INCIDENT NO: 1475866 JIV report S/N:

(Note: As practicable as possible the JIT	report is to be signed in the field by al	the participating parties)
A. GENERAL INFORMATION:		
1. Spill incident Number: 14 7	5866 2.Type of incident	* OIL SPILL
3. Name of Location 8" AFAM	WELL 25 FL	OWLINE
4. Name of nearest community <u>ES88</u>	RU 5. State: RIVERS	6. LGA 08/9B0
7. Type of Production facility/Installation		
		ELOPMENT COMPANY OF
B. INCIDENT ENFORMATION:		NIGERIA (SP
e. Investigation End date: 4TH SEI	ND SEPTEMBER 2 TEMBER 2 Actual investigation dur	015" ation, days: <u>TW 0(2) D</u> A <i>YS</i>
d. Description of spill point environm	٠ خــــ	~
*	<u>. </u>	Recently excavated area
OUnder water OWell Platform (on Water	DSwampy I DrillRig	Exposed pipe surface
Additional observations around the WERE FOUND.	Spill point: ON EXCAVA	TION, DRILL BITS
e. Description of leak point (tick as a Drilled hole Complete Rupture Failed Weld-on illegal hot tap valve Crude oil theft (illegal bunkering Third party tampering with valve Flare System/Bund wall failure Valve Failure Others(specify)	Hack saw cut Inward dent, Failed Clamp, Saver-pit over flow	☐ Tear (), ☐ Well head tampering ☐ Missing Pipeline/Flowline ☐ Third party tampering with Clamp ☐ Third party tampering with flange, ☐ Surge vessel overflow, ☐ Accidental 3 rd party equipment impact
Third party interference (Sabotas	ge☑;crude theft□; Line theft□; Accid (including Mystery spills)	ental 3 rd party damage□)

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

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g. Spill point coordinates was 84 h. Measuring unit Eastings Northing: 3 CUTINA C -ATITUDE 4.82631 C. RISK ASSESSMENT 10. Type of environment: ☐Shoreline/Waterfront ☐Seasonal swamp 12 Land □Water ☐ Swamp Type of environment to which oil has spread: ☐ Water ☐River (identify) **Z**Land ☐ Swamp Weather condition Wet □cool ☐ Windy **□**Hot √**⊠**Rain DDry Sunny 11. Distance from the nearest sensitive habitat ☐ Government reserved and designated protected area {m, Drinking water source NOWE SEEN AROUND m] D Built up area THE AREA OF IMPACT, [m, lm, □ Farmlands □ Fish Farm/Pond AS AT THE TIME OF [m]U risning net JOINT INVESTIGATION [VISIT .m] 12. Containment measures put in place; Natural depression □Pit | ■None Dyke Trench ☐Booms Others: 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: REPAIR SOURCE OF SPILL STOPPED AND PLANNED. VX VVI 15. Was there any disruption to the investigation?

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If yes	to item 15 give br	rief descri	ption:	PL	1 C	ΑĮ	30	E	
	TYPE/NUMBERS 6. Structures / Pro		OPERTIES,IF	ANY, FOUNI	WITHIN THE	AREA O	F SPRE.	AD OF OIL	
S/N	Type of Struct	ures	Description	Size	Number		Comm	ents	
A	ONE	W	TH-11	TH	EARE	=A (OF/	MPACT	-
1	7. Crops/Econom	ic Trees							
S/N	Type of crops	Young		Medium	Matured	Quanti	ty	Comments	
	IONE	W/	HIN	THE	ARE	+ 0	F	MPACT	-
1	8. Fishing Nets/F	ish Ponds		l	.l				
S/N	Nets/Ponds	D	escription		Quantity/Size	Commen	ts		
A	PONE	X.	7#/N	THE.	AREA	OF	- //	MPACT	
	9. Others (Specif	y) i.e. An	imal Traps						
S/N	Others	D	escription		Quantity/Size	Comme	ats)
	ONE	W	THIN	7#€	AREA	0	F	MPACT	
E. G	RAPHIC DESCR	UPTION w sketch o	OF LEAK PO	OINT (while d i be added as a	letail report of the in appendix 1) A	leak poi	nt should TION	be contained in DF 84	AFAM
WE	LL 25 F	LOW	LINE	AT EG	BERU S	ROWI	NG	A SMM DA	スルレモり
								NN PERSO	_
٠									
				6mi	M DRILLE	ED F	OSIT	rion	•
		↑ 811	- 0	K				7	•

TO

FLOW STATION

WELL 25

MARA

INCIDENT NO: 1475866 JIV report S/N: Nº 0000054

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)

	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(1) 84 ·
S/N		Easting (LONGITUDE)
2.	4.82622 4.82609 4.82609	7.29076
3.	4.82609	7·29024 7·29097
4	4.82609	7.29097
		Y
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	6/ 12	
	17 00	
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ADDENDIV	A .		<u> </u>	
APPENDIX		DIMATES	_	
IMPACTED AREA COORDINATES				
INCIDENT NUMBER: 1475866 8"AFAM WELL 25 FLOWLINE AT EGBERU				
POINT	LATITUDE		<u> </u>	
2	4.82622	7.29076		
3	4.82609	7.29094		
4	4.82609	7.29097		
5	4.82616	7.29102		
6	4.82622	7.29151		
7	4.82631	7.29167		
8	4.8263	7.29189		
9	4.82632	7.29192		
10	4.82634	7.29206		
11	4.82638	7.29222		
12	4.82639	7.2924		
13	4.82634	7.29285		
14	4.82636	7.29286		
15	4.82635	7.29291	•	
16	4.82637	7.29292	_	
17	4.82641	7.2927		
18	4.82641	7.29243		
19	4.82642	7.29231		
20	4.8264	7.2921	-	
21	4.82643	7.29197		
22	4.82647	7.29194	-	
23	4.82663	7.29203		
24	4.82665	7.2919	·	
25	4.82666	7.29174		
26	4.82669	7.29161		
27	4.82667	7.2914		
28	4.82666	7.29123		
29	4.82665	7.29115		
30	4.82691	7.29118		
31	4.82711	7.29128		
32	4.82713	7.29127		
33	4.827	7.29119		
34	4.82657	7.29101		
35	4.82648	7.29092		
36	4.8264	7.29155		
37	4.82644	7.29157		
38	4.82652	7.29157		
39	4.82651	7.29132		

•

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_	DATE:		4 4 1 WI Jan 12 14 1	-
	HWF PF	H- 1	INFORMA	

 Impacted Area Deta
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- 0.66Ha Total calculated area of impact Impact within R.O.W Impact outside R.O.W
- Volume of oil recovered before completion of JIV (VrecJ):

Recovered oil V_{reci}: Barrels

Controlled recovery/evacuation from source with no impact to environment:

Barrels

11.27 BARRELS

Estimated Reported Volume** V

12 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 box below:

IMPACTED AREA MORE LIGHT IMPACT.

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' to barrels is Valume (m3) x 6.29; **Round up estimated volume to next whole number using the following rules:

- Any spill volume in excess of I 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 = 0.07 bbl ----- Reported volume = 0.1 bbl

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 JIV 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 therefore recommend that the site be closed out	and JIT
ii.	Investigation of the incident site showed that there is residual impact on site requiring further works	V

e. Representatives

This report was filled, agreed and signed by the following joint investigation team representatives:

- Department of Petroleum Resources [DPR]
- National Oil Spill Detection and Response Agency [NOSDRA]
- State Ministry of Environment [SME]: □
- Asset Owner X
- 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

