	NEMC/2 - closed-in W/22S and 51L @				1 100	39%	1,396	794	1,267	2,061	NEMC022S	NEMC/2
ODEC/1 was manually s/d @ 1700hrs on 18/6/15 as part of efforts to reduce flaring. Flowing strings were: 2L/S, 4L/S & 9S. (5 strings). Facility to be restarted once Soku AG2 issues are resolved (LEC 30-June) or Belema AG restarted whichever comes first		20,288 Closed	40,587	52,213	1,062	29%	2,664	1,037	2,509	3,546	ODEC009S	ODEC/1
	17,624 Flowing	17,624	38,078	48,667	936	78%	167	618	178	796	NEMC002L	NEMIC/1
	17,457 Flowing	17,457	37,900	47,871	898	64%	483	959	538	1,497	NEMC054L	NEMC/2
	16,974 Flowing	16,974	37,362	46,374	851	49%	1,342	1,541	1,577	3,118	NEMC007S	NEMC/1
	15,632 Flowing	15,632	35,785	43,256	749	0%	4,976	15	6,644	6,659	NEMC073T	NEMC/2
	10,656 Flowing	10,656	29,141	36,597	733	62%	444	999	606	1,605	NEMC015L	NEMC/1
	10,212 Flowing	10,212	28,535	34,992	618	44%	836	1,067	1,354	2,421	NEMC020S	NEMC/2
	9,375 Flowing	9,375	27,181	32,571	576	0%	3,004	0	5,212	5,212	NEMC069T	NEMC/2
	6,371 Flowing	6,371	21,969	27,359	476	20%	433	228	908	1,137	NEMC006S	NEMC/3
	5,939 Flowing	5,939	21,061	26,222	467	2%	562	20	1,205	1,225	NEMC058L	NEMC/3
	5,377 Flowing	5,377	19,856	24,998	442	0%	1,449	2	3,282	3,284	NEMC072T	NEMC/2
	3,928 Flowing	3,928	16,574	21,714	430	53%	963	2,519	2,240	4,759	NEMC043L	NEMC/2
	2,964 Flowing	2,964	14,334	16,955	429	60%	446	1,576	1,039	2,615	NEMC015S	NEMC/1
	2,518 Flowing	2,518	13,295	14,340	380	46%	171	387	449	836	NEMC033S	NEMC/3
	2,347 Flowing	2,347	12,846	13,504	372	55%	100	324	269	593	NEMC055S	NEMC/1
	2,247 Flowing	2,247	12,577	12,911	311	58%	72	321	231	551	NEMC033L	NEMC/3
	2,175 Flowing	2,175	12,346	12,360	198	0%	695	2	3,512	3,515	SBAR011T	SBAR/1
	1,481 Flowing	1,481			182	0%	692	2	3,805	3,807	SBAR012T	SBAR/1
	788 Flowing	788	5,028	5,038	157	0%	788	9	5,028	5,038	SBARUTUT	SBAR/1
Remarks	Status Re	Gas	e Net Oil	e Gross oil e Net	(Theor)	(Theor)	(Theor)	(Theor)	oil (1	(Theor)	Well	Facility
	Well	Cumulativ Cumulative	Cumulativ	Cumulativ	FGOR	BS&W	Gas	Water	Total Net	Gross oil		
					Total	Total	Formation Total	Total		Total		

Total Net   Water   Gas   BS&W   FGOR   Cumulative   Gross oil   Formation   Integral   Total Net   Water   Gas   BS&W   FGOR   Cumulative   Gross oil   Formation   Gas   Gross oil   Formation   Gas   Gross oil   Formation   Gas   G			H H			Total							
1 ODECO02S 1,803 1,211 5592 1,937 33% 1,599 56,077 43,064 CODECO04L 3,123 965 2,158 1,756 69% 1,826 59,200 44,029 CODECO02L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516	Facility	Well	Gross oil (Theor)	Total Net oil (Theor)		nation or)	, E	-	Cumulativ e Gross oil	Cumulativ e Net Oil	Cumulative Gas	Well	Remarks
1 ODECO025 1,803 1,211 592 1,937 33% 1,599 56,077 43,064 2 ODECO04L 3,123 965 2,158 1,756 69% 1,826 59,200 44,029 2 NEMCO51L 3,465 717 2,748 1,310 79% 1,826 62,665 44,747 3 ODECO02L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													ODEC/1 was manually s/d @ 1700hrs on
1 ODECO02S 1,803 1,211 592 1,937 33% 1,599 56,077 43,064 2 ODECO04L 3,123 965 2,158 1,756 69% 1,826 52,665 44,747 3.  ODECO02L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516 5.													18/6/15 as part of efforts to reduce
ODECO025													flaring. Flowing strings were: 2L/S, 4L/S
ODECO02S													& 9S.(5 strings). Facility to be restarted
1 ODECO02S 1,803 1,211 592 1,937 33% 1,599 56,077 43,064 ODECO04L 3,123 965 2,158 1,756 69% 1,820 59,200 44,029 NEMCO51L 3,465 717 2,748 1,310 79% 1,826 62,665 44,747 ODECO02L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													once Soku AG2 issues are resolved (LEC
1 ODECO02S 1,803 1,211 592 1,937 33% 1,599 56,077 43,064  ODECO04L 3,123 965 2,158 1,756 69% 1,820 59,200 44,029  NEMCO51L 3,465 717 2,748 1,310 79% 1,826 62,665 44,747  ODECO02L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													30-June) or Belema AG restarted
. ODECO04L 3,123 965 2,158 1,756 69% 1,820 59,200 44,029  NEMCO51L 3,465 717 2,748 1,310 79% 1,826 62,665 44,747  ODECO02L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516	ODEC/1	ODEC002S	1,803			1,937	33%	1,599	56,077	43,064	23,621	Closed	whichever comes first
ODEC002L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													ODEC/1 was manually s/d @ 1700hrs on
ODECO04L 3,123 965 2,158 1,756 69% 1,820 59,200 44,029  NEMCO51L 3,465 717 2,748 1,310 79% 1,826 62,665 44,747  ODECO02L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													18/6/15 as part of efforts to reduce
ODECO04L 3,123 965 2,158 1,756 69% 1,820 59,200 44,029  NEMCO51L 3,465 717 2,748 1,310 79% 1,826 62,665 44,747  ODECO02L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													flaring. Flowing strings were: 2L/S, 4L/S
ODECC004L 3,123 965 2,158 1,756 69% 1,820 59,200 44,029  NEMCO51L 3,465 717 2,748 1,310 79% 1,826 62,665 44,747  ODECC002L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													& 9S.(5 strings). Facility to be restarted
ODECO04L 3,123 965 2,158 1,756 69% 1,820 59,200 44,029  NEMCO51L 3,465 717 2,748 1,310 79% 1,826 62,665 44,747  ODECO02L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													once Soku AG2 issues are resolved (LEC
ODEC004L 3,123 965 2,158 1,756 69% 1,820 59,200 44,029  NEMC051L 3,465 717 2,748 1,310 79% 1,826 62,665 44,747  ODEC002L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													30-June) or Belema AG restarted
2 NEMCO51L 3,465 717 2,748 1,310 79% 1,826 62,665 44,747 ODEC002L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516	ODEC/1	ODEC004L	3,123		2,158	1,756	%69	1,820	59,200	44,029	25,377	Closed	whichever comes first
2 NEMCOS1L 3,465 717 2,748 1,310 79% 1,826 62,665 44,747 ODEC002L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													NEMC/2 - closed-in W/22S and 51L @
ODEC002L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516	NEMC/2	NEWCOST	3776		1		200				14 0 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1700hrs 18/06/15 on high GOR due outage
ODEC002L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516	INCINIC/ Z	NEINICOSTE	3,405		7,748	1,310	%6/	1,826	62,665	44,747	26,687	Closed	of SOKU AG compressor.
ODEC002L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													ODEC/1 was manually s/d @ 1700hrs on
ODEC002L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													18/6/15 as part of efforts to reduce
ODEC002L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													flaring. Flowing strings were: 2L/S, 4L/S
ODEC002L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													& 9S.(5 strings). Facility to be restarted
ODEC002L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													once Soku AG2 issues are resolved (LEC
ODEC002L 2,096 769 1,327 1,947 63% 2,531 64,761 45,516													30-June) or Belema AG restarted
	ODEC/1	ODEC002L	2,096	769	1,327	1,947	%89	2,531	64,761	45,516	28,634	Closed	whichever comes first

		Total		Total	Total Formation Total	Total	Total					
		Gross oil	Gross oil Total Net Water		Gas	BS&W	FGOR	Cumulativ (	Cumulativ	Cumulativ Cumulativ Cumulative Well	Well	
Eacility	Mell	(Theor)	(Theor) oil (Theor)		(Theor)	(Theor)	(Theor)	e Gross oil e Net Oil Gas	e Net Oil	Gas	Status	Remarks
A TOP I												ODEC/1 was manually s/d @ 1700hrs on
												18/6/15 as part of efforts to reduce
												flaring. Flowing strings were: 2L/S, 4L/S
												& 9S.(5 strings). Facility to be restarted
												once Soku AG2 issues are resolved (LEC
												30-June) or Belema AG restarted
												whichever comes first
ODEC/1	ODEC004S	3,018	6963	2,055	5,040	%89	5,235	67,779	46,478		33,674 Closed	

Well Status	FGOR
Closed	15,175
Flowing	9,205
<b>Grand Total</b>	24,380

ODEC/1 was manually s/d @ 1700hrs on 18/6/15 as part of efforts to reduce flaring. Flowing strings were: 2L/S, 4L/S & 9S.( 5 strings) . Facility to be restarted once Soku AG2 issues are resolved (LEC 30-June) or Belema AG restarted whichever comes first

NEMC/2 - closed-in W/22S and 51L @ 1700hrs 18/06/15 on high GOR due outage of SOKU AG compressor.

## Ekomekido, Clementina SPDC-UIO/G/PNES1

From: Sent: Ikeobi, Chuks C SPDC-UIO/G/PNES1 Tuesday, June 30, 2015 12:13 PM

To: Subject: Ekomekido, Clementina SPDC-UIO/G/PNES1 FW: AG-2 issues and restoration activities.

From: Osasona, Sazy F SPDC-UIO/G/PMA Sent: Monday, June 29, 2015 2:28 PM

To: Oni, Olatunbosun OA SPDC-UIO/G/PNES; Ikeobi, Chuks C SPDC-UIO/G/PNES1

Cc: Oji, Eberechukwu E SPDC-UIO/G/PM; Adebisi, Olusola A SPDC-UIO/G/PNES1; Ovwagbedia, Arthur E SPDC-

UIO/G/PMA; Oleho, Austin M SPDC-UIO/G/PMA; Abioye, Taslim O SPDC-UIO/G/PMA

Subject: AG-2 issues and restoration activities.

L&G

## **Current Challenges**

- 4k Inspection was carried out on 30<sup>th</sup> April 2015. Unit was started and ran for 10minutes, but shutdown due to insufficient gas to carry out 72hrs test run.
- Gas supply restored 24<sup>th</sup> May 2015 post repair of leaking flash gas outlet line flange. Unit was started but failed on LP turbine mean exit temp high alarm.

## What we have done (24th May to 28th June)

- Carried out troubleshooting using both in-house expertise and OEM support.
- Progress on troubleshooting hampered as support from OEM stalled by contracting issues-Turbine controls (obsolete Rustronic Mark-2) specialist not resident in primary vendor. Primary vendor unable to properly secure the service of secondary vendor
- Continued troubleshooting with in-house resource. Awaiting advice from Mark-2 control specialist.

## Way forward-29<sup>th</sup> June-4<sup>th</sup> July 2015.

- Help to resolved PO issues between vendors and exploiting alternative avenue to procuring service of specialist
- Established alternative specialist resource outside usual OEM to support AG-2 controls issues on 29<sup>th</sup> June, 2015. – Retired EPS control Engineer in Dubai.
- On line support and troubleshooting using alternative specialist currently ongoing
- Complete restoration of AG-2 envisaged in the week LEC 4<sup>th</sup> July 2015.

Sazy