INCIDENT NO: 1417340 JIV report S/N: Nº 7000384

(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: 1417340 2. Type of incident* OIL SPILL TUNU-KANBO WELL-4L FLOWLINE 4. Name of nearest community AGBIDIAMA 5. State: BAYELSA 6. LGA EKEREMOR 7. Type of Production facility/Installation FLOWLINE 8. Asset owner/District THE SHELL PETROLEUM DEVELOPMENT COMPANY B. INCIDENT INFORMATION: NIGERIA LIMITED/SWAMP WEST 9. Details of incident a. Date of incident: 8TH JUNE, 2015

b. Start date/time of investigation: 16TH JUNE, 2015 AT 1350HRS

c. Investigation End date: 20TH NOVEMBER, 2015 ACTUAL investigation duration, days: TWO DAYS d. Description of spill point environment Recently excavated area Loose soil ☐Firm soil Swampy La figsed pipe surface Under water □Well Platform (on Water DrillRig Additional observations around the spill point: ON LIFTING THE 6" TUNU-KANBO WELL-4L FLOWLINE, THE JOINT INVESTIGATION TEAM OBSERVED THAT IT WAS COMPLETELY CUT-THROUGH BY UNKNOWN PERSONS AND LEFT AT SITE. e. Description of leak point (tick as applicable); Tear (Hack saw cut □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 MOthers(specify) COMPLETE FLOWLINE CUT f. Incident caused by: ☑Third party interference (Sabotage ☑; crude theft ☐; Line theft ☐; Accidental 3th party damage ☐)

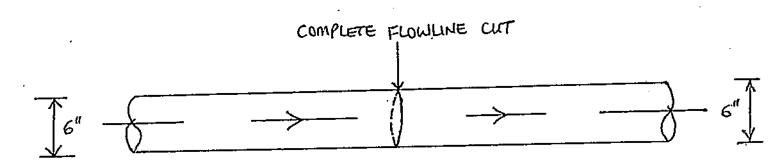
Others (including Mystery spills)_

☐ Operational

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

INCIDE	NT NO: <u>14</u>	7340	JiV re	port S/N:	No	8000384
g. Spill point coordina h. Measuring unit Northing:	les WGS	84 (1	Easting:	-DEGR	ee)	
4	.88583	3	5.6	1817		
C. RISK ASSESSMEN 10. Type of environn						
□ Land	☑ Swamp	□Water	□Seasona	I swamp 🛚	Shoreline/	Waterfront
i. Type of □Land	environment to wh	ich oil has spread:	□Rive	r (identify)		_
ii. Weather	condition	,			 1	-
☐Rain 11. Distance from the	Sunny . C e nearest sensitive h	-	□Windy	□Hot	□cool	
☐ Government☐ Drinking wa☐ Built up area☐ Farmlands☐ Fish Farm/P☐ Fishing net☐ Others (spec	ond	nated protected are	a [[[[[m,	IONE	WITHIN' CINITY
12. Containment med Booms	asures put in place;	ench 🏻 Dyke	☐ Natural e	depression	□Pit	□None
Others:						
13. Any pictures or	video coverage?		[17]	[N]		
14. Further respons	e/repair initiated as	at the time of JIV?	. [Y]	MT		
If yes to item 14, give brief o	lescription: NC	T APP	LICAB	LE		
15. Was there any d	isruption to the invo	estigation?	[Y]	W		

INCIDEN	т no: <u>141</u>	7340	JIV re	port S/N: N	0000384	
If yes to item 15 give brief de	scription: M	T AF	PLICAL	3LE_		
D. TYPE/NUMBERS OF 16. Structures / Properti		ANY, FOUNI		<u> </u>		
S/N Type of Structures	Description	Size	Number	Comm	ients	
MONE	WITH	1 AR	A OF	IMPAC	n	
. 17. Crops/Economic Tr	ees					
	ung	Medium	Matured	Quantity	Comments	0.0
1. MANGROVES	YEC	YES	YES	FEW	STAINED WITH	f (KUDE ti
			 			
			 			ł
18. Fishing Nets/Fish P S/N Nets/Ponds 1. FISHUG NETS 2. CRMFISH NETS	Description STAINED WIT	TH CRUDE CRUDE OIL	8 (Comments OLSTANED O	PLUMUL NETS RAYPISH NETS	
						·
19. Others (Specify) i.e	Animal Traps	. <u>. </u>				
S/N Others	Description		Quantity/Size	Comments		Į
MONE	WITH	N AR	EA OF	- IMP+	ACT_	
E. GRAPHIC DESCRIPT the leak report, overview ske	tch of the site shoul	ld be added as i	an appendix 1) 🧪			Δ.
SECTION OF 6" T	UNU - KANB	O MELL	-4L FLOV	JLINE AT	MARID (MM)	<u> </u>
SHOWING; POSIT						



INCIDENT NO: 1417340 JIV report S/N: Nº 0000384

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)

S/N	Northing	Easting
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INCIDENT NO: 1417340 JIV report S/N: 0000384

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U.	mom	E!T!	MITTU	1500	ATION:

. Impacte	d Area Details	
• • • • Volume	Total calculated area of impact 0.4033 Ha Impact within R.O.W YES Impact outside R.O.W YES of oil recovered before completion of JIV (V _{rccJ}):	<u> </u>
<u> </u>	Recovered oil V _{ree} : 27	Barrels
Controlled	recovery/evacuation from source with no impact to environment:	
	MIL Barrels	

c. Net Estimated Spilled VolumeV _{Est}	(bbls)* =
	34.10 BBLS
Estimated Reported Volume** V _{ree} (bbls)=	35 BBLS

*Notes:

Value estimation was done using an excel based tool, (see 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' 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 -I bbl - is runnled up to the next whole number.

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

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 calculation in a plain sheet of paper and attach to the AV report.

INCIDENT NO: 47340 JIV report S/N: Nº 9000384

d. General Status of the site

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	ind JIT
ii.	Investigation of the incident site showed that there is residual impact on site requiring further works	Q.

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

INCIDENT NO: 147340 JIV report S/N: No 0000384.

f. Appendix 1: Overview sketch of the site

