INCIDENT NO: 2988284 JIV report S/N:0000793

(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: 29882	8 4 2. Type of incide	ent* OIL SPILL
3. Name of Location 14" OKORDIA	- RUMUEKPE	- PUBLINE
4. Name of nearest community \( \frac{1}{140000} \)	5. State: RIVERS 6	LIGA AHOADA - EAST
7. Production Facility/Installation OIL PI	PELING	
8. Asset Owner/Hub THE SHELL  B. INCIDENT INFORMATION:	PETROLEUM	DEVGLOPMENT COMPAN
B. INCIDENT INFORMATION:	IMITED (SPAC)/	PIPELING
9. Details of incident a. Date Reported: The July, 262 b. Start date/time of Investigation: c. Investigation End date: The July, 2 d. Description of spill point environment  Firm soil  Under water  Well Platform (on water)  Drill R	$\frac{1}{2}$ Day(s) on soil	SOHRS site: ONE CID DAY  Recently excavated area  Exposed pipe surface  Sand bag(s)
Additional observations around the spill point:	APPLIC	LABLE
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 2; crude  Operational Others (including N		dental 3 <sup>rd</sup> party damage □)

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

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	Northing:			Easting:			
	4.998329		6.6656	6.665686			
er.	ASSESSMEN						
	Details of Envi						
	Type of en	vironment where	spill occurred (se	elect one):			
	Land	Swamp	□Water	Seasonal swamp	Shoreline/Waterfrom		
	Type of en	vironment to whi	ch oil has spread				
	Land	Swamp	■Waterbody	(specify)			
i.	Weather co	ondition					
	Dry	□Wet	□Windy	Hot			
ı. [	Distance to Se	nsitive habitat wit	hin 100m radius				
	<ul><li>Drinking v</li></ul>	ent reserved and des water source face water	ignated protected	I NIL,mj			
	Built up A		ommercial/Industria	[ NIL,m]			
	Farmlands	S		[MPACESTI]			
	☐ Fish Farm☐ Fishing ne			[NU,m			
	Others (sp			[MIL,m			
2. C	Containment me	easures put in place	. ,				
	□Booms □	Trench Dyke	Pit Na	tural depression Nor	e		
	Others:						
. A	ny pictures or	video coverage?		[N] [N]			
	Further respons	se/repair initiated a	s at the time of JI	v? [N]			
. 1	dither respons						

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15. Was there any disruption to the investigation? [Y]
If yes to item 15 give brief description:
NOT APPLICABLE  16. Was JIV delayed? [Y] W
Reason(s): NOT APPLICABLE  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
MONE WITHIN AREA OF IMPACT
18. Crops/Economic Trees  S/N Type of crops Young Medium Matured Quantity Comments
1 CASSAVA FEW FEW FEW FEW PMPACTED 2 PALMTREE NONE 3NOS NONE 3NOS IMPACTED
19. Fish/Nets/Ponds
S/N Fish/Nets/Ponds Description 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 contained in the leak report, overview sketch of the site should be added as appendix 1) A SECTION OF 14" UNORDY
umutkpe pipelime Ai Ituowo Stowing A 40mm Drilled Hole A
2 O'LECK POSITION DONE BY UNKNOWN PERSONS.
40mm DRULED HOLE
AT 12 O'CLOCK POSITION  BONE BY UNKNOWN
PERSONSI
하게 보통 다르게 점점하게 되었는데 보고 보는 사람들이 되는 사람들은 사람들이 되었다.
14"
FROM OKORDIA TO RUMIENDE PIPELINE
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Blue (Host Community)

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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)

SN	Northing Northing	Easting
r ameli sidipadenana ik da sidahirganja, Australiyangan	4.998356	6.665654
	4.998316	6.665561
	4.997922	6.665723
	4.997975	6.665816
	4.997777	6.665792
	4.997712	6.665845
	4.997609	6.665904
	4.997643	6.665980
	4.997762	6.665932
	4.99 7937	6.665971
	4.998420	6.665794
	4.998501	6.665518
	4.998155	6.665513
	4.997420	6.666059
	4.997478	6.666120
	4.998015	6.665807
	4.997943	6.665712

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1		I TATE ATT	INTON		TREALS.
U.	INC	INCAN I	INFOR	IVI A	LIION:

. INCIDENT INFORMATION:
a. Impacted Area Details *
• Total calculated area of impact (Ha) 0.3 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 $\leq$ 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 (V <sub>recJ</sub> ):
Recovered oil V <sub>recJ</sub> : NIL Barrels
Controlled recovery/evacuation from source with no impact to environment:
NIL Barrels
Estimated Reported Volume** Vrep(bbls)= 147 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:
alculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimation software on site inversion 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 I bbl is rounded up to the next whole number.
• Any spill volume in less than 1 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

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

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d	General	Statue	of	tha	cita
u.	Ocheral	Status	OI.	une	Site

- i. 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

d

#### e. Representatives

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

- Host Community:
- Department of Petroleum Resources [DPR]: 2
- National Oil Spill Detection and Response Agency [NOSDRA]:
- State Ministry of Environment [SME]: \(\nabla\)
- The Shell Petroleum Development Company [SPDC]: ™
- Separate DPR 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

