INCIDENT NO: 00005 3978 6 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: 1397.816	2.Type of incident*	OIL SP	<u>'ILL</u>
3. Name of Location 10" DIEBU CI	REEK - NUN	RIVER	PIPELINE -
4. Name of nearest community OPORDM			and the second second
7. Type of Production facility/Installation 011	PIPELINE	. '	
8. Asset owner/District THE SHELL PETROL	EUM DEVELOPME	NT COMPAN	IY OF NIGERIA
B. INCIDENT INFORMATION:		L-Y	MITED/PIPEL INE
9. Details of incident a. Date of incident: OTH MAY b. Start date/time of investigation: 18 TH c. Investigation End date: 8TH MAY 20 d. Description of spill point environment Description of spill point environment Under water Well Platform (on Water DrillR Additional observations around the spill point: SECTION BY THE JOINT INVEST COATING AROUND TWO NO. OF NOTICED TO HAVE BEEN REMONN SITE 13 LIGHT BROWN MAI	MAY, 2015/11 15Actual investigation durate soil py (SEASONAL) ig ON EXPOSURE TIGATION TEAM, SERVED HACK SAI	Recently excar	Vated area
e. Description of leak point (tick as applicable); Drilled hole Complete Rupture Failed Weld-on illegal hot tap valve Crude oil theft (illegal bunkering) point, Third party tampering with valve setting Flare System/Bund wall failure Valve Failure Others(specify)	Hack saw cut Inward dent, Failed Clamp, Saver-pit over flow Bulging Outward Cold vent Relief valve failure	☐ Third party	eline/Flowline tampering with Clamp tampering with flange,
f. Incident caused by: Third party interference (Sabotage 2; crude the Company of the Company o	heft□; Line theft□; Acciden Mystery spills)	ntal 3 rd party dama	ige □)

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

INCIDENT NO: 139 JIV report S/N: g. Spill point coordinates NGS h. Measuring unit Easting: Northing: 6-10685 C. RISK ASSESSMENT 10. Type of environment: Seasonal swamp ☐ Shoreline/Waterfront ■ Water Land □ Swamp Type of environment to which oil has spread: Water (CREEK) River (identify) Land ii. Weather condition □cool **Z**Rain □Wet □Hot Dry ■Windy ☐ Sunny 11. Distance from the nearest sensitive habitat Government reserved and designated protected area ,m] ,m] □ Drinking water source ,m] Built up area Farmlands ,m] ,m] □ Fish Farm/Pond ,m] ☐ Fishing net ☑ Others (specify).RAFFIA PALM IMPACTED BY SPILL. 12. Containment measures put in place; Pit Dyke Natural depression ■None Booms Trench . □Others: [X] [N] 13. Any pictures or video coverage? [Y] [N] 14. Further response/repair initiated as at the time of JIV? If yes to item 14, give brief description: RECOVERY OF FREE-PHASE OIL WAS DONE WHILE REPAIRS WERE

RECOVERY OF FREE-PHASE OIL WAS DONE WHILE REPAIRS WERE EFFECTED ON THE AFFECTED SECTION OF PIPELINE BY CLAMPING.

15. Was there any disruption to the investigation?

[Y] [N**]**

D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL

JIV report S/N:

INCIDENT NO: 1397816

If yes to item 15 give brief description:

								_	
Type of Struct	ures	Descriptio	n Size	Number			Comm	ents	
	-			<u> </u>	***	- 1			
DVIE	<u> </u>	V1714	N HK	HA	[]	-44	MYA	\leftarrow	
	<u></u>	K I LU	11/2	<u> </u>	<u> </u>		11 7 3	<u> </u>	
		<u>.</u>							
17. Crops/Econom	nc Trees								
Type of crops	Young		Medium	Mature	d Q	uanti	ty	Comm	ents
			<u> </u>		W	Then	H AN	WITE	HN
PAL M	<u> </u>				- AR	EA	0F		MPACTE
	_							RAIN	FOREST.
<u> </u>	<u> </u>			i		-10	Ha.	<u> </u>	
18. Fishing Nets/F		<u>.</u>		•			· 10 		
Nets/Ponds		escription_		Quantity/	Size Com	men	ts ,		
				<u> </u>		1.	4 04 6		
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-J.,				_ 					
19. Others (Specif	y) i.e. Ar	nimal Traps							
Others		Description		Quantity	Size Co	mme	nts		
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				<u> </u>			٠.		
RAPHIC DESCE	RIPTION	OF LEAK	POINT (while	detail report	of the leak p	oint.	should b	e contain	ed in the
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N OF	10"	MFRI	U CREE	K 1	JUN F	(IV	EK	r (PE	トルに
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			FROM 1	NEBU (REFK	To	NiN		0
	Type of crops RAFFIA PALM 18. Fishing Nets/F Nets/Ponds 19. Others (Specification of CLO) EFFECTIV	Type of crops Young RAFFIA PALM 18. Fishing Nets/Fish Ponds Nets/Ponds 19. Others (Specify) i.e. Ar Others CRAPHIC DESCRIPTION leak report, overview sketch NOF 10" ROMA SHO O' CLOCK EFFECTIVE CUTS. 1	Type of crops Young RAFFIA PALM 18. Fishing Nets/Fish Ponds Nets/Ponds Description 19. Others (Specify) i.e. Animal Traps Others Description GRAPHIC DESCRIPTION OF LEAK leak report, overview sketch of the site s N OF 10" DIEB ROMA SHOWING O' CLOCK EFFECTIVE CUTS. LENG	Type of crops Young Medium RAFFIA PALM 18. Fishing Nets/Fish Ponds Nets/Ponds Description 19. Others (Specify) i.e. Animal Traps Others Description CRAPHIC DESCRIPTION OF LEAK POINT (while leak report, overview sketch of the site should be added NOF 10" DIEBU CREE ROMA SHOWING 2 NO. O' CLOCK EFFECTIVE CUTS. LENGTH OF EFF LLLEGAL POLYETHYLENE DE-COATING.	Type of crops Young Medium Mature RAFFIA PALM 18. Fishing Nets/Fish Ponds Nets/Ponds Description Quantity/ 19. Others (Specify) i.e. Animal Traps Others Description Quantity RAPHIC DESCRIPTION OF LEAK POINT (while detail report leak report, overview sketch of the site should be added as an appeal	Type of crops Young Medium Matured Quartity Size Com RAFFIA HAM HAM 18. Fishing Nets/Fish Ponds Nets/Ponds Description Quantity/Size Com 19. Others (Specify) i.e. Animal Traps Others Description Quantity/Size Com Others Description Quantity/Size Com RAPHIC DESCRIPTION OF LEAK POINT (while detail report of the leak pleak report, overview sketch of the site should be added as an appendix 1) N OF 10" DIEBU CREEK NUN FROM SHOWING 2 NO. HACK SAW CUT 2. LENGTH OF EFFECTIVE CUT LENGTH OF EFFECTIVE CUT LLLEGAL Paly ETHYLENE DE-COATING. Page 3 of 8	Type of crops Young Medium Matured Quantity RAFFIA WITHING APPROXIMATION OF LEAK POINT (while detail report of the leak point leak report, overview sketch of the site should be added as an appendix 1) NOT ON BEBUCKEEK NUN RIV ROMA SHOWING 2 NO. HACK SAW O' CLOCK EFFECTIVE CUTS. LENGTH OF EFFECTIVE CUTS. LENGTH OF EFFECTIVE CUTS. Page 3 of 8 Page 3 of 8 Page 3 of 8 Page 3 of 8	Type of crops Young Medium Matured Quantity RAFFIA WITHIN AN ARFA DE APROXIMATEN PALM PALM PALM PROXIMATEN Nets/Ponds Description Quantity/Size Comments 19. Others (Specify) i.e. Animal Traps Others Description Quantity/Size Comments Others Description Quantity/Size Comments RAPHIC DESCRIPTION OF LEAK POINT (while detail report of the leak point should be leak report, overview sketch of the site should be added as an appendix 1) N OF 10" DIEBU CREEK — NUN RIVER ROMA SHOWING 2 NO. HACK SAW CUT HACK SAW CUT HACK SAW CUT HACK SAW CUT CUT WITH 40MM CUTS. LENGTH OF EFFECTIVE CUT Page 3 of 8 Page 3 of 8	Type of crops Voung

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

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

	· Maz	84
S/N	Northing	Easting
	4.789394	6-108621
	4.789394	6 108978
	4.7908	6.10704
	4.79083	6.1068
	479057	6.10654
	4.79056	6.10633
	4.78569	6.10649
•	4.78524	6.10674
	4.78468	6.10712
	4.783897	6.108359
	4.78447	6.10704
	4.7868	6.10529
	4.787562	6.104781
	4.788514	6.104457
-	4.785161	6.105607
	4.789309	6.105816
	4.785094	6.10966
	/	
		1

INCIDENT NO: 000051397816 JIV report S/N:

G. INCIDENT INFORMATION:	
a. Impacted Area Details	
Total calculated area of impact 25.83HA	_
Impact within R.O.W	
Impact outside R.O.W	_
b. Volume of oil recovered before completion of JIV (V _{rec.l}): Recovered oil V _{rec.l} : 11.6	Barrels
Controlled recovery/evacuation from source with no impact to environment: NIL Barrels	
c. Net Estimated Spilled VolumeV _{Est} (bbls)* = 3,359.95	
Estimated Reported Volume** V _{reg} (bbls)= 3,360 BARRELS	
*Notes: Volume estimation was done using an excel based tool, tsee 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:	
NOT APPLICABLE	

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^2 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.
- Any spill volume in less than 1 bbl is rounded up to the next 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 eak idation in a plain sheet of paper and mask to the AV report

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ď	General	Status	of the	site
u.	OCHUIAI	Dialus	OI LHO	3114

i.	Joint investigation of the incident site found that there is no residual impact after the initial response a therefore recommend that the site be closed out	and JIT
ii.	Investigation of the incident site showed that there is residual impact on site requiring further works	ß

e. Representatives

This report was filled, agreed and signed by the following joint investigation team representatives:

- 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

