INCIDENT NO:	3015154	JIV r	eport S/N:0000957
(Note: As practicable as possible the Ji	T report is to be sign	ned in the field by al.	the participating parties)
A. GENERAL INFORMATION:		3	parties)
1. Fountain Incident Number: 301	5 (54	2. Type of inc	ident* N/ SD/ L
3. Name of Location 20 Kg	SLO CRFFK-	RUMUEKPE	PIDEL INF
4. Name of nearest community OK	0MA1 5 Ste	ate: RIVERS	CICLATION FOR
7. Production Facility/Installation		DIL PIPELIN	
8. Asset Owner/Hub HE STELL PE (IMITE) (SPOC B. INCIDENT INFORMATION:	- Rolfum New		
9. Details of incident a. Date Reported.	ust, 2021	,	
b. Start date/time of Investigation:	9H AUGUST 2	021/1420HRS	g a
c. Investigation End date: 1911 At	19457, 2021		n site: _ONE DAY
d. Description of spill point environ	ment		
☐Firm soil	Loose soil		Recently excavated area
Under water	□ Swampy		Exposed pipe surface
☐Well Platform (on water)	□Drill Rig		Sand bag(s)
Additional observations around t	he spill point:		
		LLEGAL RET	FINARY FITTED TO THE DI
e. Description of leak point (tick as a Smooth round-edge hole Complete Rupture Failed Weld-on illegal hot tap val Crude oil theft (illegal bunkeri Third party tampering with va Flare System/Bund wall failur Valve Failure Tear (Others (specify)	ve	ough-edge hole nward dent, ailed Clamp, aver-pit over flow fulging Outward old vent elief 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 rd party equipment impact
f. Incident caused by: Third party interference (Sabot Doperational Dother	age □; crude theft ☑ s (including Mystery	; Line theft □; Acci	dental 3 rd party damage □)
*This can be: (a) Oil Spill (b) Drilling fluid/Chemid	cal (c) Siltation (d) Water L	eak (e) Fire (f) Non-leal	king theft point removal

Version 2020/01

000957

	INCIDEN	NT NO:	3015154	JIV	report S/N		
	II Point Coordinate	s (*Incidents <u><</u> LGS	100m apart to be a ♀4	ggregated into	o one Joint Investi	igation Report)	
II. IVIC	Northing:	K	0 1	Easting:			
	4.971323		6.	6.644475			
			/			/	
	ASSESSMENT				¥		
	etails of Environ						
i.		nment where	spill occurred (se	lect one):			
	Land	□Swamp	□Water	Season	nal swamp \square S	horeline/Waterfront	
ii.	Type of enviro	onment to whi	ch oil has spread:				
	Land	□Swamp	□Waterbody ((specify)			
iii.	Weather condi	ition					
	□Dry	\square_{Wet}	Windy	□Hot			
11. D	istance to Sensiti	ve habitat wit	hin 100m radius		1		
	☐ Government re ☐ Drinking water ☐ Surface w	r source	ignated protected ar	rea [,m] \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	LE OBSERVED HIN VICINITY	
	□ Built up Area □ Residentia		ommercial/Industrial A	[Area	m] (Wit	HIN VICINITY	f
	□ Farmlands □ Fish Farm/Pon	(F)		[[,m] { ,m]		
	☐ Fishing net☐ Others (specify		*	أ	,m] ,m]		
12. C	ontainment measur	(S. 1) (S. 1)		L	,,		
12.			□ Pit ☑Natur	al denression	None		
	Others:				*		
13. A	ny pictures or video			[*/	[N]		_
			at the time of JIV?	[V]	[N]		
	m 14, give brief descr			r. 4. 1	C+7.1		
	No	NF					
	110	117					

INCIDENT NO: 3015154 JIV report S/N: 0000957
15. Was there any disruption to the investigation? [Y] [Y]
If yes to item 15 give brief description: NOT APPLICABLE
16. Was JIV delayed? [Y] [V]
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 SEEN WITHIN AREA OF IMPACT
18. Crops/Economic Trees
S/N Type of crops Young Medium Matured Quantity Comments Matured Mature
19. Fish/Nets/Ponds S/N Fish/Nets/Ponds Description Quantity/Size Comments
NONE SEEN WITHIN AREA OF IMPACT
20. Others (Specify) e.g. Animal Traps S/N Others Description Quantity/Size Comments
NONE SEEN 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 20" KOLO LREEK-RYMUEK PE PIPELINE AT OKOMA 1 SHOWING A 2" BALL VALVE FIND FINED WITH A 2" PIPE, INSTALLED AT 120 CLOCK POSITION BY UNKNOWN PERSONS).
SPILL POINT/FAILED WELDED
JOINT ON ILLEGAL CONNECTION TO ILLEGAL REFINARY
1) 20" KOLO CREEK RUMUEKPE PUREL INFE
KOLOCREEK TO RUMBEKDE
Version 2020/01

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Page 3 of 8

INCIDENT NO: 3015154 JIV report S/N: 0000957

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

21. Impacted area boundary Coordinates (If more, Print and attach as Appendix)

S/N	Northing	Easting
1.	4.97134	6.64455
٦.	4.97134 4.97139	6.64469
3,	4.97143	6.64485
4,	4.97147	6.64485
5.	4·97147 4·97144	6.64469 6.6448 5 6.64485 6.64461
-		
		e e e e e e e e e e e e e e e e e e e
	/	
Δ		

INCIDENT NO: 3015154 JIV report S/N: 0000	957
G. INCIDENT INFORMATION:	
a. Impacted Area Details *	
Total calculated area of impact (Ha) Impact within SPDC R.O.W Total calculated area of impact (Ha) OOHHA ES	
Impact outside SPDC R.O.W TES	
* Round off to 2 decimal places if area is \geq 100 m² or to 4 decimal places if area is $<$ 100 m² (e.g. 14.55, 0.0051, 0.0009) * Express in Hectares (Ha))
b. Volume of oil recovered before completion of JIV (VrecJ):	_
Recovered oil Vreed: NIL Barrel	S
Controlled recovery/evacuation from source with no impact to environment:	
NIL Barrels	
c. Net Estimated Spilled Volume V _{Est} (bbls)* = [-3] BARRELS Estimated Reported Volume** V _{rep} (bbls)= 2 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 volume estimation or cause of spill:	
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimation software 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 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	on site;
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 feestimation; record the calculation in a plain sheet of paper and attach to the JIV report.	or column

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Page 5 of 8

d. General Status of the site

i.	Joint investigation of the incident site found that there is no residual impact after the initial response a therefore recommend that the site be closed out	and JIT
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:

- 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 NOSDRA form has been filled out with same findings

 ✓
- Separate SME form has been filled out with same findings

Tick as applicable

INCIDENT NO: 30/5/54 JIV report S/N: 0000957

f. Appendix 1: Overview sketch of the site

