INCIDENT NO: 1514020 JIV report S/N:

Nº 0000096

(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: 1514020 2. Type of incident* 01 FIDWLINE 3. Name of Location IMO RIVER 3 WEIL 4. Name of nearest community PU WEST 5. State: ABIA 6. LGA UKWA WEST 7. Type of Production facility/Installation OIL FLOW LINE PETROLEUM DEVELOPMENT COMPANY LIMITED / LAND I 9. Details of incident OCTOBER 2015 b. Start date/time of investigation: 30 TH OCTOBER, 2015 / 11:47 HOURS a. Date of incident: c. Investigation End date: 30TH OCTOBER Actual investigation duration, days: ONE (1) DAY d. Description of spill point environment 2015 Loose soil Recently excavated area ☐Firm soil □ Swampy Exposed pipe surface □Under water ☐Well Platform (on Water □ DrillRig Additional observations around the spill point: BUBBLES WERE OBSERVED AT THE POINT WHEN THE JOINT INVESTIGATION TEAM ARRIVED SITE, ADJACENT TO THE LEAK POINT WAS AN EXISTING CLAMP 26 PC PREVIOUSLY INSTALLED BY THE e. Description of leak point (tick as applicable); 🔲 Tear (Hack saw cut ☐ Drilled hole ☐ Well head tampering ☐ Inward dent. ☐Complete Rupture ☐ Missing Pipeline/Flowline Failed Clamp, Failed Weld-on illegal hot tap valve ☐ Saver-pit over flow ☐ Third party tampering with Clamp Crude oil theft (illegal bunkering) point, ☐ Third party tampering with flange, ☐ Third party tampering with valve setting ☐ Bulging Outward Cold vent ☐ Surge vessel overflow, Flare System/Bund wall failure ☐ Accidental 3rd party equipment impact ☐ Relief valve failure ☐ Valve Failure ☐Others(specify) f. Incident caused by: ☐ Third party interference (Sabotage☐; crude theft☐; Line theft☐; Accidental 3rd party damage☐) Others (including Mystery spills) ☐Operational

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

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		suring unit			Easting: (LONGURUSE)			
	4	.97898			7.2007			
ISI	K ASSESSMEN	IT				•••		
0.	Type of environr	ment:						
	Land	☐Swamp		Water	☐ Seasonal	swamp	Shoreline	/Waterfror
	i. Type of	environment to wh	nich oil	has spread:				
	Land	☐Swamp	1	□water	□River	(identify))	
	ii. Weather	r condition						
	□Rain	√Z Sunny	⊐Dгу	□Wet	□Windy	□Hot	□cool	
1.	Distance from the	e nearest sensitive	ha b itat					
	☐ Government☐ Drinking wa☐ Built up area	ond	gnated j	protected area	l [[[[[m, [m, [m, [m, [m,	MPACTED	by sf
2.	Containment mea	asures put in place;	i					
	Booms	□т₁	rench	□Dyke	√Z Natural de	pression	√ ZPit	□Non
	Others:							
3.	Any pictures or v	/ideo coverage?			[Y] /	[N]		
4.	Further response	e/repair initiated as	at the	time of JIV?	[Y]	[N]		
	tem 14, give brief d	lescription:						

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PERSON(S)

ASSET OWNER

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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 (LATITUDE)	Easting (LONGITUDE)
207	4.97894	7.2008
208	4.97895	7.20004
209	4.97902	7.20000
aio	4.97910	7.19999
211	4,97914	7. 20001
212	4.999	7.20007
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G. INCIDENT INFORMATION:
a. Impacted Area Details
Total calculated area of impact Impact within R.O.W Impact outside R.O.W TES
b. Volume of oil recovered before completion of JIV (Vrecs):
Recovered oil V _{recJ} : Barrels
Controlled recovery/evacuation from source with no impact to environment: Barrels Barrels
c. Net Estimated Spilled VolumeV _{Est} (bbls)* = 2
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 estimating the spilled in the bax helow: APPLICABLE
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimation software on site; Conversion of m ¹ 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 — I 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 Calculated volume = 0.01 bbl Reported volume = 0.1 bbl

Wherever this estimation tool is not applicable please refer to paragraph be (Deciations) of the AV procedure to use appropriate steps for volume estimation, record the eatsulation in a plain sheet of paper and attach to the AV report.

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d. 🔻	General	Status	of	the	site
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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
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]:
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

