



Highly-Trained Personnel



DDL Drilling Technology Engineer

Electronic sensors located around the drilling rig measure many drilling parameters such as weight on hook, bit depth, rotary speed and torque, bit penetration rate, and drilling fluid parameters such as fluid weight, flow rates in and out of the well-bore, pressures and temperatures, etc. DDL drilling technology engineers employ the Patriarch™ modular software platform to gather all the geological and engineering elements of the drilling process; Drilfast™ controls the data acquisition and storage in the DDL database, Drilchart™ displays data in real-time on computer workstations throughout the rig, Drillog™ manages the DDL database, plots and exports data in customer-defined formats, and Drilleng™ provides various engineering tools for drilling calculations, reporting, and analysis.

Mud-loggers collect samples of rock cuttings returned by the drilling fluid system as drilling proceeds. The samples are identified, analyzed, tested, and bagged for delivery to the customer's office. The description of rock properties prepared by mud-loggers is integrated with the drilling parameters and third party data into a composite well log. Gases trapped in the drilling fluid are collected and analyzed to determine their concentration and composition using total gas detection and gas chromatography techniques. Hydrocarbons can also be analyzed using the quantitative fluorescence technique (QFT-2).

Well-site geologists supervise third party service providers of mud-logging, coring, MWD/LWD, and wire-line logging and provide expert advice to drilling engineers for the selection of drill bits for the formation type, and potential casing points. DDL well-site geologists are trained to perform formation evaluation using customer-defined geological computer models. They routinely prepare geological reports and composite well logs from information stored on the DDL database and offset wells for plotting or transmission to the customer's head office.



DRILLING DYNAMICS LIMITED

OILFIELD SERVICES & CHEMICALS

5.0 Track Record

DDL began operations in 1998 and since then has successfully completed a number of long-term contracts and serviced over 100 wells many of them horizontal wells in deep waters up to 3000 ft.

<u>Rig Name</u>	<u>Unit</u>	<u>Customer</u>
Key Bermuda, Roy Butler, Lloyd Noble, Parker 74, and Parker 73.	4064, 107, 207 & 307	Chevron
Scarabeo 4 and Searex 10	107	Agip (AENR)
Scarabeo 3, T209 and DWC-20	107 & 407	Addax
Durga-1 and Durga-2	407 & 507	Sterling G. Oil R. Ltd. & SEEPCO
Car Oil 101 & T209	607 & 507	Seplat Dev. Pet. Co. Ltd.
Baltic – 1	CMS Unit SK-001	Mobil Producing Nigeria Unlimited
Shengli-1 Rig	CMS Unit SK-001	Shell Petroleum Development Company (SPDC)

DDL has an excellent safety record recognized by Chevron in two successive one-year injuries-free safety awards.

Work Experience

**WELL DRILLED FOR CHEVRON NIGERIA LIMITED
UNIT 107 ABOARD KEY BERMUDA RIG (OFFSHORE)
FROM JUNE, 1998 TO JANUARY, 2002.**

S/n	Name of wells	Water Depth (ft)	Spud-Date	TD-Date
1.	EWAN 22H	34	01/08/1998	23/08/1998
	EWAN 23H	36		
2.	EWAN 1HST	37	24/08/1998	09/09/1998
3.	GBADUDU 1	103	10/09/1998	15/10/1998
4.	GBADUDU 2	103	16/10/1998	11/12/1998
5.	DELTA 32H	15	12/12/1998	18/01/1999
6.	DELTA 20	17	19/01/1999	09/02/1999
7.	DELTA 33H	15	10/02/1999	14/03/1999
8.	DELTA SOUTH 42□ /41H	13	15/03/1999	20/04/1999
9.	DELTA SOUTH 41H ST1		21/04/1999	13/05/1999
10.	DELTA SOUTH 42□		14/05/1999	19/05/1999
11.	OKAN 33	30	20/05/1999	04/06/1999



DRILLING DYNAMICS
LIMITED
OILFIELD SERVICES & CHEMICALS

12.	MEREN 64I	50	05/06/1999	11/06/1999
13.	MEREN 84I	49	12/06/1999	25/06/1999
14.	OKAN 86I	19	26/06/1999	26/07/1999
15.	MEREN 83	42	27/07/1999	19/08/1999
16.	OKAN 87I	29	20/08/1999	30/10/1999
17.	MEJI 34H	27	04/10/1999	23/10/1999
18.	OKAN 88H	25	24/10/1999	02/12/1999
19.	MEJI 16ST-H	30	20/12/1999	16/01/2000
20.	MEJI 35H	28	17/01/2000	27/01/2000
21.	DELTA 29ST-H	18	02/02/2000	25/02/2000
22.	DELTA 34I	19	26/02/2000	18/03/2000
23.	DELTA 35H	18	19/03/2000	11/04/2000
24.	DELTA 17H-ST	18	12/04/2000	06/05/2000
25.	PARABE 1ST-H	62	07/05/2000	08/06/2000
26.	OKAN 78	30	09/06/2000	07/07/2000
27.	OKAN 89H	23	08/07/2000	16/08/2000
28.	MEREN 87H	52	17/08/2000	21/09/2000
	MEREN 88H	52		
29.	MEJI 36H	28	04/10/2000	15/10/2000
30.	MEJI 37H	27	07/11/2000	28/11/2000
	MEJI 38H	29		
31.	DELTA 23ST-H	20	14/12/2000	24/12/2000
32.	DELTA 36H	17	13/01/2001	29/01/2001
33.	DELTA 37H	15	04/02/2001	12/02/2001
34.	MEREN 92	50	02/03/2001	14/03/2001
35.	MEJI 39H	22	20/03/2001	27/03/2001
36.	PARABE 14 (EXPLORATION)	65	06/04/2001	13/04/2001
37.	MEREN 93	53	03/05/2001	08/05/2001
38.	MEREN 94	44	21/05/2001	25/05/2001
39.	MEJI 17ST-H	23	09/06/2001	17/06/2001
40.	MEJI 40H	24	26/06/2001	03/07/2001
41.	MEJI 41H	33	14/07/2001	30/07/2001
42.	MEJI 21ST-H	25	12/08/2001	18/08/2001
43.	MEJI 8ST-H	27	30/08/2001	03/09/2001
44.	MEREN 98H	47	29/09/2001	13/10/2001
45.	MEREN 99H	49	02/10/2001	07/10/2001
46.	MEREN 100 (EXPLORATION)	50	23/10/2001	24/11/2001
47.	MEREN 73-ST	47	01/12/2001	12/12/2001
48.	INDA-7H (EXPLORATION)	68	28/12/2001	21/01/2002



**DRILLING DYNAMICS
LIMITED**
OILFIELD SERVICES & CHEMICALS

**WELLS DRILLED FOR CHEVRON NIGERIA LIMITED
ULTIMATE 7000 & SMART UNIT ABOARD ROY BUTLER RIG (OFFSHORE)
FROM SEPTEMBER, 2000 TO MAY 31ST, 2002**

S/n	Name of wells	Water Depth (ft)	Spud-Date	TD-Date
1.	MALU 28	83	06/10/2000	12/10/2000
2.	MALU 29	82	23/10/2000	27/10/2000
3.	MEREN 52ST-H	44	26/11/2000	29/11/2000
4.	MEREN 31ST-H	44	19/12/2000	31/12/2000
5.	OKAN 90-H	24	16/01/2001	26/01/2001
6.	OKAN 91-H	28	10/02/2001	16/02/2001
7.	OKAN 92-H	19	30/04/2001	10/05/2001
8.	PARABE 42	60	19/05/2001	25/06/2001
9.	PARABE 43	60	03/06/2001	12/06/2001
10.	OKAN 95I	25	16/07/2001	27/07/2001
11.	MEREN 96H	50	24/08/2001	09/09/2001
12.	MEREN 97H	50	27/08/2001	03/09/2001
13.	MEFA 20	33	23/10/2001	30/10/2001
14.	OKAN 93I	27	17/11/2001	22/12/2001
	OKAN 94H-I BATCH	28	21/12/2001	07/01/2002
15.	AZAMA 2 (EXPLORATION)	76	22/01/2002	01/02/2002
16.	DELTA SOUTH 43H	15	13/02/2002	15/03/2002
17.	DELTA SOUTH 44H BATCH	17	16/02/2002	21/03/2002
18.	DELTA SOUTH 45H	15	18/02/2002	01/04/2002
19.	MEREN 100 ST-H	54	20/04/2002	01/05/2002

**WELLS DRILLED FOR CHEVRON NIGERIA LIMITED
UNIT 207 ABOARD LLOYD NOBLE RIG (ONSHORE)
FROM APRIL, 2002 TO OCTOBER, 2005.**

S/n	Name of wells	Water Depth (ft)	Spud-Date	TD-Date
1.	MINA 6I (EXPLORATION)	88	29/04/2002	08/06/2002
2.	MEREN 101 I	55	28/06/2002	04/06/2002
3.	MINA 7H	85	01/08/2002	28/08/2002
4.	MINA 8 (EXPLORATION)	86	18/09/2002	15/10/2002
5.	MEREN 21STH	52	22/02/2003	17/03/2003
6.	MEREN 84I-STH	51	05/05/2003	17/05/2003
7.	MEREN 17ST	55	02/08/2003	13/08/2003



**DRILLING DYNAMICS
LIMITED**
OILFIELD SERVICES & CHEMICALS

8.	MEJI 6ST-H	32	08/10/2003	16/10/2003
9.	DELTA 39H	14	03/11/2003	12/11/2003
10.	DELTA SOUTH 48	17	30/05/2004	14/06/2004
11.	DELTA SOUTH 47	17	25/05/2004	05/07/2004
12.	DELTA SOUTH 49	17	08/08/2004	03/09/2004
13.	DELTA SOUTH 50	17	12/09/2004	28/09/2004
14.	OPOLO 12H & SIDETRACK	150	02/11/2004	15/12/2004
15.	DELTA-40P	14	07/02/2005	16/02/2005

**WELLS DRILLED FOR CHEVRON NIGERIA LIMITED
UNIT 107 ABOARD PARKER RIG 74, ESCRAVOS (LAND RIG)
FROM SEPTEMBER., 2003 TO MAY, 2004**

S/n	Name of wells	Water Depth (ft)	Spud-Date	TD-Date
1.	ROBERTKIRI-17	SWAMP	11/10/2003	31/10/2003
2.	ROBERTKIRI-18H	"	30/11/2003	29/12/2003
3.	ROBERTKIRI-19H	"	19/01/2004	31/01/2004
4.	ROBERTKIRI-20	"	18/02/2004	24/02/2004
5.	IDAMA-7	"	09/04/2004	15/04/2004
6.	IDAMA-8	"	06/05/2004	10/05/2004

**CHEVRON NIGERIA LIMITED
UNIT 107 ABOARD LLOYD NOBLE RIG (ONSHORE)
WELLS DRILLED FROM NOV., 2005 TO JAN., 2006.**

S/n	Name of wells	Water Depth (ft)	Spud-Date	TD-Date
1.	OBOKUN 4 (EXPLORATION)		24/11/2005	18/12/2005

**AGIP ENERGY & NATURAL RESOURCES (AENR) / NPDC
UNIT 107 ABOARD SCARABEO 4 (SEMI SUB – OML 199)
WELLS DRILLED FROM MARCH, 2003 TO JULY, 2003.**

S/n	Name of wells	Water Depth (ft)	Spud-Date	TD-Date
1.	OKPOHO – 6 (DEVELOPMENT)	320	26/03/2003	03/05/2003
2.	OKPOHO – 7 (DEVELOPMENT)	320	01/04/2003	19/04/2003
3.	OKPOHO – 8 (DEVELOPMENT)	320	05/05/2003	31/05/2003



**DRILLING DYNAMICS
LIMITED**
OILFIELD SERVICES & CHEMICALS

**WELLS DRILLED FOR CHEVRON NIGERIA LIMITED
UNIT 307 ABOARD PARKER RIG 73 (ONSHORE)
FROM APRIL, 2002 TO MARCH, 2003**

S/n	Name of wells	Water Depth (ft)	Spud-Date	TD-Date
1.	DIBI 32HI	SWAMP	13/08/2002	21/08/2002
2.	DIBI 34HI	"	05/09/2002	10/09/2002
3.	DIBI 35H	"	14/09/2002	22/09/2002
4.	GBOKODA 51H	"	29/09/2002	08/10/2002
5.	GBOKODA 52H	"	16/10/2002	25/10/2002
6.	GBOKODA 53HI	"	01/11/2002	20/11/2002
7.	GBOKODA 54HI	"	27/11/2002	08/12/2002
8.	GBOKODA 55HI	"	12/12/2002	20/12/2003
9.	GBOKODA-59H	"	01/03/2003	17/03/2003

**WELLS DRILLED FOR ADDAX PETROLEUM EXPLORATION (NIGERIA) LIMITED
UNIT 407 ABOARD SCARABEO 3, PORT HARCOURT (OFFSHORE – OML 126 & 137)
FROM FEBRUARY, 2004 TO MAY, 2009.**

S/n	Name of wells	Water Depth (ft)	Spud-Date	TD-Date
1.	ABAJI OKOLO A0-1X	402	10/05/2004	08/06/2004
2.	NKELU-2 (NDA -1X)	453	24/06/2004	13/07/2004
3.	OK – 7	451	28/07/2004	01/09/2004
4.	OK – 8	447	31/07/2004	17/08/2004
5.	OK – 9ST1	449	01/12/2004	24/12/2004
6.	OK – 10	448	30/11/2004	11/01/2005
7.	OK – 11	429	10/03/02005	27/03/2005
8.	OK – 12	420.5	15/08/2005	04/09/2005
9.	OK – 7ST	451	28/07/2004	12/11/2005
10.	ND – 2	453	10/12/2005	06/01/2006
11.	OK – 13ST1	434	20/01/2006	15/02/2006
12.	OK – 14	434	20/01/2006	01/03/2006
13.	ND – 3	437	11/05/2006	07/10/2006
14.	ND – 4	439	04/04/2006	20/09/2006
15.	ND – 6	436	12/04/2006	21/07/2006
16.	SENGI – 1X	210	09/11/2006	27/11/2006
17.	OKP – 1X	383	21/04/2006	30/10/2006
18.	OK – 15A	434	11/12/2006	28/12/2006



**DRILLING DYNAMICS
LIMITED**
OILFIELD SERVICES & CHEMICALS

19.	NDAW-2AST1	434	03/01/2007	17/01/2007
20.	OFRIMA-2ST		20/04/2007	21/05/2007
21.	UDELE – 2	555	04/06/2007	24/06/2007
22.	OFRIMA 3 & 3ST		31/12/2007	11/02/2008
23.	OKWORI – 16		10/04/2008	22/04/2008
24.	NP-7		02/08/2008	25/08/2008
25.	ND – 8GI		19/10/2008	26/12/2008
26.	OK – 19		01/04/2009	08/04/2009
27.	OK- 17H		01/05/2009	11/05/2009

**WELL DRILLED FOR ADDAX PETROLEUM DEVELOPMENT (NIGERIA) LTD
UNIT 207 ABOARD DWC-20, OWERRI (LAND RIG – OML 124)
FROM MAY, 2006 TO DECEMBER, 2008.**

S/n	Name of wells	Water Depth (ft)	Spud-Date	TD-Date
1.	OSSU – 12A		31/12/2006	16/02/2007
2.	OSSU – 13 A		16/01/2007	16/02/2007
3.	OSSU – 15		13/06/2007	01/07/2007
4.	OSSU – 16		15/08/2007	13/09/2007
5.	OSSU – 17		15/08/2007	13/09/2007
6.	OSSU – 18		24/03/2008	01/04/2008
7.	OSSU – 14A		25/11/2008	15/12/2008

**STERLING GLOBAL OIL RESOURCES LIMITED (SGORL)
UNIT 507 ABOARD DURGA-1 RIG, OWERRI (LAND RIG – OPL 277)
WELLS DRILLED FROM MARCH, 2008 TO OCTOBER, 2008.**

S/n	Name of wells	RKB-GL Depth (m)	Spud-Date	TD-Date
1.	AGU-1 (EXPLORATORY – DEVIATED)	6.5	10/03/2008	13/04/2008
2.	AGU-2 (APPRAISAL – DEVIATED)	6.5	19/05/2008	19/06/2008
3.	AGU-3 (APPRAISAL – DEVIATED)	6.5	09/09/2008	10/10/2008

**WELLS DRILLED FOR ADDAX PETROLEUM DEVELOPMENT (NIG.) LTD.
UNIT 107 ABOARD T209 RIG, OWERRI (LAND RIG – OML 124)
FROM AUGUST, 2008 TO NOVEMBER, 2008.**

S/n	Name of wells	Water Depth (ft)	Spud-Date	TD-Date
1.	IZ-21A/H		19/08/2008	10/11/2008
2.	NJABA – 2		05/12/2008	24/12/2008



**DRILLING DYNAMICS
LIMITED**
OILFIELD SERVICES & CHEMICALS

**STERLING OIL EXPLORATION & ENERGY PRODUCTION COMPANY LIMITED (SEPCO)
UNIT 407 ABOARD DURGA-1 RIG, KWALE (LAND RIG – OPL 280)
WELLS DRILLED FROM MAY, 2009 TILL DATE.**

S/n	Name of wells	RKB-GL Depth (m)	Spud-Date	TD-Date
1.	OKWUIBOME – 5 (EXPLORATORY)	10.50	12/06/2009	29/08/2009
2.	OKWUIBOME – 7 (APPRAISAL DEVIATED)	38.71	28/10/2009	26/12/2009
3.	OKWUIBOME – 9 (EXPLORATION / APPRAISAL (DEVIATED))	6.50	11/03/2010	28/04/2010
4.	OKWUIBOME – 10 (DEVELOPMENT)	6.50	25/07/2010	26/08/2010

**STERLING OIL EXPLORATION & ENERGY PRODUCTION COMPANY LIMITED (SEPCO)
UNIT 507 ABOARD DURGA-2 RIG, KWALE (LAND RIG – OPL 280)
WELLS DRILLED FROM MAY, 2009 TILL DATE.**

S/n	Name of wells	RKB-GL Depth (m)	Spud-Date	TD-Date
1.	OKWUIBOME – 6 (APPRAISAL DEVIATED)	6.50	24/09/2009	08/10/2009
2.	OKWUIBOME – 8 (APPRAISAL DEVIATED)	6.50	28/11/2009	27/12/2009

**SEPLAT PETROLEUM DEVELOPMENT COMPANY LIMITED
UNIT 607 & 507 ABOARD CAR-OIL 101 & T209 RIG (LAND RIG – OML 38)
WELLS DRILLED FROM JULY, 2012 TILL DATE.**

S/n	Name of wells	RKB-GL Depth (m)	Spud-Date	TD-Date
1.	OBEN-28			
2.	OROGHO-1	29.71	02/08/1988	21/09/2011
3.	OKPORURU			
4.	OBEN – 37	49.05		



DRILLING DYNAMICS
LIMITED
OILFIELD SERVICES & CHEMICALS

MOBIL PRODUCING NIGERIA UNLIMITED
CMS UNIT SK-001 ABOARD BALTIC RIG (LAND RIG – OMLs 70, 104)
WELLS DRILLED FROM JULY, 2012 TILL DATE.

S/n	Name of wells	RKB-GL Depth (m)	Spud-Date	TD-Date
1.	ABANG 3A (AA1)	65	08/08/2012	03/12/2012
2.	ABANG 4A (AA2)	65	17/08/2012	12/10/2012
3.	EBET-01		01/02/2013	
4.	AWAWA 13A PL		23/03/2013	07/04/2013
5.	AWAWA 14A HZ (ZZ4)		23/03/2013	11/06/2013
6.	AWAWA 15A ST HZ		24/06/2013	20/07/2013
7.	IYAK 21A (RD HZ)		23/10/2013	04/12/2013