INCIDENT NO: 173 66 55 JIV report S/N: Nº 00037

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

A. GENERAL INFORMATION:			
1. Spill incident Number: 173 66 55	2.Type of incident*_	OIL SPILL	
3. Name of Location 6" KANBO WELL	5-75 AND 9	T FLOWLINES	
4. Name of nearest community AGBIDIAMA			•
7. Type of Production facility/Installation FLOUI	1NES		
8. Asset owner/District THE SHELL PET	ROLEUM DEVEL	OPMENT COMPANY O	F
B. INCIDENT INFORMATION: NIGERIA	LIMITED /SWA	mp West	
9. Details of incident a. Date of incident: 17TH OCTOBER, 2 b. Start date/time of investigation: 26TH OCTOBER, 2 c. Investigation End date: 26TH OCTOBER, 2	OBER, 2016 A	F 1325HRS ion, days: ONE DAY	•
d. Description of spill point environment Description Description	sii 🗆	Recently excavated area	
		•	
☐ Well Platform (on Water ☐ DriffRig	in the second se	Exposed pipe surface	
☐ Well Platform (on Water ☐ DriffRig			_
Additional observations around the spill point: 6" KANBO WELLS - 75 AND 9T WITH HACK-SAW AND A 6" VARITACHED AT ONE OF THE TWO WAS ILLEGALLY ATTACHED TO K	FLOWLINES WERE LIVE WITH PLEXIL	COMPLETELY OUT THRO BLE HOSE WAS ILLEGAL	suGH Lly
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	Failed Clamp,	☐ Missing Pipeline/Flowline	1
Crude oil theft (illegal bunkering) point,	Saver-pit over flow	Third party tampering with C	
Third party tampering with valve setting	Bulging Outward	Third party tampering with fla	ange,
Flare System/Bund wall failure	☐ Cold vent☐ Relief valve failure	☐ Surge vessel overflow, ☐ Accidental 3 rd party equipmen	t impact
☐ Valve Failure	Relief valve failure	Accidental 3 party equipment	i impaci
Others(specify)			
f. Incident caused by:			
☐ Third party interference (Sabotage☐;crude t		ental 3 [™] 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,

INCIDENT NO: 173 66 55	JIV report S/N: Nº 0000375
g. Spill point coordinates (THEFT POINT WGS h. Measuring unit WGS	
SPI = 04.88127	005.65106
SP2= 04.88124	005:65104
C. RISK ASSESSMENT 10. Type of environment:	<u> </u>
☐Land ☑Swamp ☐Water	☐ Seasonal swamp ☐ Shoreline/Waterfront
i. Type of environment to which oil has spread: Land Swamp (TIDAL) Water	River (identify)
ii. Weather condition ☑Rain ☐Sunny ☐Dry ☑Wet	□Windy □Hot □cool
 Distance from the nearest sensitive habitat Government reserved and designated protected are: Drinking water source Built up area Farmlands Fish Farm/Pond Fishing net Others (specify). 	THE VICINITY [,m] [,m] [,m] [,m] [,m] [,m]
12. Containment measures put in place; Booms □ Trench □ Dyke	□Natural depression □Pit □None
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: OT APPI	LICABLE
15. Was there any disruption to the investigation?	[Y] N

If ye	s to item 15 give br		_	_	_	•	º 0000375
			10	11 TY	PLICAR	olt.	
					. ,		
	TYPE/NUMBERS		ROPERTIES,IF	ANY, FOUNI	WITHIN THE	AREA OF SPRE	AD OF OIL
S/N	Type of Structi		Description	Size	Number	Comm	ents
	1 1 1 1 1		1 1	1:1	4		10.
	HUUNE		WHI	M 4	 	- () - ()	IFAC
						<u> </u>)
S/N	17. Crops/Econom Type of crops	Youn		Medium	Matured	Quantity	Comments
-	MANGROVES	1 Qui	FEN	<u> </u>	FEW	Lot	OIL STAWED
•							
					 	 	
		I		ı	1	·	<u></u>
	18. Fishing Nets/F			1	O44 101 T	C	
S/N	Nets/Ponds		Description		Quantity/Size	Comments	
	LIONE	_	LAITH	111	-05-A	DE IM	2A-CT
	1901.40		MILL	(14 7)	1/C 7 1	VI (IIII	71-01
	19. Others (Specify	y) i.e. A	Animal Traps				
S/N	Others		Description		Quantity/Size	Comments	
	1 1 1 1 1 1		1 1177	Δ. 1 Λ	1 - 1-	000	1000
	HUUNT		W1114	(N M	KUT	Ur (M)	// C /
F C	RAPHIC DESCR	IDTIO	N OF LEAK DO	NINT (while a	latail usmant of th	lank paint shoul	d be contained in
the lo	eak report, overviev	v sketch	of the site should	t be added as a	an appendix 1)	e teak point snout	a pe comamea m
	eak report, overview						AGBIDIAMA
SHO	mine, bost	MOIT	1, OF HACK				
			.	ILLEGAN	lly attach		
MLY	ATTACHED	()	1	6" VA	LYE	KANBO	WELL-4s
	HOSE -	>		1/		FLOR	JLINE
	• • • • • • • • • • • • • • • • • • • •		14/1/17	√ ¶₽——		<u>\</u>	
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			als .	ہم سکر	21.		FROM WELL:
	ATTACHED G			>/S	STIM- NW	LVE VDLE	
TO	KANBO WELL	-41	<i></i>		-1 ***	ADLE	
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	Parition of	~ WT	-X)				<u> </u>
	POSITION OF	F.— CUT	/)	Page 3 of	8	Kanbo	MELL-9T

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F: TABLE SHOWING SOME OF COORDINATES TAKEN DURING JIV FOR AREA CALCULATION

20. Impacted area boundary Coordinates (If more Prim and attach as an appendix)

		43 74
S/N	Northing	Easting
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INC.NO:1736655

LIST OFCOORDINATES OF IMPACTED AREA OF 6" KANBO WELLS 7S AND 9T FLOWLINES SPILL AGBIDIAMA WGS 84

		VVG3 64	
PTS		EASTINGS	NORTHINGS
	571	5.65106	4.88127
	572	5.65104	4.88124
	5710	5.650142	4.881612
	573		
		5.65179	
			4.881119
	5780		4.881119
	5800		4.880862
	5810	5.65329	
	582		4.88001
	583		4.87965
			4.87941
	585		4.87859
	586		
		5.651155	
		5.651298	
			4.879584
	5820	5.652554	
	581	5.65307	
	580	5.65297	
	579		4.88063
	578		4.88067
	577		
	576	5.65195	4.88082
		5.65165	
	5712	5.650941	4.881012
	5711	5.649992	4.881233
	586	5.6514	4.87809
	587	5.65064	4.87719
	5872	5.650684	4.876558
	5880	5.651662	4.875922
	5890	5.651876	4.874709
	5900	5.652376	4.874495
	5910	5.653211	4.874202
	591	5.65309	4.87409
	590	5.6523	4.87433
	589	5.65172	
	588	5.65139	4.87581
	5871	5.650327	
	5870	5.650342	4.8772
	5860	5.651155	4.878242
	5721	5.651162	4.881319
			4.881405
			4.881233
			4.881219
	3124	J.UJ112/	4.001213

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G. INCIDENT INFORMATION:		•
a. Impacted Area Details OIL ON WA Total calculated area of impact OIL SHEEN	TER = 2.91 ON WATER=	HA 74
Total calculated area of impact Impact within R.O.W Tels Total calculated area of impact Total		
• Impact outside R.O.W \\ \tag{ES}	·	_
b. Volume of oil recovered before completion of JIV (Vrec.):	•	
Recovered oil V _{recJ} :	NIL	Barrels
Controlled recovery/evacuation from source with no impact to e	environment:	>
c. Net Estimated Spilled VolumeV _{Est} (bbls)* =		
Estimated Reported Volume** V _{rep} (bbls)= 182 BBLS	48 BBLS	
Notes: Volume estimation was done using an excel based tool (see attached for details on Reported spilled volume is an estimate Write other relevant notes taken into consideration for estimating the spilled in the box ALOT APPLICABLE	below:	·

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.
- 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 = 0.01 bbl ----- Reported volume = 0.1 bbl

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

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	ď.	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
ű.	Investigation of the incident site showed that there is residual impact on site requiring further works	10

e. Representatives

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

