INCIDENT NO: 3012854 JIV report S/N:0000913

(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: 3012854	2. Type of incident* OIL SPILL
3. Name of Location 4" MORIVERS	WELL OIT FLOWLINE
	State: ABIA 6. LGA UKWA WEST
7. Production Facility/Installation CRMDE 01	
8. Asset Owner/Hub THE SHELL PETROL	GUM DEVELOPMENT COMPANY OF
B. INCIDENT INFORMATION: MI GERIA LI	MITED / LAND GAST HUB
9. Details of incident a. Date Reported: 2014 August 20 b. Start date/time of Investigation: 2814 August 20 c. Investigation End date: 2814 August 2 d. Description of spill point environment	GUST 2021/11:10HRS.
Firm soil Coose soil	Recently excavated area
☐Under water ☐Swampy	☐Exposed pipe surface
□Well Platform (on water) □Drill Rig	Sand bag(s)
Additional observations around the spill point:	
TO CONCLASS THE LEAD	MBBERTUBE AND BELT ARE USED C POINTS.
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, Sever-pit over flow Bulging Outward Cold vent Relief valve failure Hack saw cut Well head tampering Missing Pipeline/Flowline Third party tampering with Clamp Surge vessel overflow, Relief valve failure Accidental 3rd party equipment impact
f. Incident caused by: Third party interference (Sabotage 2; crude their Doperational Others (including Myst	t □; Line theft □; Accidental 3 rd party damage □) ery spills)

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

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	Northing:			Easting:		
	4.98	3055		7.1	93 4	27
C. RISI	K ASSESSMEN	· IT	•			
	Details of Envi					* -
í.	Type of env	rironment where	pill occurred (sel	ect one):		
	Z Land	□Swamp	□water	Порадол	ial swamp	☐Shoreline/Waterfront
			·	Inni OCGSUI	iui samith	matorioreimie/ waternone
ii.	Type of env	vironment to which	th oil has spread:			
	Land	□Swamp	□Waterbody (snecify)		
4.64	TTT .	ē		, (Carrier)	*	·
iii.	Weather co	ndition				
	Пргу	ïWet	□Windy	□Hot		
11.	Distance to Sen	sitive habitat witl	in 100m radius			
	□ Governmen	nt reserved and desi	gnated protected ar	ea l'	ml/	1
	Drinking w	ater source	•]	,, [m,	WITHIN NICINITY
	☐Surfac □ Built up Ar		rehole	r	,m]	1 100mm A 110 mm
	□Reside		mmercial/Industrial A	i. Arça	,uil &	A MULLIAN SUCINITY
	☐ Farmlands	Da-4		[,m]	
	☐ Fish Farm/l☐ Fishing net			[,m]	1
	□ Others (spe			L.	,m] ,m]	<i>}</i>
			,			
12,	Containment mea	isures biit in blace:				
12,	Containment mea	•				
12.	□Booms ☑	•	Pit Nature	al depression	□None	•
12,		•		al depression	□None	
	□Booms ☑	Trench Dyke		al depression	□None	•
13.	□Booms ☑ □Others; Any pictures or v	Trench Dyke	□ Pit □Naturs	W		•
13 14.	Booms Of Others: Any pictures or v Further response	Trench Dyke ideo coverage?	□ Pit □Naturs	al depression		
13 14.	□Booms ☑ □Others; Any pictures or v	Trench Dyke ideo coverage?	□ Pit □Naturs	W		

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15. Was there any disruption to the investigation
If yes to item 15 give brief description:
MOT APPLICABLE
16. Was JIV delayed? [N]
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
18. Crops/Economic Trees
S/N Type of crops Young
MONE WITHIN AREA OF INDACT
19. Fish/Nets/Ponds S/N Fish/Nets/Ponds Description
20. Others (Specify) e.g. Animal Traps
MOME WITHIN AR A OF MACO
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) OF HI NO RIVERS WELL OIT FLOWLIME AT OWAZA
PIECES OF BELT PIECES OF RUBBER TUBE
CONTERETE CAST HACK SAME CUT
STEPHE BOWIT
4" [] J'
- Andrews
FROM INIORNERS WELL OIT TO FLOW STATIONAL Version 2020/01
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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)

S/N	Northing	Easting
47	4.98051	7.19342
48	4.98053	7.19347
49	4.98055	7. 153 46
50	4.98057	7. 19349
٤/	4.98057	7- 1535/
52	4-98075	7.19387
53	4.98088	7.19417
54	4.98087	7.15418
55	4 98074	7.15390
56	4.98056	7.15351
7	4.98055	7.19351
-6	<u>4.98054</u>	7-19349
30	4.98052	7.19347
30	4.98050	7.193 43
	<u> </u>	
 		

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* INCIDENT INFORM	TATION:		
a. Impacted Area	Details *		
 Total ca 	elculated area of impact (Ha)	0.02.44	
• Impact	within SPDC R.O.W	YES	····
	outside SPDC R.O.W		
Round off to 2 decimal place Express in Hectares (Ha)	es if area is $\geq 100 m^2$ or to 4 decimal j	places if area is $< 100 \text{m}^2$ (e.g. 14.55, 0.00)51, 0.0009)
b. Volume of oil rec	covered before completion of .		
	Recovered of	/W/4	Barrels
Controlled recovery	/evacuation from source with n		······································
c. Net Estimated S	Spilled Volume $\nabla_{Est}(bbls)^* =$		
	1.90 %	MRRELS .	
stimated Reported Vo	lume** V _{rep} (bbls)=	//ry c- /	
	<u> </u>	BARRELS.	
(es:	**************************************	the sale of the sa	
 Reported spilled volun 	s done using an excel based tool (see attact ne is an estimate	r	
Non	taken into consideration for volume estima		
ulation of the respective estim	taled volume is to be done on site as far as	practicable using the new spill volume estimation	on software on site
- Any sput volume in exc	ess of 1 bot is rounded up to the next v	vhole number.	rules:
Any spill volume in less			
Calci	lated volume = 15.3 bbl	volume = 0.4 bbl	
ever this estimation tool is no ation; record the calculation	t applicable please refer to paragraph 6c (i in a plain sheet of paper and atlach to the J	Deviations) of the AV procedure to use appropr IIV report.	iate steps for colu

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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	
ę,	Representatives	
Thi	s report was <u>filled, agreed</u> and <u>signed</u> by the following joint investigation team representatives:	7
	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]: 2	
	• Separate DPR form has been filled out with same findings	
	Separate NOSDRA form has been filled out with some 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: 4" MORIVERS WELL OIT FLOWLING AT OWAZA
V SUCIONAL CONTRACTOR OF THE PROPERTY OF THE P
LIGHT BUSH JULIANE WELL OIT FLOWLING
1 V V V V V V V V V V V V V V V V V V V
FROWLINGE CXTEMI OF IMPRACT
SPOC FROWILINGE EXTENT OF THE SPORMS POINT
mypacied rate
I V V N CH V V
V V V V V V V V V V V V V V V V V V V