INCIDENT NO: 275 1724 JIV report S/N: 0578

(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: 2751724	CONTRACTOR OF A COURT TRACTOR OF SOME STATE	11192 110 *nn
3. Name of Location 8 NKALI - IMB	Ra PIPELIN	<del>E</del> (PT)
4. Name of nearest community NKAL	5. State: RWERS 6.	LGA ETCHE
7. Production Facility/Installation CRUS	E OIL PIPE	-INE
8. Asset Owner/Hub TITE SHELL PETR  B. INCIDENT INFORMATION:	OLEUM DEVELO MITEN (SPDC)	PINENT COMPANY
		I II CEIIIO
9. Details of incident a. Date Reported: 04 <sup>th</sup> 0CT6BER, 26	20	
b. Start date/time of Investigation: (X) IN OCTO	, ,,,,,,,,	to the same of the
c. Investigation End date: OFTO OCTOBER	2020 Day(s) on	site: DNE DAY
d. Description of spill point environment		
Firm soil	oil <u>S</u>	Recently excavated area
Under water Swampy		Exposed pipe surface
☐Well Platform (on water) ☐Drill Rig	g - C	Sand bag(s)
Additional observations around the spill point:	,	
XI. X X DE	VI : O . O . I	
NOT APP	LICABLE	
e. Description of leak point (tick as applicable);		
Smooth round-edge hole	Rough-edge hole	Hack saw cut
Complete Rupture	☐ Inward dent,	Well head tampering
Failed Weld-on illegal hot tap valve	☐ Failed Clamp,	Missing Pipeline/Flowline
☑Crude oil theft (illegal bunkering) point, ☐ Third party tampering with valve setting	☐ Saver-pit over flow☐ Bulging Outward	☐ Third party tampering with Clamp ☐ Third party tampering with flange,
☐ Flare System/Bund wall failure	Cold vent	☐ Surge vessel overflow,
☐ Valve Failure	Relief valve failure	Accidental 3 <sup>rd</sup> party equipment impact
☐ Tear ()		1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Others (specify)		4 · · · · · · ·
f. Incident caused by:	<u>.</u>	
☐Third party interference (Sabotage ☐; crude t		
☐Operational ☐Others (including M	(ystery spills)	

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

Version 2020/01

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Blue (Host Community)

	asuring unit	tes (*Incidents <u>&lt;</u>	100m apart to be as	5 84	one Joint I	Investigation Re	eport)
	Northing:	LATITUD	JE	Easting:	LA	Darros	€
	4.0	98599		7	. 15	35	
				<i>&gt;</i>			
E				-			
	ASSESSMENT					· ,	
10. I	Details of Enviro	onment					n e
i.	Type of envi	ronment where s	spill occurred (sel	ect one):			
	Land	□ Swamp	□Water	□Seasona	l swamp	□Shoreline/	Waterfront
ii.	Type of envi	ronment to which	ch oil has spread:	18	TH.		٠
	<b>□</b> Land	□Swamp	□Waterbody (	specify)	3		
iii.	Weather con	dition		Ÿ			**
	□Dry	<b>⊡</b> Wet	□Windy	□Hot			
11. E	istance to Sens	itive habitat with	nin 100m radius				
	Drinking war	ter source	gnated protected are	ea [	,m] ( ,m]	) NONE S	EEN
	☐Surface ☐ Built up Area	a	rehole	<b>T</b>	,m]	WITHN	een Vicinit
	☐Residen ☐ Farmlands	tial Area   Co.	mmercial/Industrial A	rea [	,m]	, way it can	, 11011411
٠	☐ Fish Farm/Po☐ Fishing net	ond		į.	,m]		
	□ Others (speci	fy)			,m] ,m] <sub>_</sub>		
12. C	ontainment meas	ures put in place:					
	□Booms □T	rench 🛘 Dyke	☐ Pit ☐ Natura	ıl depression	□None		
la .	Others:			li .			# # # # # # # # # # # # # # # # # # #
13. A	ny pictures or vic	leo coverage?		[4]	[N]		
14. I	rurther response/r	epair initiated as	at the time of JIV?	[X]	[N]		
yes to iter	n 14, give brief des	cription:				2	18 1881
CL	AMPINO	3 ON-G	101NG			<del>-</del>	

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15. Was there any disruption to the investigation? [Y] [N]
If yes to item 15 give brief description:
NOT APPLICABLE  16. Was JIV delayed? [Y] INT
Reason(s): NOT APPLICABLE  Delayed Community Access Approval Description Delayed Community Access Approval Delayed Community Access Appr
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    Description   Quantity/Size   Comments   Description
20. Others (Specify) e.g. Animal Traps  S/N Others Description Quantity/Size Comments
NONE SEE NOTE   Quantity/Size   Comments
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) A SECTION OF B" NKALL-MORQ PIPELINE AT NKALLSHOWING IV2" LOCALLY FABRICATED CLAMP WITH IV2" VALVE INSTALLED AT 120 CLOCK POSITION BY UNKNOWN PERSON(S).
LACALLY: The ING GALVANIES DO
LOCALLY 1/2 GALVANIZED PIPE FABRICATED LEBALL VALVE/LEAK POINT
8" 15 DI 8"PIRE
NKALI TO IMPRO

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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)

COL	T 52	Maz8t
S/N	Northing LATITUDE	
ţ,	4.98598	Fasting LONGITUDE 7.15037
2.	4.98595	7.15036
3.	4.98595	7-15033
4"	4.98599	7-15032
5.	4.98599	7.15020
6.	4.98602	7-15019
70	4-98605	7-15046
8.	4.98607	7-15080
9.	4.98601	7-15080
3		
	•	
		·
10		
100		

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G. INCIDENT INFORMATION:
a. Impacted Area Details *
• Total calculated area of impact (Ha) O. O. Ha
Impact within SPDC R.O.W
Impact outside SPDC R.O.W
* Round off to 2 decimal places if area is $\geq$ 100 m <sup>2</sup> or to 4 decimal places if area is $<$ 100 m <sup>2</sup> (e.g. 14.55, 0.0051, 0.0009) * Express in Hectares (Ha)
b. Volume of oil recovered before completion of JIV (Vreed):
Recovered oil Vreci: Barrels
Controlled recovery/evacuation from source with no impact to environment:
N(L Barrels
c. Net Estimated Spilled Volume $V_{Est}(bbls)^* = 3.09BARRELS$ Estimated Reported Volume** $V_{rep}(bbls) = 4BARRELS$
*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 volume estimation or cause of spill;
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 m³ 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 1 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.
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	ie si	te
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i.	Joint investigation of the incident site found that there is no residual impact after the initial response therefore recommend that the site be closed out $\Box$	and JIT	William St.
ii.	Investigation of the incident site showed that there is residual impact on site requiring further works	B	Accounts the last

#### 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 🖬

Tick as applicable

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#### f. Appendix 1: Overview sketch of the site

Location: 8" NKALI - IMOR 2 PIPELINE AT NKALI	
1 x x x x x x x x x x x x x x x x x x x	N change
8 x x x x x x x	
X X X X X X X X	
X X X X X X X X X X X X X X X X X X X	-
Y X X X LIGHT BUSH X X X X X	
SPILL POINT IMPACTED AREA 8" PIPELINE	
STILL I SHALL	•
SPDC RIGHT OF WAY & THICK VEGETATION	
8 8 8 8 9	