INCIDENT NO: 1881413 JIV report S/N:

Nº 0000299

	•	
(Note: As practicable as possible the JIT report i	s to be signed in the field by all t	he participating parties)
A. GENERAL INFORMATION:		
1. Spill incident Number: 1881413	2 Type of incident*	OIL SPILL
3. Name of Location 12" Mo Ru		D) DC 1 4 pl6
3. Name of Location 12 1710 KVC	DRZ- UGALE	PIPELIME
4. Name of nearest community	5. State: <u>ABIA</u> 6	. LGA UKWA-WEST
7. Type of Production facility/Installation 014	PIPELINI €	
8. Asset owner/District SPDC	/ PIPELING	
B. INCIDENT INFORMATION:		
9. Details of incident 27" June, 9	L017,	-
a. Date of incident: 27 0009 6. b. Start date/time of investigation: 3014	TUNE 2017/15:2	Opri
c. Investigation End date: 30 TH JUNES	Lol 7Actual investigation durat	tion, days; ONE (1) DAY
d. Description of spill point environment	- Co F // Locada III - Co as Santon Co as a	
	ose soil	Recently excavated area
		_
Under water Swa	• •	Exposed pipe surface
☐Well Platform (on Water ☐Dri	llRig	
Additional observations around the spill po THE SPILL POINT WAS TARRED ROAD. SAND BAC	DBSERVED WITHM IS WERE ALSO O	THE VICIMITY OF A BSERVED.
e. Description of leak point (tick as applicab	ole);	
Drilled hole	☐ Hack saw cut	☐ Tear (),
Complete Rupture	Inward dent,	☐ Well head tampering ☐ Missing Pipeline/Flowline
Failed Weld-on illegal hot tap valve	Failed Clamp, Saver-pit over flow	☐ Third party tampering with Clamp
☐ Crude oil theft (illegal bunkering) point ☐ Third party tampering with valve setting		☐ Third party tampering with flange,
☐ Flare System/Bund wall failure	Cold vent	Surge vessel overflow,
☐ Valve Failure	Relief valve failure	Accidental 3 rd party equipment impact
Others(specify)	_	
	_	
f. Incident caused by: ✓ Third party interference (Sabotage□:cr	ude theft ⊘ : Line theft□: Accide	ental 3 rd party damage□)
	ling Mystery spills)	
— * p = = = = = = * \ \ \ \ \ \ \ \ \ \ \ \ \	- · · · 	

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

INCIDENT NO: 1881413 JIV report S/N: Nº 1010299 g. Spill point coordinates M82904 h. Measuring unit Easting: Northing:-<u>-012617UDE</u> AT ITUBE C. RISK ASSESSMENT 10. Type of environment: Land ☐ Water ☐ Swamp Seasonal swamp ☐Shoreline/Waterfront Type of environment to which oil has spread: Land □ Swamp □Water ☐River (identify) Weather condition Rain □Wet □Hot □cool Sunny Dry □Windy 11. Distance from the nearest sensitive habitat Government reserved and designated protected area MIL.m] Drinking water source O Built up area □ Farmlands ☐ Fish Farm/Pond ☐ Fishing net POthers (specify). PALM TREES 12. Containment measures put in place; Dyke □Pit Trench □Natural depression ■None Booms Others: IN IN 13. Any pictures or video coverage? 14. Further response repair initiated as at the time of JIV? If yes to item 14, give brief description: OIL SPILL RECOVERY AND REPAIR ACTIVITIES ARE ON GOING.

[Y]

15. Was there any disruption to the investigation?

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If yes	s to item 15 give bri	et descri	ption:					
	NOT	A	PPLI	CABL	t			
	TYPE/NUMBERS	OE DDA	ADEDTIFE IF	ANV COUNT	WITHIN THE	ADEA OF SDDE	ZAD OF OU	
	16. Structures / Pro		JERTIES,IF	ANT, FOUND	WITHIN THE	AKEA OF SEKE	AD OF OIL	
S/N	Type of Structi	ıreş	Description	Size	Number	Comn	nents	
	BALL	1	11114	m I A	0.64	OF TIP	INA CI	
- 	MUMT	V	<u>(///////</u>	M M	KIN	01 110	4,.	
	7. Crops/Economi			,	·	1		
S/N	PALM TREES	Young 1		Medium	Matured	Quantity 8 Mos _	Comments Delta CTLA	
							BY SPILL	
							 	
	18. Fishing Nets/Fi	sh Ponds					·	
S/N	Nets/Ponds		escription		Quantity/Size (Comments		
\	10.10-	1 1	ALINI	A-12	FA (TEN	1005	
	JUNE	MI	117114	7) 9	UT U			
	 Others (Specify	r) i.e. An	nimal Traps					
S/N	Others		escription	.	Quantity/Size	Comments		
1	DAIC	١ .		40	C0 0		mr 1	
A	VNE	M	1#1M	715	CATU	- It	ppi U	
E. G	RAPHIC DESCR	IPTION	OF LEAK PO	DINT (while d	etail report of the	leak point shoul	d he contained in	
100	eak report, overviey	sketch e	of the site should UV +	l be added as a	n appendix 1) OGALE	PIPELINE	TIGIRE	lukv
IAZ/	4 SHOWIN	44	GRUDE	OIL TE	IEFT Poin	M AT 12	O'CLOCK P	05,11
			I' PIPE	ł	*	MIPPLE W	ITH	
		h	1154 /	LLM	J 13/	ALL WALVE	E .	
		TAI	WALL THE	CLAMP				
		Ch.	TALLED A UCK POSITI HKNUWIAN)	112 0' 112 0'	1 ,	"NIPPLE W	(TH	
	-		······································	EXTURK) [· · · · · · · · · · · · · · · · · · ·	BALL VAL	ve	
	\uparrow \checkmark							
	12" (\	ì			LU(A Frar	LLM CATED	ΛL_{ν}	
	'				en	AMIP	/) 12"	
	J, ∠			_ 		··-·		
			-		<u> </u>		v	
	Ŧ	RUN	n Imo	公 第3名	Z To	O GAL	e-	

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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)

	w w	<u>1584</u>
S/N	Northing LATITUDE	Easting LONZITUDE
573	4.94355	7.18483
574	4.94355	7.184.77
375	4 94351	7.18472
576	4-94352	7.18458
577	4.94362	7.18424
578	4 .94358	7-18423
579	4.94353	7.18425
580	4-94345	7.18432
581	4.94336	7-18436
582	4.94339	7.18439
583	4.94341	7.18444
584	4.94344	7+18451
282	4.94348	7-18454
586	4.94345	7.18471
587	4.94343	7-18476
588	4.94325	7.18474
58 9	4.94325	7-18483
590	4 94332	7-18442
591	4.94331	7-18444
592	4-94329	7.18442
593	4-94330	7-18440
594 595	4.94330	· 7-18H40
292	4.94325	7-18450
596	4.94329	7.18453
597	4-94331	7-18452

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G. INCIDENT INFORMATION:	
a. Impacted Area Details	
Total calculated area of impact Impact within R.O.W Total calculated area of impact	
Impact within R.O.W Impact outside R.O.W	_
b. Volume of oil recovered before completion of JIV (V _{rec.l}):	
Recovered oil V _{recj} : 120	Barrels
Controlled recovery/evacuation from source with no impact to environment:	
c. Net Estimated Spilled VolumeV _{Est} (bbls)* = 134.49 BARRELS	
Estimated Reported Volume** Vrep(bbls)= 135 BARRELS	
Notes: Volume estimation was done using an excel based tool, tsee 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 box below;	
The since recently into consideration for estimating the space in the total nearly;	
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimate Conversion of m ² to barrels is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the followin • Any spill volume in excess of = bbl = is rounded up to the next whole number.	tion software on site; og rules:
Any spill volume in less than 1 bbl — is rounded up to the next 0.1 bbl.	
Examples: Calculated volume = 15.3 bhl Reported volume = 16 bhl Calculated volume = 0.35 bbl Reported volume = 0.4 bhl	

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

Calculated volume = 0.01 hhl Reported volume = 0.1 hhl

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d	. Generai	L	Sta	tus	of	the	site

í.	Joint investigation of the incident site found that there is no residual impact after the initial response at 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	

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

 ✓

Tick as applicable

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f. Appendix 1: Overview sketch of the site

