



1923 1922

DATE _____
PAGE _____

TEC _____
DDO _____

DDO _____
RSJ _____

FILE _____
relax me

HOD directly from the

M. E. Oliver

M. E. Oliver

↑
Sylvia molen Ruff.
(LC 333-82) rec'd 2/5
for above No. check.

CC:

DFM MSJ WJW JWJL FOR SGC FILE(2)

E. E. Morrison, 276 P ROPD, Ponca City

C. J. Adams, 2528 ROPD, Houston

Don Goff, 2538 REP, Houston

This statement not exactly true, as it applies only to Southlake and not Colonial, but in discussing with MEO we believe we can make some \$ by switching Southlake to ASTM volatility 4 speed, as MEO says they almost always hit recovery min before the 116 min. V/L, so lose some RVP room. If you agree I'll rewrite LC Loaded Pkg to Expl $\rightarrow$ Southlake to V/L voly specs.

072

MCD 000022501

REFINERY Lake Charles No. 3

WEEKLY PROGRESS REPORT

WEEK ENDING 7 A. M. February 22, 1982

Conoco

GASOLINE SHIPMENTS

GRADE	C	REGULAR SPECS	25	NO LEAD SPECS	92	SUPER NO LEAD SPECS	64
TANK NUMBER							
TENDER							
BARRELS							
GRAVITY, A. P. I.			59.0		56.3		60.7
I. B. P.			87		92		93
10% EVAP. AT		140+	121		124		132
50% AT		170-240	214		235		237
90% AT		365+	323		332		329
% AT 140		10-	18.5		15.5		12
% AT 170		50+	32		25.5		19.5
% AT 240		50-	59.5		53		52.5
% AT 365		90-	96.5		95		96
% AT							
% AT							
DRY POINT			388		392		408
END POINT		430+	396		400		428
RECOVERY, %		95.0-	98		95		95
R. V. P.		11.5+	11.4		11.5		11.2
ASTM GUM (UW)							
FM GUM (W)		2+	0.6		1.6		1.2
EL GUM (UW)		8+	0.9		2.9		2.6
IND. PER. MIN.		350-	360+		360+		360+
SULFUR, WT. %		0.1+	0.02		0.02		0.02
DOCTOR TEST			swt		swt		swt
MERCAP SULFUR, WT. %							
SAYBOLT COLOR							
OCTANE NUMBER							
1/2(R&M)		89.0-	89.0	87.0-	87.2	91.0-	91.0
RESEARCH		92.5-	92.7	91.0-	91.6		94.4
MOTOR			85.3	82.0-	82.8		87.6
TEL. ML/GAL.		3.38+	0.69	0.01+	<.003		.005
INHIBITORS: #/M BBLs.							
T20		124-	129		132		135
COMPOSITION:							
Lt. St. Run			11.6		3.7		
ECC			10.9		17.2		0.8
Thermal			9.7		1.4		
#2 Ref			38.9		61.0		46.5
Butane			5.3		7.1		5.9
Ref Naphtha					0.4		
Poly Gasoline			0.8		1.2		
Alky			1.5		2.3		46.7
#1 Ref			9.1		0.5		
but SR			5.8		3.9		0.1
n CH			6.4		1.3		

REMARKS:

MCD 000022502

REFINERY Lake Charles No. 3

WEEKLY PROGRESS REPORT

WEEK ENDING 7 A.M. February 22, 1982

Colonial

GASOLINE SHIPMENTS

GRADE	D	SPECS	REGULAR	SPECS	NO LEAD				
TANK NUMBER			80		31	78			
TENDER			*		**	***			
BARRELS									
GRAVITY, A. P. I.			61.2		58.1	56.8			
I. B. P.			84		85	81			
10 % EVAP. AT		131+	112		114	115			
50 % AT		170-235	208		225	221			
90 % AT		365+	316		326	314			
% AT 131		10-	18		16	16			
% AT 170		50+	34		28.5	29.5			
% AT 235		50-	60.5		55	56.5			
% AT 365		90-	96.5		96.5	98.5			
% AT									
% AT									
DRY POINT			376		394	376			
END POINT		430+	382		396	385			
RECOVERY, %		95.0-	95		96.5	96			
R. V. P.		13.5+	13.2		13.2	13.3			
ASTM GUM (UW)									
M GUM (W)		2+	1.2		1.2	1.2			
ACEL GUM (UW)		8+	4.0		2.0	1.9			
IND. PER. MIN.		360-	360+		360+	360+			
SULFUR, WT. %		0.1+	0.02		0.02	0.02			
DOCTOR TEST			swt		swt	swt			
MERCAP SULFUR, WT. %									
SAYBOLT COLOR									
OCTANE NUMBER									
1/2 (R&M)		89.0-	89.1		87.2	87.1			
RESEARCH		92.5-	92.7		91.8	91.1			
MOTOR			85.5		82.6	83.0			
TEL. ML/GAL.		3.38+	0.87		.004	.002			
INHIBITORS: #/M BBLs.									
T20		116-	118		122	121			
COMPOSITION:									
LSR			10.1		4.7	5.9			
FCC			6.5		10.6	2.0			
Thermal			11.1		0.9	0.2			
#2 Ref			41.4		60.0	72.9			
Butane			8.4		10.4	9.2			
Poly Gas			0.5		0.8	0.1			
Ref Naphtha					0.9				
Alky			1.1		3.4	0.1			
#1 Ref			6.2		0.4	0.1			
it SR			8.9		4.6	5.1			
Det. CH			5.8		3.3	4.4			

REMARKS: * 25,676 bbls. delivered to Conoco via LCPL (CLK 32-051)
 ** 25,000 bbls. delivered to Murphy via LCPL (MUK 40-056)
 7,030 bbls. delivered to Conoco via LCPL (CLK 40-056)
 *** 26,366 bbls. delivered to Murphy via LCPL (MUK 40-061)

MCD 000022503

REFINERY Lake Charles No. 3

WEEKLY PROGRESS REPORT

WEEK ENDING 7 A.M. February 22, 1982

Colonial

GASOLINE SHIPMENTS

GRADE	E	SPECS	REGULAR										
TANK NUMBER			87										
TENDER			*										
BARRELS													
GRAVITY, A. P. I.			61.6										
I. B. P.			85										
% EVAP. AT		122+	109										
% AT		170-230	203										
% AT		365+	320										
% AT	122	10-	16										
% AT	170	50+	36										
% AT	230	50-	60.5										
% AT	365	90-	96										
% AT													
% AT													
DRY POINT			370										
END POINT		430+	383										
RECOVERY, %			95										
R. V. P.		14.5+	13.9										
ASTM GUM (UW)													
M GUM (W)		2+	1.4										
ACCEL GUM (UW)			2.4										
IND. PER., MIN.		360-	360+										
SULFUR, WT. %		0.1+	0.02										
DOCTOR TEST			SWt										
MERCAP SULFUR, WT. %													
SAYBOLT COLOR													
OCTANE NUMBER													
½(R&M)		89.0-	89.1										
RESEARCH		92.5-	92.8										
MOTOR			85.4										
TEL. ML/GAL.		3.38+	0.74										
INHIBITORS: #/M BBLs.													
T20		105-	114										
COMPOSITION:													
LSR			9.4										
FCC			8.3										
Thermal			10.5										
#2 Ref			42.8										
Butane			9.5										
Poly Gaso			0.6										
Ref Naphtha			1.2										
Alky													
#1 Ref			2.7										
wt SR			9.1										
ben CH			5.9										

REMARKS: * 40,141 bbls. delivered to Conoco via LCPL (CLK 32-056)

MCD 000022504

REFINERY Lake Charles No. 3

WEEKLY PROGRESS REPORT

WEEK ENDING 7 A. M. February 22, 1982

Colonial

GASOLINE SHIPMENTS

GRADE	C	SPECS	NO LEAD										
TANK NUMBER			78										
TENDER			*										
BARRELS													
GRAVITY, A. P. I.			55.8										
I. B. P.			92										
10% EVAP. AT		140+	133										
50% AT		170-240	239										
90% AT		365+	326										
% AT 140		10-	12										
% AT 170		50+	21										
% AT 240		50-	50.5										
% AT 365		90-	97										
% AT													
% AT													
DRY POINT			380										
END POINT		430+	392										
RECOVERY, %			97										
R. V. P.		11.5+	11.6										
ASTM GUM (UW)													
TM GUM (W)		4+	0.8										
ACCEL GUM (UW)		8+	1.8										
IND. PER., MIN.		360-	360+										
SULFUR, WT. %		0.1+	0.02										
DOCTOR TEST			swt										
MERCAP SULFUR, WT. %													
SAYBOLT COLOR													
OCTANE NUMBER													
1/2 (R&M)		87.0-	87.1										
RESEARCH		91.0-	91.5										
MOTOR		82.0-	82.7										
TEL., ML/GAL.		0.01+	.005										
INHIBITORS: #/M BBLs.													
T20		124-	134										
COMPOSITION:													
LSR			4.3										
FCC			8.5										
Thermal			0.7										
#2 Ref			68.9										
Butane			10.5										
Poly Gaso			0.6										
Ref Naphtha													
Alky			0.5										
#1 Ref			0.3										
ut SR			4.2										
Den CH			1.5										

REMARKS: * 19,698 bbls. delivered to Conoco via LCPL (CLK 40-056)

REFINERY Lake Charles No. 3
WEEKLY PROGRESS REPORTWEEK ENDING 7 A. M. February 22, 1982

SHIPMENTS OF KEROSENE, DISTILLATE, AND OTHER PRODUCTS

GRADE	SPECS	#2 FUEL											
TANK NUMBER		82											
TENDERS		*											
BARRELS													
GRAVITY, API	30-	34.4											
FLASH, COC, °F													
FLASH, TOC, °F													
FLASH, TCC, °F													
FLASH, PM, °F	130-	160											
VISCOSITY @ 100 °F	32.6-37.9	35.2											
SSF @ 122 °F													
COLOR	2.5+	12.5											
SULFUR, WT. %	0.2+	0.17											
POUR POINT, °F	0+	-20											
CLOUD POINT, °F	15+	5											
CST @ 122 °F													
CETANE INDEX	40-	47											
BON RES. RAMS & BTMS, WT. %	0.35+	0.09											
ASH, WT. %	0.01+	0.00											
16 Hr. Acc. O.B. GUM													
WATER & SEDIMENT, %	0.05+	trace											
ANILINE POINT, °F													
SMOKE POINT, MM.													
FREEZE POINT, °F													
AROMATICS													
I. B. P., °F		390											
10%	480+	435											
20%													
50%		524											
90%	640+	594											
95%													
END POINT	670+	641											
Neut No.		0.12											
Pad Rtq.	4+	3											
Haze @ 70°F		2											
COMPOSITION:													
Desulf Dsl		10.6											
Diesel		43.9											
Lt FCC CO		18.8											
HOD		16.3											
Dsl Dst.		1.4											
Raff Solv													
1+ Th Cy Oil		8.7											
1+ x Raff													

REMARKS:

* 11,317 bbls. delivered to Conoco via LCPI (CLK 76-061)

MCD 000022506

REFINERY _____ No. _____
WEEKLY PROGRESS REPORT

WEEK ENDING 7 A. M.

SHIPMENTS OF KEROSENE, DISTILLATE, AND OTHER PRODUCTS

[illegible]

REMARKS:	*43,689 bbls. delivered to Gulf Oil via LCPL (GUK 51-052)
	25,051 bbls. delivered to Conoco via EPL (COL 51-051)
	**40,819 bbls. delivered to Conoco via EPL (COL 51-061)
	8,835 bbls. delivered to Gulf Oil via LCPL (GUK 51-052)
	***24,946 bbls. delivered to American Airlines via EPL (AAL 51-062)
	25,000 bbls. delivered to Gulf Oil via LCPL (GUK 51-056)
	12,682 bbls. delivered to Conoco via LCPL (CLK 51-05B)
	+ 25,000 bbls. delivered to Conoco via LCPL (CLK 51-061)
	4,366 bbls. delivered to Gulf Oil via LCPL (GUK 51-061)

MCD 000022507

REFINERY Lake Charles No. 3
WEEKLY PROGRESS REPORTWEEK ENDING 7 A. M. February 22, 1982**SHIPMENTS OF KEROSENE, DISTILLATE, AND OTHER PRODUCTS**

GRADE	KERO	#1 FUEL	#2 FUEL	DIESEL	DIESEL	HVY. FUEL OIL							
TANK NUMBER	95		201			84	398	89					
TENDERS	*		**			+	++	+++					
BARRELS	local		local										
GRAVITY, API	41.2		32.6			11.3	10.7	13.2					
FLASH, COC, °F													
FLASH, TOC, °F													
FLASH, TCC, °F	156												
FLASH, PM, °F			177			218	225	230+					
VISCOSITY @ 100 °F	1.80												
CS @ -4 °F	6.60				SFS @ 122	245	123	250					
COLOR	30		11.5										
SULFUR, WT. %	0.02		0.17			1.15	1.16	1.0					
POUR POINT, °F			-15			45	45	70					
CLOUD POINT, °F			2										
CST @ 122 °F	1A		1A										
CETANE INDEX	44		45										
BON RES. RAMS % BTMS., WT. %			0.09										
ASH, WT. %			0.00			0.014	0.002	0.01					
WSIM	97												
WATER & SEDIMENT, %			trace			0.1	0.5	0.05					
ANILINE POINT, °F	145		139										
SMOKE POINT, MM.	30				Sodium	25		19					
FREEZE POINT, °F	-108				Vanadium	16		19					
AROMATICS	15												
I. B. P., °F	388		404										
10%	398		456										
20%													
50%	425		526										
90%	472		594										
95%	487												
END POINT	518		630										
Neut. No.			0.13										
90 Min Stab			3										
Haze @ 70°F			1										
COMPOSITION:													
Diesel			62.4		Coker Nap	14.4	15.2	17.8					
Lt FCC CO			21.4		Vac Resid	36.1	22.4	58.9					
HOD			4.8		BSI Ext.	1.9		1.3					
Lt TCO			11.4		CC Resid	28.3	46.4	15.1					
Naphtha					Coker GO	17.0	9.0	5.9					
Molox Raff	100				Lt FCC CO	2.3	0.4	1.0					
P-ef Solv					Ponca Slurry		6.6						

REMARKS:

- * trucks of Jet Fuel loaded for local sales
 ** 4 tank cars of #2 Fuel loaded
 + 25,000 bbls. #6 Fuel loaded on Belcher Barge 37
 29,654 bbls. #6 Fuel loaded on Belcher Barges GDM 264 & TC 20
 32,395 bbls. #6 Fuel loaded on S/S Red River for Koch Fuels
 ++ 79,527 bbls. #6 Fuel loaded on S/S Red River for Koch Fuels
 +++104,182 bbls. #6 Fuel loaded on Barge Florida for Florida Power & Light

MCD 000022508 -

REFINERY Lake Charles No. 3
WEEKLY PROGRESS REPORT

WEEK ENDING 7 A. M. February 22, 1982

SHIPMENTS OF KEROSENE, DISTILLATE, AND OTHER PRODUCTS

GRADE	LIGHT & HEAVY BLEND													
TANK NUMBER	342	342	340	342	340	342	340							
TENDERS	*	**	***	+	++	+++	X							
BARRELS														
GRAVITY, API	36.3	33.3	33.4	33.6	33.8	34.6	34.3							
FLASH, COC, °F														
FLASH, TOC, °F														
FLASH, TCC, °F														
FLASH, PM, °F	221	181	218	193	219	146	210							
VISCOSITY @ 100 °F														
SSF @ 122 °F														
COLOR	L0.5	L2.0	L1.0	L1.5	L1.0	L1.0	L1.0							
SULFUR, WT. %	0.03	0.09	0.11	0.11	0.11	0.10	0.06							
POUR POINT, °F	10	35	40		40	45	50							
CLOUD POINT, °F														
CST @ 122 °F														
CETANE INDEX														
ARBON RES. RAMS % BTMS., WT. %	0.08	0.10	0.09	0.09	0.08	0.09	0.08							
ASH, WT. %	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
16 Hr. Acc. O.B. GUM														
WATER & SEDIMENT, %	trace	trace	trace	trace	trace	trace	trace							
ANILINE POINT, °F														
SMOKE POINT, MM.														
FREEZE POINT, °F														
AROMATICS														
I. B. P., °F	475	422	420	430	400	402	420							
10%	505	504	517	512	510	493	520							
20%														
50%	545	575	618	618	618	616	613							
90%	597	709	770	778	775	765	770							
95%														
END POINT	660	741	845	857	868	846	850							
BHCI	29	33	30	29	29	27	28							
K Factor	11.9	11.8	12	12	12	12	12							
Metal	<1	<1	<1	<1	<1	<1	<1							
COMPOSITION:														
Molex Raff														
#2 Dsl	41.7	40.2	28.1	24.5	21.4	22.5	18.1							
Naphtha														
#3 Desulf GO	10.3	12.5	20.1	28.1	33.7	32.9	28.0							
#3 Desulf DFO	30.8	28.5	28.2	23.1	21.0	21.7	26.3							
#3 Desulf LVGO	17.2	18.8	23.0	24.3	23.9	22.9	27.6							
#2 Debut SR														
HOD			0.6											

MCD 000022509

REMARKS: * 22,835 bbls. loaded on Barge 7007 for Conoco Chemicals
 ** 48,797 bbls. loaded on Barges 7004 & 7005 for Conoco Chemicals
 *** 50,213 bbls. loaded on Barge M43 & M44 for Conoco Chemicals
 + 46,970 bbls. loaded on Barges 7006 & 7007 for Conoco Chemicals
 ++ 45,015 bbls. loaded on Barges 7004 & 7005 for Conoco Chemicals
 +++ 47,167 bbls. loaded on Barge M43 & M44 for Conoco Chemicals
 X 48,420 bbls. loaded on Barges 7006 & 7007 for Conoco Chemicals

REFINERY Lake Charles No. 3

WEEKLY PROGRESS REPORT

WEEK ENDING 7 A.M. February 22, 1982

UNLOADINGS OF KEROSENE, DISTILLATE, AND OTHER PRODUCTS

[illegible]

REMARKS:	(1) & (2) Barges 7001 & 7002 from Conoco Chemicals unloaded to refinery storage
	(3) Barges S2011 & 2022 from Crown Central unloaded to refinery storage

MCD 000022510