INCIDENT NO: 2208824 JIV report S/N:013 1

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

A. GENERAL INFORMATION:		
1. Spill incident Number: 2208824	2. Type of incident*	OIL SPILL
3. Name of Location 20 " Kolo CREE	K-RUMUEKPE	= Thunk Link
4. Name of nearest community CRUMA		LGA CGBIA
7. Type of Production facility/Installation		•
8. Asset owner/District THE SHELL PO OF NIGGELA I B. INCIDENT INFORMATION:	STROLEUM DE LMITED (SPOC)	OFFELIAT COMPANY
9. Details of incident a. Date of incident: b. Start date/time of investigation: 214 DEC	EMBERIDOS 113	TO BASE
c. Investigation End date: 13 Th DECEMBER, 20	Actual investigation duration	on, days: <u>IMC (23 2) a 12</u>
d. Description of spill point environment	K C	4
Firm soil Loose so	·	Recently excavated area
☐ Under water ☐ Swampy ☐ Well Platform (on Water) ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐		Exposed pipe surface
A DECOATED PORTION OF WAS FOUND.	THE PIPELINE	WHERE THE DRILLED HOLE
e. Description of leak point (tick as applicable);		
Drilled hole	Hack saw cut	Tear ()
☐ Complete Rupture	☐ Inward dent	☐ Well head tampering
Failed Weld-on illegal hot tap valve	☐ Failed Clamp ☐ Saver-pit over flow	☐ Missing Pipeline/Flowline☐ Third party tampering with Clamp
☐ Crude oil theft (illegal bunkering) point ☐ Third party tampering with valve setting	☐ Saver-pit over now ☐ 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 3rd party equipment impact
☐ Corrosion	Others(specify)	
f. Incident caused by:		
☐ Third party interference (Sabotage ; crude ☐ Operational ☐ Mystery spills	theft□; Line theft□; Accide □ Others(specify)	

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

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INCIDE	NT NO: 🔗	208824	JIV re _l	port S/N:	0194	
g. Spill point coordinat	es					
Measuring unit		WGS 84		•		
Northing:	LATITUD	•	Easting:	LONGITZ	むさ	
	4-92			3.4222		
	7	<u>σσφ</u>				
						
C. RISK ASSESSMENT	г					
10. Type of environm	ent:					
Land	☐Swamp	□Water	☐Seasonal s	swamp 🔲 S	Shoreline/Wa	terfront
i. Type of o	environment to w	nich oil has spread:				
⊠ Land	□Swamp	□water	□River	(identify)		
ii. Weather	condition			-		
Rain	Sunny	Ø Dry □w	et □Windy	⁄ □Hot		
11. Distance from the	-	•		2237		
☐ Governmen ☐ Drinking water ☐ Built up are ☐ Farmlands ☐ Fish Farm/F ☐ Fishing net ☐ Others (spe	ater source a Pond	signated protected a	でなれて	上 ,m] 上 ,m] 上 ,m] 上 ,m] 上 ,m]		
12. Containment mea	sures put in place	;				
Booms		Trench Dyk	c Natural	depression	□Pit	□None
Others:						
13. Any pictures or v	rideo coverage?			[N]		
14. Further response	repair initiated as	at the time of JIV?		[N]		
If yes to item 14, give brief of RECOVERY AND	lescription:			<u> VGEZING</u>		
15. Was there any di	sruption to the inv	cstigation?	[Y]			. –

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If yes to item 15 give br	ief description:	PPL	CAP	OLE			_
D. TYPE/NUMBERS 16. Structures / Pro		S, IF ANY, FOUN	D WITHIN T	HE AREA (OF SPRI	EAD OF OIL	
S/N Type of Struc	<u> </u>	tion Size	Number		Comm	ents]
MONE	WITH	IN AP	EX	OF	tM	PACT	
17. Crops/Econom S/N Type of crops	ic Trees Young	Medium	Matured	Quanti	tv	Comments	1
S/A Type of crops	1 oung	, la a	Matureu	Quanti	· <i>y</i>	Comments	_
MONE	MIT	HIN A	REA	07	Imf	ACT	
18. Fishing Nets/F				<u>-</u> -			٦
S/N Nets/Ponds	Description	<u>n</u>	Quantity/Size	e Commer	its		-
NONE	MITH	HN AF	EA	Ψ	M	PACT	
	y) i.e. Animal Traps		I				- -
S/N Others	Description	9	Quantity/Siz	e Comme	ents		-
MONE	Witt	HP A	REA	OF	M	PACT	
E. GRAPHIC DESCI	RIPTION OF LEAD	K POINT (while o	letailed report o	of the leak po	oint shou	and the second s	
the leak report, overvie CAEEK - RUMN HOLE AT ON	W SKEICH OF THE SILE S LEKPE PLPI E-(1) O'CLOG	nound be didded as Shive AT The position	oruna oruna no boy	A SEC Morrison	G A	4mm Dri	holo
			•		*	21-301.7 7 .	
				Li Ma	Deni	JEN Hade	~ AT
				TO	crock	LED HOLE A POSITION PERSONS	BY

FROM KOLEGEEKTO AUMUEKPE Version 2018/01

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

20. Impacted area boundary Coordinates (If more, Print and attach as an appendix)

S/N	Northing	Easting
		7
	<u> </u>	1
	,	
	21	1
	+	1 xex
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	***
	1	
	2/5	
	(25)	
C TANK ST		A STATE OF S
J		
7	4	
/_		
/		

INC. NO.: 2208824			
20" KC-RUMUEKPE TL @ ORUMA			
PT_ID	LAT_Y	LONG_X	
SP	4.92596	6.42228	
272	4.92599	6.42219	
273	4.92602	6.42221	
274	4.92602	6.4223	
275	4.926	6.42237	
276	4.92597	6.42237	
277	4.92599	6.42233	
278	4.92593	6.42229	
279	4.92593	6.42228	
280	4.92596	6.42229	
282	4.92598	6.42229	
283	4.92598	6.42241	
284	4.92587	6.42201	
285	4.92578	6.4219	
286	4.92573	6.42186	
287	4.92558	6.42155	
288	4.92513	6.42154	
289	4.92516	6.4212	
290	4.92516	6.42119	
291	4.92508	6.42109	
292	4.92519	6.42177	
293	4.92524	6.42198	
294	4.9253	6.42213	
295	4.92535	6.42226	
296	4.92536	6.42234	
297	4.92543	6.42249	
298	4.92553	6.42271	
299	4.9256	6.44291	
300	4.92567	6.4231	
301	4.92569	6.42312	
302	4.92576	6.42326	
303	4.92581	6.42336	
304	4.92586	6.42351	
305	4.92592	6.42362	
306	4.92601	6.42373	
307	4.925961	6.422267	
308	4.925946	6.422573	
309	4.925872	6.422668	
310	4.925799	6.422811	
311	4.925925	6.423195	
312	4.92601	6.423587	

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G. INCIDENT INF	ORMATION:		
a. Impacted A	rea Details		
• To	otal calculated area of impact 1 · 1	2Ha	
• Im	pact within R.O.W	55	
• Im	ipact outside R.O.W	ES	
b. Volume of o	oil recovered before completion of JIV (√ _{reeJ}):	
	Recovered oil V _{recj} :	NIL	Barrels
Controlled rec	overy/evacuation from source with no important NIL Barrels	act to environment:	
	ated Spilled Volume $V_{Est}(bbls)^* = 34$ ed Volume** $V_{rep}(bbls) = 3448$		
 Reported spill 	ntion was done using an excel based tool (see attached for ed volume is an estimate at notes taken into consideration for estimating the spilled		
Conversion of m³ to barre	tive estimated volume is to be done on site as far as practicels is Volume (m3) x 6.29; **Round up estimated volume a me in excess of = 1 bbl = is vounded up to the next whole i	next whole number using the follo	timation software on site; owing rules:
 Any spill volu 	me in less than — I bbl — is vounded up to the next 0.1 bb	1.	
Examples:	Calculated volume = 15.3 bbt Reported volume Calculated valume = 0.35 bbt Reported volume Calculated volume = 0.01 bbt Reported volume	$v = 0.4 \ bbl$	
	tool is not applicable please refer to paragraph 6c (Devia lculation in a plain sheet of paper and attach to the JIV rep		ppropriate steps far volu

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đ.	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
Thi	s 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

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f. Appendix 1: Overview sketch of the site

