/2	18,040	1/2	21,271	1/2	24,502	1/2	27,733	1/2	30,964	1/2	34,194	1/2	37,425
5/8	1,952	5,183	5/8	8,414	5/8	11,645	5/8	14,876	5/8	18,107	5/8	21,338	5/8	24,569	5/8	27,800	5/8	31,031	5/8	34,262	5/8	37,493
3/4	2,019	5,250	3/4	8,481	3/4	11,712	3/4	14,943	3/4	18,174	3/4	21,405	3/4	24,636	3/4	27,867	3/4	31,098	3/4	34,329	3/4	37,560
7/8	2,087	5,318	7/8	8,549	7/8	11,780	7/8	15,011	7/8	18,242	7/8	21,473	7/8	24,704	7/8	27,934	7/8	31,165	7/8	34,396	7/8	37,627
4	2,154	5,385	4	8,616	4	11,847	4	15,078	4	18,309	4	21,540	4	24,771	4	28,002	4	31,233	4	34,464	4	37,695
1/8	2,221	5,452	1/8	8,683	1/8	11,914	1/8	15,145	1/8	18,376	1/8	21,607	1/8	24,838	1/8	28,069	1/8	31,300	1/8	34,531	1/8	37,762
1/4	2,289	5,520	1/4	8,751	1/4	11,982	1/4	15,213	1/4	18,443	1/4	21,674	1/4	24,905	1/4	28,136	1/4	31,367	1/4	34,598	1/4	37,829
3/8	2,356	5,587	3/8	8,818	3/8	12,049	3/8	15,280	3/8	18,511	3/8	21,742	3/8	24,973	3/8	28,204	3/8	31,435	3/8	34,666	3/8	37,897
1/2	2,423	5,654	1/2	8,885	1/2	12,116	1/2	15,347	1/2	18,578	1/2	21,809	1/2	25,040	1/2	28,271	1/2	31,502	1/2	34,733	1/2	37,964
5/8	2,491	5,722	5/8	8,952	5/8	12,183	5/8	15,414	5/8	18,645	5/8	21,876	5/8	25,107	5/8	28,338	5/8	31,569	5/8	34,800	5/8	38,031
3/4	2,558	5,789	3/4	9,020	3/4	12,251	3/4	15,482	3/4	18,713	3/4	21,944	3/4	25,175	3/4	28,406	3/4	31,637	3/4	34,868	3/4	38,099
7/8	2,625	5,856	7/8	9,087	7/8	12,318	7/8	15,549	7/8	18,780	7/8	22,011	7/8	25,242	7/8	28,473	7/8	31,704	7/8	34,935	7/8	38,166
5	2,692	5,923	5	9,154	5	12,385	5	15,616	5	18,847	5	22,078	5	25,309	5	28,540	5	31,771	5	35,002	5	38,233
1/8	2,760	5,991	1/8	9,222	1/8	12,453	1/8	15,684	1/8	18,915	1/8	22,146	1/8	25,377	1/8	28,608	1/8	31,839	1/8	35,070	1/8	38,301
1/4	2,827	6,058	1/4	9,289	1/4	12,520	1/4	15,751	1/4	18,982	1/4	22,213	1/4	25,444	1/4	28,675	1/4	31,906	1/4	35,137	1/4	38,368
3/8	2,894	6,125	3/8	9,356	3/8	12,587	3/8	15,818	3/8	19,049	3/8	22,280	3/8	25,511	3/8	28,742	3/8	31,973	3/8	35,204	3/8	38,435
1/2	2,962	6,193	1/2	9,424	1/2	12,655	1/2	15,886	1/2	19,117	1/2	22,348	1/2	25,579	1/2	28,810	1/2	32,041	1/2	35,271	1/2	38,502
5/8	3,029	6,260	5/8	9,491	5/8	12,722	5/8	15,953	5/8	19,184	5/8	22,415	5/8	25,646	5/8	28,877	5/8	32,108	5/8	35,339	5/8	38,570
3/4	3,096	6,327	3/4	9,558	3/4	12,789	3/4	16,020	3/4	19,251	3/4	22,482	3/4	25,713	3/4	28,944	3/4	32,175	3/4	35,406	3/4	38,637
7/8	3,164	6,395	7/8	9,626	7/8	12,857	7/8	16,088	7/8	19,319	7/8	22,550	7/8	25,780	7/8	29,011	7/8	32,242	7/8	35,473	7/8	38,704

CAPACITY IN: U.S. GALLONS

Chas. MARTIN

A COMPANY OF  INSPECTORATE

BARGE NUMBER IB9301

PREVIOUSLY BARGE "OCC 301" OF OCCIDENTAL CHEMICAL COMPANY
BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

TANK NUMBER:

4

SHEET NO. 2 OF 2

6 FEET		7 FEET		8 FEET		FEET		FEET		FEET					
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.				
0	38,772	6	42,003	0	45,234	6	48,465	0	51,696	6	53,378	0		6	
1/8	38,839	1/8	42,070	1/8	45,301	1/8	48,532	1/8	51,763	1/8		1/8		1/8	
1/4	38,906	1/4	42,137	1/4	45,368	1/4	48,599	1/4	51,830	1/4		1/4		1/4	
3/8	38,974	3/8	42,205	3/8	45,436	3/8	48,667	3/8	51,892	3/8		3/8		3/8	
1/2	39,041	1/2	42,272	1/2	45,503	1/2	48,734	1/2	51,953	1/2		1/2		1/2	
5/8	39,108	5/8	42,339	5/8	45,570	5/8	48,801	5/8	52,015	5/8		5/8		5/8	
3/4	39,176	3/4	42,407	3/4	45,638	3/4	48,869	3/4	52,076	3/4		3/4		3/4	
7/8	39,243	7/8	42,474	7/8	45,705	7/8	48,936	7/8	52,138	7/8		7/8		7/8	
1	39,310	7	42,541	1	45,772	7	49,003	1	52,199	7		1		7	
1/8	39,378	1/8	42,608	1/8	45,839	1/8	49,070	1/8	52,260	1/8		1/8		1/8	
1/4	39,445	1/4	42,676	1/4	45,907	1/4	49,138	1/4	52,322	1/4		1/4		1/4	
3/8	39,512	3/8	42,743	3/8	45,974	3/8	49,205	3/8	52,372	3/8		3/8		3/8	
1/2	39,579	1/2	42,810	1/2	46,041	1/2	49,272	1/2	52,421	1/2		1/2		1/2	
5/8	39,647	5/8	42,878	5/8	46,109	5/8	49,340	5/8	52,471	5/8		5/8		5/8	
3/4	39,714	3/4	42,945	3/4	46,176	3/4	49,407	3/4	52,521	3/4		3/4		3/4	
7/8	39,781	7/8	43,012	7/8	46,243	7/8	49,474	7/8	52,571	7/8		7/8		7/8	
2	39,849	8	43,080	2	46,311	8	49,542	2	52,620	8		2		8	
1/8	39,916	1/8	43,147	1/8	46,378	1/8	49,609	1/8	52,670	1/8		1/8		1/8	
1/4	39,983	1/4	43,214	1/4	46,445	1/4	49,676	1/4	52,720	1/4		1/4		1/4	
3/8	40,051	3/8	43,282	3/8	46,513	3/8	49,744	3/8	52,758	3/8		3/8		3/8	
1/2	40,118	1/2	43,349	1/2	46,580	1/2	49,811	1/2	52,796	1/2		1/2		1/2	
5/8	40,185	5/8	43,416	5/8	46,647	5/8	49,878	5/8	52,834	5/8		5/8		5/8	
3/4	40,253	3/4	43,484	3/4	46,715	3/4	49,946	3/4	52,872	3/4		3/4		3/4	
7/8	40,320	7/8	43,551	7/8	46,782	7/8	50,013	7/8	52,910	7/8		7/8		7/8	
3	40,387	9	43,618	3	46,849	9	50,080	3	52,948	9		3		9	
1/8	40,455	1/8	43,685	1/8	46,916	1/8	50,147	1/8	52,986	1/8		1/8		1/8	
1/4	40,522	1/4	43,753	1/4	46,984	1/4	50,215	1/4	53,024	1/4		1/4		1/4	
3/8	40,589	3/8	43,820	3/8	47,051	3/8	50,282	3/8	53,051	3/8		3/8		3/8	
1/2	40,656	1/2	43,887	1/2	47,118	1/2	50,349	1/2	53,077	1/2		1/2		1/2	
5/8	40,724	5/8	43,955	5/8	47,186	5/8	50,417	5/8	53,103	5/8		5/8		5/8	
3/4	40,791	3/4	44,022	3/4	47,253	3/4	50,484	3/4	53,130	3/4		3/4		3/4	
7/8	40,858	7/8	44,089	7/8	47,320	7/8	50,551	7/8	53,156	7/8		7/8		7/8	
4	40,926	10	44,157	4	47,388	10	50,619	4	53,182	10		4		10	
1/8	40,993	1/8	44,224	1/8	47,455	1/8	50,686	1/8	53,209	1/8		1/8		1/8	
1/4	41,060	1/4	44,291	1/4	47,522	1/4	50,753	1/4	53,235	1/4		1/4		1/4	
3/8	41,128	3/8	44,359	3/8	47,590	3/8	50,821	3/8	53,250	3/8		3/8		3/8	
1/2	41,195	1/2	44,426	1/2	47,657	1/2	50,888	1/2	53,264	1/2		1/2		1/2	
5/8	41,262	5/8	44,493	5/8	47,724	5/8	50,955	5/8	53,279	5/8		5/8		5/8	
3/4	41,330	3/4	44,561	3/4	47,792	3/4	51,022	3/4	53,294	3/4		3/4		3/4	
7/8	41,397	7/8	44,628	7/8	47,859	7/8	51,090	7/8	53,308	7/8		7/8		7/8	
5	41,464	11	44,695	5	47,926	11	51,157	5	53,323	11		5		11	
1/8	41,532	1/8	44,762	1/8	47,993	1/8	51,224	1/8	53,337	1/8		1/8		1/8	
1/4	41,599	1/4	44,830	1/4	48,061	1/4	51,292	1/4	53,352	1/4		1/4		1/4	
3/8	41,666	3/8	44,897	3/8	48,128	3/8	51,359	3/8	53,356	3/8		3/8		3/8	
1/2	41,733	1/2	44,964	1/2	48,195	1/2	51,426	1/2	53,361	1/2		1/2		1/2	
5/8	41,801	5/8	45,032	5/8	48,263	5/8	51,494	5/8	53,365	5/8		5/8		5/8	
3/4	41,868	3/4	45,099	3/4	48,330	3/4	51,561	3/4	53,370	3/4		3/4		3/4	
7/8	41,935	7/8	45,166	7/8	48,397	7/8	51,628	7/8	53,374	7/8		7/8		7/8	

CAPACITY IN: U.S. GALLONS

GAUGE HEIGHT: 11'-5 1/4" (RIM OF 3" DIAMETER PIPE ON 6" DIAMETER PIPE, LOCATED NEAR AFT BULKHEAD.)

STRAPPED: 1/16/91

Hauer
CHAS. MARTIN CORPORATION



A COMPANY OF INSPECTORATE

BARGE NUMBER IB9301

PREVIOUSLY BARGE "OCC 301" OF OCCIDENTAL CHEMICAL COMPANY
 BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

TANK NUMBER:

5

SHEET NO. 1 OF 2

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET												
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.											
0	6	2,109	0	4,219	6	6,328	0	8,438	6	10,547	0	12,656	6	14,766	0	16,875	6	18,985	0	21,094	6	23,203
1/8	44	2,153	1/8	4,263	1/8	6,372	1/8	8,482	1/8	10,591	1/8	12,700	1/8	14,810	1/8	16,919	1/8	19,029	1/8	21,138	1/8	23,247
1/4	88	2,197	1/4	4,307	1/4	6,416	1/4	8,526	1/4	10,635	1/4	12,744	1/4	14,854	1/4	16,963	1/4	19,073	1/4	21,182	1/4	23,291
3/8	132	2,241	3/8	4,351	3/8	6,460	3/8	8,569	3/8	10,679	3/8	12,788	3/8	14,898	3/8	17,007	3/8	19,117	3/8	21,226	3/8	23,335
1/2	176	2,285	1/2	4,395	1/2	6,504	1/2	8,613	1/2	10,723	1/2	12,832	1/2	14,942	1/2	17,051	1/2	19,160	1/2	21,270	1/2	23,379
5/8	220	2,329	5/8	4,439	5/8	6,548	5/8	8,657	5/8	10,767	5/8	12,876	5/8	14,986	5/8	17,095	5/8	19,204	5/8	21,314	5/8	23,423
3/4	264	2,373	3/4	4,482	3/4	6,592	3/4	8,701	3/4	10,811	3/4	12,920	3/4	15,030	3/4	17,139	3/4	19,248	3/4	21,358	3/4	23,467
7/8	308	2,417	7/8	4,526	7/8	6,636	7/8	8,745	7/8	10,855	7/8	12,964	7/8	15,073	7/8	17,183	7/8	19,292	7/8	21,402	7/8	23,511
1	352	2,461	1	4,570	1	6,680	1	8,789	1	10,899	1	13,008	1	15,117	1	17,227	1	19,336	1	21,446	1	23,555
1/8	396	2,505	1/8	4,614	1/8	6,724	1/8	8,833	1/8	10,943	1/8	13,052	1/8	15,161	1/8	17,271	1/8	19,380	1/8	21,490	1/8	23,599
1/4	439	2,549	1/4	4,658	1/4	6,768	1/4	8,877	1/4	10,987	1/4	13,096	1/4	15,205	1/4	17,315	1/4	19,424	1/4	21,534	1/4	23,643
3/8	483	2,593	3/8	4,702	3/8	6,812	3/8	8,921	3/8	11,030	3/8	13,140	3/8	15,249	3/8	17,359	3/8	19,468	3/8	21,577	3/8	23,687
1/2	527	2,637	1/2	4,746	1/2	6,856	1/2	8,965	1/2	11,074	1/2	13,184	1/2	15,293	1/2	17,403	1/2	19,512	1/2	21,621	1/2	23,731
5/8	571	2,681	5/8	4,790	5/8	6,900	5/8	9,009	5/8	11,118	5/8	13,228	5/8	15,337	5/8	17,447	5/8	19,556	5/8	21,665	5/8	23,775
3/4	615	2,725	3/4	4,834	3/4	6,943	3/4	9,053	3/4	11,162	3/4	13,272	3/4	15,381	3/4	17,491	3/4	19,600	3/4	21,709	3/4	23,819
7/8	659	2,769	7/8	4,878	7/8	6,987	7/8	9,097	7/8	11,206	7/8	13,316	7/8	15,425	7/8	17,534	7/8	19,644	7/8	21,753	7/8	23,863
2	703	2,813	2	4,922	2	7,031	2	9,141	2	11,250	2	13,360	2	15,469	2	17,578	2	19,688	2	21,797	2	23,907
1/8	747	2,856	1/8	4,966	1/8	7,075	1/8	9,185	1/8	11,294	1/8	13,404	1/8	15,513	1/8	17,622	1/8	19,732	1/8	21,841	1/8	23,951
1/4	791	2,900	1/4	5,010	1/4	7,119	1/4	9,229	1/4	11,338	1/4	13,447	1/4	15,557	1/4	17,666	1/4	19,776	1/4	21,885	1/4	23,995
3/8	835	2,944	3/8	5,054	3/8	7,163	3/8	9,273	3/8	11,382	3/8	13,491	3/8	15,601	3/8	17,710	3/8	19,820	3/8	21,929	3/8	24,038
1/2	879	2,988	1/2	5,098	1/2	7,207	1/2	9,317	1/2	11,426	1/2	13,535	1/2	15,645	1/2	17,754	1/2	19,864	1/2	21,973	1/2	24,082
5/8	923	3,032	5/8	5,142	5/8	7,251	5/8	9,360	5/8	11,470	5/8	13,579	5/8	15,689	5/8	17,798	5/8	19,908	5/8	22,017	5/8	24,126
3/4	967	3,076	3/4	5,186	3/4	7,295	3/4	9,404	3/4	11,514	3/4	13,623	3/4	15,733	3/4	17,842	3/4	19,951	3/4	22,061	3/4	24,170
7/8	1,011	3,120	7/8	5,230	7/8	7,339	7/8	9,448	7/8	11,558	7/8	13,667	7/8	15,777	7/8	17,886	7/8	19,995	7/8	22,105	7/8	24,214
3	1,055	3,164	3	5,274	3	7,383	3	9,492	3	11,602	3	13,711	3	15,821	3	17,930	3	20,039	3	22,149	3	24,258
1/8	1,099	3,208	1/8	5,317	1/8	7,427	1/8	9,536	1/8	11,646	1/8	13,755	1/8	15,865	1/8	17,974	1/8	20,083	1/8	22,193	1/8	24,302
1/4	1,143	3,252	1/4	5,361	1/4	7,471	1/4	9,580	1/4	11,690	1/4	13,799	1/4	15,908	1/4	18,018	1/4	20,127	1/4	22,237	1/4	24,346
3/8	1,187	3,296	3/8	5,405	3/8	7,515	3/8	9,624	3/8	11,734	3/8	13,843	3/8	15,952	3/8	18,062	3/8	20,171	3/8	22,281	3/8	24,390
1/2	1,230	3,340	1/2	5,449	1/2	7,559	1/2	9,668	1/2	11,778	1/2	13,887	1/2	15,996	1/2	18,106	1/2	20,215	1/2	22,325	1/2	24,434
5/8	1,274	3,384	5/8	5,493	5/8	7,603	5/8	9,712	5/8	11,821	5/8	13,931	5/8	16,040	5/8	18,150	5/8	20,259	5/8	22,369	5/8	24,478
3/4	1,318	3,428	3/4	5,537	3/4	7,647	3/4	9,756	3/4	11,865	3/4	13,975	3/4	16,084	3/4	18,194	3/4	20,303	3/4	22,412	3/4	24,522
7/8	1,362	3,472	7/8	5,581	7/8	7,691	7/8	9,800	7/8	11,909	7/8	14,019	7/8	16,128	7/8	18,238	7/8	20,347	7/8	22,456	7/8	24,566
4	1,406	3,516	4	5,625	4	7,734	4	9,844	4	11,953	4	14,063	4	16,172	4	18,282	4	20,391	4	22,500	4	24,610
1/8	1,450	3,560	1/8	5,669	1/8	7,778	1/8	9,888	1/8	11,997	1/8	14,107	1/8	16,216	1/8	18,325	1/8	20,435	1/8	22,544	1/8	24,654
1/4	1,494	3,604	1/4	5,713	1/4	7,822	1/4	9,932	1/4	12,041	1/4	14,151	1/4	16,260	1/4	18,369	1/4	20,479	1/4	22,588	1/4	24,698
3/8	1,538	3,648	3/8	5,757	3/8	7,866	3/8	9,976	3/8	12,085	3/8	14,195	3/8	16,304	3/8	18,413	3/8	20,523	3/8	22,632	3/8	24,742
1/2	1,582	3,691	1/2	5,801	1/2	7,910	1/2	10,020	1/2	12,129	1/2	14,239	1/2	16,348	1/2	18,457	1/2	20,567	1/2	22,676	1/2	24,786
5/8	1,626	3,735	5/8	5,845	5/8	7,954	5/8	10,064	5/8	12,173	5/8	14,282	5/8	16,392	5/8	18,501	5/8	20,611	5/8	22,720	5/8	24,829
3/4	1,670	3,779	3/4	5,889	3/4	7,998	3/4	10,108	3/4	12,217	3/4	14,326	3/4	16,436	3/4	18,545	3/4	20,655	3/4	22,764	3/4	24,873
7/8	1,714	3,823	7/8	5,933	7/8	8,042	7/8	10,152	7/8	12,261	7/8	14,370	7/8	16,480	7/8	18,589	7/8	20,699	7/8	22,808	7/8	24,917
5	1,758	3,867	5	5,977	5	8,086	5	10,195	5	12,305	5	14,414	5	16,524	5	18,633	5	20,743	5	22,852	5	24,961
1/8	1,802	3,911	1/8	6,021	1/8	8,130	1/8	10,239	1/8	12,349	1/8	14,458	1/8	16,568	1/8	18,677	1/8	20,786	1/8	22,896	1/8	25,005
1/4	1,846	3,955	1/4	6,065	1/4	8,174	1/4	10,283	1/4	12,393	1/4	14,502	1/4	16,612	1/4	18,721	1/4	20,830	1/4	22,940	1/4	25,049
3/8	1,890	3,999	3/8	6,108	3/8	8,218	3/8	10,327	3/8	12,437	3/8	14,546	3/8	16,656	3/8	18,765	3/8	20,874	3/8	22,984	3/8	25,093
1/2	1,934	4,043	1/2	6,152	1/2	8,262	1/2	10,371	1/2	12,481	1/2	14,590	1/2	16,699	1/2	18,809	1/2	20,918	1/2	23,028	1/2	25,137
5/8	1,978	4,087	5/8	6,196	5/8	8,306	5/8	10,415	5/8	12,525	5/8	14,634	5/8	16,743	5/8	18,853	5/8	20,962	5/8	23,072	5/8	25,181
3/4	2,022	4,131	3/4	6,240	3/4	8,350	3/4	10,459	3/4	12,569	3/4	14,678	3/4	16,787	3/4	18,897	3/4	21,006	3/4	23,116	3/4	25,225
7/8	2,065	4,175	7/8	6,284	7/8	8,394	7/8	10,503	7/8	12,613	7/8	14,722	7/8	16,831	7/8	18,941	7/8	21,050	7/8	23,160	7/8	25,269

CAPACITY IN: U.S. GALLONS

STRAPPED: 1/16/91

GAUGE HEIGHT: 11'-5 1/2" (RIM OF 3" DIAMETER PIPE ON 6" DIAMETER PIPE, LOCATED NEAR AFT BULKHEAD.)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

Chas. Martin
 CHAS. MARTIN CORPORATION

Chas. MARTIN

BARGE NUMBER IB9301

PREVIOUSLY BARGE "OCC 301" OF OCCIDENTAL CHEMICAL COMPANY

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN



6 FEET			7 FEET			8 FEET			FEET			FEET			FEET			
IN.		IN.	IN.		IN.	IN.		IN.	IN.	IN.		IN.		IN.		IN.		IN.
0	25,313	6	27,422	0	29,532	6	31,641	0	33,751	6	34,849	0		6		0		6
1/8	25,357	1/8	27,466	1/8	29,576	1/8	31,685	1/8	33,794	1/8		1/8		1/8		1/8		1/8
1/4	25,401	1/4	27,510	1/4	29,620	1/4	31,729	1/4	33,838	1/4		1/4		1/4		1/4		1/4
3/8	25,445	3/8	27,554	3/8	29,664	3/8	31,773	3/8	33,879	3/8		3/8		3/8		3/8		3/8
1/2	25,489	1/2	27,598	1/2	29,707	1/2	31,817	1/2	33,919	1/2		1/2		1/2		1/2		1/2
5/8	25,533	5/8	27,642	5/8	29,751	5/8	31,861	5/8	33,959	5/8		5/8		5/8		5/8		5/8
3/4	25,577	3/4	27,686	3/4	29,795	3/4	31,905	3/4	33,999	3/4		3/4		3/4		3/4		3/4
7/8	25,621	7/8	27,730	7/8	29,839	7/8	31,949	7/8	34,039	7/8		7/8		7/8		7/8		7/8
1	25,664	7	27,774	1	29,883	7	31,993	1	34,079	7		1		7		1		7
1/8	25,708	1/8	27,818	1/8	29,927	1/8	32,037	1/8	34,119	1/8		1/8		1/8		1/8		1/8
1/4	25,752	1/4	27,862	1/4	29,971	1/4	32,081	1/4	34,159	1/4		1/4		1/4		1/4		1/4
3/8	25,796	3/8	27,906	3/8	30,015	3/8	32,125	3/8	34,192	3/8		3/8		3/8		3/8		3/8
1/2	25,840	1/2	27,950	1/2	30,059	1/2	32,168	1/2	34,224	1/2		1/2		1/2		1/2		1/2
5/8	25,884	5/8	27,994	5/8	30,103	5/8	32,212	5/8	34,257	5/8		5/8		5/8		5/8		5/8
3/4	25,928	3/4	28,038	3/4	30,147	3/4	32,256	3/4	34,289	3/4		3/4		3/4		3/4		3/4
7/8	25,972	7/8	28,081	7/8	30,191	7/8	32,300	7/8	34,322	7/8		7/8		7/8		7/8		7/8
2	26,016	8	28,125	2	30,235	8	32,344	2	34,354	8		2		8		2		8
1/8	26,060	1/8	28,169	1/8	30,279	1/8	32,388	1/8	34,387	1/8		1/8		1/8		1/8		1/8
1/4	26,104	1/4	28,213	1/4	30,323	1/4	32,432	1/4	34,419	1/4		1/4		1/4		1/4		1/4
3/8	26,148	3/8	28,257	3/8	30,367	3/8	32,476	3/8	34,444	3/8		3/8		3/8		3/8		3/8
1/2	26,192	1/2	28,301	1/2	30,411	1/2	32,520	1/2	34,469	1/2		1/2		1/2		1/2		1/2
5/8	26,236	5/8	28,345	5/8	30,455	5/8	32,564	5/8	34,494	5/8		5/8		5/8		5/8		5/8
3/4	26,280	3/4	28,389	3/4	30,499	3/4	32,608	3/4	34,519	3/4		3/4		3/4		3/4		3/4
7/8	26,324	7/8	28,433	7/8	30,542	7/8	32,652	7/8	34,543	7/8		7/8		7/8		7/8		7/8
3	26,368	9	28,477	3	30,586	9	32,696	3	34,568	9		3		9		3		9
1/8	26,412	1/8	28,521	1/8	30,630	1/8	32,740	1/8	34,593	1/8		1/8		1/8		1/8		1/8
1/4	26,455	1/4	28,565	1/4	30,674	1/4	32,784	1/4	34,618	1/4		1/4		1/4		1/4		1/4
3/8	26,499	3/8	28,609	3/8	30,718	3/8	32,828	3/8	34,635	3/8		3/8		3/8		3/8		3/8
1/2	26,543	1/2	28,653	1/2	30,762	1/2	32,872	1/2	34,652	1/2		1/2		1/2		1/2		1/2
5/8	26,587	5/8	28,697	5/8	30,806	5/8	32,916	5/8	34,670	5/8		5/8		5/8		5/8		5/8
3/4	26,631	3/4	28,741	3/4	30,850	3/4	32,960	3/4	34,687	3/4		3/4		3/4		3/4		3/4
7/8	26,675	7/8	28,785	7/8	30,894	7/8	33,003	7/8	34,704	7/8		7/8		7/8		7/8		7/8
4	26,719	10	28,829	4	30,938	10	33,047	4	34,721	10		4		10		4		10
1/8	26,763	1/8	28,873	1/8	30,982	1/8	33,091	1/8	34,738	1/8		1/8		1/8		1/8		1/8
1/4	26,807	1/4	28,916	1/4	31,026	1/4	33,135	1/4	34,756	1/4		1/4		1/4		1/4		1/4
3/8	26,851	3/8	28,960	3/8	31,070	3/8	33,179	3/8	34,765	3/8		3/8		3/8		3/8		3/8
1/2	26,895	1/2	29,004	1/2	31,114	1/2	33,223	1/2	34,775	1/2		1/2		1/2		1/2		1/2
5/8	26,939	5/8	29,048	5/8	31,158	5/8	33,267	5/8	34,784	5/8		5/8		5/8		5/8		5/8
3/4	26,983	3/4	29,092	3/4	31,202	3/4	33,311	3/4	34,794	3/4		3/4		3/4		3/4		3/4
7/8	27,027	7/8	29,136	7/8	31,246	7/8	33,355	7/8	34,803	7/8		7/8		7/8		7/8		7/8
5	27,071	11	29,180	5	31,290	11	33,399	5	34,813	11		5		11		5		11
1/8	27,115	1/8	29,224	1/8	31,333	1/8	33,443	1/8	34,822	1/8		1/8		1/8		1/8		1/8
1/4	27,159	1/4	29,268	1/4	31,377	1/4	33,487	1/4	34,832	1/4		1/4		1/4		1/4		1/4
3/8	27,203	3/8	29,312	3/8	31,421	3/8	33,531	3/8	34,835	3/8		3/8		3/8		3/8		3/8
1/2	27,247	1/2	29,356	1/2	31,465	1/2	33,575	1/2	34,838	1/2		1/2		1/2		1/2		1/2
5/8	27,290	5/8	29,400	5/8	31,509	5/8	33,619	5/8	34,841	5/8		5/8		5/8		5/8		5/8
3/4	27,334	3/4	29,444	3/4	31,553	3/4	33,663	3/4	34,843	3/4		3/4		3/4		3/4		3/4
7/8	27,378	7/8	29,488	7/8	31,597	7/8	33,707	7/8	34,846	7/8		7/8		7/8		7/8		7/8

CAPACITY IN: U.S. GALLONS

GAUGE HEIGHT: 11'-5 1/2" (RIM OF 3" DIAMETER PIPE ON 6" DIAMETER PIPE, LOCATED NEAR AFT BULKHEAD.)

STRAPPED: 1/16/91

[Signature]
CHAS. MARTIN CORPORATION