INCIDENT NO: 1484789 JIV report S/N:

Nº 0000066

(Note: As practicable as possible the JIT	report is to be signed in the field by all t	the participating parties)
A. GENERAL INFORMATION:		
I. Spill incident Number: 1484	789 2.Type of incident*	OPL SPILL
3. Name of Location OBIGBO NO	DETH WELL 28L WELL	- HEAD
4. Name of nearest community 1Me4	5. State: RIVER 6	LIGA ETCHE
7. Type of Production facility/Installation		
8. Asset owner/District THE SHELL	PETROLEUM DEVELOPM	ENT COMPANY OF NIGERIA
Hmites.  B. INCIDENT INFORMATION:		
9. Details of incident  a. Date of incident: 13Th SEPTEM	10 00 00 E	
a. Date of incident: 13 SCY EN  b. Start date/time of investigation: 14		
	PTEMBER 25/Actual investigation dural	sion down AAK NAT
d. Description of spill point environn	· <del></del>	aross, days. O Por 15 N
d. Description of span point caratage	gent.	
	[The	Im
O Firm soil	<u> </u>	Recently excevated area
DFirm soil: DUnder water: LAND Well-Platform (on: Water		Recently excitvated area  Exposed pipe surface
Under water:  Well Platform (on: Water	Swampy Decidency	_ i
Under water:  Well Platform (on Water  Additional observations around the	Swampy Desidence Spill point:	Exposed pipe surface
DUnder water:  Wedl Platform (on Water  Additional observations around the MISSING BOITS AND	Swampy Decidency	Exposed pipe surface
Under water:  Well Platform (on Water  Additional observations around the	Swampy Desidence Spill point:	Exposed pipe surface
DUnder water:  Wedl Platform (on Water  Additional observations around the MISSING BOITS AND	Swampy Desidence Spill point:	Exposed pipe surface
DUnder water:  Well Platform (on: Wester)  Additional observations around the MISSING BOITS AND SURVEY VAIVES.  E. Description of leak point (tick as a	Diswampy Diswampy Spill point: Nut: Were Observe:  Applicable);	DON THE MASTER
Dunder water:  Well Platform (on Water)  Additional observations around the MISSING BOITS AND SURVEY VALVES.  e. Description of leak point (tick as a Dibrilled hole	Desidering  Spill point:  NUTS WERE OBSERVE  Applicable);	DON THE MASTER  Tear (),
Dunder water:  Well Platform (on: Wester)  Additional observations around the MISSING BOITS AND SURVEY VALVES  E. Description of leak point (tick as a Drilled hole Complete Rupture	Desidency  Spill point:  NuTs Were Observed  applicable);  Hack saw cut  I Inward dent,	DON THE MASTER  Tear (), Well head tampering
DUnder water:  Well Platform (on Water)  Additional observations around the MISSING BOITS AND SURVEY UNIVES  e. Description of leak point (tick as a Dirilled hole Complete Rupture Desided Weld-on illegal hot tap valve	Deidleig  spill point:  NuT: Were Observe:  applicable);  Hack saw cut  Inward dent,  Failed Clamp,	DON THE MASTER  Tear (), Well head tampering Missing Pipeline/Flowline
Dunder water:  Well Platform (on Wester)  Additional observations around the MISSING BOITS AND SURVEY VAIVES  e. Description of leak point (tick as a Drilled hole Complete Rupture Pailed Weld-on illegal hot tap valve Crude oil theft (illegal bunkering)	Swampy  Dirithrig  spill point:  NUT: WERE OBSERVE  applicable);  Hack saw cut  Inward dent,  Failed Clamp,  Saver-pit over flow	DON THE MASTER  Tear (), Well head tampering Missing Pipeline/Flowline Third party tampering with Clamp
DUnder water:  Well Platform (on Water)  Additional observations around the MISSING BOITS AND SURVEY UNIVES:  e. Description of leak point (tick as a Dibrilled hole Complete Rupture Failed Weld-on illegal hot tap valve Crude oil theft (illegal bunkering Third party tampering with valve)	Swampy  Deithrig  spill point:  NUT: WERE OBSERVE  applicable);  Hack saw cut  Inward dent,  Failed Clamp,  Saver-pit over flow e setting  Bulging Outward	DON THE MASTER  Tear (
Dunder water:  Well Platform (on Works:  Additional observations around the MISSING BOITS AND SURVEY VAIVES:  E. Description of leak point (tick as a Dorilled 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	Swampy  Desidering  spill point:  Nut: Weke Observe  applicable);  Hack saw cut  Inward dent,  Failed Clamp,  g) point,  e setting  Bulging Outward  Cold vent	Tear (),  Well head tampering  Missing Pipeline/Flowline  Third party tampering with Clamp  Third party tampering with flange,  Surge vessel overflow,
Dunder water:  Well Platform (on: Wells:  Additional observations around the MISSING BOITS AND SURVEY VAIVES  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	Swampy  Deidlikig  spill point:  NuTs Weke OBSERVE  applicable);  Hack saw cut  Inward dent,  Failed Clamp,  Saver-pit over flow  e setting  Bulging Outward  Cold vent  Relief valve failure	Tear (),  Well head tampering  Missing Pipeline/Flowline  Third party tampering with Clamp  Third party tampering with flange,  Surge vessel overflow,  Accidental 3 <sup>rd</sup> party equipment impact
Dunder water  Well Platform (on Works  Additional observations around the  MISSING BOITS AND  SURVEY VAIVES  E. Description of leak point (tick as a  Drilled boke  Complete Rupture  Failed Weld-on illegal bot tap valve  Crude oil theft (illegal bunkering  Third party tampering with valve  Flare System/Bund wall failure  Valve Failure	Swampy  Desidering  spill point:  Nut: Were Observe:  pplicable);  Hack saw cut  Inward dent,  Failed Clamp,  g) point,  e setting  Bulging Outward  Cold vent  Relief valve failure  CASING HEND	DON THE MASTER  Tear (
Additional observations around the MISSING BOITS AND SURVEY VAIVES  E. Description of leak point (tick as a Dorilled hole Complete Rupture Failed Weld-on illegal hot tap valve Third party tampering with valve Flare System/Bund wall failure Valve Failure  Others(specify) CHRIST MANN BY	Swampy  District  Spill point:  NuT: Were Observe  Applicable);  Hack saw cut  Inward dent,  Failed Clamp,  Saver-pit over flow  Bulging Outward  Cold vent  Relief valve failure  AS TREE CASING HENT  UNKNOWN PERSON	Tear (
Additional observations around the MISSING BOITS AND SURVEY VAIVES  E. Description of leak point (tick as a Dibrilled hole Complete Rupture Failed Weld-on illegal hot tap valve Third party tampering with valve Flare System/Bund wall failure Valve Failure  Others(specify) CHRISTM  Incident caused by:  Third party interference (Sabota	Swampy  Desidering  spill point:  Nut: Were Observe:  pplicable);  Hack saw cut  Inward dent,  Failed Clamp,  g) point,  e setting  Bulging Outward  Cold vent  Relief valve failure  CASING HEND	Tear (

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

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g. Spill point coordinates		
h. Measuring unit	as 84	
No. 45 in a c	Easting:	
LATITUDE)	LANC	u u DE)
4.92204	7.068	TUDE)
	<u>-</u>	
C. RISK ASSESSMENT		
10. Type of environment:		
	_	_
☑Land ☐Swamp ☐Water	Seasonal swamp	Shoreline/Waterfront
i. Type of environment to which oil has spread:		
	_	
☐Land ☐Swamp ☐Water	River (identify)	<del> </del>
ii. Weather condition		
□Rain □Sunny □Dry □Wet	□Windy SHot	Dcool
·		LICOO!
11. Distance from the nearest sensitive habitat		
☐ Government reserved and designated protected are	a [ ,m) ki	ME SEEN
Drinking water source	[ , , , , , , , , , , , , , , , , , , ,	
Built up area     Farmlands	[ ,m]	LITHIN
☐ Farmlands ☐ Fish Farm/Pond	[ ,m]	
☐ Fishing net	// [m, ]	anity.
Others (specify).		,
12. Containment measures put in place;		
□Booms □Trench □Dyke	Natural depression	Pit None
Others:		
<del></del>	[V] / f2/1	
13. Any pictures or video coverage?	[Y] [N]	
14. Further response/repair initiated as at the time of JIV?	[Y] [N]	
If yes to item 14, give brief description:		
NOT APPLIC	ARIF	
15. Was there any disruption to the investigation?	[Y] [N <b>/</b>	

	INCIE	DENT I	NO: <u>148</u>	<del>4</del> 789	JIV re	eport S/	n:N∘	000006	6
If yes	to item 15 give br	ief descri <sub>l</sub>	ption:					_	
		N		1 QG-A	TCAR	1			
<del> </del>		1 1		/ \L1 F	10/12	<u> </u>			
	TYPE/NUMBERS  16. Structures / Pro		OPERTIES,IF	ANY, FOUN	D WITHIN THE	E AREA OF	SPREAD	OF OIL	
S/N	Type of Structi	ures	Description	Size	Number		Comment	s	]
	JONE	N	11111	A	REA	Ø-	IMF	AC	
<u> </u> 1	7. Crops/Econom	ic Trees		<u> </u>			•		]
S/N	Type of crops	Young		Medium	Matured	Quantity	y C	omments	]
	ONE	WI.	HIN	A	CA	OF	IMP	ACT	
					<u>.</u>				]
1	8. Fishing Nets/Fi	ish Ponds							
S/N	Nets/Ponds	D	escription		Quantity/Size	Comments	•		] [
	ONE	Ki	THIN	AR	CA	<del>of</del>	MF	ACT	-
1	9. Others (Specify	y) i.e. An	imal Traps	•				•	_
S/N	Others		escription		Quantity/Size	Comment	ts		] .
	IENE	WI	THIN	AF	CA (	J I	MPA	CT.	
F C	DARING DESCR	POTION	OF LEAK DO	NINTE 6 AU.	*	to tout a dea			]
the le	RAPHIC DESCR ak report, overviev	v sketch o	or LEAK PO f the site should	IN1 (white a l be added as a	tetau report of ti un appendix 1)	не неак ронн	snoud be	e containea in	
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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)	<u> </u>
51	4.92204	7,06863	
	4.92211	7.08844	
2	4.92199	7. ACO 2.0	
3	4.92198	7·06873 7·06860	
4	4.92203	7.06857	
5	4.92210	7.06860	
	- 7 1220	7.06860	
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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  NO	-	
b. Volume of oil recovered before completion of JIV (V <sub>recJ</sub> ):    Recovered oil V <sub>recJ</sub> :   NIII	Barre	·[e
Controlled recovery/evacuation from source with no impact to environment:    NIL   Barrels		
c. Net Estimated Spilled VolumeV <sub>Est</sub> (bbls)* =		
2.29 BARRES		
Estimated Reported Volume** V <sub>rep</sub> (bbls)= 3 BARRE(s		
*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:		
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimated. Conversion of m <sup>3</sup> to harrels is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following and spill volume in excess of 1 bbl is rounded up to the next whole number.	on softwa g rules:	are on site;
Any spill volume in less than = 1 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		

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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 in therefore recommend that the site be closed out	itial response and JIT
ii. Investigation of the incident site showed that there is residual impact on site requiring f	urther works
e. Representatives	
This report was filled, agreed and signed by the following joint investigation team repr	'esentatives:
Host Community:	
Department of Petroleum Resources [DPR]:	
<ul> <li>National Oil Spill Detection and Response Agency [NOSDRA]: TSY</li> </ul>	
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

