JOINT IN L'STIUM

INCIDENT NO: 2730588 JIV report S/N:

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

GENERAL INFORMATION:
Fountain Incident Number: 2730588 2. Type of incident* DIL SPILL
Lac. Price Od 1 Int Alle TAXAL INT
Name of Location IMO RIVER I WELL 475 FLOWLINE Name of nearest community SI - ETTITION State: ABIA 6. LGA 21KWA WEST
. Production Facility/Installation OIL FLOWLINE
Asset Owner/Hub THE SHELL PETROLEUM DEVELOPMENT COMPANY OF NIGHTIA LIMITED (SPOC) / LAND EAST HUB B. INCIDENT INFORMATION:
Details of incident a. Date Reported: 11TH SEPTEMBER, 2020 b. Start date/time of Investigation: 15TH SEPTEMBER, 2020 /1400HRS c. Investigation End date: 15TH SEPTEMBER, 2020 Day(s) on site: DNECI) NAY
d. Description of spill point environment Firm soil
Under water Swampy Exposed pipe surface
□Well Platform (on water) □Drill Rig □Sand bag(s)
NOT APPLICABLE
e. Description of leak point (tick as applicable); Smooth round-edge hole Complete Rupture Inward dent, 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 Cothers (specify) Chers (specify)
f. Incident caused by: ☐ Third party interference (Sabotage ♥ ; crude theft □; Line theft □; Accidental 3 rd 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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4.	97897		Fasting: LONG 7. 180	43
	110.1			/
				The first state of the state of
SK ASSESSME	NT	, i		
. Details of Env				
	vironment where s	spill occurred (se	lect one):	
/		과 시 <u></u> 크등생활, 막	Seasonal swamp	Shoreline/Waterfrom
Land	Swamp	□Water	Seasonal swamp	Shoreme, waterness
Type of e	nvironment to which	ch oil has spread		
Land	Swamp	■Waterbody	(specify)	
. Weather	condition			
Dry	□Wet	□Windy	□Hot	
	ensitive habitat wit			
Drinking Su Built up Farmland Fish Fart Others (st	Area sidential Area	orehole ommercial/Industria	[,nt	MITHER VICIN All All All All All All All A
			tural depression No	ne
Others:_				
3. Any pictures of	r video coverage?		[N]	
	nce/repair initiated a	as at the time of JI	v? [Y] [V]	
4. Further respo	inserrepair initiated a			

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INCIDENT NO: 2730588 JIV report S/N: 0591
15. Was there any disruption to the investigation? [Y]
If yes to item 15 give brief description:
NOT 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
NONE WITHIN AREA OF IMPACT
18. Crops/Economic Trees Medium Matured Quantity Comments Medium Matured Quantity
S/N Type of crops Young Medium Matured
NONE MITTIN TREAT OF THITACI
19. Fish/Nets/Ponds Quantity/Size Comments Quantity/Size Comments
S/N Fish/Nets/Ponds Description Quantity/Size Comments
HOVE WILLING WAY
20. Others (Specify) e.g. Animal Traps Quantity/Size Comments
S/N Others Description Quantity/Size Comments
NONE WITHIN THEN OF HYLFE
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 SECION OF IMO RIVER in the leak report, overview sketch of the site should be added as appendix 1) A SECION OF IMO RIVER
in the leak report, overview sketch of the she should be didned in the
SAM OUT AT 5 TO G O'LLOCK POSITION DONE BY UNKNOWN PERIONS.
용상 이 있는 사람들은 근처를 다시다고 있으면 사람들은 학교를 가지 않는 것이 되었다.
LEAK DUE TO 72 am
MARKSAN OUT AT 15 TO 6 DILOCK
POSTIUN.
71.
3"
Implied WELL 445 FLOWLINE Version 2020/01

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Blue (Host Community)

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INCIDENT NO: 2730588 JIV report S/N: 0591

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 LATITUDE	Easting LONGITUDE
1	4.97898	7-18042
2	4-97898	7.18045 7.18044 7.18040
3	4.97895	7.18044
4	4.97896	7.18040
_		
		A STATE OF THE STA
4		
/		

INCIDENT NO: 2730588 J	IV report S/N: 0591
G. INCIDENT INFORMATION:	
a. Impacted Area Details *	
 Total calculated area of impact (Ha) ♦ • ♦ 1 	.Ha
• Impact within SPDC R.O.W YES	
• Impact outside SPDC R.O.W	
* Round off to 2 decimal places if area is $\geq 100 \text{ m}^2$ or to 4 decimal places if area is * Express in Hectares (Ha)	$s < 100 \text{ m}^2 \text{ (e.g. } 14.55, 0.0051, 0.0009)$
물에 고급하고 있어야 한 말하고 있고 있다면 하는 사람들은 생각하고 있다.	
(V rec.J):	
Controlled recovery/evocyetion from the second visit in the second	NIL Barrels
Controlled recovery/evacuation from source with no impact to e	environment:
c. Net Estimated Spilled Volume V _{Est} (bbls)* = 0.01 BA	
*Notes: • Volume estimation was done using an excel based tool (see attached for details on exported spilled volume is an estimate Write other relevant notes taken into consideration for volume estimation or cause of s	
Calculation of the respective estimated volume is to be done on site as far as practicable using Conversion of m³ to barrels is Volume (m3) x 6.29; **Round up estimated volume to next who 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.	the new spill volume estimation software on site le number using the following rules:
and the state of t	
Calculated volume = 0.35 bbl Reported volume = 0.4 bbl Calculated volume = 0.01 bbl Reported volume = 0.1 bbl.	
herever this estimation tool is not applicable please refer to paragraph 6c (Deviations) of the timation; record the calculation in a plain sheet of paper and attach to the JIV report.	JIV procedure to use appropriate steps for colu

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A	General	Status	of	the	site
a.	General	Dialus	U1	LILL	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

7

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]: \sum_
- 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: MO RIVER 1	WELL	445	FLOWLI	NE AT	1GIRI UKNI	1/151-611116
SPDC GATHERING MANTEUS RIGHT OF WAY						1
MO RIVERS WELL 445 FLOW IT KIRUKHU/131-ETTITIOHA	LINE		SPILL			
	ENTENT OF WARE			-MPACIE AREA	- (rano) -(
					1	
					sfor (Manyor OF was	MITTERME, LD RIE, AT