1382546 INCIDENT NO: 00008 JIV report S/N:

(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: 1382546 2. Type of incident. G.L. STILL 3. Name of Location 28" BOMU - BONNY TRANS NIGGR PIRELINE
4. Name of nearest community - DIOMA 5. State: RIVERS 6. LGA BONNY 7. Type of Production facility/Installation OIL PIPELINE 8. Asset owner/District SHELL PETROLEUM DEVELOPMENT CEMPANY OF (NIG) LTD B. INCIDENT INFORMATION: 9. Details of incident a. Date of incident: 3^{PL} APRIL, 2015 b. Start date/time of investigation: 9TH MAY, 2015 c. Investigation End date: 9TH MAY, 2015 Actual investigation duration, days: THE DAT. d. Description of spill point environment Recently excavated area Firm soil Exposed pipe surface Under water ☐Well Platform (on Water DrillRig Additional observations around the spill point: GUIDENCE OF HOSE CONNECTION THE THEFT POINT WAS SIGHTED BY THE INCESTIGATING (CAM e. Description of leak point (tick as applicable); Tear (□Drilled hole ☐ Hack saw cut ☐ Well head tampering Complete Rupture ☐ Inward dent. ☐Failed Weld-on illegal hot tap valve ☐ Failed Clamp, ☐ Missing Pipeline/Flowline Crude oil theft (illegal bunkering) point, ☐ Saver-pit over flow Third party tampering with Clamp ☐ Third party tampering with flange, Third party tampering with valve setting ☐ Bulging Outward ☐Flare System/Bund wall failure ☐Cold vent ☐ Surge vessel overflow, Accidental 3rd party equipment impact ☐ Valve Failure Relief valve failure ☐Others(specify)_ f. Incident caused by: Third party interference (Sabotage : crude the ft : Line the ft : Accidental 3rd party damage :

☐Others (including Mystery spills)

☐ Operational

^{*}This can be: a) Oil Spill b) Drilling fluid/Chemical c) Siltation d) construction e) Encroachment f) Fire,

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INC	IDEN I NO:	<u> </u>	JIV repo	ort S/N:	
g. Spill point coo	rdinates				
h. Measuring unit		Was	QLL .		
Northing:	·	149	Easting:		
4	1.451618	3	12.1787	1746	
			7 7 7 7 7	_11.0	
		100	•		07.
			,	/	CVI_
C. RISK ASSESSIN	 RENT		<u> </u>		
10. Type of envir					
to. Type of cityle	omnem.				
Land	Swamp	□Water	☐ Seasonal sw	amp 🏻 Sho	reline/Waterfront
і. Тур	e of environment to w	hich oil has spread:			
□Land	Swamp	□Water	☐River (id	entify)	
ii. Wea	ther condition				
□Rain	D Sunny ∣	□Dry □Wet	□Windy f	I Hot □	cool
	n the nearest sensitive	•	·· ·· ·· ·· ·		
	ds m/Pond net	gnated protected area	, [,] , [,] , [,]		LE SEEN THIM CIMITY
12. Containment	measures put in place				
Booms	·	rench D Dyke	□Natural depre	ession 🗹	∕ Pit □None
. Others:_					
13. Any pictures	or video coverage?		[Y]/[N	1	
14, Further resp	onse/repair initiated as	at the time of JIV?	[Y] / [N]	
If yes to item 14, give br	ief description:	,	_		_
	· —	PERKEY	REPAIR	WORK	ВЧ
SCREU	4 CAPPIN	G ·			
15. Was there an	y disruption to the inv	estigation?	[Y] [N	V	

INCIDENT NO:	JIV report S/N:
If yes to item 15 give brief description:	
NOR APPLI	CABLE
D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOU	IND WITHIN THE AREA OF SPREAD OF OIL
16. Structures / Properties	
S/N Type of Structures Description Size	Number Comments
NEAL LIVE AND A	OF A ST IMPACT
1 10 11 11 11 11	A Chiraci
17. Crops/Economic Trees	
S/N Type of crops Young Medium	Matured Quantity Comments
NANG LITER A KOC	A - IMP & CT
TABLE MILITA TIKE	- PA CO UNIT THE I
18. Fishing Nets/Fish Ponds	
S/N Nets/Ponds Description	Quantity/Size Comments
NI SIC I I TO SIC A CO	C à - + 11 10 (
TONE MITTER TR	OF INVACI
19. Others (Specify) i.e. Animal Traps	
S/N Others Description	Quantity/Size Comments
THAT CHUCK YOU	26-A -C MO667
MILE KILLETING	
E. GRAPHIC DESCRIPTION OF LEAK POINT (while	e detail report of the leak point should be contained in the
leak report, overview sketch of the site should be adde	BONNY. TRANS NIGER PIPELINE AT
GTOKALOMABIE TLOMA SHOW	SING ILLEGAL BUNKERING
AROUND THE THEFT 15" HOSE	
POINT DUE TO BUNKEMCONNECTIONS	THEFT FITTING INSTALLED
NOTHILL DIRE TO PRINTED TO DELLE TO DEL	AT 12° CLOCK POSITION.
TNP 1	28" TNP
Bomy - BENN Page :	POPLINE.

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

20.	Impacted area boundary Coordinates (If mo	re, Prifti Indiattach as an appendi	x)
S/N	Northing	Easting	· - -
	4.45165	7.17876	• .
	4.4516	7.17880	
	4.45156	7.17-876	
	4.45161	7.178 73	
	4.45151	7.17885	
	4.45164	7.17899	``
	4.45177	7.17882	<u> </u>
•	4.4515866	7.17.86 823	
		7	
		/	<u></u>
	<u> </u>		
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		(COC)	
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			<u></u> -
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G. INCIDENT INFORMATION:
a. Impacted Area Details
Total calculated area of impact 0.05HA
Impact within R.O.W Impact outside R.O.W Impact outside R.O.W Impact outside R.O.W
b. Volume of oil recovered before completion of JIV (V _{recl}): Recovered oil V _{recl} : NtL Barrels
Controlled recovery/evacuation from source with no impact to environment: N(L Barrels
c. Net Estimated Spilled VolumeV _{Est} (bbls)* =
Estimated Reported Volume** Vrep(bbls)= 5 BARRE(s
Estimated Reported Volume** Vrep(bbls)= 5 BARRES
*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: 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 w ¹ 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 counded up to the next whole number.
 Any spill volume in less than - 1 bbl - is rounded up to the next 0.1 bbl.
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 6c (Deviations) of the AV procedure to use appropriate steps for volume estimation; record the eal adation in a plain sheet of paper and attack to the AV report.

JOINT INVESTIGATION 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 i therefore recommend that the site be closed out	nitial response and JIT
ii. Investigation of the incident site showed that there is residual impact on site requiring	further works
e. Representatives	
This report was filled, agreed and signed by the following joint investigation team rep	resentatives:
Host Community:	
Department of Petroleum Resources [DPR]:	
National Oil Spill Detection and Response Agency [NOSDRA]:	
State Ministry of Environment [SME]:	
Asset Owner:	
Signatories agree with reported findings:	
Separate DPR form has been filled out with same findings□	
	Tick as applicable

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f. Appendix 1: Overview sketch of the site

