INCIDENT NO: 350803 JIV report S/N:

Nº 0000344

(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: 1350803 2.Type of incident* OIL SPILL 3. Name of Location TUNU WELL-GT 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 OF NIG. LIMITED B. INCIDENT INFORMATION: 9. Details of incident 15T MARCH, 2015

b. Start date/time of investigation: TTH MARCH, 2015 AT 1310 HRS c. Investigation End date: 6TH JUNE, 2015 Actual investigation duration, days: 2 DAYS d. Description of spill point environment Recently excavated area Loose soil ☐Firm soil **⊠**Swampy Exposed pipe surface Under water DrillRig ☐ Well Platform (on Water Additional observations around the spill point: ON ARRIVAL AT SITE, THE LEAK POINT WAS OBSERVED TO BE SUBMERGED IN WATER. WHEN THE FLOWLINE WAS LIFTED, THE JOINT INVESTIGATION TEAM OBSERVED A TEAR CABOUT 15M LONG) ON THE FLOWLINE AT 6 O'CLOCK POSITION. e. Description of leak point (tick as applicable); Tear (1.5m LONG ☐ Hack saw cut ☐ Drilled hole ☐ Inward dent. ☐ Well head tampering ☐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 Cold vent ☐ Surge vessel overflow, ☐ 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) Doperational

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

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g. Spill point coordina	ites				
h. Measuring unit	WGS84	F			
7.0	ECIMAL	DEGREE	Easting: DECIM	AL DEGR	EE
	.88196		005.615	596	
	· 0 0 1 1 0				
C. RISK ASSESSMEN	т				
10. Type of environn	nent:				
□Land	☑Swamp	□Water	☐Scasonal swamp	□Shoreline/	Waterfront
i. Type of	environment to w	nich oil has spread:			
□Land	□Swamp	☑water	River (identif	ý)	_
ii. Weathe	r condition				
□Rain	⊠Sunny	□Dry □Wet	□Windy □Ho	ot 🗆 🗆 cool	
11. Distance from th	e nearest sensitive	habitat			
☐ Governmen: ☐ Drinking wa ☐ Built up are ☐ Farmlands ☐ Fish Farm/P ☐ Fishing net ☐ Others (spec	ater source a Cond	gnated protected area	[m, m] [m, o] [m, m] [m, m] [m, o]		
12. Containment me	asures put in place	• •	•		
⊠Booms	⊡ т	rench Dyke	□Natural depression	n 🗆 Pit	□None
Others:					
13. Any pictures or	video coverage?		[N] [N]		
14. Further respons	se/repair initiated a	s at the time of JIV?	. [Y] [W]		
If yes to item 14, give brief	description: REP	AIR IS BE	ING PLANNE	D BY TH	€
ASSET ENGIN	JEERING -	TEAM			
15. Was there any d	lisruption to the inv	estigation?	[Y] WT		

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If yes to item 15 give brief des	scription: NO	T AP	PLICAB	LE	
D. TYPE/NUMBERS OF I	PROPERTIESJF	ANY. FOUN	O WITHIN THE	E AREA OF SPREA	LD OF OIL
16. Structures / Propertie S/N Type of Structures		Size	Number	Comme	
NONE	MITHN	ARE	A OF	IMPACT	-
17. Crops/Economic Tre S/N Type of crops You - PALM TREES 2. MAN GROVES		Medium	Matured	Quantity 4 FEW	Comments STAINED WITH CRUDE STAINED WITH CRUDE
18. Fishing Nets/Fish Po	nds				
S/N Nets/Ponds - FISH NET	Description OIL STAINED F		Quantity/Size	Comments CRUDE OIL STATE (RUDE OIL STATE	WED FLEH NET JED FLEH TRAPI
19. Others (Specify) i.e. S/N Others	Description		Quantity/Size	Comments	
HONE	WITHIA	I ARI	A OF	IMPACT	
E. GRAPHIC DESCRIPTION the leak report, overview sketch	ch of the site should	d be added as	an appendix 1)		
SECTION OF TUN TEAR (ABOUT 1.5					HOWING; A
IEAR (ABOUT 1.5	IN LONG	141. 10 U	CLUCK P		
TEAR AT	6 o'cLock	MOITIZON	•		
(-	→ → ·		·		

TUNU WELL-GT FLOWLINE AT AGBIDIAMA

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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
		, C
		1
		X
		2
	 	<u> </u>
	4	
•	0 6	
	<u> </u>	
	5 /	J
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	0	
	* 3	
	1. 2	
	X (2)	
	1 - W	
	L C2	
	1	•
-		
L		

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G. INCIDENT INFORMATION:
a. Impacted Area Details
Total calculated area of impact 5.7 Hq VES
• Impact within R.O.W YES
b. Volume of oil recovered before completion of JIV (V _{reed}): Recovered oil V _{reel} :
Controlled recovery/evacuation from source with no impact to environment:
NIL Barrels
c. Net Estimated Spilled VolumeV _{Est} (bbls)* =
26.08 BBLS
Estimated Reported Volume** V _{rep} (bbis)= 27 BBLS
*Notes: Volume 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:
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimation software an site; Conversion of m ² to harrels is Volume (m3) x 6,29; **Round up estimated volume to next whole monther using the following rules: Any spill volume in excess of -1 bbl - is rounded up to the next whole number.
Any spill values in less than - 1 bbf - 4s rounded up to the next 0.1 bbf.
Examples: Calculated volume = 15.3 bht Reported volume = 16 bht Calculated volume = 0.35 bht Reported volume = 0.4 bht Calculated volume = 0.01 bht Reported volume = 0.1 bht
Wherever this estimation tool is not applicable please refer to paragraph by (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.

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d.	General	Status	of the	site
	OCHO H	OTHER DE	VI 1110	2112

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	and JIT
îî.	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 representatives:

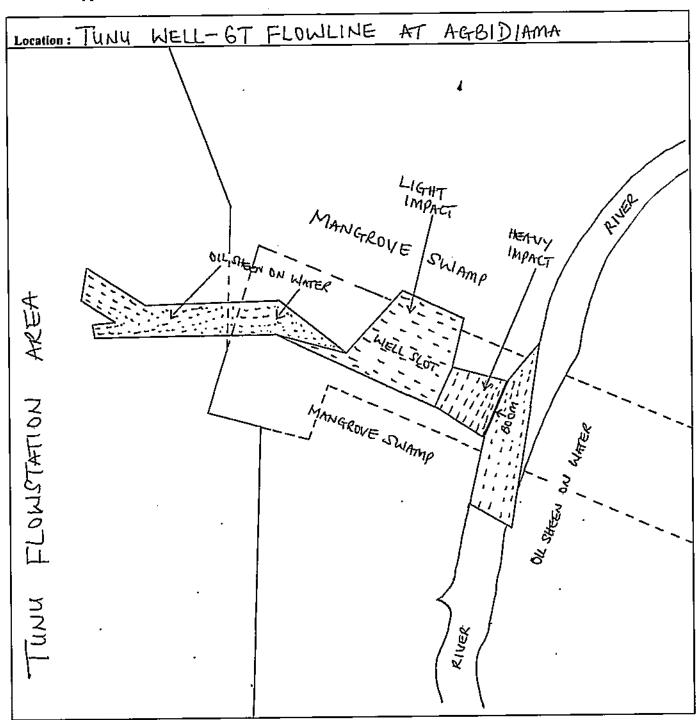
- Host Community: □
- · Department of Petroleum Resources [DPR]: □
- National Oil Spill Detection and Response Agency [NOSDRA]:
 □
- State Ministry of Environment [SME]:
 □
- Asset Owner: □
- Signatories agree with reported findings:□
- Separate DPR form has been filled out with same findings

Tick as applicable

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f. Appendix 1: Overview sketch of the site



· APPENDIX 1 FID: 1350803

NAME	EAST	NORTH	DESCRIPTION	N
	354506.63	97527.405	SHEEN	
2	354512.7 1	97554.921	SHEEN	
3	354643.15	97537.194	SHEEN	
	354901.12	97665.517	SHEEN	
5	355095.59	97611.278	SHEEN	_
6	354949.41	97623.184	SHEEN	
7	354748.46	97544.073	SHEEN	
8	354596.85	97477.663	SHEEN	
<u> </u>	354585.47	97490.627	SHEEN	
10	354611.4	97508.09	SHEEN	
11	354506.63	97527.405	SHEEN	
12	354949.41	97623.184	LIGHT	
13	355095.59	97611.278	LIGHT	
14	355095.59	97698.326	LIGHT	
15	355198.78	97681.392	LIGHT	
16	355229.21	97564.975	LIGHT	
17	355219.94	97525.288	LIGHT	
18	354949.41	97623.184	LIGHT	
19	355219.94	97525.288	HEAVY	
20	355229.21	97564.975	HEAVY	
2:	355308.58	97538.517	HEAVY	
22	355291.38	97482.954	HEAVY	
23	355291.38	97482.954	воом	
24	355308.58	97538.517	воом	
2:	355348.27	97616.569	SHEEN	
26	355327.63	97442.473	SHEEN	
27	355291.65	97271.023	SHEEN	
28	355262.28	97353.308	SHEEN	
29	355291.38	97482.954	SHEEN	
30	355308.58	97538.517	SHEEN	
3:	355348.27	97616.569	SHEEN	
		1		