INCIDENT NO: 2999592 JIV report S/N:000947

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

A. GENERAL INFORMATION: 99959	7	DIL SPILL
1. Fountain Incident Number 2 11110	2. Type of inciden	OIL SPILL
3. Name of Location 20 KOLO CK	EEK-KUM	WEKPE TRUNKLINE
4. Name of nearest community OKPOROWOS	State: KIVEL 6	LGA THONDA ETT
7. Production Facility/Installation	PIPELINE	At 1-10 - Total
8. Asset Owner/Hub HE SHELL	PEINOCEUN	DEVELOPMENT COMP
B. INCIDENT INFORMATION:		
	ULY, 2021 2021 Day(s) on	Site: ONE (1) DAY
□Firm soil □Loose so		Recently excavated area
Under water Swampy	-	□Exposed pipe surface □Sand bag(s)
■Well Platform (on water) ■Drill Rig	,	Jisand bag(s)
Additional observations around the spill point:	DLICH	BLE
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  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	☐ Hack saw cut ☐ Well head tampering ☐ Missing Pipeline/Flowline ☐ Third party tampering with Clamp ☐ Third party tampering with flange, ☐ Surge vessel overflow, ☐ Accidental 3 <sup>rd</sup> party equipment impact
f. Incident caused by:  ☐ Third party interference (Sabotage ☐; crude ☐ Operational ☐ Others (including N		idental 3 <sup>rd</sup> party damage □)

\*This can be: (a) Oil Spill (b) Drilling fluid Chemical (c) Silication (d) Waser Leak (e) Fire (f) Non-leaking theft point removal Version 2020/01

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Blue (Host Community)

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Nort	bing:			Easting:
4	-970	695		6.638 956
ASS	ESSMENT			
Detail	of Enviror	nment		
Ty	pe of envir	onment where s	spill occurred (se	elect one):
13k	and	□Swamp	□Water	☐Seasonal swamp ☐Shoreline/Waterfro
T	pe of envir	onment to which	th oil has spread:	l:
⊡L.	and	Swamp	■Waterbody	y (specify)
W	eather cond	dition		
N/	ny	□wet	□Windy	□Hot
Dista	ice to Sensi	tive habitat wit	hin 100m radius	•
	Orinking wat  □Surface Built up Area  □Residen Farmlands Fish Farm/Po Fishing net	er source water □Bo tial Area □Co ond	ignated protected a prehote prumercial/Industrial	[ ,m]   WITHIN Va
Conta	nment meas	ures put in place	:	
	Booms DT	rench 🗖 Dyke	□ Pit □ Nati	tural depression None
	Others:	-		
Any p	ictures or vid	leo coverage?		WI INI
Furth	er response/	repair initiated a	s at the time of JIV	V? V/ [N]
				LANGE

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15. Was there any disruption to the investigation? [Y] [N]
If yes to item 15 give brief discription / (AA/Z
NOT APPLICABLE  16. Was JIV delayed? [Y] VIII
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
18. Crops/Economic Trees
S/N Type of crops Young Medium Matured Quantity Comments
19. Fish Nets/Ponds
S/N Fish/Neta/Ponds Desgription Quantity/Size Comments
20. Others (Specify) e.g. Animal Traps
S/N Others Description Quantity/Size Comments
MONE WITHIN AREA OF IMPACT
E. GRAPHIC DESCRIPTION OF LEAK POINT (while detailed description of the leak point should be coptained in the leak report, overview sketch of the site should be added as appendix 1) A SECULAR OF LOW
CREEK-KUMUFKPF TRUNKINE AT OKDOOMS COLL
4" VALVE INSTALLED AT 12'O'O'CLOCK POSITION BY UNKNOWN PERG
OCLOCK POSITION HYVALVE HANDLE POINT
0720"
KOLO CREEK TRUNKLINE Version 2020/01

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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)

S/N	Northing	Easting
1	4-970706	6.638962
2	4.970689	6-638964
3	4.970688	6-638947
4	4.970704	6-638944
-		
_/		
_		

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INCIDENT	INDEZATION.	A THEFANI.
 100 11110 0	174 14 1 14 14 14	

INCIDENT IN	PORMATION.			
a. Impacted	Area Details *			
• 1	otal calculated area of impact (Ha)	ES	Of HECTS	4RES
• 1	mpact outside SPDC R.O.W	NO		
	nal places if area is ≥ 100 m² or to 4 d		u < 100 m² (e g. 14.55,	0.0051, 0.0009)
o. Volume of	oil recovered before completi	on of JIV (Vred):		
	Recov	ered oil Vreel:	NIL	Barrels
Controlled re	covery/evacuation from source	With no impact to Barrels	environment:	
c. Net Estin	nated Spilled Volume V <sub>Eu</sub> (hble	u=1.92	BARRELS	
		ar it ileases		The United
stimated Repo	ted Volume ** V.,p(bbls)= 2	BARREL.	<u> </u>	
Weste other rele	iled volume is an estimate vant notes taken into consideration for volu	ne estimation or valute o	f spill	
the same of the same bear	ctive estimated volume is to be done on the wix is Volume (m3) x 6 29. **Round up est me in excess of 1 bbl us rounded up to	DESCRIPTION ACCOUNTS OF US AND PER AL	ng the new spill volume esti hale number using the falla	mation reflucire on su wing rules
Any spill volu	me m less than I bbl is rounded up to	the next 0 1 bbl		
Examples	Calculated volume = 15.3 hbl R Calculated volume = 0.15 hbl R Calculated volume = 0.01 hbl R	Reported values = 0.4 t	101	
	15 15			

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.

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d. General Status of the sit	d.	General	Status o	f the sit
------------------------------	----	---------	----------	-----------

1,1	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
ii.	Investigation of the incident site showed that there is residual impact on site requiring further works	00

#### e. Representatives

	TO MILLIO CS	
Th	ort 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 applied	ble

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f. Appendix 1: Overview sketch of the site

LOCATION: 20" Kolo CREEK-RUMWEKPE TRUNKLINE AT OKPORCHO
IMPACTED AREA  TREE PHASE CRUDE
Spill POINT
111111111111111111111111111111111111111
SPAC PIPELINE
SPAC PUPELINE SPAC RIGHT OF WAY