INCIDENT NO: 143201) JIV report S/N:

Nº 0000028

(Note: As practicable as possible the JIT report is to be signed in the field by all the participating parties) A. GENERAL INFORMATION: 1. Spill incident Number: 1432011 2.Type of incident* O1L STILL 3. Name of Location 28" MKPOKU - BOMY PIPELINE 4. Name of nearest community B-DERE 5. State: RIVERS 6. LGA GOKAMA 7. Type of Production facility/Installation OIL PIPELINE 8. Asset owner/District SPDC / PIPELINE **B. INCIDENT INFORMATION:** Details of incident 30 June 2015 9. Details of incident b. Start date/time of investigation: 151 JULY, 2015 /12:50 PM. c. Investigation End date: 151 July, 2015 Actual investigation duration, days: ONE 4) DAY. d. Description of spill point environment Loose soil Recently excavated area Firm soil ☐Exposed pipe surface □ Swampy Under water DrillRig ☐Well Platform (on Water Additional observations around the spill point: e. Description of leak point (tick as applicable); ☐ Tear (☐ Hack saw cut ☐Drilled hole ☐ Well head tampering Inward dent, ☐Complete Rupture ☐ Failed Clamp, ☐ Missing Pipeline/Flowline Failed Weld-on illegal hot tap valve ☐ Third party tampering with Clamp Crude oil theft (illegal bunkering) point, ☐ Saver-pit over flow ☐ Third party tampering with flange, ☐ Bulging Outward ☐ Third party tampering with valve setting Cold vent ☐ Surge vessel overflow, ☐Flare System/Bund wall failure Accidental 3rd party equipment impact ☐ Relief valve failure ☐ Valve Failure Others(specify) f. Incident caused by: Third party interference (Sabotage□;crude theft□; Line theft□; Accidental 3rd party damage□) Others (including Mystery spills) Operational

^{*}This can be: a) Oil Spill b) Deilling fluid Chemical c) Siltation d) construction c) Encroachment f) Fire.

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g. Spill point coordinates			
h. Measuring unit WG584			
Northing: (LATITUD Z)	Easting: CLONGTIND &	3	
4.6928	7.25369		
C. RISK ASSESSMENT			
10. Type of environment:			
Land Swamp DWater	☐Seasonal swamp ☐S	horeline/	Waterfront
i. Type of environment to which oil has spread:			
☐Land ☐Swamp ☐Water	River (identify)		_
ii. Weather condition			
□Rain ☑Sunny □Dry □Wet	□Windy □Hot	Cool	
11. Distance from the nearest sensitive habitat			
Government reserved and designated protected area Drinking water source Built up area Farmlands Fish Farm/Pond Fishing net Others (specify).	. [m]		
12. Containment measures put in place;	•		
□Booms □Trench □Dyke	Natural depression	Pit	□None
Others:			
13. Any pictures or video coverage?	[N]		
14. Further response/repair initiated as at the time of JIV?	. [N]		
If yes to item 14, give brief description: RELOVERY ACTIVITES ON GOIN	1G. REPAIR We	KK	NAS
DONE BY CLAMPING.			
15. Was there any disruption to the investigation?	[Y] [N]		

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f yes to item 15 give brief de	Scription:	CAR	ble.			
D. TYPE/NUMBERS OF I		ANY, FOUND	WITHIN THE	AREA OF S	PREAD OF OIL	_
N Type of Structures	Description	Size	Number	[C	omments	
NONE X	HHM	ARE	OF	IMPA	CI.	
17. Crops/Economic Tre	<u>.</u>	<u> </u>	<u> </u>			_]
I BAMBOO IREE		Medium	Matured	Quantity	Comments	\exists
) BAP BUU IREE				FEW	PH SPILL	7
						\exists
. T	<u> </u>					_1
18. Fishing Nets/Fish Po		Г	0414-161	C		¬
Nets/Pends	Description		Quantity/Size	Comments		-
Monta	1111111	TRE	()) 1	MIDA	CI	
		719 - 0		<i>/ ` [' '</i>		-
19. Others (Specify) i.e.	Animal Traps	<u> </u>				
N Others	Description		Quantity/Size	Comments		
HAND 11	KHIN!	- AD \$	A MI		28 15	\dashv
MOW C	1 (/ 1/ //	/ 	<u> </u>	1141	//= \. /	╛
GRAPHIC DESCRIPTION	N OF LEAK DA	OINT (subile d	atail sanget of the	a lauk najut s	hould be contained i	
ie leak report, overview sketo	h of the site should	d be added as a	n appendix 1)	. *		
on of 28" NK	Poku -1	tomu p	1PELIME	AT 13	DERE SH	<i>√0\</i>
F OIL THEFT	YDINIT A	1 12 (" CLOCK	Posin	on	
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*		Page 3 of 8		_		
				- >		
FROM	NKpoku	TO BOX	7 V .			

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F: TABLE SHOWING SOME OF COORDINATES TAKEN DURING JIV FOR AREA CALCULATION

20. Impacted area boundary Coordinates (If more, Print and attach as an appendix)

	WU5 84	<u></u>	
S/N	Northing LATITUPE	Easting LONCUTUDE	
	4.69274	7. 253 64 7. 25363 7. 25371	
	<u> </u>	7, 25364	
	4.69 272 4.69 282	7.25363	
	4.60 262	7. 25085	
	4.69285	7. 253.71	
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G. INCIDENT INFORMATION:
a. Impacted Area Details
Total calculated area of impact Impact within R.O.W Impact outside R.O.W No
b. Volume of oil recovered before completion of JIV (V _{recJ}): Recovered oil V _{recJ} : A Barrels
Controlled recovery/evacuation from source with no impact to environment: NIL Barrels
c. Net Estimated Spilled VolumeV _{Est} (bbls)* =
1. 92 BARRELS Estimated Reported Volume** V _{rep} (bbls)= 2 BARRELS.
Estimated Reported Volume** V _{rep} (bbls)= 2 BARRELS.
*Notes: Volume estimation was done using an excel based tool, (see attached for details on the calculation) Reported spilled volume is an estimate Write other relevant notes taken into consideration for estimating the spilled in the box below:
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimation software on site; Conversion of m ³ to barrels is Volume (m3) x 6.29: **Round up estimated volume to next whole number using the following rules: Any spill volume in excess of -1 bbl - is rounded up to the next whole number.
Anv spill volume in less than - 1 bbl — is rounded up to the next 0.1 bbf.
Examples: Calculated volume = 15.3 bbl Reported volume = 16 bbl Calculated volume = 0.35 bbl Reported volume = 0.4 bbl Calculated volume = 0.01 bbl Reported volume = 0.1 bbl
Wherever this estimation tool is not applicable please refer to paragraph be (Deviations) of the AV procedure to use appropriate steps for volume estimation, record the calculation in a plant sheet of paper and attach to the AV report.

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d. General Status of the site	
i. Joint investigation of the incident site found that there is no residual impact after the initial therefore recommend that the site be closed out	response and JIT
ii. Investigation of the incident site showed that there is residual impact on site requiring furthing	r works
e. Representatives	
This report was filled, agreed and signed by the following joint investigation team represen	tatives:
Host Community:	
Department of Petroleum Resources [DPR]:	;
National Oil Spill Detection and Response Agency [NOSDRA]:	
State Ministry of Environment [SME]:12	
Asset Owner:	
Signatories agree with reported findings:	
• Separate DPR form has been filled out with same findings	
7	ick as applicable

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f. Appendix 1: Overview sketch of the site

