

Coring Performance Overview Nigeria



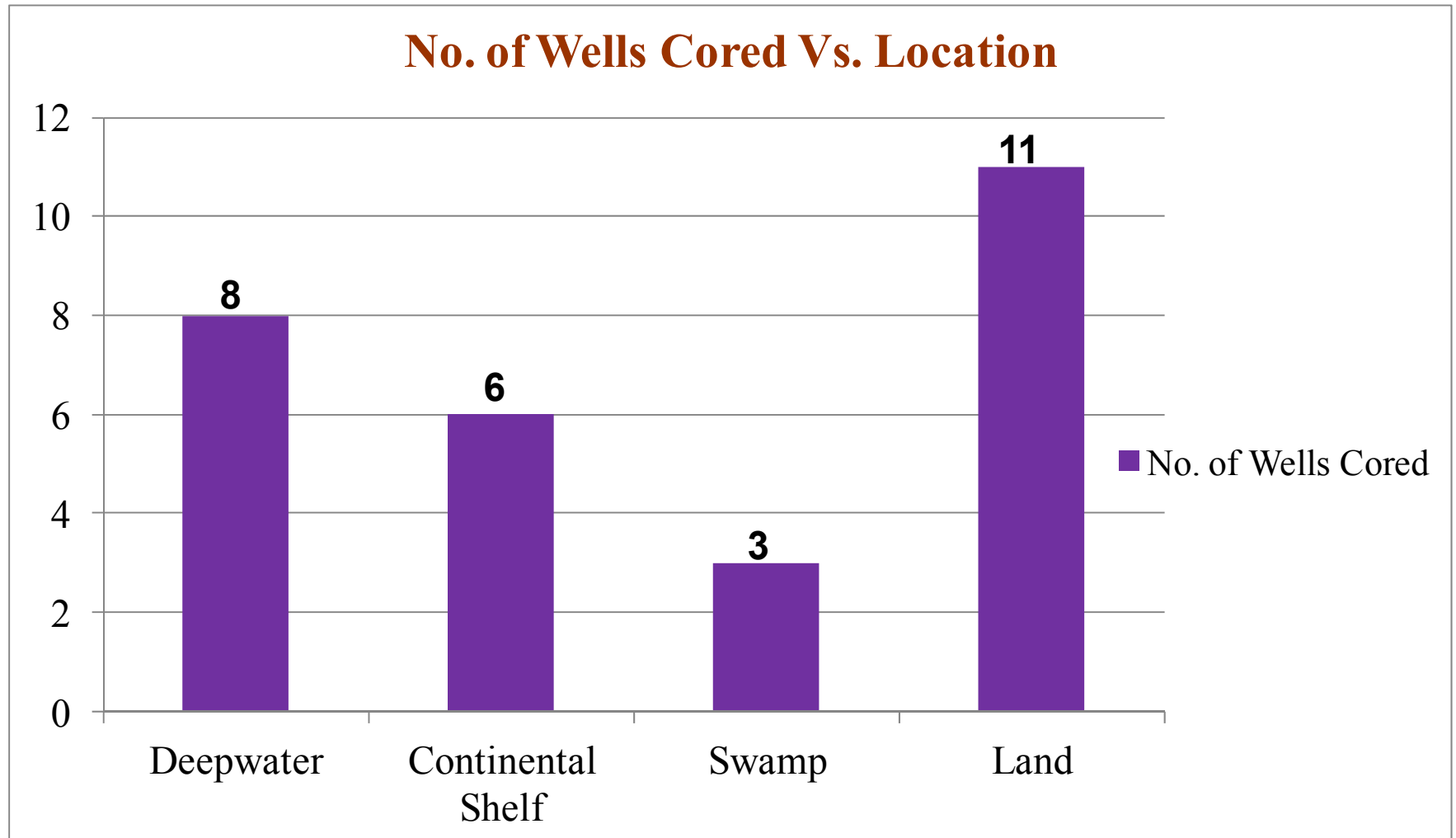
**Summary of the Past Five Years
(2011 – 2015)**



Coring Performance Highlights (2011-2015)

Location	Client	No. of Wells	Coring Depth Range (ft)	Water Depth Range (ft)	Max. Barrel Length (ft)	Min. Barrel Length (ft)	Avg. Barrel Eff. (%)
Deepwater	TOTAL, NAE, ExxonMobil, SNEPCO, Chevron	8	8,000 – 13,000	800 - 5000	120	60	73.4
Continental Shelf	TOTAL, Addax, Chevron	6	5,000 – 10,000	25 - 350	100	60	94.7
Swamp	SPDC, Seplat	3	7,000 – 13,000	8 - 12	100	100	82
Land	SPDC, Seplat, SEEPCO	11	8,000 – 16,000	-	180	40	79.1

Coring Performance Chart (2011- 2015)



Coring Performance Highlights (2011- 2015)

Location	Client	No. of Wells	No. of Runs	Footage Cut (ft)	Footage Recovered (ft)	Avg. % Rec.	Avg. ROP (ft/hr)
Deepwater	TOTAL, NAE, ExxonMobil, SNEPCO, Chevron	8	19	1021.97	911.48	75.8	20.5
Continental Shelf	TOTAL, Addax, Chevron	6	13	1100.5	1056.2	96	27.7
Swamp	SPDC, Seplat	3	4	279.5	270.04	96.6	23.4
Land	SPDC, Seplat, SEEPCO	11	24	1386.14	1149.91	82.3	22.9
Total		28	60	3788.11	3387.63		

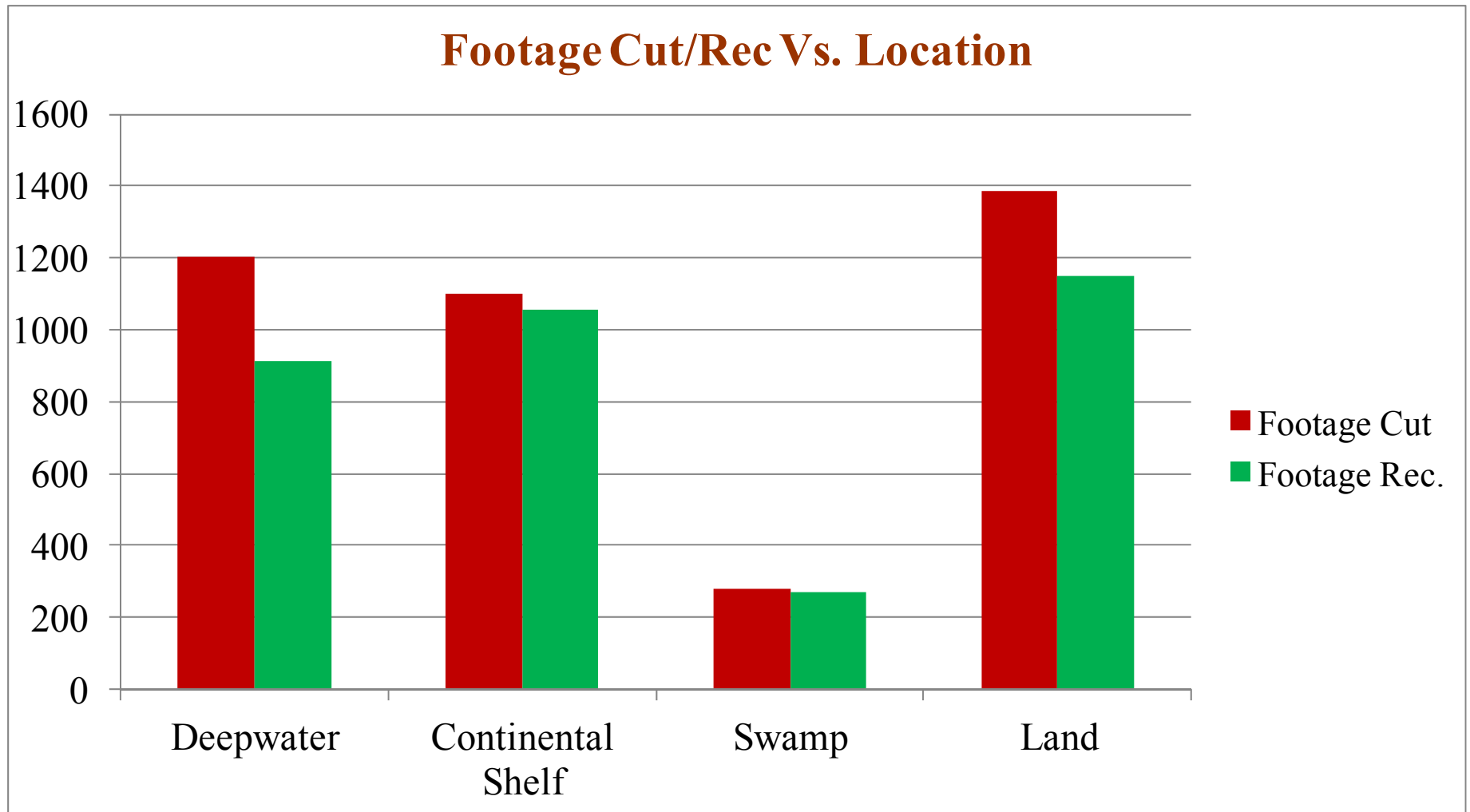
❖ **Average Cut Length: 63.13ft**

❖ **Average Recovered Length: 56.46ft**

❖ **Efficiency: 89.4%**



Coring Performance Chart (2011- 2015)



Coring Performance Highlights (2011- 2015)

Description	Deepwater	Continental Shelf	Swamp	Land	Total
No. of Runs	19	13	4	24	60
Average Flow-rate (GPM)	149	149	153	133	146 (Avg.)
Average WOB (KLB)	10	8	7	11	9 (Avg.)
Average RPM	68	65	60	67	65 (Avg.)
Core Jam Incident	11	2	2	6	21
NPT	2	0	0	0	2
Non-Conformance Report	2	0	0	0	2
Lost in Hole	0	0	0	0	0
Stuck Pipe	0	0	0	0	0
Equipment Damage	0	1	0	0	1
Accident/Injury to Personnel	0	0	0	0	0



HSE Performance

S/N	Performance Indicator	Target (2011 - 2015)	Actual (2011 – 2015)
1	Fatalities	0	0
2	LTI	0	0
3	RTA	0	3
4	NMI	0	27
5	First Aid	0	1
6	Emergency Drill	52	30
7	CASHES Meeting	60	58
8	Work Disruption (Community Issues)	0	3
9	Work Disruption (Ind. Act by Workers)	0	0
10	Stop Work (Unsafe)	0	30
11	Fire Incident	0	4
12	Accident Exposure Man-hour (Without LTI)	30,000	15,512
13	Property Damage	0	11
14	Equipment / Personnel Audit	10	10



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