

# Government of the Republic of Trinidad and Tobago

# MINISTRY OF ENERGY & ENERGY INDUSTRIES



# CONSOLIDATED MONTHLY BULLETINS 2009

MINISTRY OF ENERGY
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POWER. PROSPERITY. PROGRESS

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## LIST OF ABBREVIATIONS USED

# 1) Company and Facility Names

ALNG	- Atlantic LNG Company of Trinidad and Tobago Ltd	NGC	- The National Gas Company of Trinidad & Tobago Ltd
ATLAS	- Atlas Methanol Plant	NHETT	- New Horizon Energy Trinidad and Tobago Ltd
<b>AUM-NH3</b>	- Ammonia Plant from AUM Complex	<b>NMERL</b>	- Neal & Massy Energy Resources Trinidad Ltd
BAYF	- Bayfield Energy (Galeota) Ltd	NPSL	- Nathan Petroleum Services Ltd
BG	- BG Trinidad and Tobago Limited	OSL	- Oilbelt Services Ltd
<b>BGCB</b>	- BG Central Block	PCS 01,02,03,04	- PCS Nitrogen Ammonia Plants 1, 2, 3, 4
	(formerly Vermilion Oil and Gas Trinidad Limited)	PCS (Urea)	- PCS Nitrogen Urea Plant
BHP	- BHP Billiton (Trinidad 2c) Limited	PTRIN	- Petroleum Company of Trinidad and Tobago Ltd
BPTT	- BP Trinidad and Tobago LLC	PLNL	- Point Lisas Nitrogen Ltd
CANSUP	- Canadian Superior Energy Inc		(formerly Farmland MissChem Ltd)
CMC (M2)	- Caribbean Methanol Company Ltd (& Plant)	PPGPL	- Phoenix Park Gas Processors Ltd
CNC	- Caribbean Nitrogen Company Ltd (& Plant)	PRIM	- Primera Oil and Gas Ltd (formerly PCOL)
CONST-1	- Constellation-1 (drilling rig)	REPSOL	- Repsol E&P Trinidad and Tobago Ltd
DISSL	- Drilling International Service and Supplies Ltd	TED	- Trinidad Exploration and Development Limited
<b>ECDWSL</b>	- East Coast Drilling and Workover Services Ltd	TENDN	- Ten Degrees North Energy Ltd
EOG	- EOG Resources Trinidad Ltd		(formerly Venture Production Trinidad Ltd)
	(formerly Enron Oil & Gas)	TITAN	- Titan Methanol Plant
GSF	- Global Santa Fe (rig contractor)	TRINGEN I & II	- Trinidad Nitrogen Company Ltd Plants I & II
H & P	- Helmerich & Payne (rig contractor)	TRINMAR	- Petrotrin-Trinmar Strategic Business Unit
LOL	- Lease Operators Ltd	TTMC I (M1)	- Trinidad and Tobago Methanol Company Ltd Plant I
M IV (M4)	- Methanol IV Company Ltd Plant	TTMC II (M3)	- Trinidad and Tobago Methanol Company Ltd Plant II
M5000 (M5)	- M5000 Methanol Plant	WOWSL	- Water & Oilwell Services Ltd
MORA	- Mora Oil Ventures Limited	WSL	- Well Services Petroleum Company Limited
N2000	- Nitrogen 2000 Unlimited	YARA	- Yara Trinidad Ltd

#### LIST OF ABBREVIATIONS USED

2)	Units

#### **BBLS** - Barrels **BCPD** - Barrels of condensate per day - Barrels of oil per day **BOPD BPCD** - Barrels per calendar day FT - Feet M^3 - Cubic Metres - Millions of British Thermal Units **MMBTU MMSCF** - Millions of Standard Cubic feet MMSCF/D - Millions of Standard Cubic Feet per day **MSCF** - Thousands of Standard Cubic Feet - Metric Tonnes MT

### 3) Products

LNG - Liquefied Natural Gas
LPG - Liquefied Petroleum Gas
NGLs - Natural Gas Liquids

#### 4) Other

ATD	- Authorised Total Depth
DEV	- Development
<b>ECMA</b>	- East Coast Marine Area
<b>EXPL</b>	- Exploration
FO	- Farmouts
IPSC	Incremental Production Service Contracts (under Petrotrin)
KOP	- Kick-off Point

LO - Lease Operators

NCMA - North Coast Marine Area

PAP - Pointe-a-Pierre

ST - Sidetrack
TD - Total Depth
wef - with effect from

wo - workover

**Table 1A - Crude Oil Production in 2009 (BOPD)** 

MONTH	BG	REPSOL	BPTT	TRINMAR	BAYF	EOG	ВНР	PRIM	PTRIN	TENDN	BGCB	NHETT	NMERL	PTRIN (FO)	PTRIN (LO)	IPSC	TED	MORA	LAND	MARINE	TOTAL
Jan-09	1,956	15,531	18,891	25,300	0	4,802	17,591	544	15,678	710	987	90	213	1,015	4,826	-	15	24	23,367	85,570	108,937
Feb-09	1,997	15,425	23,666	23,623	0	5,543	15,218	484	15,371	683	1,424	93	206	1,050	4,766	-	16	62	23,412	86,917	110,329
Mar-09	2,235	15,154	22,763	24,619	0	4,908	18,293	471	15,230	712	1,489	60	169	1,071	4,965	-	14	97	23,470	89,559	113,029
Apr-09	2,045	15,122	22,022	23,463	0	5,493	17,034	475	15,098	657	1,356	93	237	1,080	4,956	-	10	104	23,305	86,801	110,106
May-09	2,304	15,812	22,564	24,026	837	5,350	17,444	487	14,875	646	1,414	96	175	949	4,550	ı	15	385	22,562	89,366	111,928
Jun-09	2,435	15,739	20,859	24,077	853	5,390	15,854	492	14,941	597	1,461	77	188	1,266	5,260	ı	11	314	23,697	86,117	109,814
Jul-09	2,091	15,489	18,611	23,054	487	5,314	14,301	483	14,785	629	1,090	86	190	1,332	5,060	ı	15	246	23,042	80,224	103,266
Aug-09	2,377	13,385	20,054	24,016	740	5,361	14,870	462	14,945	646	1,149	72	199	1,297	4,916	ı	14	350	23,053	81,800	104,853
Sep-09	2,427	14,554	15,935	21,868	831	4,623	15,630	520	15,076	715	1,226	78	203	1,202	4,637	ı	12	279	22,955	76,863	99,818
Oct-09	2,248	13,267	19,449	22,262	920	5,389	14,448	514	14,326	708	1,412	90	190	1,236	4,855	ı	11	297	22,635	78,987	101,622
Nov-09	1,960	14,194	22,363	22,682	943	5,600	10,017	508	14,206	755	1,513	62	209	1,341	5,108	ı	23	275	22,970	78,787	101,757
Dec-09	2,406	15,042	21,816	22,335	848	5,607	14,061	508	14,632	701	1,241	94	171	1,216	4,790	12	5	298	22,668	83,115	105,782
AVG 2009	2,208	14,888	20,730	23,447	541	5,280	15,407	496	14,928	680	1,312	83	196	1,172	4,891	1	14	229	23,090	83,666	106,756

NOTES: 1) Effective March 2008 production from Trintomar is included in EOG production

<sup>2)</sup> Bayfield Energy (Galeota) Ltd began operations wef May 1st 2009 in the Trintes field formerly Petrotrin Galeota.

<sup>3)</sup> IPSC - Incremental Production Service Contracts - under Petrotrin, started December 2009

Table 2A - Drilling & Workover Rigs in Use in 2009

MONTH			MARINE						LAND			
MONTH	BPTT	BG NCMA	BG ECMA	CANSUP	EOG	TRINMAR	PTRIN	PTRIN (LO)	PTRIN (FO)	PRIM	TED	NHETT
Jan-09	GSF MONITOR	-	H & P 203	KAN TAN IV	-	-	-	-	WSL RIG #20	-	-	-
Feb-09	-	-	H & P 203	KAN TAN IV	-	-	1	WSL RIG #4	-	1	,	-
Mar-09	-	-	H & P 203	KAN TAN IV	-	-	-	WSL RIG #4 & WOWSL RIG # 1	-	-	-	-
Apr-09	-	-	H & P 203	-	-	-	1	WSL RIG #4	1	-	-	-
May-09	CONST-1	-	-	-	-	-	1	WSL RIG #4	1	1	-	-
Jun-09	CONST-1	-	-	-	-	-	1	WSL RIG #4	-	1	-	-
Jul-09	CONST-1	-	-	-	-	-	-	WSL RIG #4	-	-	-	-
Aug-09	CONST-1	H & P 203	-	-	-	-	-	-	-	-	-	-
Sep-09	CONST-1	H & P 203	-	-	-	-	-	NPSL RIG #2	-	-	-	-
Oct-09	CONST-1	H & P 203	-	-	-	-	-	WSL RIG #4	-	-	-	-
Nov-09	CONST-1	H & P 203	-	-	-	-	-	WSL RIG #4	-	-	-	-
Dec-09	CONST-1	H & P 203	-	-	OFFSHORE VIGILANTE	-	-	WSL RIG #4	-	-	-	-

Table 2B - Rig Days in 2009

MONTH	BPTT	NHETT	TED	TRINMAR	PTRIN	PTRIN (LO)	PTRIN (FO)	BG NCMA	BG ECMA	EOG	CANSUP	ВНР	PRIM	TOTAL
Jan-09	20	0	0	0	0	0	4	0	31	0	31	0	0	86
Feb-09	0	0	0	0	0	17	0	0	28	0	28	0	0	73
Mar-09	0	0	0	0	0	50	0	0	23	0	23	0	0	96
Apr-09	0	0	0	0	0	12	0	0	0	0	0	0	0	12
May-09	1	0	0	0	0	7	0	0	0	0	0	0	0	8
Jun-09	30	0	0	0	0	28	0	0	0	0	0	0	0	58
Jul-09	31	0	0	0	0	8	0	0	0	0	0	0	0	39
Aug-09	31	0	0	0	0	0	0	17	0	0	0	0	0	48
Sep-09	30	0	0	0	0	13	0	27	0	0	0	0	0	70
Oct-09	31	0	0	0	0	23	0	31	0	0	0	0	0	85
Nov-09	30	0	0	0	0	26	0	30	0	0	0	0	0	86
Dec-09	31	0	0	0	0	11	0	29	0	11	0	0	0	82
TOTAL	235	0	0	0	0	195	4	134	82	11	82	0	0	744

Table 2C - Depth Drilled in 2009 (FT)

MONTH	REPSOL	BPTT	NHETT	PRIM	TRINMAR	PTRIN	PTRIN (LO)	PTRIN (FO)	BG ECMA	BG NCMA	EOG	CANSUP	ВНР	TED	TOTAL
Jan-09	0	1,920	0	0	0	0	0	0	1,243	0	0	357	0	0	3,520
Feb-09	0	0	0	0	0	0	4,818	0	1,154	0	0	0	0	0	5,972
Mar-09	0	0	0	0	0	0	14,481	0	0	0	0	0	0	0	14,481
Apr-09	0	0	0	0	0	0	3,154	0	0	0	0	0	0	0	3,154
May-09	0	0	0	0	0	0	3,207	0	0	0	0	0	0	0	3,207
Jun-09	0	8,996	0	0	0	0	11,709	0	0	0	0	0	0	0	20,705
Jul-09	0	6,936	0	0	0	0	2,959	0	0	0	0	0	0	0	9,895
Aug-09	0	0	0	0	0	0	0	0	0	9,745	0	0	0	0	9,745
Sep-09	0	0	0	0	0	0	1,102	0	0	11,529	0	0	0	0	12,631
Oct-09	0	8,233	0	0	0	0	6,974	0	0	7,006	0	0	0	0	22,213
Nov-09	0	7,559	0	0	0	0	5,714	0	0	8,010	0	0	0	0	21,283
Dec-09	0	368	0	0	0	0	4,300	0	0	5,568	8,573	0	0	0	18,809
TOTAL	0	34,012	0	0	0	0	58,418	0	2,397	41,858	8,573	357	0	0	145,615

Table 2D - Wells Started in 2009

COMPANY/OPERATOR	FIELD	WELL	RIG NAME	CLASSIFICATION	DA	ATE	TD	ATD
COMITANT/OFERATOR	FIELD	NUMMER	RIG NAME	CLASSIFICATION	SPUDDED	COMPLETED	10	AID
		NO WE	LLS WERE SPUD IN JANU	JARY 2009				
DTDIN LO (LOL)	PALO SECO	PS-123X	WSL RIG # 4	DEV	14-Feb-09	17-Sep-09	5,653	5,550
PTRIN LO (LOL)	PALO SECO	PS-113X	WSL RIG #4,	DEV	28-Feb-09	17-Sep-09	5,500	5,550
PTRIN LO (ECDWSL)	PALO SECO	PAS-1494	WOWSL RIG # 1	DEV	5-Mar-09	-	1,840	1,825
DTDIN LO (LOL)	PALO SECO	PAS-196X	WSL RIG # 4	DEV	27-Mar-09	18-Jun-09	7,850	5,500
PTRIN LO (LOL)	PALO SECO	PS-106X	WSL RIG # 4	DEV	15-Mar-09	28-Sep-09	5,700	5,600
		NO W	ELLS WERE SPUD IN AP	RIL 2009				
PTRIN LO (LOL)	PALO SECO	ERI 27	WSL RIG #4	DEV	25-May-09	7-Oct-09	5,750	5,750
BPTT	SAVONETTE	SAVONETTE - A0 1ST1	CONST-1	DEV	9-Jun-09	29-Sep-09	15,932	15,830
DTDIN LO (LOL)	ERIN	ERI 28	WSL RIG #4	DEV	9-Jun-09	14-Oct-09	5,925	5,900
PTRIN LO (LOL)	ERIN	ERI 29	WSL RIG #4	DEV	24-Jun-09	16-Oct-09	6,200	6,200
		NO V	VELLS WERE SPUD IN JU	LY 2009				
	HELICONIA	HEL-POA-001 *	H & P 203	DEV	29-Aug-09	-	2,620	14,608
DC (MCMA)	BOUGANVILLLA	BOU1-POA-001 *	H & P 203	DEV	23-Aug-09	30-Dec-09	8,280	14,349
BG (NCMA)	POINSETTIA	POI-POA-001 *	H & P 203	DEV	12-Aug-09	23-Nov-09	13,210	13,388
	POINSETTIA	POI-POA-002 *	H & P 203	DEV	18-Aug-09	18-Nov-09	12,180	11,500
PTRIN LO (LOL)	FOREST RESERVE	FR-1686	NPSL RIG #2	DEV	09-Sep-09	-	1,102	1,000
BPTT	SAVONETTE	SAVONETTE - AO2	CONST-1	DEV	1-Oct-09	-	16,160	15,835
PTRIN LO (LOL)	PARRYLANDS	PAR-352ST1	WSL RIG #4	DEV	24-Oct-09	-	3,950	3,900
PTRIN LO (LOL)	PALO SECO	PAS-27X	WSL RIG #4	DEV	5-Oct-09	-	5,050	5,050
PTRIN LO (LOL)	PARRYLANDS	PAR-353	WSL RIG #4	DEV	16-Nov-09	-	4,445	4,300
PTRIN LO (LOL)	PARRYLANDS	PAR-354	WSL RIG #4	DEV	2-Dec-09	-	4,300	4,300
EOG	PELICAN	PA-12	OFFSHORE VIGILANTE	EXPL( A2B)	20-Dec-09	-	8,573	19,344

NOTES: \* Batch Drilling

**Table 2E - Well Completions in 2009** 

		WELL C	COMPLETIC	NS - OIL		WELL C	OMPLETION	NS - GAS	* WE	LL COMPLETION	ONS - OTHER	TOTAL
MONTH	PTRIN	TRINMAR	PTRIN (FO)	PTRIN (LO)	TOTAL OIL	BG ECMA	BPTT	TOTAL GAS	BG NCMA	BPTT	TOTAL OTHER	COMPLETIONS
Jan-09	0	1	1	0	2	0	0	0	0	1	1	3
Feb-09	1	0	0	0	1	0	0	0	0	0	0	1
Mar-09	2	0	0	0	2	2	0	2	0	0	0	4
Apr-09	0	1	0	0	1	1	0	1	0	0	0	2
May-09	0	0	0	0	0	0	0	0	0	0	0	0
Jun-09	0	0	0	1	1	0	0	0	0	0	0	1
Jul-09	0	0	2	0	2	0	0	0	0	0	0	2
Aug-09	0	0	3	0	3	0	0	0	0	0	0	3
Sep-09	0	0	0	3	3	0	1	1	0	0	0	4
Oct-09	0	0	0	3	3	0	0	0	0	0	0	3
Nov-09	0	0	0	0	0	0	0	0	2	0	2	2
Dec-09	0	0	0	0	0	0	0	0	1	0	1	1
TOTAL	3	2	6	7	18	3	1	4	3	1	4	26

NOTE: \* INCLUDES ABANDONMENTS

TABLE INCLUDES WELLS STARTED IN PREVIOUS YEARS BUT COMPLETED IN CURRENT YEAR

<u>Table 2F - MEEI Approved Workovers Completed and Winch Hours in 2009</u>

MONTH	REPSOL	BPTT	NHETT	PRIM	TRINMAR	PTRIN	PTRIN (LO)	PTRIN (FO)	TENDN	ВНР	TED	TOTAL wo completed	TOTAL winch hours
Jan-09	0	0	0	0	0	4	2	0	0	0	0	6	1,732
Feb-09	0	0	0	0	0	3	2	0	0	0	0	5	880
Mar-09	0	0	0	0	0	7	2	0	0	0	0	9	916
Apr-09	0	0	0	0	1	3	2	0	0	0	0	6	866
May-09	0	0	0	0	1	2	2	0	0	0	0	5	1,747
Jun-09	0	0	0	0	1	5	3	0	0	0	0	9	1,852
Jul-09	0	1	0	1	1	3	5	0	0	0	0	11	1,661
Aug-09	0	0	0	1	0	2	5	0	0	0	0	8	448
Sep-09	1	0	0	0	1	2	0	1	2	0	0	7	974
Oct-09	0	0	0	0	1	1	8	1	1	1	0	13	867
Nov-09	0	0	0	0	3	4	3	0	2	0	0	12	1,539
Dec-09	1	0	0	0	0	3	3	1	0	0	0	8	800
TOTAL	2	1	0	2	9	39	37	3	5	1	0	99	14,282

<u>Table 3A - Natural Gas Production By Company in 2009 (MMSCF/D)</u>

COMPANY	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	AVG 2009
BPTT	2,360	2,674	2,561	2,485	2,583	2,545	2,410	2,593	2,238	2,438	2,694	2,726	2,526
TRINMAR	30	31	30	25	28	23	44	23	29	25	21	23	28
PTRIN	4	4	4	4	4	3	3	3	3	3	3	3	3
EOG	380	417	357	420	402	414	412	426	365	431	461	493	415
BG	915	1,018	982	999	1,027	952	917	1,032	1,113	1,105	1100	1,080	1,020
BHP	203	166	211	218	213	208	195	199	209	181	132	201	195
REPSOL	27	58	32	32	27	32	30	29	30	33	37	39	34
TOTAL	3,919	4,367	4,176	4,183	4,284	4,177	4,012	4,305	3,988	4,215	4,448	4,564	4,220

Table 3B - Natural Gas Utilization By Sector in 2009 (MMSCF/D)

SECTOR	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	AVG 2009
Power Generation	239	251	271	273	268	266	279	285	295	281	284	273	272
Ammonia Manufacture	558	538	470	619	604	506	622	616	511	546	509	572	556
Methanol Manufacture	413	608	605	547	566	553	569	590	553	578	626	608	568
Refinery	29	27	30	30	29	30	35	34	34	33	33	33	31
Iron & Steel Manufacture	13	72	40	35	37	53	79	87	109	93	96	85	67
Cement Manufacture	12	13	11	13	8	10	14	13	14	12	11	12	12
Urea Manufacture	7	11	11	12	12	11	13	12	12	12	12	11	11
Small Consumers	9	11	11	10	10	10	10	34	12	12	13	10	13
Gas Processing	29	32	35	35	35	35	33	11	36	33	33	37	32
LNG	2,169	2,443	2,371	2,258	2,317	2,329	1,968	2,245	2,022	2,245	2447	2,493	2,276
TOTAL	3,478	4,006	3,855	3,832	3,886	3,803	3,622	3,927	3,597	3,845	4,063	4,134	3,837

Table 4A - Crude Oil Imports in 2009 (BBLs)

CRUDE TYPE	COUNTRY	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
Antan/Remboue Blend	Nigeria	398,179	0	278,367	0	0	299,840	0	0	251,151	0	0	0	1,227,537
Cabinda	Angola	0	0	0	0	0	0	0	0	0	0	504,584	0	504,584
Cano Limon	Colombia	0	0	0	397,563	0	0	0	0	397,724	396,080	360,704	378,830	1,930,901
Congo/Remboue Composite	Congo	747,749	374,203	0	442,342	758,218	781,584	353,817	709,314	0	0	0	0	4,167,227
Lucina Blend	Gabon	376,464	341,520	0	296,147	279,504	278,580	0	269,226	338,679	229,002	300,344	280,731	2,990,197
Mandji Crude	Gabon	733,090	0	0	0	0	0	0	0	0	0	0	0	733,090
Marlim Crude	Brazil	0	478,817	0	0	0	0	0	0	502,192	0	0	0	981,009
Mesa	Venezuela	556,362	0	0	0	0	0	496,525	0	0	0	0	0	1,052,887
Ogeundjo Blend	Gabon	724,604	0	473,467	771,337	376,021	0	388,584	790,273	0	497,910	451,077	418,996	4,892,269
Roncador	Brazil										376,940	0	0	376,940
Urals/Russian Blend	Russia	0	723,393	1,447,304	723,727	1,518,034	1,447,925	0	721,568	1,097,371	352,736	725,180	726,384	9,483,622
Vasconia	Colombia	0	503,300	523,605	0	1,006,877	0	1,012,283	476,904	524,022	1,025,082	955,395	1,001,588	7,029,056
Woodbourne	Barbados	72,378	0	35,796	0	0	0	0	0	0	0	36,508	0	144,682
TOTAL		3,608,826	2,421,233	2,758,539	2,631,116	3,938,654	2,807,929	2,251,209	2,967,285	3,111,139	2,877,750	3,333,792	2,806,529	35,514,001

Table 4B - Crude Oil Exports in 2009 (BBLs)

CRUDE TYPE	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
Galeota Mix	1,148,147	1,150,000	1,149,420	1,151,516	1,149,446	1,697,719	1,159,056	1,149,049	767,355	966,809	1,223,667	1,261,525	13,973,709
Calypso Crude	501,228	360,965	722,101	500,500	496,175	868,368	0	720,517	378,399	360,238	360,334	367,152	5,635,977
TOTAL	1,649,375	1,510,965	1,871,521	1,652,016	1,645,621	2,566,087	1,159,056	1,869,566	1,145,754	1,327,047	1,584,001	1,628,677	19,609,686

<u>Table 4C - Petrotrin PAP Refinery Sales in 2009 (BBLs)</u>

						LOCA	L SALES (I	BBLS)					
PRODUCT	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
LPG	52,055	46,968	57,089	53,290	54,785	48,461	53,949	53,647	53,647	57,264	49,151	64,093	644,399
Motor Gasoline	322,826	318,150	320,515	336,568	342,569	337,244	333,989	329,936	329,936	381,084	325,361	373,152	4,051,330
Naphtha	0	0	0	0	0	0	0	0	0	0	0	0	0
Aviation Gasoline	0	114	230	114	114	0	229	114	114	229	0	229	1,487
Kerosine/Jet	88,238	62,899	88,672	77,392	78,424	63,527	80,916	92,263	92,263	70,450	90,481	94,416	979,941
Gas Oils / Diesel	261,246	254,196	284,176	283,031	317,210	312,153	287,601	281,065	281,065	333,232	325,386	355,838	3,576,199
Fuel Oils	0	0	18	42	85	0	0	0	0	0	0	0	145
Bitumen	14,263	10,781	20,418	24,504	17,656	15,578	10,080	11,542	11,542	13,449	16,249	17,498	183,560
Sulphur	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Refined/Unfinished Prod.	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	738,628	693,108	771,118	774,941	810,843	776,963	766,764	768,567	768,567	855,708	806,628	905,226	9,437,061

						EXPO!	RT SALES (	(BBLS)					
PRODUCT	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
LPG	55,771	65,966	69,982	60,328	47,745	25,224	52,708	60,626	45,225	32,383	63,737	38,481	618,176
Motor Gasoline	791,909	594,980	749,436	770,684	444,587	734,390	800,252	846,976	862,619	532,466	506,408	628,141	8,262,848
Naphtha	58,039	59,992	0	59,814	0	59,210	0	105,066	0	0	109,769	0	451,890
Aviation Gasoline	0	0	0	0	0	0	0	0	(114)	0	0	0	(114)
Kerosine/Jet	516,512	363,140	578,957	326,615	442,506	427,684	505,131	402,040	450,859	201,669	505,917	569,989	5,291,019
Gas Oils / Diesel	860,364	516,765	974,953	610,003	747,121	841,237	653,113	831,889	980,768	627,324	709,900	839,424	9,192,861
Fuel Oils	1,991,029	1,185,312	1,202,424	1,472,963	1,443,969	1,419,947	1,174,759	2,127,791	1,395,400	1,244,637	1,342,554	1,409,054	17,409,839
Bitumen	0	0	0	0	0	0	0	0	2,931	0	0	0	2,931
Sulphur	0	7,371	0	13,971	0	0	15,019	7,277	0	6,428	0	9,063	59,129
Other Refined/Unfinished Prod.	0	179,850	349,655	530,035	239,793	469,003	589,754	350,393	450,308	351,308	597,907	469,452	4,577,458
TOTAL	4,273,624	2,973,376	3,925,407	3,844,413	3,365,721	3,976,695	3,790,736	4,732,058	4,187,996	2,996,215	3,836,192	3,963,604	45,866,037

<u>Table 4D - Petrotrin PAP Refinery Output in 2009 (BBLs)</u>

PRODUCT	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
LPG	105,295	115,418	118,483	108,357	107,858	75,461	107,345	118,158	85,636	100,944	106,312	110,646	1,259,913
Motor Gasoline	1,164,010	900,589	1,035,431	846,907	910,384	797,705	1,052,576	932,634	1,052,212	909,464	972,197	917,639	11,491,748
Aviation Gasoline	(1,534)	932	3,442	613	(6,705)	9,313	(7,653)	(1,957)	998	1,279	616	(2,443)	(3,099)
Kerosine/Jet	603,525	508,707	564,083	564,666	478,367	476,969	548,621	416,424	482,222	520,094	569,758	530,821	6,264,257
Gas Oils / Diesel	1,177,220	924,944	1,094,778	985,427	1,108,731	1,061,566	1,128,221	1,045,799	921,036	1,137,178	1,062,519	1,168,048	12,815,467
Fuel Oils	1,503,114	1,520,426	1,396,974	1,247,643	1,338,479	1,690,205	1,459,153	1,370,959	1,385,664	1,198,190	1,588,166	1,365,832	17,064,805
Bitumen	8,572	10,236	21,236	27,049	19,296	12,159	12,095	8,829	17,749	9,814	19,576	16,714	183,325
Sulphur	4,759	3,450	4,551	14,958	2,722	3,637	6,073	3,824	1,808	4,052	4,115	6,751	60,700
Other Refined/Unfinished Prod.	50,871	304,711	482,758	468,746	828,426	240,847	357,831	545,558	495,748	537,779	(15,149)	570,143	4,868,269
Refinery Gas and Loss/(Gain)	136,360	116,931	120,597	101,327	33,050	78,313	142,217	94,103	124,243	168,671	148,838	145,985	1,410,635
TOTAL	4,752,192	4,406,344	4,842,333	4,365,693	4,820,608	4,446,175	4,806,479	4,534,331	4,567,316	4,587,465	4,456,948	4,830,136	55,416,020

<u>Table 4E - Petrotrin PAP Refinery Throughput in 2009 (BOPD)</u>

	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	AVG 2009
Throughput (BBLs)	4,752,192	4,406,344	4,842,333	4,365,693	4,820,608	4,446,175	4,806,479	4,534,331	4,567,316	4,587,465	4,456,948	4,830,136	4,618,002
Throughput (BOPD)	153,297	157,369	156,204	145,523	155,503	148,206	155,048	146,269	152,244	147,983	148,565	155,811	151,835

<u>Table 5A - Production and Export of NGLs from PPGPL in 2009</u>

		Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
PRODUCTION	Propane	434,691	437,372	496,433	468,877	486,448	474,963	458,317	527,869	443,459	494,651	532,434	562,463	5,817,977
of NGLs	Butane	355,407	356,831	403,782	372,595	378,209	367,180	347,718	415,893	342,200	385,218	408,710	422,354	4,556,097
(in BBLs)	Natural Gasoline	431,535	442,763	460,859	430,529	443,738	446,946	419,658	495,740	427,658	477,091	517,188	531,150	5,524,855
	TOTAL	1,221,633	1,236,966	1,361,074	1,272,001	1,308,395	1,289,089	1,225,693	1,439,502	1,213,317	1,356,960	1,458,332	1,515,967	15,898,929
EXPORT of	Propane	420,370	342,979	555,549	424,325	535,685	507,690	364,538	484,422	529,062	437,947	425,455	614,245	5,642,267
NGLs (in	Butane	281,796	240,861	445,592	551,662	330,585	339,233	314,963	365,161	411,601	310,362	297,630	447,822	4,337,268
BBLs)	Natural Gasoline	260,403	641,151	307,561	612,037	372,059	411,835	578,869	429,241	385,524	305,173	305,173	563,976	5,173,002
	TOTAL	962,569	1,224,991	1,308,702	1,588,024	1,238,329	1,258,758	1,258,370	1,278,824	1,326,187	1,053,482	1,028,258	1,626,043	15,152,537

NOTE: Local NGL sales from ALNG are to mainly PPGPL. These sold NGL volumes have been included in PPGPL's production data.

Table 5B - Production and Export of Ammonia and Urea in 2009 (MT)

Production of Ammonia (MT)	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
YARA	25,776	23,869	25,127	25,714	26,613	25,543	24,610	13,811	22,269	15,848	25,200	27,223	281,603
Tringen I	43,879	36,978	40,268	40,857	24,470	34,509	42,047	43,269	39,182	31,089	41,477	42,889	460,914
Tringen II	49,248	17,615	42,417	47,697	48,814	26,216	43,255	48,358	47,536	48,608	47,881	49,607	517,252
PCS (01,02,03 & 04)	197,217	186,660	166,152	163,422	177,366	100,165	174,397	178,727	126,867	128,255	118,864	190,526	1,908,618
PLNL	62,484	56,531	52,970	69,918	61,303	59,711	63,175	62,629	60,337	61,674	59,742	58,227	728,701
CNC	54,265	37,800	27,687	47,297	52,243	51,672	47,059	38,338	0	2,187	43,054	56,396	457,998
N2000	53,585	49,161	18,530	31,097	59,059	52,415	61,012	62,315	59,178	61,469	60,245	60,845	628,911
AUM-NH3	0	0	6,857	48,555	48,187	48,187	58,256	60,681	58,717	60,877	57,344	62,136	509,797
TOTAL	486,454	408,614	380,008	474,557	498,055	398,418	513,811	508,128	414,086	410,007	453,807	547,849	5,493,794
Production of Urea (MT)	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
PCS (Urea)	31,499	63,232	62,658	62,619	63,160	34,850	62,559	63,269	60,918	55,257	59,766	63,073	682,860

Export of Ammonia (MT)	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
YARA	24,684	41,291	0	36,482	16,603	36,534	28,005	16,607	16,601	7,932	24,753	24,767	274,259
Tringen I	28,623	36,612	42,672	24,682	24,675	49,511	41,379	49,446	40,672	24,769	41,291	35,603	439,935
Tringen II	56,145	4,182	45,463	26,413	52,487	45,574	40,720	30,940	53,554	66,557	28,963	45,819	496,817
PCS (01,02,03 & 04)	112,057	192,360	161,772	128,441	129,552	88,923	110,526	165,032	93,728	88,134	73,119	139,681	1,483,325
PLNL	102,014	47,885	70,103	61,140	61,154	62,296	42,609	76,677	58,006	70,607	70,607	35,477	758,576
CNC	60,161	29,088	31,791	46,841	28,112	63,751	63,354	10,250	25,689	5,747	32,565	47,786	445,135
N2000	66,045	21,003	48,519	32,216	55,482	101,457	163,969	86,176	141,944	127,125	60,163	90,527	994,626
AUM-NH3	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	449,729	372,421	400,320	356,215	368,065	448,046	490,562	435,128	430,194	390,871	331,461	419,661	4,892,673
Export of Urea (MT)	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
PCS (Urea)	44,555	61,388	80,952	49,372	25,899	74,811	48,647	85,633	62,822	15,541	67,153	80,114	696,887

<u>Table 5C - Production and Export of Methanol in 2009 (MT)</u>

Production of Methanol (MT)	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
TTMC I	32,851	30,676	27,702	32,452	37,328	29,483	35,975	36,292	20,918	37,111	39,800	42,774	403,362
CMC	49,377	45,096	49,786	48,091	33,474	48,072	49,333	49,633	47,491	48,955	48,082	49,702	567,092
TTMC II	49,342	44,414	42,878	24,107	51,420	48,272	51,186	51,239	49,332	47,208	49,730	47,649	556,777
MIV	46,378	41,547	41,025	44,234	43,369	41,262	39,018	30,359	33,595	50,946	47,068	48,768	507,570
Titan	76,928	69,388	76,183	75,225	76,916	12,956	32,137	79,296	76,256	32,111	76,347	79,532	763,275
Atlas	19,293	142,145	162,545	108,171	166,574	161,111	154,121	142,833	110,024	154,829	151,453	136,598	1,609,697
M5000	75,973	135,375	155,032	150,575	110,355	150,333	155,727	159,624	150,245	159,737	151,451	158,048	1,712,475
TOTAL	350,142	508,641	555,151	482,855	519,436	491,489	517,497	549,276	487,861	530,897	563,931	563,071	6,120,247

Export of Methanol (MT)	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
TTMC I	31,783	25,528	22,073	46,607	46,715	31,558	30,989	29,924	19,819	33,706	37,195	42,727	398,624
CMC	92,723	119,121	166,278	144,893	124,522	221,049	293,835	244,956	272,394	158,363	183,431	152,058	2,173,623
TTMC II	54,048	39,984	68,630	59,861	113,783	56,457	27,983	15,093	15,235	36,289	38,082	7,040	532,485
MIV	0	0	0	0	0	0	0	0	0	0	0	0	0
Titan	131,050	64,777	53,554	101,080	161,082	21,826	28,298	67,485	84,117	33,511	77,396	60,553	884,729
Atlas	85,673	127,366	135,276	141,941	73,782	146,056	184,936	117,015	118,164	165,819	151,725	127,925	1,575,678
M5000	63,238	68,252	59,374	89,547	73,996	0	0	0	0	56,857	101,669	90,185	603,117
TOTAL	458,515	445,028	505,185	583,929	593,880	476,946	566,041	474,473	509,729	484,545	589,498	480,487	6,168,256

Table 5D - Production of LNG from ALNG in 2009 (M<sup>3</sup>)

		Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
LNG	Train 1	690,605	613,421	580,037	516,194	670,844	583,130	607,243	603,673	132,056	607,220	659,989	706,075	6,970,487
Production	Train 2	739,089	653,851	723,891	698,818	667,608	653,896	568,910	700,827	696,798	686,322	705,077	730,712	8,225,799
(M^3)	Train 3	717,623	667,234	712,231	705,339	698,005	682,535	693,389	590,519	699,724	679,821	662,936	716,274	8,225,630
	Train 4	672,693	866,042	924,622	829,987	937,808	915,880	600,487	941,039	953,117	886,672	956,935	987,857	10,473,139
	TOTAL	2,820,010	2,800,548	2,940,781	2,750,338	2,974,265	2,835,441	2,470,029	2,836,058	2,481,695	2,860,035	2,984,937	3,140,918	33,895,055

Table 5E - LNG and NGL Sales, Deliveries & Redeliveries from ALNG in 2009 (MMBTU & BBLS)

		Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
LNG Sales	Train 1	15,579,569	11,945,812	13,491,082	12,227,153	17,570,749	18,029,283	11,690,900	8,842,466	8,901,701	11,667,274	14,831,048	17,827,832	162,604,869
&	Train 2	16,660,077	17,445,410	14,170,319	16,701,649	13,631,903	15,208,475	14,512,489	11,624,450	16,857,067	15,586,915	15,698,018	18,935,287	187,032,059
Deliveries	Train 3	16,154,708	13,867,947	17,638,638	17,215,682	10,701,675	18,692,648	13,194,206	20,304,316	10,680,506	18,677,067	12,412,865	18,891,895	188,432,153
(MMBTU)	Train 4*	15,156,983	18,982,496	20,423,510	21,252,032	21,828,214	15,212,582	15,304,083	23,067,662	18,425,944	21,272,671	22,042,998	15,247,429	228,216,604
	TOTAL	63,551,337	62,241,665	65,723,549	67,396,516	63,732,541	67,142,988	54,701,678	63,838,894	54,865,218	67,203,927	64,984,929	70,902,443	766,285,685
NGL	Train 1	207,357	191,483	181,305	167,198	205,421	190,152	203,526	197,714	43,295	192,310	215,955	229,948	2,225,664
Sales &	Train 2	86,266	78,779	92,724	94,877	113,186	89,620	46,866	97,729	94,034	81,601	87,340	84,215	1,047,237
Deliveries	Train 3	181,094	176,441	189,587	185,845	146,009	186,323	208,380	159,542	184,766	172,141	180,320	198,127	2,168,575
(BBLs)	Train 4*	182,665	233,376	271,776	239,116	254,201	241,017	167,858	249,902	232,931	226,039	263,031	259,013	2,820,925
	TOTAL	657,382	680,079	735,392	687,036	718,817	707,112	626,630	704,887	555,026	672,091	746,646	771,303	8,262,401

NOTES: Local NGL sales from ALNG are to mainly PPGPL. Local NGL deliveries are to Petrotrin. Sold & delivered NGL volumes have been included in both PPGPL's & Petrotrin's production data.

Train 4 \* - LNG & NGL Redeliveries to owners of input gas