INCIDENT NO: 2835839 JIV report S/N:

0657

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

A. G	ENERAL INFORMATION:			
I. Fo	untain Incident Number: 283	583	9 2. Type of in	cident* DIL SPILL
	me of Location 28" BOM			
	me of nearest community FREE			
	eduction Facility/Installation			
100				CIRPORT COMPANY AT
B. IN	NIGERIA L CIDENT INFORMATION:	TD (S	POC) / PIPEL	ELEPMENT COMPANY OF
9. De a.	tails of incident Date Reported: 1874 JAN	UARY	2021	
	Start date/time of Investigation: 1 8			1330HRS
	Investigation End date: 197# J#			
	Description of spill point environme			
	□Firm soil	□Loose s	soil	Recently excavated area
	☐Under water	Swamp	y	□Exposed pipe surface
	Well Platform (on water)	Drill R		CISand bag(s)
e.	Description of leak point (tick as ap		R 2833203	Hack saw cut
	Complete Rupture		☐ Inward dent,	☐ Well head tampering
H	Failed Weld-on illegal hot tap valve		Failed Clamp,	Missing Pipeline/Flowline
	☐ Crude oil theft (illegal bunkering ☐ Third party tampering with valve		☐ Saver-pit over flow ☐ Bulging Outward	☐ Third party tampering with Clamp ☐ Third party tampering with flange.
	☐ Flare System/Bund wall failure	c setting	Cold vent	Surge vessel overflow,
	☐ Valve Failure		☐ Relief valve failure	DAccidental 3rd party equipment impact
	☐ Tear (_)		
£	Incident caused by: Third party interference (Sabotag Operational Others (theft ☑; Line theft □; Ac lystery spills)	cidental 3 rd party damage □)

*This can be: (a) Oil Spill (b) Drilling fluid/Chemical (c) Siltation (d) Water Leak (e) Fire (f) Non-leaking theft point removal Version 2020/01 Distribution of copies: White (Asset Owner); Pink (DPR); Green (NOSDRA); Yellow (State Ministry of Environment); Blue (Host Community)

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	Northing:		(W9584	Easting:		
	4.	51589	Militar 117,3	7.23	298	
		/				
	ASSESSMEN Details of Envi					
ì.		vironment where	spill occurred (se	lect one):		
	□Land	⊠Swamp	□Water	Seasonal swa	mp Shoreli	ine/Waterfron
ii.	Type of en	vironment to whi	ch oil has spread:			
	Land	⊠ Swamp	□ Waterbody	(specify)	D.	
iii.	Weather co	ondition				
	Dry	□wet	□Windy	⊠Hot		
11. I	Distance to Ser	sitive habitat wit	hin 100m radius			
	Drinking w USurfa D Built up A	vater source ce water Bo rea ential Area Co	ignated protected and prehole ommercial/Industrial	[, trea [, [,	m) \ w	E SEE ITHIN INITY
12. C	Containment mea	sures put in place:				
	□Booms □	Trench Dyke	☐ Pit ☐ Natur	al depression Who	ne	
	Others:					
13. A	any pictures or v	ideo coverage?		[W] [N]		
14. 1	Further response	repair initiated as	at the time of JIV?	NY INI		
to iten	m 14, give brief de	scription:				
		WELDING	1101116			

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15. Was there any disruption to the investigation? [Y] [W]	
If yes to item 15 give brief description:	
NOT APPLICAL	BLE
16. Was JIV delayed? [Y] [N]	NILINI VALENI KARISTI
Reason(s): NOT APPL1 CABLE Delayed Community Access Approval Security Challenges Access Others (specify)	s constraint due to terrain
D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE ARE 17. Structures / Properties	A OF SPREAD OF OIL
S/N Type of Structures Description Size Number	Comments
MONE WITHIN AREA OF IM	PACT
18. Crops/Economic Trees S/N Type of crops Young Medium Matured Quantity	y Comments
NONE WITHIN AREA OF IM	PACT
19. Fish/Nets/Ponds	
S/N Fish/Nets/Ponds Description Quantity/Size Comment	s
NONE WITHIN AREA OF IMP	ACT
20. Others (Specify) e.g. Animal Traps S/N Others Description Quantity/Size Commen	•
NONE WITHIN AREA OF IM	PACT
E. GRAPHIC DESCRIPTION OF LEAK POINT (while detailed description of the leak point he leak report, overview sketch of the site should be added as appendix 1) A SEC BOMU - BONNY PIPELINE AT FREETOWN 4 CRUDE OIL THEFT VALVE INSTALLED A	TION OF 28"
POSITION BY UNKNOWN PERSONS.	
4" VALVE LEAK POINT	
28" DECOATE AREA	
FROM BOMU TO BONNY	

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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
	4.51591	7.23294
2.	4.51593	7.23297
3.	4.51589	7.23303
4.	4.51586	7.23300
		A THE RESIDENCE OF THE PARTY OF
		nevertene atten eringanden ing
/		

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-	INCHES Y	INTO M	TICLE			

a. Impacted Area Details *

•	Total calculated area of impact (Ha)_	0.0035 Ha	
•	Impact within SPDC R.O.W	yes	
	Impact outside SPDC R.O.W	NO	

b. Volume of oil recovered before completion of JIV (V_{red}):

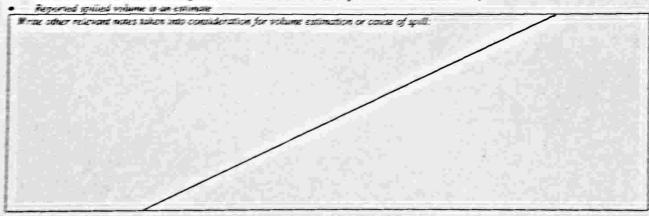
Controlled recovery/evacuation from source with no impact to environment:

| NIL | Barrels | Bar

c. Net Estimated Spilled Volume Vise	(bbk	L= 1.26 BARRELS
Estimated Reported Volume** Vog(bbis)=	1	BARRELS

*Nonex

Fulume estimation was done using an excel based tool (see attached for details on the calculation)



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; Conservation of m' to barrels in Vaiume (m3) x 6.29; **Round up estimated volume to next whole number using the following rules:

July spill volume in excess of I hhl is rounded up to the next whole number.

Any spill volume in less than I 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 be (Deviations) of the IIV procedure to use appropriate steps for column estimation, record the calculation in a plain sheet of paper and attach to the IIV report.

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d. General Status of	the	site
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s no residual impact after the initial response and JIT
sidual impact on site requiring further works
:5

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]:
- The Shell Petroleum Development Company [SPDC]:
- Separate DPR form has been filled out with same findings
- Separate NOSDRA form has been filled out with same findings
- Separate SME form has been filled out with same findings

Tick as applicable

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f. Appendix 1: Overview sketch of the site

