INCIDENT NO: 2993589 JIV report S/N:0000909

(Note: As practicable as possible the JIT report is to be signed in the field by all the participating parties)

A. GENERAL INFORMATION:					
1. Fountain Incident Number: 2993589	2. Type of incident*	OIL SPILL			
3. Name of Location NUNRIVER 3" WELL 13T FLOWLINE					
4. Name of nearest community OPOROMA 5.		GA SOUTHERN LITAK			
7. Production Facility/Installation	F1., 11., 1-				
	RIM DEVEL NO	MENT CAMPANY			
8. Asset Owner/Hub HE SHELL PETROL OF NIGERIA LIMITE B. INCIDENT INFORMATION:	(SPDC) EAST	HUB			
S. H. C. B. H. L. G. G. M. T. G. L.					
9. Details of incident a. Date Reported: 171H July 2021					
b. Start date/time of Investigation: July	1,202113451RS				
c. Investigation End date: 22 July, 20	Day(s) on si	te: ONE DAY			
d. Description of spill point environment					
Firm soil Loose soil	il 🔲	Recently excavated area			
☐Under water ☐Swampy		Exposed pipe surface			
☐Well Platform (on water) ☐Drill Rig		Sand bag(s)			
Additional observations around the spill point:					
1	1 0 1 0 10 1				
NO 1 7	tpp Licabl				
e. Description of leak point (tick as applicable);		STEP STEEL			
Smooth round-edge hole	☑Rough-edge hole	☐ Hack saw cut			
☐Complete Rupture	☐ Inward dent,	☐ Well head tampering			
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 valve setting	Bulging Outward	☐ Third party tampering with flange,			
Flare System/Bund wall failure	☐Cold vent	☐ Surge vessel overflow,			
☐ Valve Failure	Relief valve failure	Accidental 3rd party equipment impact			
☐ Tear ()					
Others (specify)					
f. Incident caused by:					
☐ Third party interference (Sabotage ☐; crude theft ☐; Line theft ☐; Accidental 3 rd party damage ☐)					
Operational Others (including Mystery spills)					

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^{*}This can be: (a) Oil Spill (b) Drilling fluid/Chemical (c) Siltation (d) Water Leak (e) Fire (f) Non-leaking theft point removal

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h. Me	easuring unit	Mc	884			
	Northing:	-25-2		Easting:		
	3	4.800309		6.08	8302	
			/		0000	/
C. RISI	K ASSESSMEN	т				
10.	Details of Envi	ronment				
i.	Type of env	vironment where	spill occurred (se	lect one):		
	Land	□Swamp	□Water	☐Seasonal sw	vamp	reline/Waterfront
ii.	Type of en	vironment to whi	ch oil has spread:			
	Land	□Swamp	□Waterbody	(specify)		
iii.	Weather co	ondition '		1		
		□Wet	\square Windy	☑Hot		
11.	Distance to Se	nsitive habitat wi	thin 100m radius			
	□ Drinking v □Surf □ Built up A	ace water	signated protected Borehole Commercial/Industria	Î I	,m] ,m] ,m] ,m, [m, ,m] ,m]	NE SEEN THIN VICINIT
12.	Containment me	easures put in place	e:			
	□Booms □	Trench Dyke	Pit 🖾 Na	tural depression [□None	
	Others:					
13.	Any pictures or	video coverage?		[x/]	[N]	
14.	Further respon	se/repair initiated	as at the time of JI	V? [Y]	[X]	
f yes to i	item 14, give brief	description:				
200						

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15. Was there any disruption to the investigation?
If yes to item 15 give brief description:
NAT ADDICADIT
NUI APPLICABLE.
16. Was JIV delayed? [Y] [N]
Reason(s):
☐ Delayed Community Access Approval ☐ Security Challenges ☐ Access constraint due to terrain
Others (specify) NOT APPLICABLE
D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL
17. Structures / Properties
S/N Type of Structures Description Size Number Comments
MANIE CEEN INTHININA NEW AT INDOCET
THUM SUCH WILLIAM STRUKT OF HIGH ACK
18. Crops/Economic Trees
S/N Type of crops Young Medium Matured Quantity Comments
ADNESTEN MITHINAREA OF IMPACT
19. Fish/Nets/Ponds
S/N Fish/Nets/Ponds Description Quantity/Size Comments
NONE SEEN WITHIN AREA OF IMPACT
20. Others (Specific and Animal Trans
20. Others (Specify) e.g. Animal Traps S/N Others Description Quantity/Size Comments
A A I C C C I I I I I I I A D C X OT I NO D A O T
HUNE SEEN MITTIN ARCA OF MITACI
E. GRAPHIC DESCRIPTION OF LEAK POINT (while detailed description of the leak point should be contained
in the leak report, overview sketch of the site should be added as appendix 1) A SECTION OF 3" NUN RIVER
SMM DIAMETER AT 60' CLOCK POSITION INDICATING SIGN OF CORROSION.
SDILL PARATE
SPILL POINTY
A PIN HOLE OF ABOUT 3mm DIAMETER AT 60'CLOCK
SMM DIAMETER AT 60 CLOCK
/ MOSITION
3" 15
DT 3" NUNRIVER WELLIST FLOWLINE
LICILIE TOWLING
WELLHEAD TO FLOWSTATION
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Blue (Host Community)

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

21. Impacted area boundary Coordinates (If more, Print and attach as Appendix)

S/N	Northing	Easting
1.	4.80031	6.08832
2.	4.800.28	6.08831
3.	4.80029	6.08828
4.	4.80034	6.08831 6.08828 6.08831
-		
		THE STATE OF THE S
		P. AMYSULE STREET

11	NCIDENT NO: <u>2993589</u> JIV report S/N: 0	000 909
G. INCIDENT I	NFORMATION:	
a. Impacted	Area Details *	
•	Total calculated area of impact (Ha) (). 0014ffA	
	Impact within SPDC R.O.W YES	
s — 2	Impact outside SPDC R.O.W	(100-100-1 0)
* Round off to 2 de * Express in Hecta	cimal places if area is $\geq 100 \text{ m}^2$ or to 4 decimal places if area is $\leq 100 \text{ m}^2$ (e.g. 14.55, 0.005)	1, 0.0009)
b. Volume	of oil recovered before completion of JIV (VrecJ):	
	Recovered oil V _{recJ} :	Barrels
Controlled	recovery/evacuation from source with no impact to environment: Barrels Barrels	
c. Net Est	imated Spilled Volume V _{Est} (bbls)* = 0.09BARREL	7 MES 2
2		
Estimated Rep	orted Volume** Vrep(bbls)=0.1BARREL	
	010111142	
 Reported 	stimation was done using an excel based tool.(see attached for details on the calculation) spilled volume is an estimate elevant notes taken into consideration for volume estimation or cause of spill:	
	NOT APPLICABLE	
Conversion of m³ to b • Any spill v	spective estimated volume is to be done on site as far as practicable using the new spill volume estimatic arrels is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following solume in excess of I bbl is rounded up to the next whole number.	on software on site; rules:
Examples:	Calculated volume = 0.35 bbl Reported volume = 0.4 bbl Calculated volume = 0.01 bbl Reported volume = 0.1 bbl .	
Vherever this estimat	ion tool is not applicable please refer to paragraph 6c (Deviations) of the JIV procedure to use approp calculation in a plain sheet of paper and attach to the JIV report.	priate steps for column

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d. General Status of the site			and IIT
i. Joint investigation of the incident site for therefore recommend that the site be ele	osed out \square		
ii. Investigation of the incident site shower	d that there is residual im	pact on site requiring furthe	er works 🗹
e. Representatives			
This report was filled, agreed and signed	by the following joint in	vestigation team represen	itatives:
Host Community: ✓			
Department of Petroleum Resour	ces [DPR]: 🗆		
National Oil Spill Detection and I	Response Agency [NOS]	DRA]: ☑	
State Ministry of Environment [S	SME]:		
The Shell Petroleum Development		/	
 Separate DPR form has been filled 	out with same findings]	
Separate NOSDRA form has been f	îlled out with same findin	ngs 🗹	
 Separate SME form has been filled 	out with same findings 5	1	
			ick as applicable

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f. Appendix 1: Overview sketch of the site

