INCIDENT NO: 1469818 JIV report S/N: Nº 0000009

Note: As practicable as possible the JIT report is to be signed in the field by all the participating parties)
A. GENERAL INFORMATION:
. Spill incident Number: 1469818 2. Type of incident* OIL SPILL
Name of Location DESTRUCTION OF GEEPEE TANKS AT OBEDUM EVACUATION POINT.
. Name of nearest community OBETOUM 5. State: RIVERS 6. LGA ABUA ODUAL
Type of Production facility/Installation CONTAINMENT FACILITY (GEORGE TANKS)
Asset owner/District THE SHELL PRETROLEUM DEVELOPMENT COMPANY OF NIG LITD.
B. INCIDENT INFORMATION:
a. Date of incident: 22ND AUGUST 26TS
b. Start date/time of investigation: 26 TH Au Gust, 2015
c. Investigation End date: 26TH AUGUST 2015 Actual investigation duration, days: ONE DAT
d. Description of spill point environment
☐Under water ☐Swampy ☐Exposed pipe surface
□Well Platform (on Water □DrillRig
Additional observations around the spill point: THE JOINT INVESTIGATING TEAM OBSERVED
A TOTAL NUMBER OF SIX (6) GEEPEE TANKS AUNCTURED WITH
The state of the s
KNIFE CUTS WHILE THE CAP OF THE SEVENTH TANK WAS TAMPPED
e. Description of leak point (tick as applicable);
□ Drilled hole □ Hack saw cut □ Tear ().
☐Complete Rupture ☐ Inward dent, ☐ Well head tampering
Failed Weld-on illegal hot tap valve
☐Crude oil theft (illegal bunkering) point, ☐ Saver-pit over flow ☐ Third party tampering with Clamp
☐ Third party tampering with valve setting ☐ Bulging Outward ☐ 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
Dothers(specify) PUNETURES WITH KNIFE CUTS) AND CAP DRAIN TAMPERING
f. Incident caused by:
☐ Third party interference (Sabotage S; crude theft □; Line theft □; Accidental 3 rd party damage □)
□Operational □Others (including Mystery spills)

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

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g. Sp	oill point coordinat	es				
h. M	easuring unit					
	Northing:			Easting:		
	Ne	T A	PPLICA	1-BLE		
	K ASSESSMENT					
10.	Type of environm	ent:				
	Land	□Swamp	□Water	☐Seasonal swamp	☐Shoreline/	Waterfront
	i. Type of o	environment to wh	ich oil has spread:			
	Land	□Swamp	□Water	River (identify)	l <u>.</u>	_
	ii. Weather	condition				
	Rain	□Sunny [□Dry ■Wet	□Windy □Hot	Cool	
11.	Distance from the	•				
	☐ Government: ☐ Drinking wat ☐ Built up area ☐ Farmlands ☐ Fish Farm/Pc ☐ Fishing net ☐ Others (speci	er source	gnated protected area	[,m] [,m] [,m] [,m] [,m] [,m]	ez enon Hittild Fragmi	EN S AREA
12.	Containment mea	sures put in place;		•		
	Booms	Птı	rench Dyke	☐Natural depression	□Pit	□None
	Others:			•		
13.	Any pictures or v	ideo coverage?		[N] \[N]		
14.	Further response	c/repair initiated as	s at the time of JIV?	[Y] / [N]		
THE	-	y Team		move in To	RECOVER	ed and
•	ACUATE			[Y] [N]		
. 15.	Was there any di	sruption to the inv	esugation?	[Y] [N]		

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	s to item 15 give b	orief descri	iption: 	00					
	17	<u> </u>	1	PPIL	CAE	SLE.			
D. 7	TYPE/NUMBER	S OF PRO	OPERTIES,IF	ANY, FOUN	D WITHIN T	HE AREA O	F SPREA	AD OF OIL	
S/N	6. Structures / Pr	roperties		<u> </u>					
3/14	Type or Struc	1 	Description	Size	Number	·	Comme	ents	
	<u> </u>	4 	 	KEN-	OF-	IMP	())) 		
	7. Crops/Econom	nic Trees							
S/N	Type of crops	Young		Medium	Matured	Quanti	ty	Comments	
Z	N X IC	\	THEAL	X 0		~ 7	MO		
	10111	INI	<u> </u>		 	100	ולוא	+01	
1	8. Fishing Nets/I	Fish Ponds	· <u>-</u>			<u> </u>		· · ·	l
S/N	Nets/Ponds		escription		Quantity/Size	е Соттеп	ts		
	A61C		THEN	_ \	<u> </u>		Mo	<u></u>	
	CIAL	741	HIGH		11	CI	11-11	H	
	9. Others (Specif								
S/N	Others	D	escription		Quantity/Siz	е Сотпе	nts		
$\vdash \vdash$	DNE	M	THEN	A	RCA	OF-	TM	PACT	
E. G	RAPHIC DESCI	RIPTION	OF LEAK PO	UNT (vhile i	latail raport of	the look poi	u ebould	he contained in	
the le	ak report, overvie	w sketch o	of the site should	l be added as a	ın appendix 1)				
AVIO	i YIEW	OF D	<u>esTRUCT</u>	TO HOI	<u>Geeree</u>	TANKS	<u> </u>	BEDYM EV	ACU
	POINT &	TOB	e Dum.	<u>Sttowin</u>	G Pune	<u>Claque</u>	MITH	KNIFE O	Ts.
	spill is	Due	To Punc	Turei) 1	MITH KN	ITE CU	Ts O	N EACH ?	FT
	Six (6)) Geep	ee Tank	s	- use	A FOR	CRUI	שנ שנ	
	CONT	_				L.E.Bo	K	IFFERENT	FNE
•	CONT	ישוייו אן זאי	1		· 1	1211-14-61	- 1	u Leveld I	
			74						
	•			ſ			Ge	EPEE TAN	K
							•		

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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)

	V	145 84.
S/N	Northing (LATITUDE)	Easting (LONGITUDE)
1 -	4.90312	6.43949
Σ,	4 . 90335	6.43961
3-	4.90357	6.43961
4.	4.90389	6. 43945
ζ,	4.90432	6.43959
6.	. 4.90483	6.44001
7.	4.90489	6.44003
8.	4.90479	6.44013
9	4.90479	6.44003
(0	4.90428	6. 43964
۱,۱	4.90390	6. 43955
12	4.90361	6-43967
13	4.90346	6.43968
14	4.90325	6.43964
15	4.90309	6.43953
		
•		
		•

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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 Test Barrels Barrels
Controlled recovery/evacuation from source with no impact to environment:
NIL Barrels
c. Net Estimated Spilled VolumeV _{Est} (bbls)* =
14.85 BARREIS
stimated Reported Volume** Vreg(bbls)= 5 BARRERS
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:
* RECOVERY WAS QUICKLY WITIALED, MOST OF THE
OIL WAS RECOVERED FROM THE ENVIRONMENT AND
EVACUATION.
* CHANNELS WERE DRUBGRATELY CREATED TO ATD OIL SPREAD OR 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 m³ to barrels is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following rules:

Any spill volume in excess of -1 bbl - is rounded up to the next whole number.

volume estimation; record the calculation in a plain sheet of paper and attach to the AU report.

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

Wherever this estimation tool is not applicable please refer to paragraph 6c (Deviations) of the MV procedure to use appropriate steps for

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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
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:
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

