JOINT INVESTIGATION REPORT FOR INCIDENT NO: $1342421$ JIV report S/N: $00844$	
(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: 124242   2. Type of incident* OIL SPILL	
3. Name of Location IMO RIVER WELL 59T FLOWLINE	
4. Name of nearest community   CHRIUKWU: 5. State: ABIA 6. LGA UKWA WEST	
7. Type of Production facility/Installation FLOWLINE 8. Asset owner/District NELT IMO RIVE	25
B. INCIDENT INFORMATION:	
9. Details of incident a. Date of incident: 20 TH FEBRUARY, 2015	
b. Start date/time of investigation: 25 TH FEBRUAC   2015	
c. Investigation End date: 25TH FEBRING ACRES livestigation duration, days: 0716 DAT.	
d. Description of spill point environment	
Firmed soil	
☐Under water ☐Swampy ☐Exposed pipe surface	
□Well Platform (on Water) □Drill Rig	
•	
Additional observations around the spill point: JIN TEAM OBSERVED THE ILLEGAL	
THEFT FITTING WAS INSTALLED ON A LOCAL CLAMP AND ATTACHE	
TO A DEILLED HOTE AT 120 CLOCK POSITION ON THE IMO RIVER WI	ä(
59T 6" FLOWLINE AT IGIRHKWY"	
e. Description of leak point (tick as applicable);	
Drilled hole	
Complete Rupture	
Failed Water illegal hot tap valve, DFailed Clamp Missing Pipeline/Flowline	
Crude oil theft (illegal bunkering) point,  □ Third party tampering with Clamp	
☐ Third party tampering with valve setting, ☐ Third party tampering with flange,	
□Corrosión □Saver-pit over flow, □Surge vessel overflow,	
Bulging Outward  □ Flare System/Bund wall failure □ Accidental 3 <sup>rd</sup> party equipment	
impact	
Relief valve failure Others (specify)	
f. Incident caused by:	
☐ Third party interference (Sabotage□; crude theft□; Line theft□; Accidental 3 <sup>rd</sup> party damage□)	
Operational Others (including Mystery spills)	

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

IT INVESTIG	ATION RE	PORT FOR IN	ICIDENT NO	1342	4 <u>21</u> JIV re	port S/N:	0084
g. Spill	point coord			MININA	Mio-Bi	÷45)	
1	Northing:	Meters			Eastings	elecs	
		10957	70.2L			6346	67
		10707	1		<u>ی</u> د	1	0 +
L							
C. RISK AS	SESSME	NT					
10.	Туре	of environment:					
<b>12</b> K	and	□Swamp	□Water	□se	asonal swamp	Shoreline/Wa	terfront
i.	Туре о	f environment to	which oil has	spread:			
	and	□Swamp	□Water	□Ri	ver (identify)		
ii.	Weathe	er condition					
□Ra 11. Dista		Sunny he nearest sensiti	Dory ive habitat	□Wet	□Windy	□Hot	□cool
0 1 0 1 0 1 0 1 0 1		Pond	esignated prote	ected area	[m, ] [m, ] [m, ] [m, ] [m, ]	NONE WITH VICI	•
12. Conta	ainment me	easures put in pla	ice;				
	Booms Others:	Trench	□Dyke	⊠Na	itural depression	□Pit	□None
13. Any	pictures or	video coverage?			N] <b>-</b> [Y]	] .	
14. Furt	ther respon	se/repair initiate	d as at the time	of JIV?	[Y] [N	<b>Y</b>	
If yes to item 14	4, give brief	description: 0	GPAIR.	WORK	PLAN	web	
			<u> </u>	<i>y</i> 3.3.4	1		·····
15. Was	there any d	lisruption to the	investigation?		[Y] [N	<b>√</b>	
If yes to item	15 give bri	ef description:					
			<u> </u>		01.5	•	
		ef description:	APD	L10	ABLE		

JOINT INVESTIGATION REPORT FOR INCIDENT NO: 1342421 JIV report S/N: 00844

### D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL

16. Structures / Properties

S/N Type of Structures	Description	Size	Number	Comments
NONE WIT	H-(N	ARCA	70	IMPACT
17. Crops/Economic Trees				

Crops/Economic Trees

S/N Type of crops	Young	Medium	Matured	Quantity	Comments
NAME	Tati THATA	A 7	CA	91 IN	Duck
11011	RAL HIELM	- ( 712	<del></del>	ψ <del>- 11</del> ×	PAC (
	<u> </u>				

18. Fish/Nets/Ponds

S/N	Fish/Nets/Ponds	Description		Quantity/Size	Comments	<u> </u>
1	TONE	MITHIN	1	CEA		MPACT
L	<u> </u>					

19. Others (Specify) i.e. Animal Traps

S/N Others	Description	Quantity/Size	Comments
V PHM TREE	MATURES	THOQ)	

E. GRAPHIC DESCRIPTION OF LEAK POINT (while detail report of the leak point should be contained in the leak report, overview sketch of the site should be added as an appendix 1)

SECTIONAL VIEW OF IMORNER WELL 59T 6" FLOWLINE AT IGIRIUKW SHOWING! - FAILED WEGGE CRUDE OIL THEFT POINT.

LEAK DUE TO I" BAIL VAIVE CRUSE

CIL ILLEGAL THEFT POINT INSTALLED

WITH LOCAL CLAMP ET 120 CLOCK

POSITION ON WELL 59T FLOWLINE.

FEDIALINE INFIL

WELL SAT FLOWLINE Page 3 of 8

6"FEDILIN

JOINT INVESTIGATION REPORT FOR INCIDENT NO: 1842421 JIV report S/N: 00844

# F: TABLE SHOWING SOME OF COORDINATES TAKEN DURING JIV FOR AREA CALCULATION 20. Impacted area boundary Coordinates (if morg. Print and attach as an appendix)

,	M	NHA MO-	BELT	men us un uppenuexy	
S/N	Northing Neter		Easting	Meter	
	109570	) 27	6	26343.5	9
	10956	4 · 10	5	26352-82	2_
	10956	1.02	5	26358·98	3
	10956	4.09	5	26362.06	• • • • • • • • • • • • • • • • • • •
	1095 6	4 · D9		26358.98	
	109570	- 23		26362 . 07	
	109579	· 47	5	26349 77	
				//	//
			1		
				-	
/					<del></del>
<del></del>	<del>·</del>				

	TION REPORT FOR INCID	DENT NO: 134-	2421 JIV report SA	N: 00844
	INFORMATION:			
20. Impacto	d Area Details			
•	Total calculated area of imp	•	018Ha	
•	Impact within SPDC R.O.W		TES	
21 - \$7-1	Impact outside SPDC R.O.V			
21. <u>vojum</u> e	of oil recovered before con	Recovered oil V <sub>recJ</sub> :	NIL	Barrels
22. <u>Net Es</u>	imated Spilled Volume V			
*Notes:	4.93 B	5 BARR		
<ul> <li>Reporte</li> </ul>	estimation was done using an excel be d spilled volume is an estimate		•	
Write other r	levant notes taken into consideration	- ,		1.0
	NOT	API	PLICAB	

- Any spill volume in less than -- 1 bbl -- is rounded up to the next 0.1 bbl.

Calculated volume = 15.3 bbl ----- Reported volume = 16 bbl Calculated volume = 0.35 bbl ----- Reported volume = 0.4 bbl Examples: Calculated volume = 0.01 bbl ----- Reported volume = 0.1 bbl.

Wherever this estimation tool is not applicable please refer to paragraph 6c (Deviotions) of the JIV procedure to use appropriate steps for column estimation; record the calculation in a plain sheet of paper and attach to the JIV report.

A.	Joint investigation of the incident site found that there is no residual impact after response and JIT therefore recommend that the site be closed out	the
В.	Investigation of the incident site showed that there is residual impact on site requires works	ing
	EPRESENTATIVES  port was filled, agreed and signed by the following joint investigation representatives:	
•	Host Community:	
•	Host Community:  Department of Petroleum Resources [DPR]:	
•	,	
•	Department of Petroleum Resources [DPR]:	
•	Department of Petroleum Resources [DPR]:	

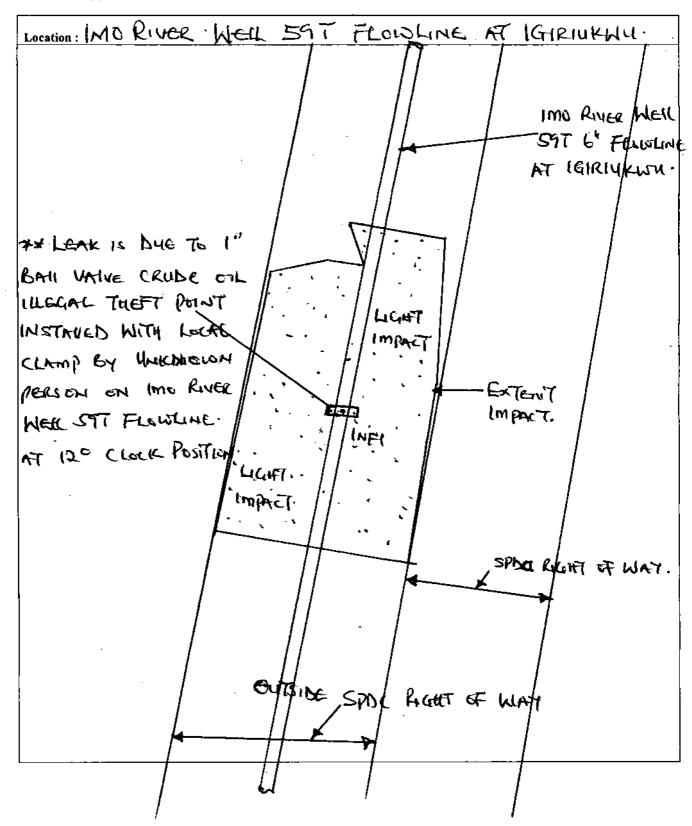
Signatories agree with reported findings:

Separate DPR form has been filled out with same findings  $\Box$ 

Tick as applicable

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25. Appendix 1: Overview sketch of the site



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