Nº 0000279

INCIDENT NO: 1838941 JIV report S/N: (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: 1838941 2. Type of incident\* O1L SPILL

3. Name of Location IMD RIVER WELL 255 FLOWLIME

UMUEDOKWARA
4. Name of nearest community 5. State: RIVERS 6. LGA EFCHE 7. Type of Production facility/Installation OIL FLOWLIME 8. Asset owner/District SPDC / LAND EAST HUB. **B. INCIDENT INFORMATION:** 9. Details of incident a. Date of incident: 14 APRIL, 2017 b. Start date/time of investigation: 19<sup>TH</sup> APRIL, 2017 / 13:33 PM c. Investigation End date: 19Th APRIL, 2017 Actual investigation duration, days: ON F(1) DA-1. d. Description of spill point environment Loose soil Recently excavated area ☐Firm soil Exposed pipe surface ☐ Under water □Swampy □Well Platform (on Water □ DrillRig Additional observations around the spill point: e. Description of leak point (tick as applicable); ☐ Hack saw cut ☐ Tear ( ☐Drilled hole ☐ Well head tampering ☐ Inward dent, Complete Rupture Missing Pipeline/Flowline Failed Weld-on illegal not tap valve ☐ Failed Clamp, ☐ Third party tampering with Clamp ☐ Saver-pit over flow Crude oil theft (illegal bunkering) point, ☐ Bulging Outward ☐ Third party tampering with flange, ☐ Third party tampering with valve setting Cold vent ☐ Surge vessel overflow. ☐Flare System/Bund wall failure Accidental 3rd party equipment impact ☐ Relief valve failure ☐ Valve Failure Others(specify)

Others (including Mystery spills)

f. Incident caused by:

☐ Operational

☐Third party interference (Sabotage☐; crude theft☐; Line theft☐: Accidental 3<sup>rd</sup> party damage☐)

<sup>\*</sup>This can be: a) Oil Spill b) Drilling fluid Chemical c) Siltation d) construction e) Encroachment f) Fire.

C.

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g. Spill point coordinates						
h. Measuring unit	WC	<u> </u>	<u> </u>			
Northing:	TUDE	E	asting: L	200Cr	TIVOE	
4.98	<u></u> }ろ0ろ	-	7.	16775	1	
4. 98	329.		7	16.789	<u></u>	
	1-8			[3	m	
C. RISK ASSESSMENT						
10. Type of environment:						
✓Land □Sv	wamp 🔲 W	<sup>7</sup> ater	Seasona	l swamp	☐Shoreline/\	Waterfront
i. Type of environ	ment to which oil h	as spread:				
<b>☑</b> Land □S	wamp $\Box$	lWater	□Rive	r (identify)		_
ii. Weather condition	on					
□Rain Øs	Sunny Dry	□Wet	Windy	□Hot	□cool	
11. Distance from the nearest	t sensitive habitat	•				
Government reserved Drinking water source Built up area Farmlands Fish Farm/Pond Fishing net Others (specify).	re		[	,m] ,m] ,m] ,m] ,m]		
12. Containment measures po	ut in place;		•			
Booms	Trench	Dyke	□Natural o	depression	□Pit	None
Others:						
13. Any pictures or video co	verage?		W	[ N ]		
14. Further response/repair	initiated as at the ti	me of JIV?	[Y]	[W]		
If yes to item 14, give brief description	41:					
NOT APT	PLICAB	LE				
16 37 - 4		.0	f V1	OWY		

INCIE	ENT	no: <u>183</u>	8941	JIV re	port S/I	N:Nº 0000279
If yes to item 15 give br	ief descri	ption:				
1101	AF	PLIC	ABL	E		
D. TYPE/NUMBERS 16. Structures / Pro		OPERTIES,IF	ANY, FOUND	WITHIN THE	AREA OF	SPREAD OF OIL
S/N Type of Structu		Description	Size	Number		Comments
MONE	Mr	HIN	ARC	<del>a</del> 01		APACT
17. Crops/Econom  S/N Type of crops	C Trees Young		Medium	Matured	Quantity	Comments
1 BAMBOORE	5		I I		Ftw/	IMPALIFO
<del>-</del>						BY SPILLED
18. Fishing Nets/Fi	sh Ponds					
S/N Nets/Ponds		escription	+	Quantity/Size (	Comments	
1 Allonic	1	1540	1 A	F-11 (5	· (T)	7/10 n_c -
MONIX		<del>////////</del>	/ / /	XT U	<del>/</del> /	HA VI
19. Others (Specify	Aie An	imal Trans				
S/N Others		escription		Quantity/Size	Comment	s
Alanic		1600	12-12	fn os	- ( n	
1/1/V/V/V		<del>://////</del>	<del>//) /</del> }	-10T U)	- )/1	<i>##</i>
		·				
E. GRAPHIC DESCR the leak report, overview					leak point	should be contained in
ION OF IMUR	.15/ ER	- WIFLL	255 F	onlaint	AT UN	TUED OKWARA
linig position	1 DF	MISSIM	G FLOWL	IME.	_	
Open enilys)	5	ECTION (	of Missi Approx. 1	MG FLOW 4M LENG	LIME. TH)	
4")	7		/ <u></u> -			<u></u>
	<u> </u>			$\rightarrow$		Open full(A)
FROM	WE	12 25	s To	Flow	Sĩmĩ	10N.

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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)

		W45	<u> </u>
S/N	Northing	LATITUDE	Easting LONGITUDE
		4.98297	7.16775
_		4.98291	7. 1677 <i>6</i>
		4.98294	7.16778 7.16784
		4.98294	7.16784
	<del> </del>		
	_		
	<u> </u>		
	<u> </u>		1
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/	4		
	<u> </u>	<u> </u>	

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€.	INCIDENT	INFORMATI	ON

<b>a</b> .	Impacted	Area	Details
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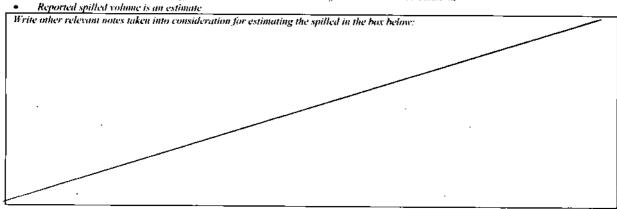
•	Total calculated area of impac	<u>.                                    </u>	0/4 Ha	
•	Impact within R.O.W	7	€5	
•	Impact outside R.O.W		ND	<del></del>
b. <u>Volume</u>	of oil recovered before com	pletion of JIV (V <sub>ree</sub>	.u): 	
	Re	covered oil V <sub>recJ</sub> :	MIL	Barrels
Controlled	recovery/evacuation from so	urce with no impact	to environment:	<del></del> ,

Barrels

c. Net Estimated Spilled VolumeV <sub>Est</sub> (bbls)* =	
1.19 BARRELS	
Estimated Reported Volume** V <sub>cep</sub> (bbls)= 2 BARRELS	

\*Notes:

Volume estimation was done using an excel based tool, (see attached for details on the calculation)



Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimation suftware on site; Conversion of m' to burrels 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 I bbl is rounded up to the next 0.1 bbl.

Examples: Calculated volume = 13,3 bbl ------- Reported volume = 16 bbl Calculated volume = 0,35 bbl ------- Reported volume = 0,4 bbl Calculated volume = 0,01 bbl ------- Reported volume = 0,1 bbl

Wherever this estimation tool is not applicable please refer to paragraph be (Deviations) of the HV procedure to use appropriate steps for volume estimation; record the calculation in a plain sheet of paper and attack to the HV report

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a.	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	nd JIT
ii.	Investigation of the incident site showed that there is residual impact on site requiring further works	Ø

#### 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]: 2
- 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

