INCIDENT NO: 2651874 JIV report S/N:

0720

(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: 2651874 2. Type of incident* 012 SPILL						
3. Name of Location <u>Д" KANBO NE</u>	LL S LIMA F	LOW LINE				
4. Name of nearest community						
7. Production Facility/Installation <u> </u>						
8. Asset Owner/Hub THE SHELL PETR NIGERIA LIMITED / TUNU NO B. INCIDENT INFORMATION:						
9. Details of incident a. Date Reported: 28 <sup>TH</sup> MAY, 2020 b. Start date/time of Investigation: 4 <sup>TH</sup> JUNE, 2 d. Description of spill point environment	<u>)E, 2020 AT</u> 1. 2 <u>020 ·</u> Day(s) on	: 18 PM site: <u>ONE (1)</u> DAY				
□Firm soil □Loose	soil [	Recently excavated area				
□Under water □≤wam	_	Dexposed pipe surface				
□Well Platform (on water) □Drill F		USand bag(s)				
Additional observations around the spill point						
NO IMPACT WAS SEED	N AS THE TIM	LE OF JOINT				
NO IMPACT WAS SEED INVESTIGATION VISIT.						
e. Description of leak point (tick as applicable);  Smooth round-edge hole  Complete Rupture  Failed Weld-on illegal hot tap valve  Crude oil theft (illegal bunkering) point,  Third party tampering with valve setting	☐ Rough-edge hole ☐ Inward dent, ☐ Failed Clamp, ☐ Saver-pit over flow ☐ Bulging Outward	☐ Hack saw cut ☐ Well head tampering ☐ Missing Pipeline/Flowline ☐ Third party tampering with Clamp ☐ Third party tampering with flange, ☐ Surge vessel overflow,				
Flare System/Bund wall failure  Valve Failure  Tear ()  Others (specify)  f. Incident caused by:	□Cold vent □ Relief valve failure	Accidental 3 <sup>rd</sup> party equipment impact				
☐ Flare System/Bund wall failure ☐ Valve Failure ☐ Tear () ☐ Others (specify)  f. Incident caused by: ☐ Third party interference (Sabotage ☑; crude	☐ Relief valve failure	□ Accidental 3 <sup>rd</sup> party equipment impact dental 3 <sup>rd</sup> party damage □)				

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g. Spill Point Coordinates (*Incidents ≤100m apart to be aggregated into one Joint Investigation Report)  h. Measuring unit  k   G S H						
,	Northing:	ATITUDE	WGS 84	Easting:	101	U GIT U DE
	4. 90	656		5.	658	
	H. 90	025		5.	640	18
C. RISK	ASSESSMENT					
10. E	Details of Environ	ment				
įi.	Type of environ	nment where sp	ill occurred (select	one):		
	Land	<b>⊠</b> Swamp	□Water	Season	nal swamp	☐Shoreline/Waterfront
ii.	Type of enviro	nment to which	oil has spread:			
	Land	<b>⊠</b> Swamp	□Waterbody (spe	cify)		
iii.	Weather condit	tion				
	□Dry	□Wet	□Windy	☑Hot		
11. D	istance to Sensitiv	e habitat within	100m radius			
12. Co	Government res Drinking water Surface we Built up Area Residential Farmlands Fish Farm/Pond Fishing net Others (specify)	source ater		] ] ] ] ] ]	տլլ	NONE SEEN WITHIN THE VICINITY
			lns Objects		<b>17</b> 00	
	_	сп 🗀 Буке 🗀	Pit Natural de	epression	⊠None	
13. Ап	ny pictures or video	coverage?		[V]	[ N ]	
14. F	urther response/repa	ir initiated as at t	he time of JIV?	[Y]	[W]	
If yes to item	14, give brief descrip	tion:				
NO	I AP	PLICA	BLE			

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15. Was there any disruption to the investigation? [Y] [V]
If yes to item 15 give brief description:
16. Was JIV delayed? [Y] [N-
Reason(s): NOT APPLICABLE  Delayed Community Access Approval Delayed Community Access Approval Security Challenges Access constraint due to terrain Others (specify)
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  18. Crops/Economic Trees
S/N Type of crops Young Medium Matured Quantity Comments  19. Fish/Nets/Ponds
S/N Fish/Nets/Ponds Description Quantity/Size Comments  20. Others (Specify) e.g. Animal Traps
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)
SECTION OF 4" KANBO WELL 5 LIMA FLOWLINE AT TUNU
HOWING 2.1 KM LENGHT OF MISSING FLOWLINE, CUT AND CARTES
SPILL POINTS
LENGHT OF HISSING FLOWLINE
FROM KANBO WELL 5 TO FLOW STATION YORGON 2020101

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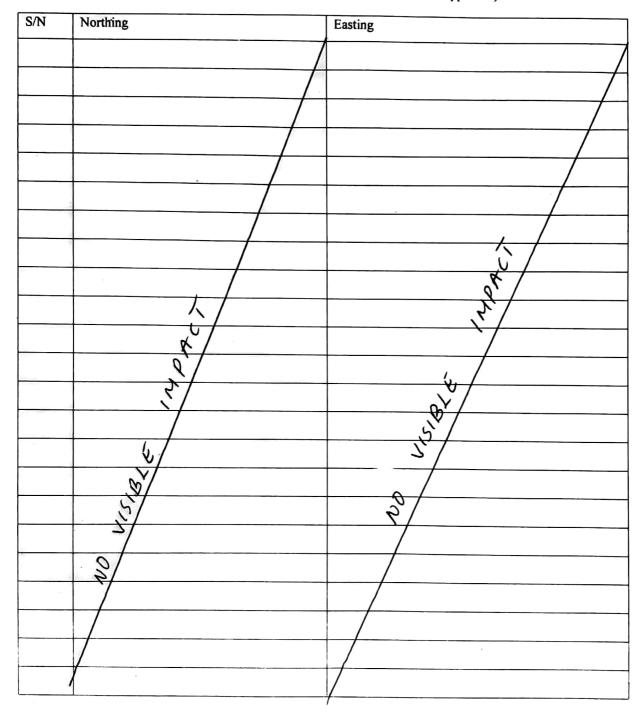
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#### F: TABLE SHOWING SOME OF COORDINATES TAKEN DURING JIV FOR AREA CALCULATION

21. Impacted area boundary Coordinates (If more, Print and attach as Appendix)



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G. INCIDENT INFORMATION:
a. Impacted Area Details *
Total calculated area of impact (Ha)  Impact within SPDC R.O.W  Impact outside SPDC R.O.W  NIL  NIL
Round off to 2 decimal places if area is $\geq 100 \text{ m}^2$ or to 4 decimal places if area is $< 100 \text{ m}^2$ (e.g. 14.55, 0.0051, 0.0009) Express in Hectares (Ha)
b. Volume of oil recovered before completion of JIV (V <sub>recJ</sub> ):
Controlled recovery/evacuation from source with no impact to environment:    Barrels   Barrels
c. Net Estimated Spilled Volume V <sub>Est</sub> (bbls)* =
0.025
Estimated Reported Volume** Vrep(bbls)=  0.03 BARRELS
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 volume estimation or cause of spill:  VOLUME ESTIMATION GLUEN BY ASSET  OWNER.
lculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimation software on site as far as practicable using the new spill 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 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.
erever this estimation tool is not applicable please refer to paragraph 6c (Deviations) of the JIV procedure to use appropriate steps for colu mation; record the calculation in a plain sheet of paper and attach to the JIV report.

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#### d. General Status of the site

	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	

and the second s

#### 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]: □
- 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

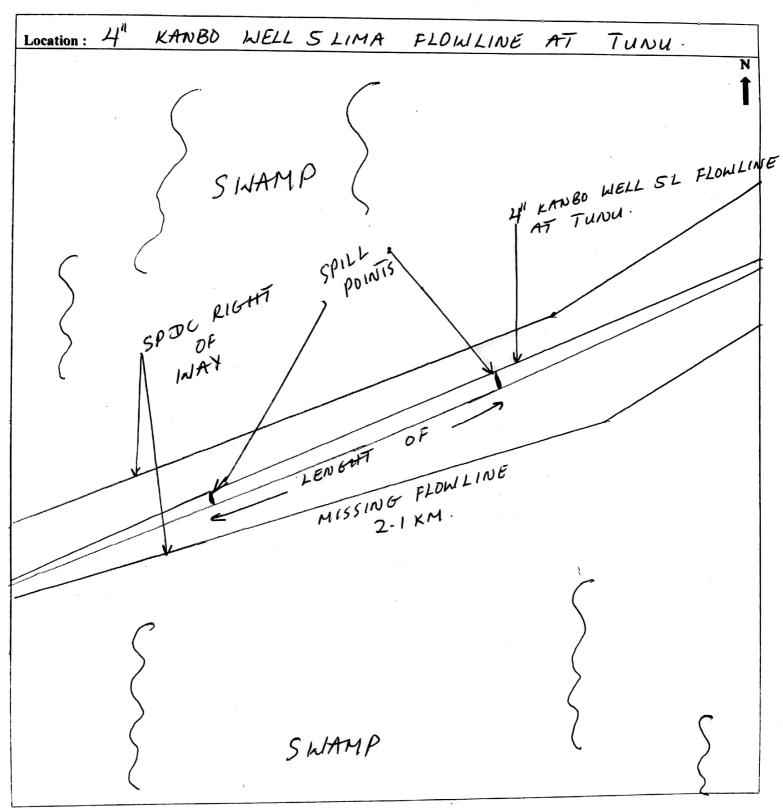
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f. Appendix 1: Overview sketch of the site



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