JIV report S/N:

Nº 0000091

INCIDENT NO: 1556750

(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: 1556750 2. Type of incident* Oth SPILL 3. Name of Location 16" NUN-RIVER - KOL-CREEK PIPELINE. 4. Name of nearest community OPOROMA 5. State: BAYELSA 6. LGA SKUTHERN LAW 7. Type of Production facility/Installation OIL PIPELINE 8. Asset owner/District THE SHELL PETROLEUM DEVELOPMENT COMPANY OF NIG LTD. B. INCIDENT INFORMATION: 9. Details of incident a. Date of incident: 12 TH JANUARY, 206 b. Start date/time of investigation: 7TH FEBRUARY 2516 c. Investigation End date: 774 FCB, 2816 Actual investigation duration, days: ONE DY d. Description of spill point environment Recentiv excavated area Loose soil ☐Firm soil Exposed pipe surface □ Swampy Under water ☐ DrillRig ☐Well Platform (on Water Additional observations around the spill point: NOT APPLICABLE. e. Description of leak point (tick as applicable); Hack saw cut Tear (Drilled hole ☐ Well head tampering Inward dent. ☐Complete Rupture ☐ Missing Pipeline/Flowline Failed Clamp, Failed Weld-on illegal hot tap valve ☐ Third party tampering with Clamp ☐ Saver-pit over flow Crude oil theft (illegal bunkering) point, ☐ Third party tampering with flange, Bulging Outward ☐ Third party tampering with valve setting ☐ Surge vessel overflow, Cold vent ☐Flare System/Bund wall failure Accidental 3rd party equipment impact Relief valve failure ☐ Valve Failure Others(specify) f. Incident caused by: Third party interference (Sabotage \(\); crude theft \(\); Line theft \(\); Accidental 3rd party damage \(\)) Others (including Mystery spills) ☐ Operational

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

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a Smill maint ag	andinatas					0000031
g. Spill point co		WGS	QA			
h. Measuring un Northing		Mas	Easting:			
	LATION	のも)	Lusting.	Dens	it uot)	<u> </u>
	4.813	36	İ	6.1187	78	
	Ī			1		
C. RISK ASSESS	SMENT					
10. Type of en	vironment:					
Land	☐Swamp	□Water	Season	al swamp []Shoreline/\	Vaterfront
i. T	ype of environment to w	hich oil has sprea	ıd:			
Land	☐ Swamp	□Water	□Riv	er (identify)		-
ii. W	eather condition					
□Rain	⊠ Sunny	□Dry □v	Vet	Hot	□cool	
11. Distance fi	om the nearest sensitive	habitat				
□ Drinki □ Built i □ Farml □ Fish F □ Fishin	ands farm/Pond	gnated protected	area [[[[[,m] [NCILLIA PACTURAL	
. 12. Containme	ent measures put in place	4				
□Boom	s 🗖	rench Dy	ke 🗖 Natural	depression	□ Pit	None
Other	s:		-			
13. Any pictur	res or video coverage?		[Y]	[N]		
14. Further re	esponse/repair initiated a	s at the time of J	IV?. [Y]✓	(N)		
If yes to item 14, give	e brief description:	N Reco	4E1RABLE	AND	REPAI	r
WORK IN	A ASTAITH	MD COM	preton.			
15. Was there	any disruption to the in-	estigation?	[Y]	[N]		

INCIDENT	NO: 155	6750	JIV re	port S/N:	No	0000091	
If yes to item 15 give brief descri	iption:				ļ .		
No	TA	PPLI	CABL	£			
		<u> </u>					
D. TYPE/NUMBERS OF PR 16. Structures / Properties	OPERTIES,IF	ANY, FOUND	WITHIN THE	AREA OF SI	PREAL	OF OIL	
S/N Type of Structures	Description	Size	Number	Co	mmen	ts	
MONE M	MHI	THE	AREI	A OF		MPACT	
17. Crops/Economic Trees S/N Type of crops Young	- 	I was assumed	T 8 # 1 4	0		7	
S/N Type of crops Young		Medium	Matured	Quantity	•	Comments	
HONE MI	HIN	(tt€ t	REA	Q- ((XP	tc (
		<u> </u>	1				
18. Fishing Nets/Fish Pond S/N Nets/Ponds	s Description	· · · ·	Quantity/Size	Comments		1	
	7. 1. 1. 1.	1110	Xorx		1 (1)	A C (
HOVE MI	14411	ITTE	TKEA	(OF)	11/1	ACI	
19. Others (Specify) i.e. A	nimal Traps	L					
S/N Others	Description		Quantity/Size	Comments	· ·		
NONE WI	HHH	146	AREA	Ø.	JM	PA€ [·	
E. GRAPHIC DESCRIPTION	OF LEAK P	OINT (while de	etail report of th	e leak point sk	ould b	e contained in	
the leak report, overview sketch	of the site should	d ho added as a	n annondir 1)	_	1	DIG TA	Rom
Stowing!					70	30 Clock.	·
	LRAK !	DIE TO	150mm L	enath o	FC	HIM TH	
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	PIPELIN	ε-					
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(6) TL	<u> </u>	7			i ı	7 [4"	
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INCIDENT NO: 1556750 JIV report S/N: Nº 0000091

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

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

		WG5 8	34 ·	
S/N	Northing	LATITUDE	-(11 12 04	
		4.81338	6.11878	
		4.81339	6-11881	
		4 · 81237	6-11878 6-11881 6-11879	
		4. 81335 4. 81334	6-11881	
		4.81334	6.11869	
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INCIDENT NO: 1556150 JIV report S/N:	NY 0800091
G. INCIDENT INFORMATION:	, ,
a. Impacted Area Details	
Total calculated area of impact 0-0011Ha	
• Impact within R.O.W YES	
Impact outside R.O.W	
b. Volume of oil recovered before completion of JIV (Vreed):	
Recovered oil V _{recj} :	Barrels
Controlled recovery/evacuation from source with no impact to environment:	·
. NIL Barrels	
c. Net Estimated Spilled VolumeV ₅₀ (bbls)* =	 .
*	
1.74 ESP BARRELS	
Estimated Reported Volume** V _{rep} (bbls)=	
Estimated Reported Volume** V_rep(DDIS)= 2 BARRE(S'	
*Notes:	
 Valume 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:	
$1 \cdot N \cap T \wedge D \cap A$	1 - 1
NOT APPLICAB	
·	
	<u> </u>
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estima Conversion of m ⁴ to barrels is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the followin ————————————————————————————————————	
 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 Colculated volume = 0.01 bbl Reported volume = 0.1 bbl	

Wherever this estimation tool is not applicable please refer to paragraph be (Deviations) of the AV procedure to use appropriate steps for volume estimation; record the calculation in a plain sheet of paper and attach to the AV report.

INCIDENT NO: 155 61 50 JIV report 8	5/N: M = 3000
d. General Status of the site	
i. Joint investigation of the incident site found that there is no residual impact after the therefore recommend that the site be closed out	initial 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 re	presentatives:
Host Community: ✓	I
Department of Petroleum Resources [DPR]: □	
National Oil Spill Detection and Response Agency [NOSDRA]:	1
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

INCIDENT NO: 15567 5 D JIV report S/N: Nº 0000091

f. Appendix 1: Overview sketch of the site

