INCIDENT NO: 301 60 40 JIV report S/N:0000921

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

A. GENERAL INFORMATION:

A. GENERAL INFORMATION:
1. Fountain Incident Number: 3016040 2. Type of incident* DIL SPILL
3. Name of Location 14" OKORDIA - RUMUEKPE PIPELINE
4. Name of nearest community AKALA - OLY. State: RIVERS 6. LGA A HOADA WEST
7. Production Facility/Installation OIL PIPELINE
B. Asset Owner/Hub THE SHELL PETROLEUM DEVELOPMENT COMPANY B. INCIDENT INFORMATION:
Details of incident a. Date Reported: 26TH AUGUST, 2021 b. Start date/time of Investigation: 29TH AUGUST, 2021   1220 HRS c. Investigation End date: 29TH AUGUST, 2021   Day(s) on site: ONE (1)   AY d. Description of spill point environment    Firm soil
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  Cold vent  Relief valve failure  Guesting  Rough-edge hole  Inward dent,  Well head tampering  Missing Pipeline/Flowline  Third party tampering with Clamp  Third party tampering with flange,  Surge vessel overflow,  Relief valve failure  Accidental 3rd party equipment impact
Third party interference (Sabotage , crude theft ; Line theft ; Accidental 3rd party damage )  Operational Others (including Mystery spills)  *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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<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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	ill Point Coordina easuring unit	tes (* <i>Incidents</i> ≤1	00m apart to be a \へいら	ggregated into one Joint In 84	westigation Report)
	Northing:	LATITY		Facting	SITUDE
		5.1106	08	6.5009	29
. D.O.					
	ASSESSMENT Details of Enviro				
i.			spill occurred (se	elect one):	
	<b>L</b> and	□Swamp	□Water	☐Seasonal swamp	☐Shoreline/Waterfront
ii.	Type of envi	ronment to which	ch oil has spread:	:	
	Land	□Swamp	□Waterbody	(specify)	
iii.	Weather con	dition			
	$\square_{Dry}$	Wet	□windy	□Hot	
11. I	Distance to Sens	itive habitat with	nin 100m radius		
	☐ Drinking wa	ter source e water Bo	gnated protected a	area [ NIL,m] [ NIL,m]	
	□ Built up Are □Resider		mmercial/Industrial	[ NIL,m]	
	Farmlands ☐ Fish Farm/P	ond		[ <b>(0</b> ,m] ,m] ,m, ,m, ,m, ,m, ,m, ,m, ,m, ,m,	
	☐ Fishing net☐ Others (spec	ifv)		[ NIL,m]	
12. C		sures put in place:		[ NıL,m]	
12. 0			□ Die □Noe	ural depression UNone	
	Others:				
12 A					
	ny pictures or vic			[W] [N]	
			at the time of JIV	'? [V] [N]	
yes to iter	m 14, give brief des	scription: 34 Ch	AMPIN	G	

15. Was there any disruption to the investigation? [Y] [Y]  If yes to item 15 give brief description:
If you to item 15 give brief description:
If yes to item 15 give oner description.
MOT APPLICABLE  16. Was JIV delayed? [Y] [WT
Reason(s):  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
NONE WITHIN AREA OF IMPACT
18. Crops/Economic Trees  S/N Type of crops Young Medium Matured Quantity Comments
MONE WITHIN AREA OF IMPACT
19. Fish/Nets/Ponds
S/N Fish/Nets/Ponds Description Quantity/Size Comments
MONE WITHIN AREA OF IMPACT
20. Others (Specify) e.g. Animal Traps
S/N Others Description Quantity/Size Comments
NOME VILLIA 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"
OKORDIA - RYMMEKPE PIPEPILINE AT AKALA- DLY SHOWING
A 100MM BIMWELKK VYMITKIS ISENII ITI 10 0'-1
BY UNKNOWN PERSONS LEAK GOMM DIAMETER
BY UNKNOWN PRISONS POWER BOMM DIAMETER
AT 120' Chock POSITION
14"
FROM OKORDIA TO RUMURKPE

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Blue (Host Community) Page 3 of 8

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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)

	NIGS &	4
S/N	Northing LATITYDE	Easting LONGITUBE
3	5.110647	6.500916
2	5.110608	6.500875
3	5.110553	6.500956
4	5.110583	6.500991
	/	

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$\boldsymbol{C}$	INCIDENT	INFORMATION:	
U.	HI CHENTI	INTORMATION:	

INCIDENT IN ORMATION.
. Impacted Area Details *
Total calculated area of impact (Ha) 0,006 Ha
• Impact within SPDC R.O.W
Impact outside SPDC R.O.W
und 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) press in Hectares (Ha)
Volume of oil recovered before completion of JIV (V <sub>recJ</sub> ):
Recovered oil V <sub>recJ</sub> : N1L Barrels
Controlled recovery/evacuation from source with no impact to environment:
NIL Barrels
. Net Estimated Spilled Volume V <sub>Est</sub> (bbls)* = 0.67 BARRELS
U.O.I BAKKE~3
timated Parada JVII at V (III) A = 0
timated Reported Volume** Vrep(bbls)= 0.7 BARRELS
<ul> <li>Volume estimation was done using an excel based tool (see attached for details on the calculation)</li> <li>Reported spilled volume is an estimate</li> <li>Write other relevant notes taken into consideration for volume estimation or cause of spill:</li> </ul>
ulation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimation software on version 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 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 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 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
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

Location: 1411	OKORDIA-RUMUEKPE PIPELINE AT AKALA-OLY
SPSC PIPELWE RIGHT OF WAY	Rymuek pe Piperine of AKARA-OLY
	IMPACTED Y Y Y  Y Y Y  Y Y Y  CASSANA FARM