INCIDENT NO: 299 73 77 JIV report S/N:0 )00938

(Note. As practicable as possible the JIT report is to be signed in the field by all the participating parties)

A. GENERAL INFORMATION: 09 75-	77	01/ 8811
1. Fountain Incident Number 2 9973	2. Type of inci	Jent DIL SPILL UMUEKPE TRUNKLIME CANTON AMERICA
3. Name of Location 20" KOZO C	KEEK-K	amuerfe Thurkon
4. Name of nearest community	5. State:	6. LGA MATONDA CAST
P11 +	IPE/ INF	
8. Asset Owner Hub THE SHELL	PETROLEUR	M DEVELOPMENT COMPA
B. INCIDENT INFORMATION:		
9. Details of incident a. Date Reported: 25TH JULY b. Start date-time of Investigation: 27TH c. Investigation End date: 27TH JULY d. Description of spill point environment    Firm soil	July, 2021 Y, 2021 <sub>Day(s) o</sub>	14:30HLS  on site: DNE (1) DAY  Recently excavated area  Exposed pipe surface  Sand bag(s)  ABLE
e. Description of leak point (tick as applicable);  Smooth round-edge hole  Complete Rupture  If ailed 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  Tear ()  Others (specify)	Rough-edge hole Inward dent, Failed Clamp, Saver-pit over flow Bulging Outward Cold vent Relief valve failure	<ul> <li>☐ Hack saw cut</li> <li>☐ Well head tampering</li> <li>☐ Missing Pipeline/Flowline</li> <li>☐ Third party tampering with Clamp</li> <li>☐ Third party tampering with flange,</li> <li>☐ Surge vessel overflow,</li> <li>☐ Accidental 3<sup>rd</sup> party equipment impact</li> </ul>
f. Incident caused by:  ☐ Third party interference (Sabotage ☐; crude ☐ Others (including N	theft 🗷; Line theft 🗆; Ac systery spills)	cidental 3 <sup>rd</sup> party damage □)

\*Thus can be: (a) Oil Spill (b) Drilling fluid Chemical (c) Siliation (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)
Page 1 of 8

000938

INCIDENT NO: 2997377 JIV report S/N:

Assessment  Details of Environment  Type of environment where spill occurred (select one):  Land   Swamp   Water   Seasonal swamp   Shoreline/Water   Shoreline/Water   Seasonal swamp   Shoreline/Water   Shoreline/Water   Seasonal swamp   Shoreline/Water   Shoreline/Water   Shoreline/Water   Seasonal swamp   Shoreline/Water   Shoreline/Water   Seasonal swamp   Shoreline/Water   Shor	Northing:			Easting:		
Type of environment where spill occurred (select one):    Land	4.97	1206		6.65	106	1
Type of environment to which oil has spread:    Land		nment				1
Type of environment to which oil has spread:    Land	Type of envir	onment where	spill occurred (se	elect one):		
Weather condition  West	Land	Swamp	□water	Scasonal	swamp 🗆	Shoreline/Waterfront
Weather condition    Dry	Type of envi	ronment to whi	ch oil has spread	:		
Distance to Sensitive habitat within 100m radius  Government reserved and designated protected area Drinking water source Surface water Built up Area Residential Area Farmlands Fish Farm/Pond Fishing net Others (specify)  Containment measures put in place:	Land	Swamp	□Waterbody	(specify)		
Distance to Sensitive habitat within 100m radius  Government reserved and designated protected area Drinking water source Surface water Borehole Built up Area Residential Area Commercial/Industrial Area Farmlands Fish Farm/Pond Fishing net Others (specify)  Containment measures put in place:	Weather con	dition				
Government reserved and designated protected area Drinking water source Surface water Borehole Built up Area Residential Area Commercial/Industrial Area Farmlands Fish Farm/Pond Fishing net Others (specify)  Containment measures put in place:	Dry	□Wet	□Windy	□Hot		
☐ Residential Area ☐ Commercial/Industrial Area ☐ Farmlands ☐ [ ,m] ☐ Fish Farm/Pond ☐ [ ,m] ☐ Fishing net ☐ [ ,m] ☐ Others (specify) ☐ [ ,m] Containment measures put in place:	istance to Sens	itive habitat wit	hin 100m radius			
☐ Residential Area ☐ Commercial/Industrial Area ☐ Farmlands ☐ [ ,m] ☐ Fish Farm/Pond ☐ [ ,m] ☐ Fishing net ☐ [ ,m] ☐ Others (specify) ☐ [ ,m] ☐ Containment measures put in place:	<ul> <li>Drinking wat</li> </ul>	ter source		area [	[m, [m,	MONE SE WITHWVI
Farmlands Fish Farm/Pond Fishing net Others (specify)  Containment measures put in place:	D Built up Area		ommercial/Industrial	Area	.m] [m.	VVIII)
☐ Fishing net ☐ [ ,m] ☐ Others (specify)	☐ Farmlands			-		
Containment measures put in place:	☐ Fishing net			į	,m]	
					.m1	
□Booms □Trench □ Dyke □ Pit □ Matural depression □ None						
_					∐None	
Others:	Others:					
Any pictures or video coverage?	ny pictures or vic	leo coverage?		19	[N]	
Further response/repair initiated as at the time of JIV? [N]	Further responsed	repair initiated as	at the time of JIV	7 W1	[N]	

INCIDENT NO: 2997377 JIV report S/N: 0000938
15. Was there any disruption to the investigation? [Y]
If yes to item 15 give brief description: (CABLE
NOT APPLICABLE
Reason(s):  Delayed Community Access Approval  Others (specify)  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    A
S/N Type of crops Young Medium Matured Quantity Comments    A
S/N Fish/Nets/Ponds Description Quantity/Size Comments  20. Others (Specify) e.g. Animal Traps
S/N Others Description, Quantity/Size Comments  ADDE WHITH AREA DE MPACT
E. GRAPHIC DESCRIPTION OF LEAK POINT (while detailed description of the look point should be contained in the leak report, overview sketch of the site should be added as appendix IVA —E HON OF LONG.  KOLO CREEK - KUMUEKSE TRUNKLINE AT OKOMA
SHOWING ROUGH-EDGE HOLE AT 120 CLOCK POSTED
BY UNKNOWN PERSON(S).
Spill POWT (ROUGH-EXCEHOLE)
20" [ ] LOLO CREEK TRUNKLINE )20"
Version 2020/01

Distribution of copies: White (Asset Owner); Pink (DPR); Green (NOSDRA), Yellow (State Ministry of Environment), Blue (Host Community)

Page 3 of 8

INCIDENT NO: 2997377 JIV report S/N: 9009938

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

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

S/N	Northing	Easting
	7. 6	
	4.772099	6.651222
Z	4.971992	6.651125
3	4-972131	6.650793
4	4.971938	6-650923
3	4-972144	6.650985
6	4.972166	6-651105
7	4-97188	6-650493
8	4-972098	6-650492
_		

INCIDENT NO. 2997377 JIV report S/N: 0000938

·	IN	 n, r	4.17	 I A I	C.		 ٠.	70.1	100	
						,,,,,	 - / -			

G. INCIDENT INF	OKSIATION.			
a. Impacted A	rea Details *			
• To	nal calculated area of	impact (Ha) 0-17	HECTAR	ES
• Im	pact within SPDC R.	OW YES		
• 100	pact outside SPDC R	ow YES		
Round off to 2 decim Express in Hectares	al places if area is ≥ 10.	0 m² or to 4 decimal places if are	a is < 100 m² (e.g. 14 55.	0 0051, 0 0009)
b. Volume of a	il recovered befor	e completion of JIV (Vred		
		Recovered oil V <sub>trel</sub>	NIL	Barrels
Controlled rec	overy/evacuation fr	om source with no impact	o environment:	
		te Vra(bbls)* = 11. 9		
- Democrat end	led volume it an estimate	cel based tool (see attached for detail ration for volume estimation or caus		
THE OTHER PERSON	the disease of the property of			
2	of a tipe Confirmation from \$1 P.D. 49	be done on site as far as procescable  **Round up estimated volume to new	**	stimation software on site. Howing rules
<ul> <li>Any spill volui</li> </ul>	ne in except of 1 col to	rounded by to the real with		
<ul> <li>Any spill volu</li> </ul>	me in less than 1 libl 1	s rounded up to the next 0.1 bbl		
Examples	Calculated volume = 15 Calculated volume = 0	3 bbl Reported volume = 10 35 bbl Reported volume = 0	4 661	

Wherever this estimation tool is not applicable please refer to paragraph 6c (Deviations) of the JIV procedure to use appropriate steps for column estimation, record the calculation in a plain sheet of paper and attach to the JIV report.

Version 2020/01

Calculated volume = 0.01 bbl ----- Reported volume = 0.1 bbl.

INCIDENT NO: 2997377 JIV report S/N: 000938

#### d. General Status of the site

- 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

This report was filled, agreed and signed by the following joint investigation team representatives:

- · Host Community:
- . Department of Petroleum Resources [DPR]: D
- 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

Version 2020/01

INCIDENT NO: 2997377JIV report S/N: 0000938

f. Appendix 1: Overview sketch of the site

Location: 20 KdoCREEK-RUMUEKPE TRUNKLINE AT OKOMA
2222
THICK BUSH >
2 2 2 2
FREE PHASE CHURCH STANDER
FREE PITTLE
THUNKLINE
20" KOLO CREEK - RUMUENTE TRUNKLINE
20 1200
\
SPILL POINT
SPAC PIPELINE EXTENT OF IMPACT
SPAC RIGHTOF WAY
> THICK BUSH
2 2 2 2 2 THICK BUSH 2 2 3 3

Version 2020/01

Distribution of copies. White (Asset Owner). Pink (DPR), Green (NOSDRA), Yellow (State Ministry of Environment).

Blue (Host Community) Page 7 of 8