

Facility	Well	Total Gross oil (Theor)	Total Net oil (Theor)	Total Water (Theor)	Total Formation Gas (Theor)	Total BS&W (Theor)	Total FGOR (Theor)	Cumulative Gross oil	Cumulative Net Oil	Cumulative Gas	Well Status	Remarks
SBAR/1	SBAR010T	5,038	5,028	9	788	0%	157	5,038	5,028	788	Flowing	
SBAR/1	SBAR012T	3,807	3,805	2	692	0%	182	8,845	8,834	1,481	Flowing	
SBAR/1	SBAR011T	3,515	3,512	2	695	0%	198	12,360	12,346	2,175	Flowing	
NEMC/3	NEMC033L	551	231	321	72	58%	311	12,911	12,577	2,247	Flowing	
NEMC/1	NEMC055S	593	269	324	100	55%	372	13,504	12,846	2,347	Flowing	
NEMC/3	NEMC033S	836	449	387	171	46%	380	14,340	13,295	2,518	Flowing	
NEMC/1	NEMC015S	2,615	1,039	1,576	446	60%	429	16,955	14,334	2,964	Flowing	
NEMC/2	NEMC043L	4,759	2,240	2,519	963	53%	430	21,714	16,574	3,928	Flowing	
NEMC/2	NEMC072T	3,284	3,282	2	1,449	0%	442	24,998	19,856	5,377	Flowing	
NEMC/3	NEMC058L	1,225	1,205	20	562	2%	467	26,222	21,061	5,939	Flowing	
NEMC/3	NEMC006S	1,137	908	228	433	20%	476	27,359	21,969	6,371	Flowing	
NEMC/2	NEMC069T	5,212	5,212	0	3,004	0%	576	32,571	27,181	9,375	Flowing	
NEMC/2	NEMC020S	2,421	1,354	1,067	836	44%	618	34,992	28,535	10,212	Flowing	
NEMC/1	NEMC015L	1,605	606	999	444	62%	733	36,597	29,141	10,656	Flowing	
NEMC/2	NEMC073T	6,659	6,644	15	4,976	0%	749	43,256	35,785	15,632	Flowing	
NEMC/1	NEMC007S	3,118	1,577	1,541	1,342	49%	851	46,374	37,362	16,974	Flowing	
NEMC/2	NEMC054L	1,497	538	959	483	64%	898	47,871	37,900	17,457	Flowing	
NEMC/1	NEMC002L	796	178	618	167	78%	936	48,667	38,078	17,624	Flowing	
												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	ODEC009S	3,546	2,509	1,037	2,664	29%	1,062	52,213	40,587	20,288	Closed	NEMC/2 - closed-in W/22S and 51L @ 1700hrs 18/06/15 on high GOR due outage of SOKU AG compressor.
NEMC/2	NEMC022S	2,061	1,267	794	1,396	39%	1,102	54,274	41,853	21,684	Closed	

Facility	Well	Total Gross oil (Theor)	Total Net oil (Theor)	Total Water (Theor)	Total Formation Gas (Theor)	Total BSG&W (Theor)	Total FGOR (Theor)	Cumulative Gross oil	Cumulative Net Oil	Cumulative Gas	Well Status	Remarks
ODEC/1	ODEC002S	1,803	1,211	592	1,937	33%	1,599	56,077	43,064	23,621	Closed	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	ODEC004L	3,123	965	2,158	1,756	69%	1,820	59,200	44,029	25,377	Closed	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	NEMC051L	3,465	717	2,748	1,310	79%	1,826	62,665	44,747	26,687	Closed	NEMC/2 - closed-in W/22S and 51L @ 1700hrs 18/06/15 on high GOR due outage of SOKU AG compressor.
ODEC/1	ODEC002L	2,096	769	1,327	1,947	63%	2,531	64,761	45,516	28,634	Closed	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

Facility	Well	Total Gross oil (Theor)	Total Net oil (Theor)	Total Water (Theor)	Total Formation Gas (Theor)	Total BS&W (Theor)	Total FGOR (Theor)	Cumulative Gross oil	Cumulative Net Oil	Cumulative Gas	Well Status	Remarks
ODEC/1	ODEC004S	3,018	963	2,055	5,040	68%	5,235	67,779	46,478	33,674	Closed	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

Well Status	FGOR
Closed	15,175
Flowing	9,205
Grand Total	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: Ikeobi, Chuks C SPDC-UIO/G/PNES1
Sent: Tuesday, June 30, 2015 12:13 PM
To: Ekomekido, Clementina SPDC-UIO/G/PNES1
Subject: 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 30th April 2015. Unit was started and ran for 10minutes, but shutdown due to insufficient gas to carry out 72hrs test run.
- Gas supply restored 24th 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-29th June-4th 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 29th 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 4th July 2015.

Sazy



The Managing Director,
Aiteo Eastern E&P Company Limited
11A Pope John Paul II Street,
Maitama,
Abuja, Nigeria
Attention: Mr. Emmanuel Ukegbu

**The Shell Petroleum Development
Company of Nigeria Limited**

Freeman House
21/22 Marina, Lagos
P. M. B 2418 Lagos Nigeria
Tel +234(0) 80702 25174
Telex +234 (0)1 2601600
Internet www.shellnigeria.com

18th June, 2015

Our ref: SPDC-2015-06-114

Dear Sir,

Re. Transition Operations - OML 29 Associated Gas flows to NLNG via Soku

This is to inform you that due to operational issues at Soku, the associated gas processing facility is currently down and out of operation. Therefore, we are currently unable to process any associated gas that is flowing from OML29 to NLNG through the SPDC JV facility at Soku.

This has resulted in significant non-routine flaring at the OML 29 facilities. We expect this condition to persist until the problem at Soku is resolved, which based on our latest estimate is end June 2015.

In line with our standard operating practice for managing extended non-routine flaring, we have to cream off wells of high gas oil ratio (HGOR wells) to reduce the flared gas. For OML 29 fields, this means cutting back on associated gas production with resultant production deferment.

Please note that in line with your obligations under the Transition Operations Agreement, you will need to immediately apply to the Department of Petroleum Resources for flaring waiver permit to cover the residual flaring after the cut back as notified in this letter. A sample template for waiver permit is attached for your benefit.

We assure you that we will continue to monitor progress on the restoration of operations at the associated gas facilities in Soku and its availability to receive normal production from OML 29.

Yours faithfully,

For: The Shell Petroleum Development Company of Nigeria Limited

Nnamdi Wali
Operations Completions and Handover Manager

Encl.

Attention:

The Director,
Department of Petroleum Resources (DPR),
7, Kofo Abayomi Street,
Victoria Island, Lagos.

Date

Your ref:

Our ref:

Dear Sir,

Application for Temporary Flaring Permit on OML 29 Fields

In compliance with DPR's gas flaring guidelines in Part III, Section 1, subsection 3.8.8, page 52 EGASPIN (Revised Edition 2002), AITEO wishes to apply for a gas flaring waiver due to unscheduled downtime of third party associated gas processing facilities.

Date	Cause	Maximum Gas Flare Rate
Total		

We would like to assure you of our continued commitment towards complying with regulatory provisions despite certain operational constraints that may lead to occasional gas flaring.

Yours faithfully,