INCIDENT NO: 3046696 JIV report S/N:0000994

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

OFFICE AL INFORMATION.		
GENERAL INFORMATION:	~ ^	M. 50.11
Fountain Incident Number: 30466		ent* OIL SPILL
Name of Location 12" (mo RIVER 1	- OGALE PIPELINE	-
Name of nearest community Union	LO 5. State: ABIA	S. LGA UKWA WEST
Production Facility/Installation O1L		
Anna Commention THE CHELL C	SETUNIEUM NEUELAUM	ENT COMPANY OF NIGERIA LIM
PIPEL	NE.	ENT COMPANY OF NIGERIA LIM
INCIDENT INFORMATION:		
Details of incident a. Date Reported: 14TH OCTOBER	2621	
b. Start date/time of Investigation: 1914	october 2021 1300HRS	
c. Investigation End date: 19TH OCC		site: LDAY.
d. Description of spill point environment	• • • • • • • • • • • • • • • • • • • •	
		Recently excavated area
		Exposed pipe surface
Under water	-15walliby	LI EXDOSEU DIDE SUITACE
		Sand bag(s)
Additional observations around the sp	Drill Rig	
Additional observations around the space. Description of leak point (tick as applementation) Smooth round-edge hole	Drill Rig bill point: PLICABLE icable); Rough-edge hole	□ Sand bag(s) □ Hack saw cut
Additional observations around the space. Description of leak point (tick as apple)	Drill Rig oill point: OPLICABLE icable);	Sand bag(s)
Additional observations around the space of the second control of leak point (tick as appled to smooth round-edge hole Complete Rupture Failed Weld-on illegal hot tap valve Crude oil theft (illegal bunkering)	Drill Rig Dill point: PLICABLE icable); Rough-edge hole Inward dent, Failed Clamp, point, Saver-pit over flow	□ Sand bag(s) □ Hack saw cut □ Well head tampering □ Missing Pipeline/Flowline □ Third party tampering with Clamp
Additional observations around the space of the second control of leak point (tick as appled smooth round-edge hole Complete Rupture Failed Weld-on illegal hot tap valve Crude oil theft (illegal bunkering) Third party tampering with valve	Drill Rig oill point: OPLICABLE icable); Rough-edge hole Inward dent, Failed Clamp, point, Saver-pit over flow setting Bulging Outward	□ Hack saw cut □ Well head tampering □ Missing Pipeline/Flowline □ Third party tampering with Clamp □ Third party tampering with flange,
Additional observations around the space of the second content of	Drill Rig Dill point: PLICABLE icable); Rough-edge hole Inward dent, Failed Clamp, point, Saver-pit over flow setting Bulging Outward Cold vent	□ Sand bag(s) □ Hack saw cut □ Well head tampering □ Missing Pipeline/Flowline □ Third party tampering with Clamp □ Third party tampering with flange, □ Surge vessel overflow,
Additional observations around the space of the second content of the space of the second content of the secon	Drill Rig oill point: OPLICABLE icable); Rough-edge hole Inward dent, Failed Clamp, point, Saver-pit over flow setting Bulging Outward	□ Hack saw cut □ Well head tampering □ Missing Pipeline/Flowline □ Third party tampering with Clamp □ Third party tampering with flange,
Additional observations around the space of the second content of	Drill Rig Dill point: PLICABLE icable); Rough-edge hole Inward dent, Failed Clamp, point, Saver-pit over flow setting Bulging Outward Cold vent	□ Sand bag(s) □ Hack saw cut □ Well head tampering □ Missing Pipeline/Flowline □ Third party tampering with Clamp □ Third party tampering with flange, □ Surge vessel overflow,

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If yes to item 14, give brief description: BY CLAMPING AND CRUDE OUL RECOVERY REPAIR

ACIWILLES ARE ONGOING.

14. Further response/repair initiated as at the time of JIV?

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INCIDE	NT N	10: <u>3</u> 04	16696	JIV re	port S	/N: (0000994
15. Was there any di	sruptio	on to the inves	stigation?	[Y]	[W]		
If yes to item 15 give brief	descrip	tion:					
No	T	APPI	LICAR	J.Le			
Reason(s): Delayed Communication Others (specify)	ınity Ad	ccess Approval	Security	y Challenges	☐ Acces	s constra	aint due to terrain
D. TYPE/NUMBER 17. Structures / Prop		PROPERTIES	, IF ANY, FO	UND WITHIN	THE ARE	EA OF S	SPREAD OF OIL
S/N Type of Structur	es	Description	Size	Number	difference of	Comm	ents
NONE	M	MHI	AREA	OF	IM	RAC	I
18. Crops/Economic							
S/N Type of crops	Young		Medium	Matured	Quantit	ty	Comments
3001	W	IHIN	ARE	A OF	Ţη	491	et
19. Fish/Nets/Ponds S/N Fish/Nets/Ponds	D	escription		Quantity/Size	Commen	te	
NONE	W	THIN	ARE	A O	= In	MPA	te
20. Others (Specify) 6 S/N Others		imal Traps escription		Quantity/Size	Comme		
S/IT Others	10	escription	• •	Quantity/Size	Comme	nts	_
NONE	4	MANN	TR	CA CO	= 71	Agn	a
E. GRAPHIC DESCRIPT in the leak report, overview - OGALE PIPELIT HOLE AT 12 0'C	sketch	of the site show	uld he added as	cannondir 1) A	CCAS		7 11 110 V
			SPILL POINT	SMOOTH &	METER		
12"						Jį.	2.4
	F	Rom Ima Ru	WERT TO	SLADO			

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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	Easting
١	4-945832	7.185025
2	4.945773	7.185059
3.	4.945718	7.185044
4'	4.945744	7.184958
5	4.945756	7.184949
6	4.945811	7.18 4939
7	4.945777	7-184922
8	4.946156	7.18 4934
9	4.946172	7.184947
10	4.946181	7.185
II	4-946077	7-185005
12	4.946998	7.185611
13	4.945943	7.184994
14	4.945949	7.18496
15	4-945897	7.18496
16.	4.945868	7.84966.

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Impacted Area Details *			
Total calculated area of impact	(Ha) 0.04	HA	9.5
Impact within SPDC R.O.W _	788		77.8
Impact within St BC R.O.W Impact outside SPDC R.O.W	237		
nd off to 2 decimal places if area is $\geq 100 \text{ m}^2$ or ress in Hectares (Ha)	to 4 decimal places if are	ea is < 100 m² (e.g. 14.5	55, 0.0051, 0.0009)
Volume of oil recovered before com	pletion of JIV (Vrec.	J):	
P	Recovered oil VrecJ:	4	Barrels
Controlled recovery/evacuation from so	urce with no impact	to environment:	
NIL	Barrels		
Net Estimated Spilled Volume V _{Es} mated Reported Volume** V _{rep} (bbls)=	7.9 8 BARREL	7 BARRELS	
imated Reported Volume** V _{rep} (bbls)=	7.9 8 BARREL	2	
imated Reported Volume** V _{rep} (bbls)= s: Volume estimation was done using an excel base	7.9 8 BARREL	2	
imated Reported Volume** V _{rep} (bbls)=	7.9 BARREL	S ils on the calculation)	
imated Reported Volume** V _{rep} (bbls)= s: Volume estimation was done using an excel base Reported spilled volume is an estimate	7.9 BARREL	S ils on the calculation)	
imated Reported Volume** V _{rep} (bbls)= s: Volume estimation was done using an excel base Reported spilled volume is an estimate	7.9 BARREL	S ils on the calculation)	
s: Volume estimation was done using an excel base Reported spilled volume is an estimate	7.9 BARREL	S ils on the calculation)	
s: Volume estimation was done using an excel base Reported spilled volume is an estimate	7.9 BARREL	S ils on the calculation)	
s: Volume estimation was done using an excel base Reported spilled volume is an estimate	7.9 BARREL	S ils on the calculation)	
imated Reported Volume** V _{rep} (bbls)= s: Volume estimation was done using an excel base Reported spilled volume is an estimate	7.9 BARREL	S ils on the calculation)	

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 Examples: 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 6c (Deviations) 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.

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d. General Status of the 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

9

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]:
- The Shell Petroleum Development Company [SPDC]:
- 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

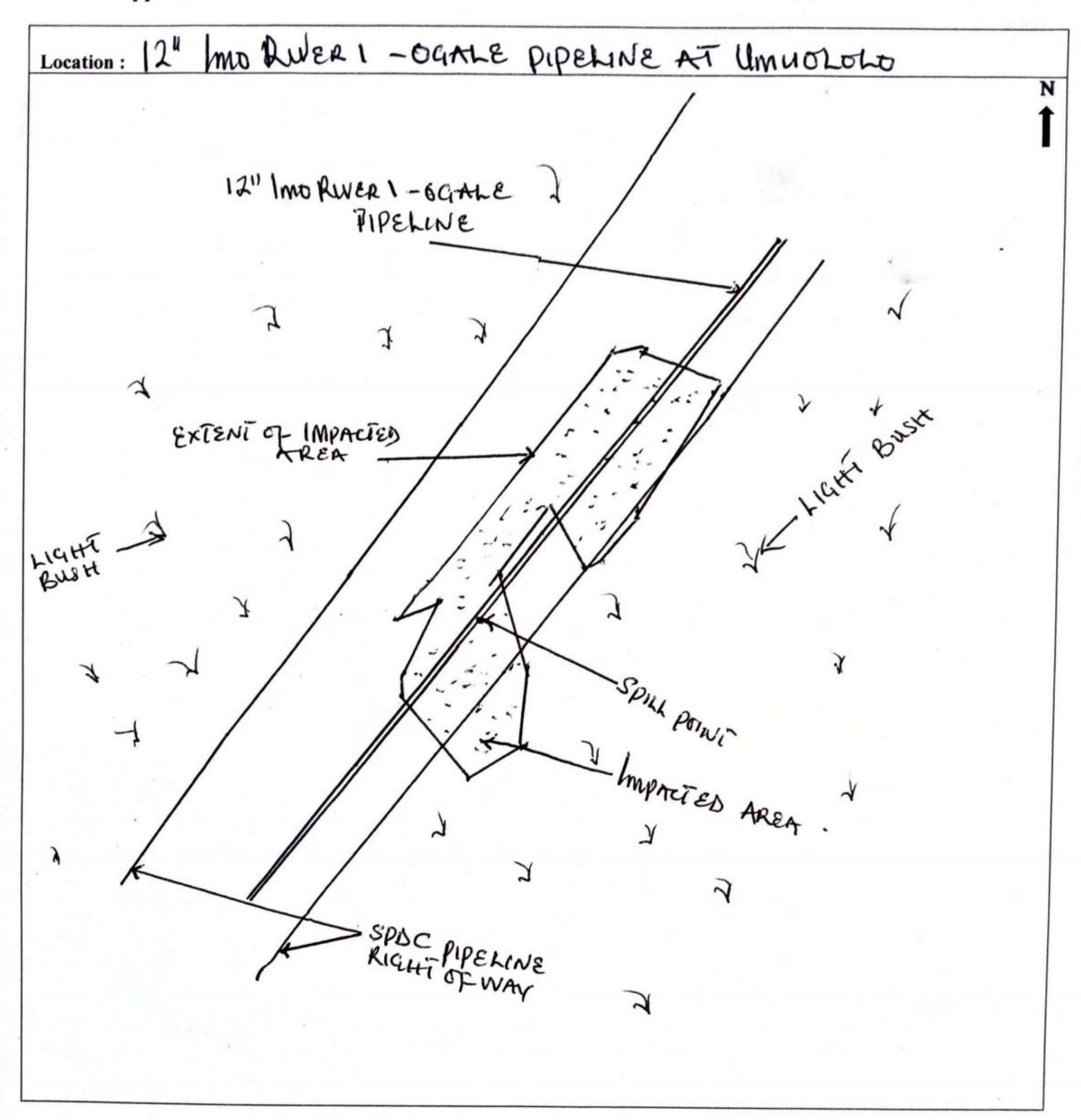
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f. Appendix 1: Overview sketch of the site



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