INCIDENT NO: 1668115 JIV report S/N:

Nº 0000177

(Note: As practicable as possible the JIT	report is to be signed in the field by a	all the participating parties)
A. GENERAL INFORMATION:		
1. Spill incident Number: 16681	15 2.Type of incide	nt* DIL SPILL
3. Name of Location 8" A	SSA - RUMUER	KPE PIPELINE S6. lga EMOHUA/AHOADA-EA
4. Name of nearest community	LABA 5. State: RIVER	S6. LGA EMOHUA/AHDADA-EA
7. Type of Production facility/Installation		ı
8. Asset owner/District THE SHE		EVELOPMENT COMPANY
B. INCIDENT INFORMATION:	KIN - HELLIER / LIFE	CINE
9. Details of incident a. Date of incident: 4 T H b. Start date/time of investigation: 1 c. Investigation End date: 4 T H	JULY, 2016 2TH JULY, 2016/1 ULY 2016 Actual investigation d	3:54 HOURS uration, days: Two (2)DAYS
d. Description of spill point environn		~
☐Firm soil	Loose soil	Recently excavated area
☐Under water	□Swampy	☐Exposed pipe surface
☐Well Platform (on Water	DrillRig	
THE SPILL POINT B BAY OF INVESTIGATION CECTION OF THE PU	LUBBLING ON ARRIVI ON. ON EXPOSURE OF PELINE POLYETHYLE	VESTIGATION TEAM OBSERVED INC. SITE ON THE FIRST FILL POINT, A ENE COATING SURROUNDING BY UNKNOWN PERSON(S).
e. Description of leak point (tick as a	anticable):	
Drilled hole	Hack saw cut	☐ Tear (),
Complete Rupture	☐ Inward dent,	☐ Well head tampering
Failed Weld-on illegal hot tap valve	-	☐ Missing Pipeline/Flowline
Crude oil theft (illegal bunkering	g) point, Saver-pit over flow	Third party tampering with Clamp
☐Third party tampering with valve	e setting	☐ Third party tampering with flange,
☐Flare System/Bund wall failure	Cold vent	☐ Surge vessel overflow,
☐ Valve Failure	Relief valve failure	e Accidental 3 rd party equipment impact
Others(specify)		•
	ge Z :crude theft□; Line theft□: Acc (including Mystery spills)	ridental 3 rd party damage□)

^{*}This can be: a) Oil Spill b) Drilling fluid Chemical c) Siltation d) construction e) Encroachment f) Fire.

INCIDENT NO	: 1668115	JIV report S	/N: Nº	ÕÕÕ Õ O177
g. Spill point coordinates	WGS 8	/1_		
h. Measuring unit Northing:	WA2 0	Easting:		
	**	4 -		
5.0566	, +0	6.7032	50 <u> </u>	
			 _	
		4		
C. RISK ASSESSMENT				
10. Type of environment:		•		
✓ Land □ Swam	p 🗖 Water	Seasonal swamp	☐Shoretine/\	Vaterfront
i. Type of environmen	t to which oil has spread:			
√Z Land □Swan	np 🔲 Water	☐River (identify)		-
ii. Weather condition				
√Rain □Sunn	y Dry Dwet	□Windy □Hot	□cool	
11. Distance from the nearest sen	sitive habitat			
☐ Government reserved an ☐ Drinking water source ☐ Built up area ☐ Farmlands ☐ Fish Farm/Pond ☐ Fishing net ☐ Others (specify). PALN		[,m] [,m] [,m] [,m]		
12. Containment measures put in	place;	•		
✓ Booms	☐Trench ☑Dyke	Natural depression	√ Pit	None
Others:				
13. Any pictures or video covera	ge?	[A]		
14. Further response/repair initi	ated as at the time of JIV?	[Y] [N]		
If yes to item 14, give brief description: RECOVERY OF FI REPAIR ON AFFECT				
15. Was there any disruption to t	the investigation?	[Y] [N]		

INCIDENT NO: 1668115 JIV report S/N: Nº 0000177

If yes to item 15 give brief	f description:		101		
Not	API	PLIC	ABL		
D. TYPE/NUMBERS O	F PROPERTIES, IF	ANY. FOUND	WITHIN THE	AREA OF SPRE	AD OF OIL
16. Structures / Propo					
S/N Type of Structur	es Description	Size	Number	Comm	ents
Mouse	A TOTAL S	<u> </u>	0 F	JADA C	
TYDIVE	ALLHIN	HKEP	UF	TMLAC	. 1
17. Crops/Economic	Trees	<u> </u>	<u> </u>		
	Young	Medium	Matured	Quantity	Comments
I PALM TREES	1 NO.	2 No.		3 No.	RY SPILL
					101 AT ILL
				<u></u>	
18. Fishing Nets/Fish	Ponds				
S/N Nets/Ponds	Description		Quantity/S&ze	Comments	
1 DAIE	ALITALIAL	1 DE	10	LADA	~~
NONE	MILLIM		H UI	IIXI P	
19. Others (Specify)	i.e. Animal Traps				
S/N Others	Description		Quantity/Size	Comments	
Mour !	Artonia	100	<u> </u>	15/10	ACT
NUNE	YYLHIN	AKL	$A \cup I$		nu !
E. GRAPHIC DESCRI	TION OF LEAK PO	DINT (while d	etail report of th	e leak noint shoul	d be contained in
the leak report, overview s	sketch of the site should	d be added as a	n appendix 1)	DE DIDE	LISTE AT
LELE-ALIMIN	SHOWN	NG 01	VE NO.	DRILLED	HOLE
AT 2 0 C	CHOCK LC	121 120	Ν		
			<u></u>		
T		~~~~ <u>~</u>			\ 1
-	Ţ	(\
1 \	<i></i>	0	15 M	M DIAMETE	ER 6
ILLEGAI	/ 🔍	_		M DIAMETE ED HOLE	
	HYLENE/ ~ OATING		2 0 0	LOCK POST	ITION /
/ \	on inta				/ \
1 \ \					() [.
<u>* </u>					¥
.		Page 3 of	B APPA	To RUMU	EKPE
			CIT NUST	, =	- -

INCIDENT NO: 1668115 JIV report S/N: Nº 0000177

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

20. Impacted area boundary Coordinates (If more Peint and atach as an appendix)

<u> </u>	45 04
	Easting
5.05694	6.70318
5.05695	6.70326
	6.70325
5.05686	6.70321
5.05679	6.70316
5.05667	: 6.70313
	6.70313
	6.70319
	6.70312
	: 6.40320
5.03.604	
	6.70309
5.05661	6.70325
	. /
·	/ ·
	•
	5.05694 5.05695 5.05695 5.05688 5.05686 5.05667 5.05658 5.05650 5.05635 5.05604 5.05661

INCIDENT NO: 1668115 JIV report S/N: Nº 00	00177
G. INCIDENT INFORMATION:	
a. Impacted Area Details	
Total calculated area of impact 0.083 HA	
Impact within R.O.W	
Impact outside R.O.W	
b. Volume of oil recovered before completion of JIV (Vrect):	
Recovered oil V _{recJ} : 35]
Controlled recovery/evacuation from source with no impact to environment: N1 Barrels	
Estimated Reported Volume** V _{rep} (bbls)= 264 BARRELS	
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 estimating the spilled in the box below:	_

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 m' 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.

Wherever this estimation tool is not applicable please refer to paragraph 6. (Declations) of the JIV procedure to use appropriate steps for volume estimation; record the eal ulation in a plain sheet of paper and attach to the JIV report

INCIDENT NO: 1668/15 JIV report S/N: Nº 0000177

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

Q/

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]:
- Asset Owner:
- Signatories agree with reported findings:
- Separate DPR form has been filled out with same findings□

Tick as applicable

INCIDENT NO: 1668 115 JIV report S/N: 0000177

f. Appendix 1: Overview sketch of the site

