INCIDENT NO: 3026163 JIV report S/N:0:000924

(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: 302 6163  2. Type of incident* OIL SPILL
1. Fountain Incident Number: 302 6163 2. Type of incident* OIL SPILL 3. Name of Location 14" OKORDIA - RUMUEKPE PIPELINE
4. Name of nearest community KARAMA 5. State: BAYELSA 6. LGA YENAGOA
MI PIPELINE
8. Asset Owner/Hub THE SHELL PETROLEUM DEVELOPMENT COMPANY OF NIGERIA LIMITED (SPDC)/PIPELINE  B. INCIDENT INFORMATION:
B. INCIDENT INFORMATION:
9. Details of incident a. Date Reported:  a. Date Reported:  b. Start date/time of Investigation: 10 TH SEPTEMBER, 2021 / 1200 HRS
c. Investigation End date: 10 JETI EMBER, 2021 Day(s) on site. ONE CISON 1
d. Description of spill point environment    Description of spill point environment   Description of spill point enviro
Under water Swampy Exposed pipe surface
□Well Platform (on water) □Drill Rig □Sand bag(s)
Additional observations around the spill point:  NOT APPLICABLE
e. Description of leak point (tick as applicable);  Smooth round-edge hole  Complete Rupture  Inward dent,  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  Cothers (specify)  Rough-edge hole  Rough-edge hole  Inward dent,  Well head tampering  Missing Pipeline/Flowline  Third party tampering with Clamp  Third party tampering with Clamp  Surge vessel overflow,  Relief valve failure  Accidental 3 <sup>rd</sup> party equipment impact
f. Incident caused by:  Third party interference (Sabotage D; crude theft D; Line theft D; Accidental 3 <sup>rd</sup> party damage D)  Operational Others (including Mystery spills)

<sup>\*</sup>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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	5.1	37720	)	6.4	466	627	
SK	ASSESSMEN	T					
0. <b>I</b>	Details of Envi	ronment					
	Type of env	vironment where s	spill occurred (se	elect one):			
	Land	□Swamp	□Water	Seasonal	swamp	☐Shoreline/W	aterfro
i.	Type of en	vironment to which	ch oil has spread	:			
	Land	Swamp	□Waterbody	(specify)			
ii.	Weather co	ondition					
	Dry	□Wet	$\square$ Windy	□Hot			
11.	Distance to Se	nsitive habitat wit	hin 100m radius				
	□ Drinking v □ Surf □ Built up A □ Resid □ Farmlands □ Fish Farm □ Fishing ne	ace water Bo .rea dential Area Co . /Pond	orehole ommercial/Industria	]	,m] ,m] ,m] ,m] ,m] ,m]	NONE	ini
12.	Containment me	asures put in place:			/		
	□Booms □	Trench Dyke	☐ Pit ☐ Nat	ural depression	Mone		
	Others:		-				
3	Any pictures or	video coverage?		[\sqrt]	[N]		
4.	Further respons	se/repair initiated as	at the time of JIV	/? [Y]	FM.		
to it	em 14, give brief	description:					

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15. Was there any disruption to the investigation? [Y]
If yes to item 15 give brief description:
NOT APPLICABLE
16. Was JIV delayed? [Y] [N]
Reason(s): NCT APPLICABLE  Delayed Community Access Approval
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
NONE WITHIN ARTA OF LOCATIONS
18. Crops/Economic Trees
S/N Type of crops Young Medium Matured Quantity Comments
NONE WITHIN ARTA DE INDO.
19. Fish/Nets/Ponds
S/N Fish/Nets/Ponds Description Quantity/Size Comments
NONE WITHIN ACTA DE 1110
20. Others (Specify) e.g. Animal Traps
S/N Others Description Quantity/Size Comments
NONE WITHIN ARFA REMODE
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)
in the leak report, overview sketch of the site should be added as appendix 1) A SECTION OF 14" CHORAIM  LYMUTH PIPELINE AT INARAMA SHOWLESS
Rymuther PIPELINE AT IKARAMA SHOWING A 70mm HACKSAM CUT 9 0'LLOCK POSITION DONE BY UNKNOWN PERSONS.
OCINE BY CHRNOWN PERSONS.
70mm Ateksan Cut
to gorkers out
For goklock position  Pone By unknown  Porcons.
PERSONS.
14"
J. Hi
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#### F: TABLE SHOWING SOME OF COORDINATES TAKEN DURING JIV FOR AREA CALCULATION

S/N	Impacted area boundary Coordinates (If mo	Easting
	F12710-1	
	5.157851	6.46660
	5.138060	6.46660
e a	5:137947	6.466386
	13777	111100
	5 137706	6.466498
	5.137692	6.466577
		1
	<del>                                     </del>	
		+/
		<b> </b> /
		/
		<u> </u>
1 4		

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-	T . I .		TIBIT	INTERN	E	THOSY
-		1 1 1			IVI A	TION:

Impacted Area Details *		
<ul> <li>Total calculated area of impact (Ha) 0.07h</li> </ul>	9	
Impact within SPDC R.O.W		
Impact outside SPDC R.O.W	8	
and off to 2 decimal places if area is $\geq 100 \text{ m}^2$ or to 4 decimal places if are sess in Hectares (Ha)	$ea is < 100 m^2 (e.g. 14.55,$	0.0051, 0.0009)
Volume of oil recovered before completion of JIV (Vrec.	ı):	
Recovered oil V <sub>recJ</sub> :	NIL	Barrels
Controlled recovery/evacuation from source with no impact	to environment:	
NIL Barrels		
	71 BARRELS	AND THE STATE OF
imated Reported Volume** Vrep(bbls)= 62 BAR		
imated Reported Volume** V <sub>rep</sub> (bbls)= 62 BAR  Volume estimation was done using an excel based tool. (see attached for detail	RELS	
Volume estimation was done using an excel based tool. (see attached for detail Reported spilled volume is an estimate	RELS s on the calculation)	
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imated Reported Volume** V <sub>rep</sub> (bbls)=	RELS s on the calculation)	
imated Reported Volume** V <sub>rep</sub> (bbls)= 628 R  S:  Volume estimation was done using an excel based tool (see attached for detail Reported spilled volume is an estimate	RELS s on the calculation)	

Any spill volume in excess of 1 bbl is rounded up to the next whole number.

I bbl is rounded up to the next 0.1 bbl. Any spill volume in less than

Calculated volume = 15.3 bbl ----- Reported volume = 16 bbl Examples: 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 JIV procedure to use appropriate steps for column

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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 response and JIT therefore recommend that the site be closed out
ii.	Investigation of the incident site showed that there is residual impact on site requiring further works
e.	Representatives
Th	is 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

