



Department of Petroleum Resources

2011 OIL & GAS ANNUAL REPORT

Table of Content

1	UPSTREAM	Page 9
4.1.1		Page 9
4.1.2		Page 17
4.1.3		Page 21
4.1.4		Page 22
4.1.5		Page 24
4.1.6		Page 25
2	MIDSTREAM	Page 38
4.2.1		Page 38
4.2.2		Page 42
4.2.3		Page 45
4.2.4		Page 46
4.2.5		Page 46
4.2.6		Page 47
3	DOWNSTREAM	Page 48
4.3.1		Page 48
4.3.2		Page 58
4.3.3		Page 62
4.3.4		Page 62
4	HEALTH, SAFETY AND ENVIRONMENT	Page 62

Table of Content

4.4 1		Page 62
4.4 2		Page 64
5	REVENUE PERFORMANCE	Page 70
4.5 1		Page 70

List of Tables

Table 1	Page 9
Table 2	Page 10
Table 3	Page 13
Table 4	Page 15
Table 5	Page 16
Table 6	Page 17
Table 7	Page 18
Table 8	Page 18
Table 9	Page 19
Table 10	Page 19
Table 11	Page 20
Table 12	Page 20
Table 13	Page 20
Table 14	Page 21
Table 15	Page 22
Table 16	Page 22
Table 17	Page 22
Table 18	Page 23
Table 19	Page 23
Table 20	Page 23
Table 21	Page 24
Table 22	Page 24
Table 23	Page 24
Table 24	Page 24
Table 25	Page 24
Table 26	Page 25
Table 27	Page 25
Table 28	Page 25
Table 29	Page 26
Table 30	Page 27
Table 31	Page 27
Table 32	Page 28
Table 33	Page 29
Table 34	Page 31
Table 35	Page 31
Table 36	Page 31
Table 37	Page 33
Table 38	Page 33
Table 39	Page 34
Table 40	Page 35
Table 41	Page 36
Table 42	Page 37
Table 43	Page 38
Table 44	Page 39
Table 45	Page 40
Table 46	Page 41
Table 47	Page 41
Table 48	Page 42
Table 49	Page 43
Table 50	Page 43
Table 51	Page 44
Table 52	Page 45
Table 53	Page 45
Table 54	Page 45
Table 55	Page 46
Table 56	Page 46

List of Tables

Table 57	Page 46
Table 58	Page 46
Table 59	Page 46
Table 60	Page 47
Table 61	Page 47
Table 62	Page 48
Table 63	Page 50
Table 64	Page 51
Table 65	Page 52
Table 66	Page 52
Table 67	Page 53
Table 68	Page 55
Table 69	Page 55
Table 70	Page 56
Table 71	Page 58
Table 72	Page 58
Table 73	Page 60
Table 74	Page 60
Table 75	Page 62
Table 76	Page 62
Table 77	Page 62
Table 78	Page 62
Table 79	Page 63
Table 80	Page 63
Table 81	Page 63
Table 82	Page 64
Table 83	Page 64
Table 84	Page 65
Table 85	Page 66
Table 86	Page 66
Table 87	Page 66
Table 88	Page 66
Table 89	Page 67
Table 90	Page 67
Table 91	Page 67
Table 92	Page 67
Table 93	Page 68
Table 94	Page 68
Table 95	Page 68
Table 96	Page 68
Table 97	Page 69
Table 98	Page 69
Table 99	Page 70

List of Figures

Figure 1	Page 10
Figure 2	Page 10
Figure 3	Page 13
Figure 4	Page 13
Figure 5	Page 15
Figure 6	Page 15
Figure 7	Page 15
Figure 8	Page 16
Figure 9	Page 18
Figure 10	Page 18
Figure 11	Page 19
Figure 12	Page 19
Figure 13	Page 20
Figure 14	Page 20
Figure 15	Page 20
Figure 16	Page 20
Figure 17	Page 20
Figure 18	Page 21

List of Figures

Figure 19	Page 23
Figure 20	Page 24
Figure 21	Page 24
Figure 22	Page 27
Figure 23	Page 27
Figure 24	Page 29
Figure 25	Page 31
Figure 26	Page 33
Figure 27	Page 38
Figure 28	Page 38
Figure 29	Page 41
Figure 30	Page 43
Figure 31	Page 47
Figure 32	Page 50
Figure 33	Page 51
Figure 34	Page 55
Figure 35	Page 55
Figure 36	Page 55
Figure 37	Page 55
Figure 38	Page 58
Figure 39	Page 60
Figure 40	Page 62
Figure 41	Page 62
Figure 42	Page 63
Figure 43	Page 63
Figure 44	Page 64
Figure 45	Page 64
Figure 46	Page 66
Figure 47	Page 66
Figure 48	Page 66
Figure 49	Page 69
Figure 50	Page 70
Figure 51	Page 70

1. REMARKS FROM DIRECTOR OF PETROLEUM RESOURCES

Globally, energy discourses in many fora have centred on energy security, sustainability, climate change and impact of global oil markets on developing countries: producers and consumers alike. Recently, the Federal Government of Nigeria reiterated its commitment to resolving its energy challenges and harnessing the potentials toward energy prosperity for her citizenry. This is to ensure that Nigeria remains a competitive supplier of energy as it strives to deepen its energy utilization and domestication to facilitate economic diversification to other sectors.

This year's Nigeria Annual Oil and Gas Industry Report (NOGIAR) contains expository data detailing the activities across the oil and gas value chain in the period under review. The upstream industry performance is seen to be steady with marginal improvement. The aggregate hydrocarbon reserves are about 37 billion barrels of oil and condensate while 199 trillion cubic feet for gas reserves. This is an increase of about 0.08% and 0.85% year-on-year (y-o-y) respectively. Contractual arrangements account for about 23% of the nation's hydrocarbon reserves, while Joint Venture (JV) arrangements account for approximately 62% of the aggregate concessionary reserves. Interestingly, 45% of Nigeria's aggregate reserves resides in the offshore terrain while about 26% are on land. Swampy terrain accounts for the remaining 29%.

In the period under review, production capacity marginally increased by 3% (y-o-y) to an average 754 million barrels of oil in 2018. In the last 5 years, contractual arrangements production capacity has steadily increased, averaging 3% growth, to account for about 35% of total production. JV arrangements contributed about 52% of aggregate production in the preceding year. This is an average 3.5% decline over the last 5 years. Non-International Oil Companies' production capacity accounts for about one-eighth of aggregate production. This is an 8.6% and 1.9% asset growth in the last 5 years for Independent and Marginal field producers, respectively. The depletion and reserves replacement rate y-o-y averaged 2.04% and 4.00% respectively. Currently, the reserves life index stands at about 49 years.

Gas reserves has been on the incline from 2013 and is projected to continue to grow at a conservative rate of about 1.0%. In the review period, gas development picked up to six (6) NAG development plans from 2 NAG development plans in 2017. This is attributable to growing commitments to gas projects. The Domestic Supply Obligation (DSO) performance was about 48.0%. The national gas capacity performance for 2018 was about 80.0% with an average of 1.3 BSCF/D gas delivery to the domestic market.

Overall, gas utilization in the country for 2018 shows the export market accounting for 41%, field/plant use accounts for 31%, domestic market is about 17% and flare gas is about 11%. The zero routine gas flaring target in 2020 is vigorously being pursued by the Department. The impact of regulatory instruments such as Flare Gas (Prevention of Waste and Pollution) Regulations 2018 would undoubtedly facilitate the attainment of the zero flare elimination target and improve gas utilization in the coming years. The Department continues to drive the on-going implementation of the Nigerian Gas Transportation Network Code (NGTNC). The review of the Network Code licensing framework and development of all its ancillary agreements have been firmed preparatory to formal launch in 2019.

Gas utilization is being deepened by increasing liquefied petroleum gas (LPG) penetration. LPG consumption increased by about 16.0% year on year. A total of 364 LPG plant licenses and approvals were issued in 2018. This is expected to give about 15.0% rise in the nation's LPG consumption based on storage capacity. Safety and environmental compliance performance in the review year shows a declining path. Incidents and fatal accidents are mainly due to petroleum tanker truck accident and gas plant explosions.

In conclusion, this annual report is put together to acquaint our stakeholders with relevant reliable data on the 2018 operations of the Nigerian oil and gas industry, with a little more focus on the near virgin but attractive midstream sector. The data in the NOGIAR report would aid investors in making informed decisions on the Nigeria oil and gas industry investment opportunities. It would also provide researchers, academia and planners with updated knowledge and information on the developments in the industry. The Department would continue in its transparency

commitment in providing reliable and high-quality data to the public. It is our hope that this edition would enrich policies, plans and studies on the industry thereby facilitating value creation and addition to all stakeholders.

A. R. Shakur

2. REGULATORY STRUCTURE OF THE NIGERIAN OIL AND GAS INDUSTRY

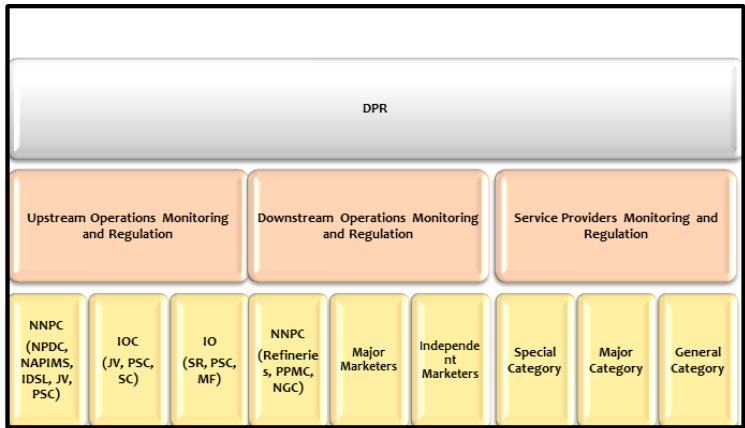


Figure 1: The Nigeria Oil and Gas Industry

Department of Petroleum Resources is the regulatory agency of the oil and gas industry in Nigeria. Specifically, the roles of the Department include:-

1. Conservation of Nigeria's Hydrocarbon Resources
2. Regulation and Monitoring of industry activities to ensure compliance with best standards & practices
3. Ensure safe, and environmentally sustainable development of the oil and gas operations' activities
4. Maintenance and administration of the national repository for archiving and retrieval of oil and gas data
5. Administration & management of acreages and concessions
6. Implementation of all government policies.

3. MAKING MODULAR (MINI) REFINERIES WORK

In the face of dependency on importation for petroleum products availability, attempts by the Nigerian Government to encourage local private investments in refining of crude oil in the past had yielded very low success. The present government has launched new initiatives to encourage establishment of modular (mini) refineries as a short-term solution to the product supply problem. A study of the modular (mini) refinery project shows that it is a viable project even in the event of competing with mega refineries in the same market (though the margin may become very low under this situation). In order to meet government's aspiration of making Nigeria a crude oil refining hub, government has provided conducive environment and incentives to make mini (modular) refinery projects more attractive. This article evaluates the progress status in the establishment of modular refineries in Nigeria while identifying the major challenges being faced with recommended solutions.

Nigeria's four state-owned refineries with a plate capacity of 445,000 barrels per stream day have continued to perform far below capacity. Over eighty percent of the petroleum products consumed in Nigeria is imported¹. The pump prices of these products except Automotive Gas Oil (Diesel) are subsidized by the government. It is believed that the Federal Government of Nigeria spends over 200 billion Naira every year to subsidized petroleum products. These monies would have been used to provide infrastructure or provide better quality education or health facilities. A conservative estimate suggests that 55 million barrels of petroleum products are consumed daily in Nigeria at the ratio of 35:12:8 for PMS, AGO and DPK respectively. Analysis also shows that at the current demand growth rate, we will need to process 750,000 barrels of crude per day to meet the nation's demand for petroleum product by 2020¹. There is currently a deficit 2.6 million barrels per stream day between demand and supply of petroleum products in Africa².

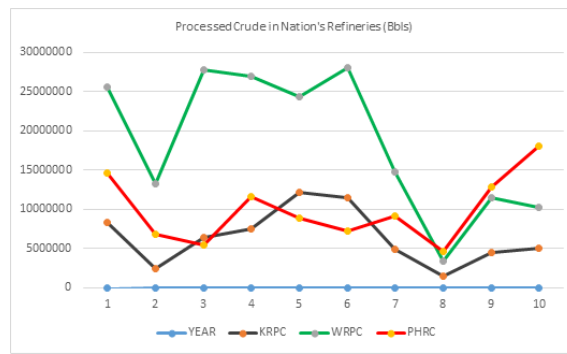


Figure 2: Crude oil processed in Nigeria's refineries between 2008 and 2017

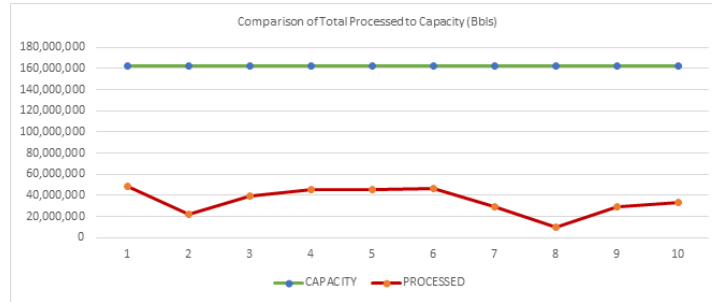


Figure 3: Comparison of the total crude processed to capacity of the nation's refineries (2008 – 2017)

In order to ensure regular supply of petroleum product for domestic consumption and provide veritable platforms for Nigerians and investors to take advantage of these opportunities, the Federal Government has launched some initiatives to support the establishment of private mini (modular) refineries. These initiatives include:

- The “7 Big Wins” Initiative (2015 – 2019). The initiative captured the short and medium-term priorities to grow Nigeria’s Oil and Gas Industry. It proffers a roadmap for developing a stable and enabling oil and gas landscape with improved transparency, efficiency, stable investment climate, and a well-protected environment. The “Big Win 4” focuses on expansion of domestic refining capacity and rehabilitation of existing refineries.
- The National Petroleum and Gas Policies. The National Gas Policy was approved by the Federal Executive Council on the 28th day of June 2017. This was followed immediately by the approval of the National Petroleum policy on the 19th day of July 2017. These policies provide the framework for creation of strong refining hub in Nigeria, divestment of government-owned refineries, co-location of brownfield refineries with existing refineries and construction of private refineries.

The Mini (Modular) Refinery Project:

A modular refinery is a prefabricated crude oil processing plant constructed on skid mounted surfaces, with each structure containing a portion of the entire refining process plant, with by interstitial piping to form an easily manageable process. Technically, a modular refinery could be either simple or complex, with capacity ranging from 100 bpsd to 10,000 bpsd. They are however not defined by size. They can be transported in modules across distances and put together at the location desired. The other advantages of modular refineries include short project completion time, relatively small overall project cost, provides quicker investment return, can be installed in small space and could be designed towards petroleum product need around its location.

Attempts to construct private refineries in Nigeria started in 1990 with the call for indigenous private participation in crude oil refining by the government. Between 1990 and 2000, the Department of Petroleum Resources received over 100 applications. From 2001 to 2007, the 3-Stage Licensing (License to Establish - LTE, Approval to Construct - ATC and License to Operate - LTO) process, which is still in use to date was adopted. About 105 applications were received during the period, leading to grant of 21 LTEs in 2002 and 17 ATCs in 2004. Between 2008 and 2011, focus was placed more on mini (modular) refineries. Nine (9) LTEs were granted and two plants were fabricated, but only the 1,000 bpsd capacity Niger Delta Petroleum Resources refinery at Ogbelle River State was commissioned. From 2012 to date, about 34 LTEs have been granted for mini(modular) refinery projects; six (6) of these companies have been granted ATCs and are at different levels of construction.

The success rate of establishment of mini(modular) refineries in Nigeria is low; only one modular refinery has been commissioned since 2008 out of about 43 LTEs issued. However, in the last two years, construction of 7,000 bpsd OPAC Refinery in Umuseti, Delta State and 10,000 bpsd Niger Delta Petroleum Resources Refinery expansion project in Ogbelle, Rivers State started off and are near completion owing to the implementation of government policies and the support from the Department of Petroleum Resources. A few other modular refinery projects, namely Edo Refinery, Ikpoba Okha; Petrolex Refinery, Ijebu Ode; African Refinery, Port Harcourt and Southfield Refinery, Ologbo have either completed detailed engineering, secured modules to relocate or the equipment are being fabricated at the manufacturers yard.

Using Bonny Light Crude as an example, If the buying of the crude and the selling of the products are done using international prevailing prices, it is possible to show that the operation of the plant is profitable using the RefTexas Yield / Profit calculator for a 10,000 bpsd mini(modular) topping refinery that processes Bonny Light crude oil into naphta, diesel and fuel oil.

Figure 4: Yield /Profit Calculation for a 10,000 bpsd mini refinery

Concession	Contract Type	Area (Sq.km)	Equity Distribution	Basin/Terrain	Operator	Date Of Grant	License Expiration
OML29	Joint Venture (JV)	983		Niger Delta - Onshore	AITEO E&P CO	17/1/1989	30-06-2019
OML120	Sole Risk (SR)	910		Niger Delta - Deep Offshore	ALLIED ENERGY RESOURCES NIGERIA LTD	27-02-2001	26-02-2021
OML121	Sole Risk (SR)	885		Niger Delta - Deep Offshore	ALLIED ENERGY RESOURCES NIGERIA LTD	27-02-2001	26-02-2021
OML112	Sole Risk (SR)	438		Niger Delta - Continental Shelf	AMNI INTERNATIONAL DEVELOPMENT CO.	12/2/1998	12/2/2018
OML117	Sole Risk (SR)	51		Niger Delta - Continental Shelf	AMNI INTERNATIONAL DEVELOPMENT CO.	6/8/1999	5/8/2019
OML52	Joint Venture (JV)	247		Niger Delta - Onshore	AMNI INTERNATIONAL DEVELOPMENT CO.	14-06-1997	13-06-2027
OML109	Sole Risk (SR)	772		Niger Delta - Continental Shelf	ATLAS PETROLEUM INTERNATIONAL LTD	25-05-1996	24-05-2016
OML55	Joint Venture (JV)	849		Niger Delta - Onshore	BELEMA	14-06-1997	13-06-2027
OML110	Sole Risk (SR)	966		Niger Delta - Continental Shelf	CAVENDISH PETROLEUM NIGERIA LIMITED	7/8/1996	6/8/2016
OML49	Joint Venture (JV)	1707		Niger Delta - Onshore	CHEVRON NIGERIA LTD.	14-06-1997	13-06-2027
OML51	Joint Venture (JV)	145		Niger Delta - Onshore	CHEVRON NIGERIA LTD.	14-06-1997	13-06-2027
OML89	Joint Venture (JV)	364		Niger Delta - Continental Shelf	CHEVRON NIGERIA LTD.	18-08-2014	17-08-2034
OML91	Joint Venture (JV)	157		Niger Delta - Continental Shelf	CHEVRON NIGERIA LTD.	18-08-2014	17-08-2034
OML86	Joint Venture (JV)	385		Niger Delta - Continental Shelf	CHEVRON NIGERIA LTD.	18-08-2014	17-08-2034
OML88	Joint Venture (JV)	773		Niger Delta - Continental Shelf	CHEVRON NIGERIA LTD.	18-08-2014	17-08-2034
OML90	Joint Venture (JV)	653		Niger Delta - Continental Shelf	CHEVRON NIGERIA LTD.	18-08-2014	17-08-2034
OML95	Joint Venture (JV)	1217		Niger Delta - Continental Shelf	CHEVRON NIGERIA LTD.	18-08-2014	17-08-2034
OML132	Production Sharing Contract (PSC)	804		Niger Delta - Deep Offshore	CHEVRON NIGERIA LTD.	20-12-2005	19-12-2025
OML131	Production Sharing Contract (PSC)	1210		Niger Delta - Deep Offshore	OANDO PLC	24-04-2005	23-04-2025
OML103	Sole Risk (SR)	914		Niger Delta - Onshore	CONOIL PRODUCING LTD	2/6/1993	1/6/2013
OML136	Sole Risk (SR)	1295		Niger Delta - Continental Shelf	CONOIL PRODUCING LTD	27-07-2006	26-07- 2026
OML59	Sole Risk (SR)	836		Niger Delta - Onshore	CONTINENTAL OIL AND GAS LTD.	6/6/1998	5/6/2018
OML149	Production Sharing Contract (PSC)	428		Niger Delta - Onshore	CONTINENTAL OIL AND GAS LTD.	10/3/2016	9/3/2036

Concession	Contract Type	Area (Sq.km)	Equity Distribution	Basin/Terrain	Operator	Date Of Grant	License Expiration
N/A	Sole Risk (SR)	221		Niger Delta - Onshore	DUBRI OIL COMPANY	2/5/2013	1/5/2033
	Production Sharing Contract (PSC)	656		Niger Delta - Deep Offshore	TOTAL E&P	17-05-2007	16-05-2017
OML139	Production Sharing Contract (PSC)	656		Niger Delta - Deep Offshore	TOTAL E&P	17-05-2007	16-05-2017
OML99	Joint Venture (JV)	171		Niger Delta - Continental Shelf	TOTAL E&P	2/5/2013	1/5/2033
OML100	Joint Venture (JV)	179		Niger Delta - Continental Shelf	TOTAL E&P	2/5/2013	1/5/2033
OML102	Joint Venture (JV)	796		Niger Delta - Continental Shelf	TOTAL E&P	2/5/2013	1/5/2033
OML58	Joint Venture (JV)	518		Niger Delta - Onshore	TOTAL E&P	14-06-2007	13-06-2027
	Sole Risk (SR)	1295		Niger Delta - Onshore	EMERALD ENERGY RESOURCES LIMITED	8/11/2007	7/8/2027
OML148	Production Sharing Contract (PSC)	870		Niger Delta - Onshore	ENAGEED RESOURCES LIMITED	15-05-2015	14-05-2035
OML18	Joint Venture (JV)	1035		Niger Delta - Onshore	EROTON E&P CO	1/7/2009	30-06-2019
OML133	Production Sharing Contract (PSC)	1100		Niger Delta - Deep Offshore	ESSO EXPLORATION	8/2/2006	7/2/2026
OML145	Production Sharing Contract (PSC)	1293		Niger Delta - Deep Offshore	ESSO EXPLORATION	30-05-2014	29-05-2034
	Sole Risk (SR)	759		Niger Delta - Continental Shelf	EXPRESS PET AND GAS CO LTD	1/11/1995	31-10-2015
OML83	Joint Venture (JV)	109		Niger Delta - Continental Shelf	FIRST ARIES PETROLEUM LTD.	18-08-2014	17-08-2034
OML85	Joint Venture (JV)	515		Niger Delta - Continental Shelf	FIRST ARIES PETROLEUM LTD.	18-08-2014	17-08-2034
OML71	Joint Venture (JV)	730		Niger Delta - Continental Shelf	WAEP/ Dangote	18-12-2014	17-12-2034
OML72	Joint Venture (JV)	1129		Niger Delta - Continental Shelf	WAEP/ Dangote	18-12-2014	17-12-2034
OML149	Production Sharing Contract (PSC)	941		Niger Delta - Onshore	GLOBAL ENERGY COMPANY LIMITED	5/2/2015	4/2/2035
OML149	Production Sharing Contract (PSC)	171		Niger Delta - Continental Shelf	GLOBAL ENERGY COMPANY LIMITED	10/3/2016	9/3/2036
OML127	Sole Risk (SR)	1281		Niger Delta - Deep Offshore	STAR DEEPWATER	25-11-2004	24-11-2024
OML104	Joint Venture (JV)	675		Niger Delta - Continental Shelf	MOBIL PRODUCING NIGERIA UNLTD	14-01-1998	13-01-2018
OML67	Joint Venture (JV)	119		Niger Delta - Continental Shelf	MOBIL PRODUCING NIGERIA UNLTD	11/3/2011	10/3/2031
OML68	Joint Venture (JV)	119		Niger Delta - Continental Shelf	MOBIL PRODUCING NIGERIA UNLTD	11/3/2011	10/3/2031
OML70	Joint Venture (JV)	1250		Niger Delta - Continental Shelf	MOBIL PRODUCING NIGERIA UNLTD	11/3/2011	10/3/2031
OML114	Sole Risk (SR)	464		Niger Delta - Continental Shelf	MONI PULO LTD	3/1/1999	02-01-2019
OML24	Joint Venture (JV)	162		Niger Delta - Onshore	NEWCROSS E&P CO	1/7/2009	30-06-2019
OML149	Production Sharing Contract (PSC)	990		Niger Delta - Onshore	NEWCROSS E&P CO	14-03-2017	13-03-2037
	Production Sharing Contract (PSC)	1131		Niger Delta - Deep Offshore	NIGERIAN AGIP ENERGY (NAE)	31-05-2006	30-05-2026
OML125	Production Sharing Contract (PSC)	1219		Niger Delta - Deep Offshore	NIGERIAN AGIP ENERGY (NAE)	2/1/2003	1/1/2023
OML60	Sole Risk (SR)	358		Niger Delta - Onshore	NIGERIAN AGIP OIL COMPANY	14-06-1997	13-06-2027
OML61	Sole Risk (SR)	1500		Niger Delta - Onshore	NIGERIAN AGIP OIL COMPANY	14-06-1997	13-06-2027
OML62	Sole Risk (SR)	1211		Niger Delta - Onshore	NIGERIAN AGIP OIL COMPANY	14-06-1997	13-06-2027
OML63	Sole Risk (SR)	2246		Niger Delta - Onshore	NIGERIAN AGIP OIL COMPANY	14-06-1997	13-06-2027
OML16	Service Contract (SC)	360		Niger Delta - Continental Shelf	AGIP ENERGY & NATURAL RESOURCES (AENR)	6/8/1979	5/8/2019
OML126	Production Sharing Contract (PSC)	705		Niger Delta - Continental Shelf	ADDAX EXPLORATION	25-11-2004	24-11-2024
OML137	Production Sharing Contract (PSC)	849		Niger Delta - Continental Shelf	ADDAX EXPLORATION	23-04-2007	22-04-2027
OML123	Production Sharing Contract (PSC)	401		Niger Delta - Continental Shelf	ADDAX EXPLORATION	14-08-2002	13-04-2022
OML124	Production Sharing Contract (PSC)	300		Niger Delta - Onshore	ADDAX EXPLORATION	14-08-2002	13-04-2022
OML40	Sole Risk (SR)	498		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	1/7/1989	30-06-2019
OML42	Sole Risk (SR)	814		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	1/7/1989	30-06-2019
OML26	Sole Risk (SR)	165		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	1/7/1989	30-06-2019
OML34	Sole Risk (SR)	950		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	1/7/1989	30-06-2019
OML119	Sole Risk (SR)	715		Niger Delta - Continental Shelf	NIGERIA PET. DEV. CO. (NPDC)	31-10-2000	30-10-2020
OML111	Sole Risk (SR)	461		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	6/18/1905	7/8/1905
OML64	Sole Risk (SR)	278		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	-09-1989	1/9/1900
OML65	Sole Risk (SR)	1019		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	-09-1989	1/9/1900
OML66	Sole Risk (SR)	204		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	7/9/1989	6/9/2019
OML13	Sole Risk (SR)	1988		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	20-12-2016	19-12-2036
OML30	Joint Venture (JV)	1097		Niger Delta - Onshore	NPDC/ SHORELINE NATURAL RESOURCES	1/7/1989	30-06-2019
OML14	Sole Risk (SR)	1220		Niger Delta - Deep Offshore	OIL AND GAS NIGERIA LIMITED	18-07-07	17-07-2027
OML115	Sole Risk (SR)	310		Niger Delta - Continental Shelf	ORIENTAL ENERGY RESOURCES	20-5-1999	19-5-2019
OML98	Joint Venture (JV)	523		Niger Delta - Onshore	PANOCEAN OIL CORPORATION NIG	-06-1976	7/7/2018
OML145	Production Sharing Contract (PSC)	544		Niger Delta - Onshore	PANOCEAN OIL CORPORATION NIG	23-10-2014	22-10-2034
OML122	Sole Risk (SR)	1295		Niger Delta - Continental Shelf	PEAK PETROLEUM INDUSTRIES NIGERIA LIMITED	17-05-2001	16-05-2021
OML4	Sole Risk (SR)	267		Niger Delta - Onshore	SEPLAT PRODUCTION AND DEV. CO.	1/7/1989	30-06-2019
OML38	Sole Risk (SR)	2152		Niger Delta - Onshore	SEPLAT PRODUCTION AND DEV. CO.	1/7/1989	30-06-2019
OML41	Sole Risk (SR)	291		Niger Delta - Onshore	SEPLAT PRODUCTION AND DEV. CO.	1/7/1989	30-06-2019
OML53	Joint Venture (JV)	1562		Niger Delta - Onshore	SEPLAT PRODUCTION AND DEV. CO.	14-06-1997	13-06-2027
OML11	Joint Venture (JV)	3097		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML17	Joint Venture (JV)	1301		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML20	Joint Venture (JV)	405		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML21	Joint Venture (JV)	372		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019

Concession	Contract Type	Area (Sq.km)	Equity Distribution	Basin/Terrain	Operator	Date Of Grant	License Expiration
OML22	Joint Venture (JV)	722		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML23	Joint Venture (JV)	483		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML25	Joint Venture (JV)	429		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML27	Joint Venture (JV)	165		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML28	Joint Venture (JV)	936		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML31	Joint Venture (JV)	1097		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML32	Joint Venture (JV)	565		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML33	Joint Venture (JV)	336		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML35	Joint Venture (JV)	1144		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML36	Joint Venture (JV)	338		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML43	Joint Venture (JV)	767		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML45	Joint Venture (JV)	76		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML46	Joint Venture (JV)	1080		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML74	Joint Venture (JV)	1324		Niger Delta - Continental Shelf	SHELL PETROLEUM DEVELOPMENT CO.	18-12-2014	17-12-2034
OML77	Joint Venture (JV)	962		Niger Delta - Continental Shelf	SHELL PETROLEUM DEVELOPMENT CO.	18-12-2014	17-12-2034
OML79	Joint Venture (JV)	970		Niger Delta - Continental Shelf	SHELL PETROLEUM DEVELOPMENT CO.	18-12-2014	17-12-2034
OML118	Production Sharing Contract (PSC)	1167		Niger Delta - Deep Offshore	SHELL NIG. E&P CO. (SNEPCO)	28-11-2005	27-11-2025
OML135	Production Sharing Contract (PSC)	926		Niger Delta - Deep Offshore	SHELL NIG. E&P CO. (SNEPCO)	3/7/2006	2/7/2026
OML130	Sole Risk (SR)	1295		Niger Delta - Deep Offshore	SOUTH ATLANTIC PETROLEUM LIMITED	25-04-2005	24-04-2025
OML127	Production Sharing Contract (PSC)	1198		Niger Delta - Deep Offshore	STAT OIL	28-12-2004	27-12-2024
OML129	Production Sharing Contract (PSC)	1023		Niger Delta - Deep Offshore	STAT OIL	28-12-2004	27-12-2024
OML142	Sole Risk (SR)	1295		Anambra Basin - Onshore	SUMMIT OIL INTERNATIONAL	12/6/2009	11/6/2029
OML144	Sole Risk (SR)	96		Niger Delta - Continental Shelf	SUNLINK PETROLEUM	2/5/2013	1/5/2033
OML145	Production Sharing Contract (PSC)	29		Niger Delta - Onshore	STERLING OIL EXP&ENERGY PROD. CO. LTD (SEEPKO)	25-10-2014	24-10-2034
OML143	Production Sharing Contract (PSC)	369		Niger Delta - Onshore	STERLING OIL EXP&ENERGY PROD. CO. LTD (SEEPKO)	29-12-2010	28-12-2030
OML113	Sole Risk (SR)	1670		Benin Basin - Continental Shelf	YINKA FOLAWIYO PET CO LTD	1/6/1998	31-05-2018

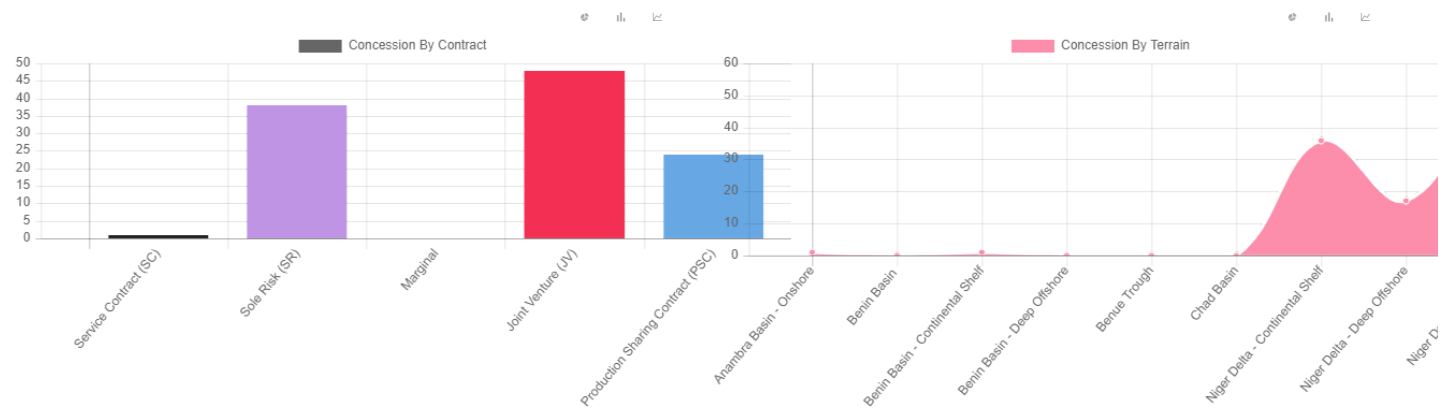


Figure
Distribution of Nigerian OML by Contract Type

Figure
Distribution of Nigerian Concessions by Terrain

Table 3 : Status of Oil Prospecting Licenses (OPLs)

Concession	Contract Type	Area (Sq.km)	Equity Distribution	Basin/Terrain	Operator	Date Of Grant	License Expiration
OPL907	Production Sharing Contract (PSC)	2498		Anambra Basin - Onshore	AFREN GLOBAL ENERGY RESOURCES LIMITED	6/27/1905	19-02-2018
OPL917	Production Sharing Contract (PSC)	1710		Anambra Basin - Onshore	AFREN GLOBAL ENERGY RESOURCES LIMITED	6/27/1905	19-02-2018
OPL452	Sole Risk (SR)	522		Niger Delta - Onshore	AMALGAMATED OIL CO. LTD.	6/14/1905	24-05-2016
OPL325	Production Sharing Contract (PSC)	1265		Benin Basin - Deep Offshore	ASHBERT OIL & GAS LTD.NPDC/TRAIN-COSY ENERGY	6/27/1905	
OPL286	Production Sharing Contract (PSC)	804		Niger Delta - Deep Offshore	SAHAHRA.BG EXP. NIC LTD.	6/28/1905	7/3/2017
OPL240	Production Sharing Contract (PSC)	48		Niger Delta - Continental Shelf	BOC JNHP CONSORTIUM	6/29/1905	
OPL471	Production Sharing Contract (PSC)	1370		Niger Delta - Continental Shelf	CHINA NATIONAL OIL DEV. CO (CNODC)	6/28/1905	22-04-21017
OPL257	Production Sharing Contract (PSC)	426		Niger Delta - Deep Offshore	CONOIL PRODUCING LTD	6/27/1905	8/2/2016
OPL289	Production Sharing Contract (PSC)	386		Niger Delta - Continental Shelf	CLEANWATERS CONSORTIUM	6/28/1905	22-04-2012

Concession	Contract Type	Area (Sq.km)	Equity Distribution	Basin/Terrain	Operator	Date Of Grant	License Expiration
OPL290	Production Sharing Contract (PSC)	531		Niger Delta - Continental Shelf	CONOIL PRODUCING LTD	6/29/1905	16-10-2013
OPL305	Sole Risk (SR)	1558		Benin Basin	CROWNWELL PETROLEUM LTD	6/15/1905	18-05-20202
OPL306	Sole Risk (SR)	1889		Benin Basin	CROWNWELL PETROLEUM LTD	6/15/1905	18-05-2020
OPL322	Sole Risk (SR)	1789		Niger Delta - Deep Offshore	DAJO OIL LIMITED	30-03- 2004	26-02-2019
OPL204	Sole Risk (SR)	1670		Niger Delta - Onshore	AFRICOIL & MARKETING CO. LTD.	10/8/1993	8/7/2010
OPL251	Production Sharing Contract (PSC)	940		Niger Delta - Deep Offshore	DSV	16-12- 2012	
OPL221	Production Sharing Contract (PSC)	2286		Niger Delta - Deep Offshore	TOTAL E&P	19-11- 2003	18-11-2013
OPL227	Sole Risk (SR)	974		Niger Delta - Continental Shelf	EXPRESS PET AND GAS CO LTD	6/22/1905	2/12/2018
OPL226	Production Sharing Contract (PSC)	1257		Niger Delta - Continental Shelf	ESSAR E&P LIMITED	18-05- 2007	9/3/2015
OPL233	Production Sharing Contract (PSC)	920		Niger Delta - Deep Offshore	ESSO EXPLORATION	19-07- 2005	18-07-2015
OPL235	Sole Risk (SR)	1480		Niger Delta - Onshore	FIRST ARIES PETROLEUM LTD.	10/8/1993	
OPL905	Production Sharing Contract (PSC)	2600		Benin Basin - Deep Offshore	GAS TRANSMISSION & POWER LIMITED	23-04- 2007	22-04-2017
OPL2010	Production Sharing Contract (PSC)	179		Niger Delta - Continental Shelf	GLOBAL ENERGY COMPANY LIMITED	18-05- 2007	29-12-2015
OPL2012	Production Sharing Contract (PSC)	849		Niger Delta - Continental Shelf	GRASSO NIG. LTD.,SIGMUND OIL FIELDS LTD.	16-06- 2012	17-06-2019
OPL247	Sole Risk (SR)	1165		Niger Delta - Deep Offshore	HERITAGE OIL & GAS CO. LTD.	1/3/1900	5/4/2019
OPL252	Production Sharing Contract (PSC)	814		Niger Delta - Deep Offshore	INC NATURAL RESOURCES	6/28/1905	
OPL292	Production Sharing Contract (PSC)	1195		Niger Delta - Deep Offshore	INC NATURAL RESOURCES	6/28/1905	
OPL234	Production Sharing Contract (PSC)	1214		Niger Delta - Onshore	MONI PULO LTD	6/29/1905	15-12-2013
OPL239	Production Sharing Contract (PSC)	65		Niger Delta - Continental Shelf	MONI PULO LTD	6/29/1905	15-12-2013
OPL231	Production Sharing Contract (PSC)	244		Niger Delta - Onshore	MONI PULO LTD	6/29/1905	16-05-2016
OPL276	Production Sharing Contract (PSC)	472		Niger Delta - Onshore	NEWCROSS E&P CO	16-02- 2006	20-01-2017
OPL733	Production Sharing Contract (PSC)	2611		Chad Basin	NEW NIGERIA DEVELOPMENT COMPANY LIMITED	6/27/1905	7/8/2016
OPL809	Production Sharing Contract (PSC)	2581		Benue Trough	NEW NIGERIA DEVELOPMENT COMPANY LIMITED	6/27/1905	7/8/2016
OPL810	Production Sharing Contract (PSC)	2584		Benue Trough	NEW NIGERIA DEVELOPMENT COMPANY LIMITED	6/27/1905	7/8/2016
OPL722	Production Sharing Contract (PSC)	2540		Chad Basin	NEW NIGERIA DEVELOPMENT COMPANY LIMITED	6/27/1905	7/8/2016
OPL244	Production Sharing Contract (PSC)	1700		Niger Delta - Deep Offshore	NIGERIA AGIP EXPL. LTD (NAE),SHELL NIG.ULTRA DEEP LTD.	6/22/1905	19-12-2011
OPL282	Production Sharing Contract (PSC)	695		Niger Delta - Continental Shelf	NIGERIAN AGIP OIL COMPANY	6/27/1905	7/9/2015
OPL291	Production Sharing Contract (PSC)	1287		Niger Delta - Deep Offshore	STARCREST LIMITED	6/28/1905	15-10-2016
OPL702	Sole Risk (SR)	2574		Chad Basin	NNPC.FES	5/20/1905	Not applicable due to section 20 of NNPC Act Cap 320 of LFN 1990
OPL703	Sole Risk (SR)	2772		Chad Basin	NNPC.FES	5/20/1905	
OPL705	Sole Risk (SR)	2547		Chad Basin	NNPC.FES	5/20/1905	
OPL707	Sole Risk (SR)	2582		Chad Basin	NNPC.FES	5/20/1905	
OPL242	Production Sharing Contract (PSC)	1789		Niger Delta - Deep Offshore	NIGERIA PET. DEV. CO. (NPDC)	7/3/2011	
OPL233	Production Sharing Contract (PSC)	126		Niger Delta - Continental Shelf	NIGER DELTA PET. RESOURCES LTD	6/28/1905	29-06-2016
OPL215	Sole Risk (SR)	2586		Niger Delta - Deep Offshore	NOREAST PET. NIG. LTD.	21-10- 1991	20-04-2020
OPL325	Sole Risk (SR)	1652		Niger Delta - Deep Offshore	NOREAST PET. NIG. LTD.	13-05- 1999	
OPL236	Production Sharing Contract (PSC)	1652		Niger Delta - Onshore	OANDO PLC	6/27/1905	7/9/2011
OPL278	Production Sharing Contract (PSC)	92		Niger Delta - Onshore	OANDO PLC	6/27/1905	7/9/2015
OPL241	Production Sharing Contract (PSC)	1257		Niger Delta - Deep Offshore	OILWORLD LIMITED	6/29/1905	9/3/2020

Concession	Contract Type	Area (Sq.km)	Equity Distribution	Basin/Terrain	Operator	Date Of Grant	License Expiration
OPL285	Production Sharing Contract (PSC)	1167		Niger Delta - Deep Offshore	EMO E&P.TOTAL E&P LTD	6/28/1905	22-02-2017
OPL279	Production Sharing Contract (PSC)	1103		Niger Delta - Deep Offshore	EMO E&P.TOTAL E&P LTD	6/28/1905	22-02-2017
OPL297	Production Sharing Contract (PSC)	1290		Niger Delta - Deep Offshore	ONGC - MITTAL ENERGY NIGERIA LTD (OMEL)	6/28/1905	
OPL310	Sole Risk (SR)	1935		Benin Basin - Deep Offshore	OPTIMUM PETROLEUM DEVELOPMENT LIMITED	6/14/1905	9/6/2018
OPL915	Sole Risk (SR)	1195		Anambra Basin - Onshore	ORIENTAL PET. REFINERY LTD.	31-01-2005	29-01-2015
OPL916	Sole Risk (SR)	963		Anambra Basin - Onshore	ORIENTAL PET. REFINERY LTD.		
	Production Sharing Contract (PSC)	1789		Benin Basin - Deep Offshore	ORANTO PETROLEUM LTD.	6/24/1905	16-07-2021
	Production Sharing Contract (PSC)	1023		Niger Delta - Deep Offshore	ORANTO PETROLEUM LTD.	7/7/1905	
OPL284	Production Sharing Contract (PSC)	1131		Niger Delta - Deep Offshore	SAHARA ENERGY E&P	17-07-2006	6/7/2017
OPL228	Production Sharing Contract (PSC)	1915		Niger Delta - Onshore	SAHARA ENERGY E&P	11/5/2007	
OPL245	Sole Risk (SR)	1958		Niger Delta - Deep Offshore	NIGERIA AGIP EXPL. LTD (NAE).SHELL NIG.ULTRA DEEP LTD.	22-12-2003	10/5/2021
OPL206	Sole Risk (SR)	2020		Anambra Basin - Onshore	SUMMIT OIL INTERNATIONAL	6/12/1905	19-01-2014
OPL2005	Production Sharing Contract (PSC)	662		Niger Delta - Onshore	STERLING OIL EXP&ENERGY PROD. CO. LTD	6/29/1905	29-04-2019
OPL2006	Production Sharing Contract (PSC)	662		Niger Delta - Onshore	STERLING OIL EXP&ENERGY PROD. CO. LTD	6/29/1905	29-04-2019
	Production Sharing Contract (PSC)	103		Niger Delta - Onshore	STERLING OIL EXP&ENERGY PROD. CO. LTD	7/8/1905	
OPL2008	Production Sharing Contract (PSC)	41		Niger Delta - Continental Shelf	TENOIL PET. & ENERGY SERVICES LTD.CLAYFORD	6/29/1905	25-05-2016
OPL281	Production Sharing Contract (PSC)	122		Niger Delta - Onshore	TRANSNATIONAL CORPORATION	6/28/1905	1/5/1900
OPL257	Production Sharing Contract (PSC)	234		Niger Delta - Deep Offshore	WAEP/ Dangote	6/29/1905	
OPL292	Production Sharing Contract (PSC)	1218		Niger Delta - Deep Offshore	WAEP/ Dangote	6/29/1905	
OPL248	Production Sharing Contract (PSC)	2448		Niger Delta - Deep Offshore	ZEBBRA ENERGY LIMITED	6/21/1905	1/6/1900

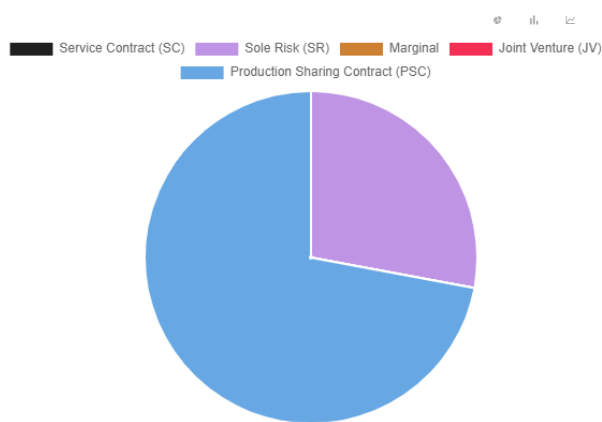


Figure Distribution of Nigerian OPL by Contract Type

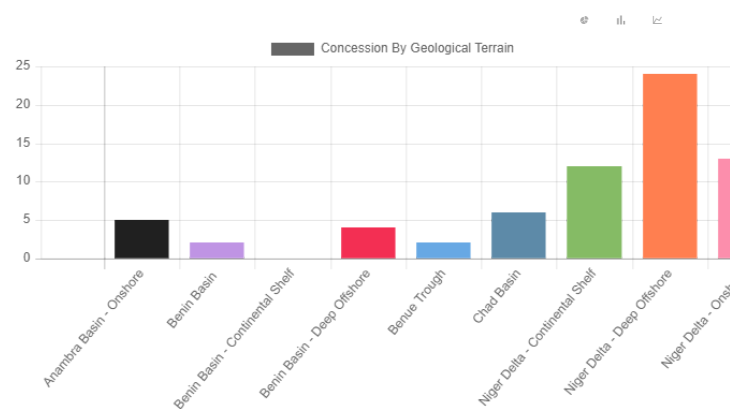


Figure Distribution of Nigerian OPL by Geological Terrain

Table 4 : Summary Of Acreage Situation As At 31 December

Basin	No of OPL Blocks Allocated	No of OML Blocks Allocated	No Of Open Blocks	Total No Of Blocks
TOTAL	0	0	0	0

Figure
Summary of Acreage Situation

Table 5 : List of Marginal Fields

Field Name	Company Name	Block
OGBELLE	NIGER DELTA PET. RESOURCES LTD	OML54
IDU	NIGER DELTA PET. RESOURCES LTD	OML53
AKPO	PRIME EXPLORATTION	OML11
IBOT	ORIENTAL ENERGY RESOURCES	OML67
ATRIA	ORIENTAL ENERGY RESOURCES	OML67
STUBB-CREEK	UNIVERSAL ENERGY	OML13/14
DAWES-ISLAND	EURAFRIC ENERGY LIMITED	OML54
UMUSETI	PILLAR OIL LTD	OML56
ALA	BAYELSA OIL COMPANY LTD	OML46
BENIBOYE SOUTH	MOVIDO E&P LIMITED	OML88
GALISOMA	BICTA ENERGY & MANAGEMENT SYSTEMS LIMITED	OML90
ORORO	GUARANTEE PETROLEUM LIMITED (OPERATOR)	OML95
AZUZUAMA	PLATFORM PETROLEUM	OML38
AMOJIE	SOGENAL LIMITED	OML56
AGBAMI	SOGENAL LIMITED	OML90
ISONSI	MILLENIUM OIL AND GAS LIMITED	OML11
AFIA	YINKA FOLAWIYO PET CO LTD	OML90
IYEDE	NETWORK E&P NIGERIA	OML13
DIBI	WALTERSMITH PETROMAN OIL LIMITED	OML16
UMUSADEGE	MIDWESTER OIL AND GAS CO. LTD./Suntrust Oil Company Limited	OML56
EWOLIGBI	INDEPENDENT ENERGY LIMITED	OML30
KE	DEL SIGMA	OML55
AMENAM - KPONO	ASSOCIATED OIL AND GAS LIMITED (OPERATOR)	OML14
KRAKAMA	FRONTEIR OIL LTD.	OML13
EBENDO/OBODETI	ENERGIA LTD.	OML56
IKIKE	GOLAND PETROLEUM DEV. CO. LIMITED	OML88
BONGA-NORTH	EXCEL EXPLORATION & PRODUCTION LIMITED	OML46
KD	SAHARA ENERGY LIMITED (OPERATOR)	OML40
INYI CREEK	GREEN ENERGY INTERNATIONAL LIMITED	OML11
KIFI	ALL GRACE ENERGY LIMITED	OML17

ORORO GALISOMA AFIA AGBAMI BENIBOYE SOUTH

Fields



Figure
Marginal Field

Figure Marginal Field

Table 6 : Oil and Condensates Reserves

Year	Oil (MMbbls)	Condensate (MMbbls)	(Oil + Condensate) (MMbbls)
2011	31169.60		0
2010	31219.00		

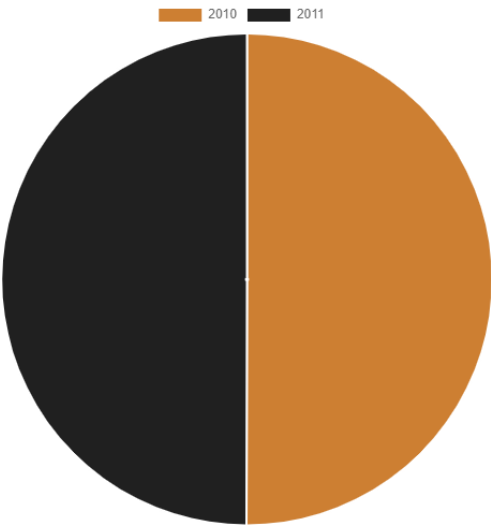


Figure
Oil Reserves By Year

Table 7 : Nigeria Oil & Condensate Reserves Distribution on Contract Basis

Contract Type	Oil (MMbbls)	Condensate (MMbbls)	Total (MMbbls)
Total	0.00	0.00	0
			0

Table 8 : Nigeria Oil & Condensate Reserves Distribution on Terrain Basis as at January 1,

Terrain	Oil (MMbbls)	Condensate (MMbbls)	Total (MMbbls)
Total	0.00	0.00	0.00
			0.00

Figure
Oil & Condensate Reserves Distribution on Contract

Figure
Oil & Condensate Reserves Distribution on Terrain

Table 9 : Oil Reserves Net Addition, Depletion Rate and Life Index on Contract Basis

Contract Type	Production, Million Barrels	Net Addition (Crude Oil), Million Barrels	% Net Addition	Depletion Rate, %	Life Index, Years
Total	0	0	0	0	0

Table 10 : Reserves Replacement Rate (RRR) on Contract Basis

Contract Type	Oil & Condensates Reserves as at 1/1 2012	Oil & Condensates Reserves as at 1/1 2011	2011 Oil & Condensates Production, MMB	Net Addition to Oil & Condensate Reserves, MMB	Reserves Replacement Rate, %
Total (National)	0.00	0.00	0.00	0.00	0.00

Figure
2011 Reserves Replacement Rate (RRR)

Table 11 : Nigeria's Reserves Replacement Rate (RRR) - Nine Year Trend

Year	Oil & Condensate Production, MMB	Reserves Replacement Rate, % Barrels
01/Jan/2002		0.00
01/Jan/2003		0.00
01/Jan/2004		0.00
01/Jan/2005		0.00
01/Jan/2006		0.00
01/Jan/2007		0.00
01/Jan/2008		0.00
01/Jan/2009		0.00
01/Jan/2010		0.00
01/Jan/2011		0.00

Figure
Net Reserve Addition, Production & RRR Ten Year Trend

Table 12 : Natural Gas Reserves

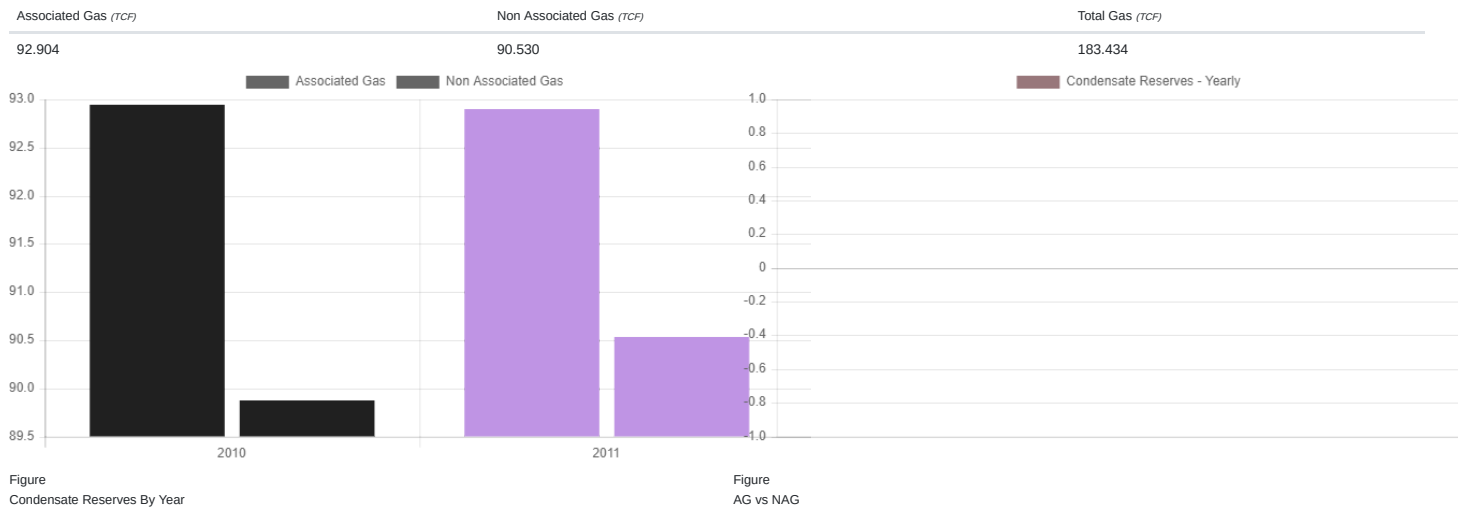


Table 13 : Natural Gas Reserves

Associated Gas (TCF)	Non Associated Gas (TCF)	Total Gas (TCF)
92.904	90.530	183.434
92.945	89.872	182.817

Reserves By Year

AG vs NAG

Figure
Reserves By Year

Figure
AG vs NAG

Table 14 : Seismic Data Acquisition

Year	Type	Land	Shallow Offshore	Deep Offshore	Total
2002	3-D, Sq.Km				0
2003	3-D, Sq.Km				0
2004	3-D, Sq.Km				0
2005	3-D, Sq.Km				0
2006	3-D, Sq.Km				0
2007	3-D, Sq.Km				0
2008	3-D, Sq.Km				0
2009	3-D, Sq.Km				0
2010	3-D, Sq.Km	1300.94	841.28	2672.79	4815.01
2011	3-D, Sq.Km	638.27	1127.59	0.00	1765.86

2014 2010 2012 2012 2013

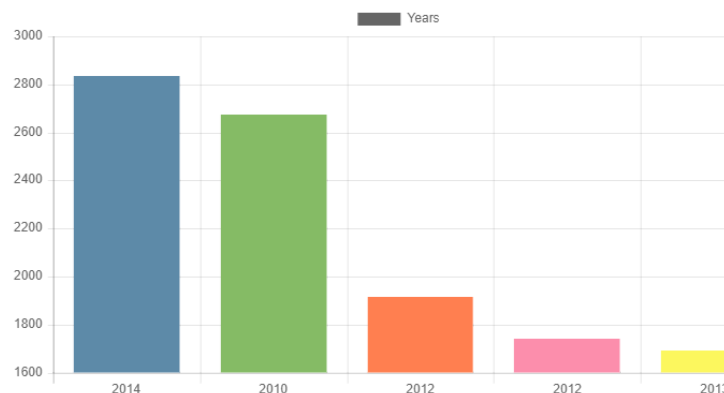


Figure
Seismic Activities

Table 15 : Approved 2018 Field Development Plans

#	Company	Field	Anticipated Production Rate (Bopd/MMscf/d)	Expected Reserves (MMSTB/BSCF)	Commencement Date	Remarks/Status

Table 16 : Number of Wells drilled by Terrain

Year	Land / Swamp	Shallow Offshore	Deep Offshore	Total
2002	0	0	0	0
2003	0	0	0	0
2004	0	0	0	0
2005	0	0	0	0
2006	0	0	0	0
2007	0	0	0	0
2008	0	0	0	0
2009	0	0	0	0
2010	0	0	0	0
2011	0	0	0	0

Table 17 : Wells Drilled by Contract and Class in

Contract	Exploratory	Appraisal(1st & 2nd)	Ordinary Appraisal	Development	Total
SC	0	0	0	0	0
SR	0	0	0	0	0
MF	0	0	0	0	0
JV	0	0	0	0	0
PSC	0	0	0	0	0
Total	0	0	0	0	0

Table 18 : Number of Wells drilled by Class

Year	Exploratory	Appraisal(1st & 2nd)	Ordinary Appraisal	Development	Total
2002	0	0	0	0	0

Year	Exploratory	Appraisal(1st & 2nd)	Ordinary Appraisal	Development	Total
2003	0	0	0	0	0
2004	0	0	0	0	0
2005	0	0	0	0	0
2006	0	0	0	0	0
2007	0	0	0	0	0
2008	0	0	0	0	0
2009	0	0	0	0	0
2010	0	0	0	0	0
2011	0	0	0	0	0

Figure

Well Activities by Class and Contract

Figure

Number of Wells drilled By Year From 1993 To 2011

Table 19 : Wells Completed in

Type of Contract	Total	By Terrain
------------------	-------	------------

Table 20 : Approved Non-Associated Gas (NAG) Development Plans

#	Company	Block	FDP	Gas Reserves (BSCF)	Condensate(MMSTB)	Gas Off-Take Rate (MMSCFD)
---	---------	-------	-----	---------------------	-------------------	----------------------------

Table 21 : Approved Associated Gas (AG) Development Plans

#	Company	Block	FDP	AG Reserves, Bscf	Gas Off-Take Rate (MMSCFD)
---	---------	-------	-----	-------------------	----------------------------

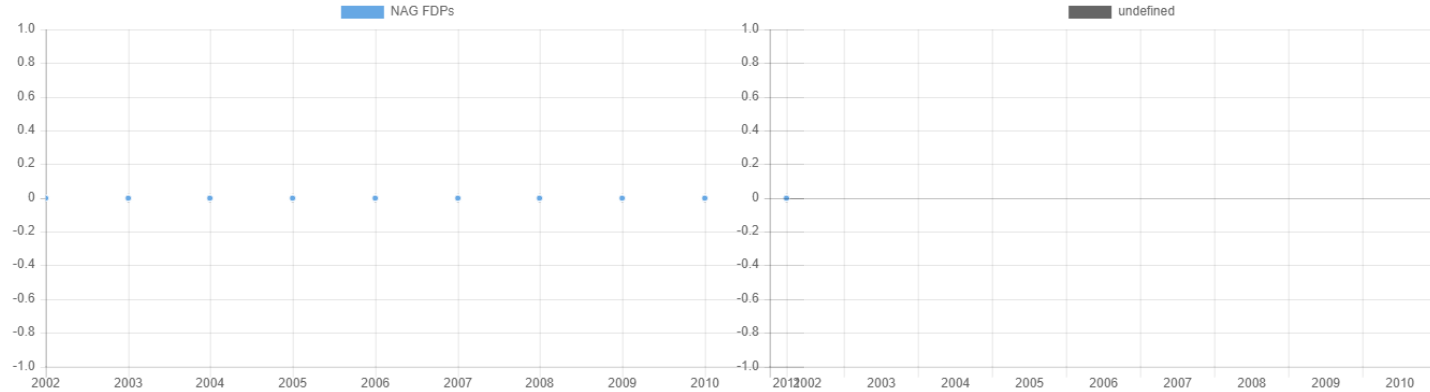


Figure
Approved NAG Field Development Plans

Figure
Approved AG Field Development Plans

Table 22 : New Drill Gas Appraisal/ Development Wells

#	Company	Block/Field	Well/Status	Terrain	Reserves, Bscf	Off-Take (MMScf/d)
---	---------	-------------	-------------	---------	----------------	--------------------

Table 23 : Approved Gas Well Initial Completion

#	Company	Block/Field	Well/Status	Reserves, Bscf	Off-Take (MMScf/d)	Processing Facility
---	---------	-------------	-------------	----------------	--------------------	---------------------

Table 24 : Approved Gas Wells Work-Over Operations

#	Company	Block	Well Name	Processing Facility
---	---------	-------	-----------	---------------------

Table 25 : Rig Disposition by Terrain from January to December

Terrain	January	February	March	April	May	June	July	August	September	October	November	December
Total	0	0	0	0	0	0	0	0	0	0	0	0

Table 26 : Active Rigs by Terrain

Year	Land / Swamp	Shallow Offshore	Deep Offshore	Total
------	--------------	------------------	---------------	-------

Table 27 : Fields Summary

#	Company	Contract TYPe	Producing Field	Well Name	String Name
---	---------	---------------	-----------------	-----------	-------------

Table 28 : Production Performance

Company	Fields	Contract	Terrain	Annual Prod (Bbls)	Daily Ave (Bopd)	% Prod	
Total					0.00	0.00	0.0%

Table 29 : Monthly Production (Provisional)

Month	Production (Bbls)	Average Daily Production (Bopd)
January	0.00	0
Febuary	0.00	0
March	0.00	0
April	0.00	0
May	0.00	0
June	0.00	0
July	0.00	0
August	0.00	0
September	0.00	0
October	0.00	0
November	0.00	0
December	0.00	0
Total Annual Production (Bbls)	0.00	
Average Annual Daily Production (bopd)	0.00	

Table 31 : Summary of Production Deferments

Deferments		
Month	Cumulative Production (Bbls)	Daily Production (Bopd)
Total Deferment (BBLS)		0.00
Average Daily Deferment (BOPD)		0.00

Figure
Percentage Distribution of Production (Bopd)

Figure
Annual Production (BARRELS) on Company Basis

Table 32 : Monthly Summary of Stabilized Crude / Condensate Volumes by Streams

[illegible]

Stream/Blend	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Crude Oil										
Akpo	0	0	0	0	0	0	0	0	0	0
Antan	0	0	0	0	0	0	0	0	19108971.00	14549317.00
Bonga	0	0	0	0	0	0	0	0	65026519.00	52296510.00
Bonny	0	0	0	0	0	0	0	0	91633924.00	98768246.00
Bonny NLNG	0	0	0	0	0	0	0	0	0	0
Brass	0	0	0	0	0	0	0	0	47045801.00	45985280.00
BRT	0	0	0	0	0	0	0	0	0	0
Ebok	0	0	0	0	0	0	0	0	0	3055560.00
Ekanga Zaffiro	0	0	0	0	0	0	0	0	4500450.00	4500450.00
Erha	0	0	0	0	0	0	0	0	60729787.00	53063950.00
Escravos	0	0	0	0	0	0	0	0	95476023.00	90252503.00
Forcados	0	0	0	0	0	0	0	0	69232152.00	82774072.00
Ima	0	0	0	0	0	0	0	0	0	0
Odudu	0	0	0	0	0	0	0	0	40847405.00	39554024.00
Okono	0	0	0	0	0	0	0	0	17544856.00	17263430.00
Okoro	0	0	0	0	0	0	0	0	5885411.00	5767803.00
Okwori	0	0	0	0	0	0	0	0	14387558.00	12819504.00
Oso Condensate	0	0	0	0	0	0	0	0	0	0
Otakipo Blend	0	0	0	0	0	0	0	0	0	0
Oyo	0	0	0	0	0	0	0	0	3216242.00	1349224.00
Pennington	0	0	0	0	0	0	0	0	11129213.00	10558221.00
QIT	0	0	0	0	0	0	0	0	0	0
Qua Iboe	0	0	0	0	0	0	0	0	126157671.00	128253257.00
Sea Eagle	0	0	0	0	0	0	0	0	29746886.00	23080837.00
Tulja	0	0	0	0	0	0	0	0	0	0
Ughelli Blend	0	0	0	0	0	0	0	0	0	0
Ukpokiti	0	0	0	0	0	0	0	0	492411.00	386832.00
Usan	0	0	0	0	0	0	0	0	0	1326212.00
Yoho	0	0	0	0	0	0	0	0	33368770.00	30371559.00
Sub Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	746,675,558.00	726,361,243.00
Daily Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,045,686.46	1,990,030.80
Condensate										
Field Condensate										
Agbami	0	0	0	0	0	0	0	0	87169459.00	88304428.00
Akpo	0	0	0	0	0	0	0	0	60210985.00	56482856.00
Escravos	0	0	0	0	0	0	0	0	1892148.00	4041513.00
Ima	0	0	0	0	0	0	0	0	537469.00	531515.00
Oso Condensate	0	0	0	0	0	0	0	0	5200300.00	4748331.00
Sub Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155,010,361.00	154,108,643.00
Daily Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	424,685.92	422,215.46
Plant Condensate										
Bonny NLNG	0	0	0	0	0	0	0	0	10095699.00	13194065.00
BRT	0	0	0	0	0	0	0	0	3669899.00	2909182.00
Sub Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13,765,598.00	16,103,247.00
Daily Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37,713.97	44,118.48
Sub Total - Condensate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	168,775,959.00	170,211,890.00
Daily Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	462,399.89	466,333.95
Crude + Condensate										
Grand Total - Condensate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	915,451,517.00	896,573,133.00
Daily Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,508,086.35	2,456,364.75

Figure
Stabilized Crude /Condensates Volumes

Table 34 : Status Of Major Active Field Development / Crude Oil Handling Facilities Projects

#	Project	Company	Location	Addition (Mbopd)	Development	Completion Year	Status
1	EGINA OIL PROJECT	SOUTH ATLANTIC PETROLEUM LIMITED	OFFSHORE	200000	FPSO	2018	Installation/Construction
2	EGINA OIL PROJECT	SOUTH ATLANTIC PETROLEUM LIMITED	OFFSHORE	200000	FPSO	2018	Installation/Construction

Table 35 : Gas Production Volumes (MMSCF)

Month	AG	NAG	Total Gas Produced
January	0	0	0
Febuary	0	0	0
march	0	0	0
april	0	0	0
may	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0
Total	0	0	0

Table 36 : Gas Production,

Year	AG	NAG	Total
1995	0	0	0
1996	0	0	0
1997	0	0	0
1998	0	0	0
1999	0	0	0
2000	0	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0

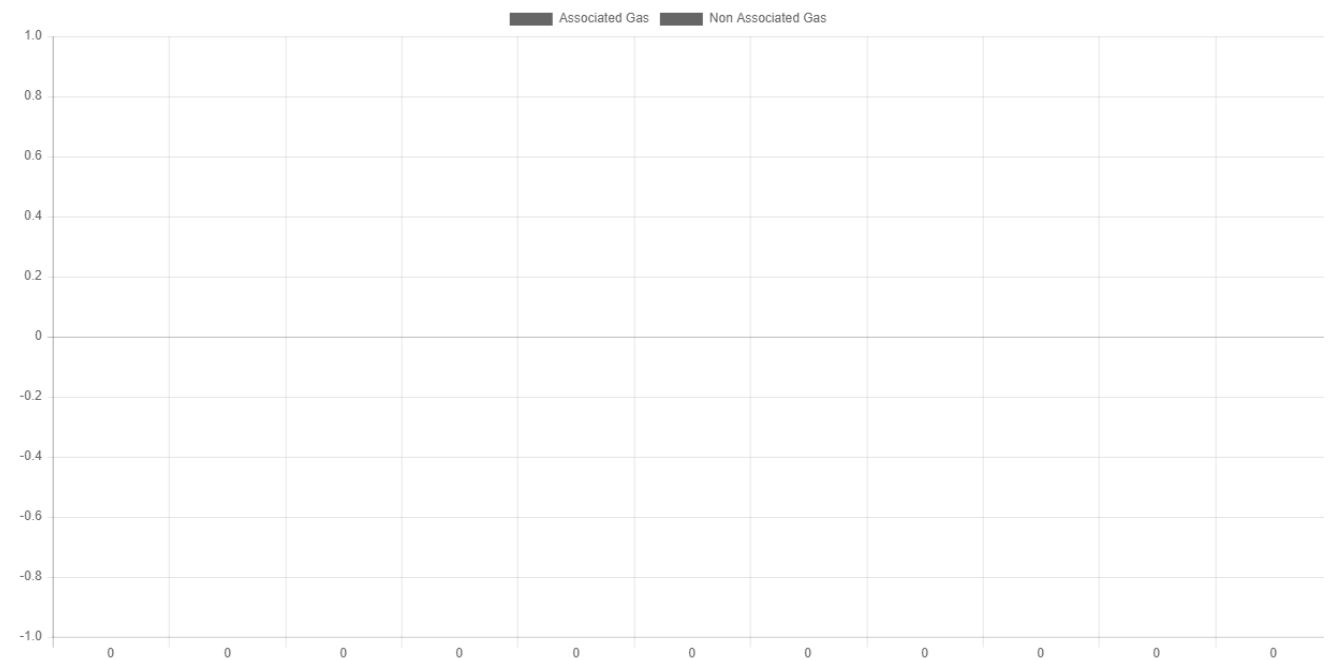


Figure
AG and NAG Production, 2001 - 2011

Table 37 : Gas Utilization Profile for the year

Gas Utilization	Volume (MMscf)	Utilization Factor (%)

Table 38 : Gas Production and Utilization Summary

Month	Total Gas Produced	Total Gas Utilised	Total Gas Flared	% Flared
January	0	0	0	0
Febuary	0	0	0	0
march	0	0	0	0
april	0	0	0	0
may	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

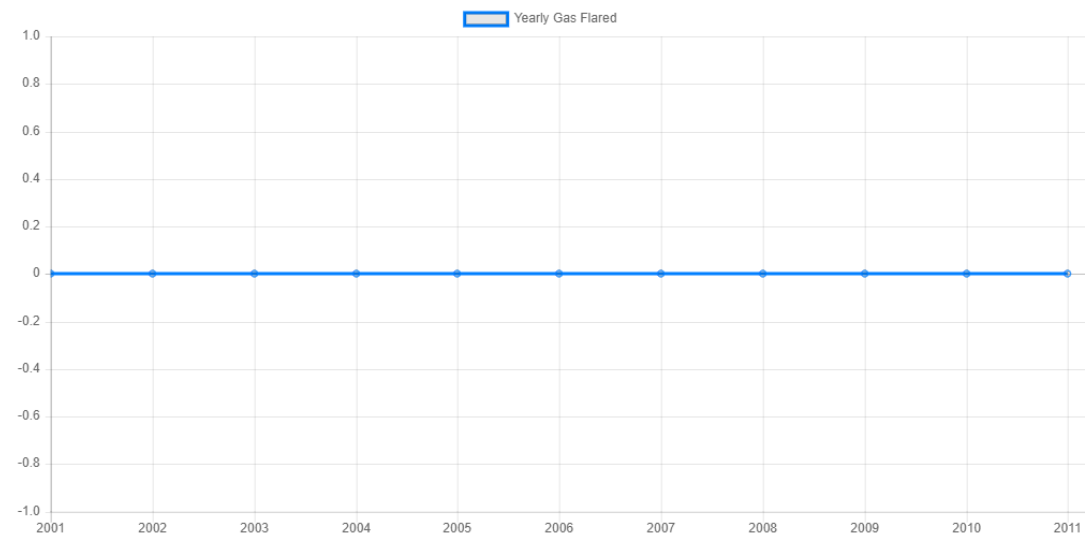


Figure
Routine Gas Flare Profile to 2011

Table 39 : Flare Volume as a percentage of AG Production

Year	AG Produced Mscf	Total Gas Flared Mscf	% Flared
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0

Flare Volume as a percentage of AG Production

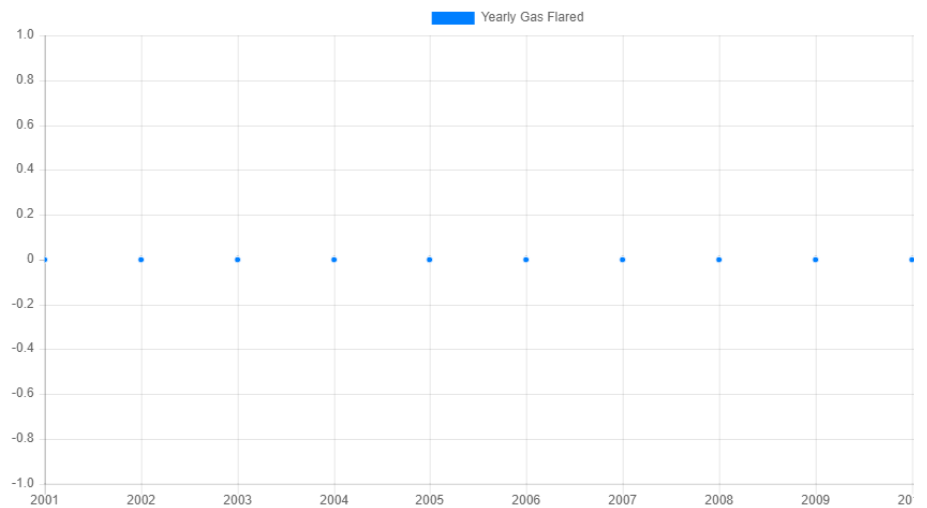


Figure
Historical Gas Profile

Table 40 : Summary of 2018 Gas Production and Utilization



Month	Production				Sales									
	AG	NAG	Total	Fuel Gas	Gas Lift	Re-Injection	NGL-LPG	Gas To Nipp	Others	NLNG Export	Gas Util	% Util	Gas Flared	% Flared
January	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Febuary	0	0	0	0	0	0	0	0	0	0	0	0	0	0
march	0	0	0	0	0	0	0	0	0	0	0	0	0	0
april	0	0	0	0	0	0	0	0	0	0	0	0	0	0
may	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 41 : Summary of Gas Production and Utilization



	Gas Production							Sales					
Year	AG	NAG	Total	Fuel Gas	Gas Lift	Re-Injection	NGL-LPG	Domestic Sales	NLNG Export	Gas Util	% Util	Gas Flared	% Flared
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 42 : Gas Production and Utilization by Company



Company	Gas Produced							Gas Sold						
	AG	NAG	Total	Fuel Gas	Gas Lift	Re-Injection	NGL-LPG	Gas To Nipp	Others	NLNG Export	Gas Util	% Util	Gas Flared	% Flared

Table 43 : Summary of Crude / Condensate Export by Crude Stream



Stream	January	February	March	April	May	June	July	August	September	October	November	December	Total
Bonny	7136012.50	7136012.50	7136012.50	7136012.50	7136012.50	7136012.50	7136012.50	7136012.50	7136012.50	7136012.50	7136012.50	85632150.00	1641282
Brass	3860159.33	3860159.33	3860159.33	3860159.33	3860159.33	3860159.33	3860159.33	3860159.33	3860159.33	3860159.33	3860159.33	46321912.00	8878366
Koko Plant	10622818.92	10622818.92	10622818.92	10622818.92	10622818.92	10622818.92	10622818.92	10622818.92	10622818.92	10622818.92	10622818.92	127473827.00	2443246
Oso Condensate	448732.50	448732.50	448732.50	448732.50	448732.50	448732.50	448732.50	448732.50	448732.50	448732.50	448732.50	5384790.00	1032084
Odudu	3260793.33	3260793.33	3260793.33	3260793.33	3260793.33	3260793.33	3260793.33	3260793.33	3260793.33	3260793.33	3260793.33	39129520.00	7499824
Ima	36929.00	36929.00	36929.00	36929.00	36929.00	36929.00	36929.00	36929.00	36929.00	36929.00	36929.00	443148.00	849367.
Antan	1183497.42	1183497.42	1183497.42	1183497.42	1183497.42	1183497.42	1183497.42	1183497.42	1183497.42	1183497.42	1183497.42	14201969.00	2722044
Okono	1420937.83	1420937.83	1420937.83	1420937.83	1420937.83	1420937.83	1420937.83	1420937.83	1420937.83	1420937.83	1420937.83	17051254.00	3268157
SEEPCO	2556289.42	2556289.42	2556289.42	2556289.42	2556289.42	2556289.42	2556289.42	2556289.42	2556289.42	2556289.42	2556289.42	30675473.00	5879466

Figure Total Crude Export for 2011 in (Barrels)

Country	Total Crude Export for 2011 in (Barrels)
United States	1,000,000,000

[illegible]

Stream/Blend	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Crude Oil										
Qua Iboe	0	0	0	0	0	0	0	0	0	0
SEEPCO	0	0	0	0	0	0	0	0	63611368.33	58794656.58
Seplat Blend	0	0	0	0	0	0	0	0	0	0
Ukpokiti	0	0	0	0	0	0	0	0	0	0
Usan	0	0	0	0	0	0	0	0	0	0
Yoho	0	0	0	0	0	0	0	0	624923.42	566200.58
Grand Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,589,233,271.25	1,529,978,091.42
Daily Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,354,063.76	4,191,720.80

Table 45 : Crude Export Destination Summary

Stream	Africa	Asia	Australia	Europe	North America	South America
Abo	0.00	0.00	0.00	0.00	0.00	0.00
Agbami	0.00	0.00	0.00	0.00	0.00	0.00
Ajapa	0.00	0.00	0.00	0.00	0.00	0.00
Aje	0.00	0.00	0.00	0.00	0.00	0.00
Akpo	0.00	0.00	0.00	0.00	0.00	0.00
Antan	0.00	0.00	0.00	0.00	0.00	0.00
Bonga	0.00	0.00	0.00	0.00	0.00	0.00
Bonny	0.00	0.00	0.00	0.00	0.00	0.00
Brass	0.00	0.00	0.00	0.00	0.00	0.00
Ebok	0.00	0.00	0.00	0.00	0.00	0.00
Erha	0.00	0.00	0.00	0.00	0.00	0.00
Escravos	0.00	0.00	0.00	0.00	0.00	0.00
Forcados	0.00	0.00	0.00	0.00	0.00	0.00
Ima	0.00	0.00	0.00	0.00	0.00	0.00
Koko Plant	0.00	0.00	0.00	0.00	0.00	0.00
Odudu	0.00	0.00	0.00	0.00	0.00	0.00
Okono	0.00	0.00	0.00	0.00	0.00	0.00
Okoro	0.00	0.00	0.00	0.00	0.00	0.00
Okwori	0.00	0.00	0.00	0.00	0.00	0.00
Oyo	0.00	0.00	0.00	0.00	0.00	0.00
Pennington	0.00	0.00	0.00	0.00	0.00	0.00
QIT	0.00	0.00	0.00	0.00	0.00	0.00
SEEPCO	0.00	0.00	0.00	0.00	0.00	0.00
Tulja	0.00	0.00	0.00	0.00	0.00	0.00
Ukpokiti	0.00	0.00	0.00	0.00	0.00	0.00
Yoho	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00

Table 46 : Crude Export Destination History (Percent)

Region	2007	2008	2009	2010	2011
Africa	0.0	0.0	0.0	0.0	0.0
Asia	0.0	0.0	0.0	0.0	0.0
Australia	0.0	0.0	0.0	0.0	0.0
Europe	0.0	0.0	0.0	0.0	0.0
North America	0.0	0.0	0.0	0.0	0.0
South America	0.0	0.0	0.0	0.0	0.0

Figure
Summary of Crude / Condensates Exports (in Barrels)

Figure
2011 Crude Export by Destination

Table 47 : Average Price of Nigeria's Crude Streams as Quoted by Platts in USD

Streams	Agbami	Bonny	Escravos	Brass	Forcados	Qua Iboe	Akpo	Bonga
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	110.50	111.97	111.94	112.02	112.93	112.14	0.00	0.00

Figure
Average Price of Nigeria's Crude Quoted by Platts in USD

Table 48 : Summary of Refineries

Process Unit	KRPC	PHRC (New)	PHRC (Old)	WRPC	NDPR
--------------	------	------------	------------	------	------

Table 49 : Refinery Performance (Capacity Utilisation), BPSD

KRPC	PHRC (New)	PHRC (Old)	WRPC	NDPR	Total	Capacity Utilization %
------	------------	------------	------	------	-------	------------------------

Table 50 : Refinery Performance (Capacity Utilisation), Percentage

Year	KRPC	PHRC (New)	PHRC (Old)	WRPC	NDPR	Total
------	------	------------	------------	------	------	-------

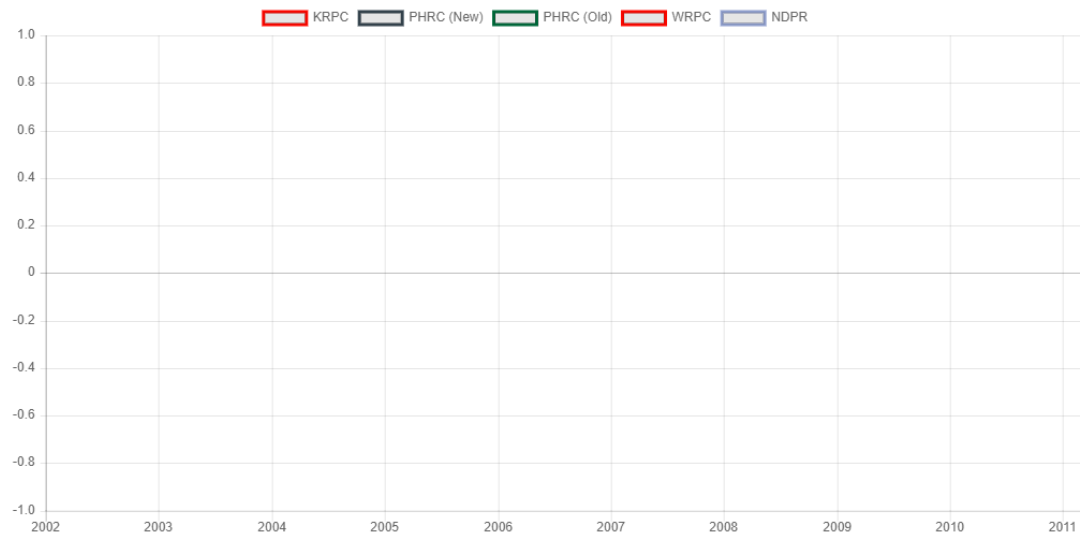


Figure
Local Refinery Capacity

Table 51 : Status of Licensed Refinery Projects

#	Licensee	Project Type	Capacity (BSPD)	Location	License Granted	Commissioning Date	License Validity
1	PEAK PETROLEUM INDUSTRIES NIGERIA LIMITED	Conversion	456	BISENI Bayelsa	ATR	2019	Valid
2		Conversion	5000	KORONAMA Rivers	ATC	2019	Expired
3		Modular	3090	TAYLOR-CREEK Kogi	ATR	2020	Valid
4	SHELL PETROLEUM DEVELOPMENT CO.	Conversion	456	ABASERE Bauchi	ATC	2019	Valid
5		Modular	2100	OFURUMA Delta	LTE	2019	Expired
6		Modular	2100	OFURUMA Delta	LTE	2019	Expired
7	ORIENTAL ENERGY RESOURCES	Modular	3090	ABO Bauchi	ATC	2019	Expired
8		Conversion	5000	IYUNG Akwa-Ibom	ATR	2019	Valid

Table 52 : Domestic Gas Supply Obligation for E&P Companies, MMSCF/day

Company / Gas Producers	2012	2013	2014	2015	2016	2017
Total Gas	0	0	0	0	0	0

Table 53 : DGSO Allocation vs Supply Performance

Company	Supply Oblig (MMscf/d)	Ave Supply (MMscf/d)	% Performance	Remark
Total Gas		0	0	

Table 54 : Summary of Domestic Gas Supply Obligation Performance (MMSCF/Day)

Year	Perf	Total
2002	Oblication	0
2002	Supply	0
2002	% Perf	0
2003	Oblication	0
2003	Supply	0
2003	% Perf	0
2004	Oblication	0
2004	Supply	0
2004	% Perf	0
2005	Oblication	0
2005	Supply	0
2005	% Perf	0
2006	Oblication	0
2006	Supply	0
2006	% Perf	0
2007	Oblication	0
2007	Supply	0
2007	% Perf	0
2008	Oblication	0
2008	Supply	0
2008	% Perf	0
2009	Oblication	0
2009	Supply	0
2009	% Perf	0
2010	Oblication	0
2010	Supply	0
2010	% Perf	0
2011	Oblication	0
2011	Supply	0
2011	% Perf	0

Table 55 : Approved Gas Supply Structure for the Textile Industry

Sector	2011	2012
--------	------	------

Month	Product	Warri, Delta State (WRPC)	Kaduna, Kaduna State (KRPC)	Eleme, River State (PHRC)	Niger Delta Pet Res	Old PHRC, Rivers State	Total, MT	Total, Ltrs
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
February	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
March	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
April	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
May	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
June	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
July	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
August	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
September	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
October	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
November	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0

Month	Product	Warri, Delta State (WRPC)	Kaduna, Kaduna State (KRPC)	Eleme, River State (PHRC)	Niger Delta Pet Res	Old PHRC, Rivers State	Total, MT	Total, Ltrs
	LPFO	0	0	0	0	0	0	0
December	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
Total	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0

Table 63 : Summary of Refinery Production Volumes (Litres)

Year	Product	Warri, Delta State (WRPC)	Kaduna, Kaduna State (KRPC)	Eleme, River State (PHRC)	Niger Delta Pet Res	Old PHRC, Rivers State	Total, MT	Total, Ltrs
2002	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
2003	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
2004	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
2005	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
2006	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
2007	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0
2008	PMS	0	0	0	0	0	0	0
	AGO	0	0	0	0	0	0	0
	DPK	0	0	0	0	0	0	0
	LPG	0	0	0	0	0	0	0
	LPFO	0	0	0	0	0	0	0

Table 66 : Approved Product Import (By Import Permits)

Products	MAJORS (MT)			DAPPMA (MT)			TRADERS (MT)			Total (MT)	
	2010	2011	% Diff	2010	2011	% Diff	2010	2011	% Diff	2010	2011
Total	1.00	1.00	1	1.00	1.00	1	1.00	1.00	1	3.00	3.00

Table 67 : Summary of Petroleum Products Importation by Market Segment (Litres)

Months	PMS	AGO	DPK	ATK	LPG	LPFO	BASE OIL	BITUMEN
NNPC, Metric Tonnes								
January	0	0	0	0	0	0	0	0
Febuary	0	0	0	0	0	0	0	0
march	0	0	0	0	0	0	0	0
april	0	0	0	0	0	0	0	0
may	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Major Marketers, Metric Tonnes								
January	0	0	0	0	0	0	0	0
Febuary	0	0	0	0	0	0	0	0
march	0	0	0	0	0	0	0	0
april	0	0	0	0	0	0	0	0
may	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Independent Marketers, Metric Tonnes								
January	0	0	0	0	0	0	0	0
Febuary	0	0	0	0	0	0	0	0
march	0	0	0	0	0	0	0	0
april	0	0	0	0	0	0	0	0
may	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Total, Metric Tonnes								
January	0	0	0	0	0	0	0	0
Febuary	0	0	0	0	0	0	0	0
march	0	0	0	0	0	0	0	0
april	0	0	0	0	0	0	0	0
may	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0

Months	PMS	AGO	DPK	ATK	LPG	LPFO	BASE OIL	BITUMEN
NNPC, Metric Tonnes								
September	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Average Daily Import, Metric Tonnes								
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
march	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
april	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
may	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
June	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
July	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
August	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
September	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 69 : Summary of Petroleum Products Importation by Market Segment (Litres)

Market Segment	Product	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total, Metric Tonnes	Total, Litres
NNPC	PMS	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	AGO	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	DPK	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	ATK	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	LPG	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	LPFO	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	BASE OIL	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	BITUMEN	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Major Marketers	PMS	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	AGO	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	DPK	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	ATK	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	LPG	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	LPFO	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	BASE OIL	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	BITUMEN	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Independent Marketers	PMS	0	0	0	0	0	0	0	0	0	0	0.000	0.0
	AGO	0	0	0	0	0	0	0	0	0	0	0.000	0.0
	DPK	0	0	0	0	0	0	0	0	0	0	0.000	0.0
	ATK	0	0	0	0	0	0	0	0	0	0	0.000	0.0
	LPG	0	0	0	0	0	0	0	0	0	0	0.000	0.0
	LPFO	0	0	0	0	0	0	0	0	0	0	0.000	0.0
	BASE OIL	0	0	0	0	0	0	0	0	0	0	0.000	0.0
	BITUMEN	0	0	0	0	0	0	0	0	0	0	0.000	0.0

Petrol

Diesel

Kerosene

Aviation

Figure
Product Importation by Market Segment

Petrol

Diesel

Kerosene

Figure
Product Local Production vs Import

Table 70 : Petroleum Products Import Summary, Litres

Year	PMS	AGO	DPK	ATK	LPG	LPFO	BASE OIL	BITUMEN
2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 71 : Product Import: Number of Product Vessels

Field Office	PMS Import Vessels	DPK Import Vessels	AGO Import Vessels	ATK Import Vessels
Calabar				
Eket				
Lagos				
Port-Harcourt				
Umuahia				
Warri				
Total	0	0	0	0

Table 72 : Retail outlets Summary - Filling Stations count

State	Independent	Major	NNPC - Franchise & Mega	Grand Total
Abia	0	0	0	0
Adamawa	0	0	0	0
Akwa-Ibom	0	0	0	0
Anambra	0	0	0	0
Bauchi	0	0	0	0
Bayelsa	0	0	0	0
Benue	0	0	0	0
Borno	0	0	0	0
Cross River	0	0	0	0
Delta	0	0	0	0
Ebonyi	0	0	0	0
Edo	0	0	0	0
Ekiti	0	0	0	0
Enugu	0	0	0	0
FCT	0	0	0	0
Gombe	0	0	0	0
Imo	0	0	0	0
Jigawa	0	0	0	0
Kaduna	0	0	0	0
Kano	0	0	0	0
Katsina	0	0	0	0
Kebbi	0	0	0	0
Kogi	0	0	0	0

Petrol, Diesel & Kerosene (Litres)

All State Retail Outlets Count

Figure
Retail Outlets Count and Capacities (Litres)

Independent			MAJOR			NNPC - Franchise & Mega			
State	PMS	DPK	AGO	PMS	DPK	AGO	PMS	DPK	AGO
Lagos	0	0	0	0	0	0	0	0	0
Nasarawa	0	0	0	0	0	0	0	0	0
Niger	0	0	0	0	0	0	0	0	0
Ogun	0	0	0	0	0	0	0	0	0
Ondo	0	0	0	0	0	0	0	0	0
Osun	0	0	0	0	0	0	0	0	0
Oyo	0	0	0	0	0	0	0	0	0
Plateau	0	0	0	0	0	0	0	0	0
Rivers	0	0	0	0	0	0	0	0	0
Sokoto	0	0	0	0	0	0	0	0	0
Taraba	0	0	0	0	0	0	0	0	0
Yobe	0	0	0	0	0	0	0	0	0
Zamfara	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0

Table 75 : Petroleum Products Average Consumer Price Range (Naira per Litre)

Year	Market Segment	PMS	ago	DPK
------	----------------	-----	-----	-----

🔍 📄 📊

Figure
Petroleum Products Average Pricing

Table 76 : LPG importation by Zone

Months	Lagos	Warri	Calabar
--------	-------	-------	---------

Table 77 : Accident Report – Industry-wide

Month	Incidents	Work Related	Non Work Related	Fatal Incident	Non Fatal Incident	Work Related Fatal Incident	Non Work Related Fatal Incident	Fatality
-------	-----------	--------------	------------------	----------------	--------------------	-----------------------------	---------------------------------	----------

Table 78 : Accident Report – Upstream

Month	Incidents	Work Related	Non Work Related	Fatal Incident	Non Fatal Incident	Work Related Fatal Incident	Non Work Related Fatal Incident	Fatality
-------	-----------	--------------	------------------	----------------	--------------------	-----------------------------	---------------------------------	----------

Figure
Accident Report - Upstream

Table 79 : Accident Report – Downstream

Month	Incidents	Work Related	Non Work Related	Fatal Incident	Non Fatal Incident	Work Related Fatal Incident	Non Work Related Fatal Incident	Fatality
-------	-----------	--------------	------------------	----------------	--------------------	-----------------------------	---------------------------------	----------

🔍 📄 📊

Figure
Accident Report - Downstream

--

Table 80 : Accident Report – Upstream

Year	Incidents	Work Related	Non Work Related	Fatal Incident	Non Fatal Incident	Work Related Fatal Incident	Non Work Related Fatal Incident	Fatality
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0

Table 81 : Accident Report – Downstream

Year	Incidents	Work Related	Non Work Related	Fatal Incident	Non Fatal Incident	Work Related Fatal Incident	Non Work Related Fatal Incident	Fatality
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0

Figure
Downstream versus Upstream Incidents

--

Table 82 : Accident Report – Industry-wide

Year	Incidents	Work Related	Non Work Related	Fatal Incident	Non Fatal Incident	Work Related Fatal Incident	Non Work Related Fatal Incident	Fatality
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0

Figure
Accident Report – Industry-wide

Table 83 : Spill Incidence Report

Month	Natural Accident	Corrosion	Equipment Failure	Sabotage	Human Error	YTBD	Mystery	Total Spill	Volume Spill
Total	0	0	0	0	0	0	0	0	0

il.

Figure
Spill Incidents

Table 84 : Spill Incidence Summary

Year	Number of Spills	Quantity Spilled (Br)
2002	0	0
2003	0	0
2004	0	0
2005	0	0
2006	0	0
2007	0	0
2008	0	0
2009	0	0
2010	0	0
2011	0	0

Table 85 : Report on Produced Water Volumes Generated

Company	Facility	Concession	Water Depth (Ft)	Distance From Shore (Km)	Volume/Day (Bbl)
---------	----------	------------	------------------	--------------------------	------------------

il.

Figure
Report on Produced Water Volumes Generated

Figure
Report on Produced Water Volumes Generated

Table 86 : Drilling Waste Volumes

Month	Sum Of WBMC (Mt)	Sum Of OBMC (Mt)	Sum Of Spent WBM (Mt)	Sum Of Spent OBM (Mt)
Grand Total	0	0	0	0

Figure
Drilling Waste Volumes

Table 87 : Accredited Waste Managers

Company	Type of Facility	Location Area	Operational Status
---------	------------------	---------------	--------------------

Table 88 : Summary Of Waste Management Facilities

#	Type of Facility	Operational Permit
37	INCINERATOR	0
38	TDU	1
39	WBM	0

Table 89 : Oil Spill Contingency Plan Activation Exercises

#	Location	Nos Of Companies For Oscp/Fi	Actual Nos Of Companies Audited
---	----------	------------------------------	---------------------------------

Table 90 : Number Of Petitions Received In

#	Category	CSR	Pollution	Compensation	Others (Disputes, Contractual Issues, Recognition As Host Community)
---	----------	-----	-----------	--------------	--

Table 91 : Request For Approvals – Chemicals

#	No. of Applications Received	Approved	Disapproved	Pending
---	------------------------------	----------	-------------	---------

Table 92 : Summary of Accredited Laboratories

Laboratory Service	Lagos Zone	Port Harcourt Zone	Warri Zone	Total
Total	0	0	0	0

Table 93 : Summary of Drilling Chemicals

#	Drilling Fluid Type	Numbers
---	---------------------	---------

Table 94 : Approved Production Chemicals Inventory

#	Production Chemicals	Numbers
---	----------------------	---------

Table 95 : Applications For Environmental Restoration Services

#	Service	Approval Status	Approval (New)	Approval (Renewal)	Total
Total			0	0	0

Table 96 : Environmental Studies

#	Type	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Total		0	0	0	0	0	0	0	0	0	0	0	0	0

Table 97 : Offshore Safety Permit (OSP) Summary

Year	PERSONNEL REGISTERED	PERSONNEL CAPTURED	PERMITS ISSUED
------	----------------------	--------------------	----------------

Figure
Offshore Safety Permit

Table 98 : Approved Safety And Medical Emergency Training Centres

#	Company	Facility Location Address	Approved Courses

Table 99 : Revenue Performance Summary

Year	Oil Royalty ₦	Gas Royalty ₦	Gas Flare Penalty ₦	Concession Rentals ₦	MOR ₦	Signatre Bonus ₦	Total Revenue ₦

Figure
Actual Revenue Performance Summary Yearly

Figure
Actual Revenue Performance Summary Yearly

Glossary of Terms

- AG - Associated Gas
- AGO - Automated Gas Oil
- AR2 - African Regional Line
- ATC-Approval to Construct
- BPSD – Barrel per Stream Day
- CB - Carbon Black
- DGSO - Domestic Gas Supply Obligation
- DPK - Dual Purpose Kerosene
- DPR - Department of Petroleum Resources
- EGP – Escravos Gas Plant
- EOR - Enhanced Oil Recovery
- FCT - Federal Capital Territory
- FPSO - Floating Production Storage and Offloading
- IDSL –Integrated Data Services Limited
- IO – Indigenous Operator
- IOC- International Oil Company
- JV - Joint Venture
- KM - Kilometer
- KRPC - Kaduna Refinery & Petrochemical Company
- LAB - Linear Alkyl Benzene
- LLDPE - Linear Low Density Polyethylene
- MF - Marginal Field
- MMbbls - Million barrels
- MMSCFD - Million Standard Cubic Feet per Day
- MT – Metric Tonnes
- NAG – Non-Associated Gas
- NAOC - Nigerian Agip Oil Company
- NAPIMS - National Petroleum Investment Management Services
- NDPR - Niger Delta Petroleum Resources
- NDRC - Niger Delta Regional Data Compilation
- NGC – Nigerian Gas Company
- NGL - Natural Gas Liquid
- NNPC - Nigerian National Petroleum Corporation
- NPDC - Nigerian Petroleum Development Company
- OBLG - Obligation
- OML - Oil Mining Lease
- OPEC – Organization of the Petroleum Exporting Countries
- OPL - Oil Prospecting License
- PE - Polyethylene
- PERF - performance
- PHRC - Port Harcourt Refining Company
- PMS - Petroleum Motor Spirit
- PP - Polypropylene
- PPHP - Polypropylene Homo-Polymer
- PPMC - Petroleum Product Marketing Company, a subsidiary of NNPC
- PPT - Petroleum Profit Tax
- PRF - Propylene-Rich Feed

PSC - Production Sharing Contract

SC - Service Contract

SPDC - Shell Petroleum Development Company

SQ KM - Square Kilometer

SR - Sole Risk

TA – Technology Adaptation

TCF – Trillion Cubic Feet

TQ – Technology Qualification

WRPC - Warri Refining & Petrochemical Company

The data and information published in this report are subject to ongoing review by DPR based on continuous reconciliation with various stakeholders. Therefore, reliance on data contained herein should be based on final confirmation by DPR.