INCIDENT NO: 1529155 JIV report S/N:

Nº 0000106

(Note: As practicable as possible the JIT report is	to be signed in the field by all i	the participating parties)
A. GENERAL INFORMATION:		
1. Spill incident Number: <u>1529155</u>	2.Type of incident*	OIL SPILL
3. Name of Location <u>28" NKPOK</u>	<u>u - Bomu</u>	PIPELINE
4. Name of nearest community B-DERE	5. State: RIVERS	s. lga <b>GOKANA</b>
7. Type of Production facility/Installation 011		
R Asset owner/District THE CHET	PETROLEUA	A DEVELOPMENT LITED PEPELINE
	EMBER, 2015 NOVEMBER, BE Actual investigation dura	$2015/12:13$ Hours tion, days: $\sqrt{W_0(2)}$ DAYS
d. Description of spill point environment  Firm soil  Loos	a soil . D	Recently excavated area
·	`_	·
☐ Under water ☐ Swar ☐ Well Platform (on Water ☐ Drill	.,	Exposed pipe surface
Additional observations around the spill point INVESTIGATION NOBSERVED TO BE PARTIPERSON(S).	nt ON EXPOSURE HSIT (J.LV), THE Y CAST IN CON	E BY EXCAVATION BURING SPILL POINT WAS CRETE BY UNKNOWN
e. Description of leak point (tick as applicable Drilled hole Complete Rupture Failed Weld-on illegal hot tap valve Crude oil theft (illegal bunkering) point, Third party tampering with valve setting Flare System/Bund wall failure Valve Failure Others(specify)	☐ Hack saw cut ☐ Inward dent, ☐ Failed Clamp, ☐ Saver-pit over flow ☐ Bulging Outward ☐ Cold vent ☐ Relief valve failure	☐ Tear (
f. Incident caused by:  ☐ Third party interference (Sabotage☐;crue☐ ☐ Others (including ☐ Others)	•	ental 3 <sup>rd</sup> party damage□)

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

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_	Spill point coordina	ites ( ).	JG584)					
h. N	Measuring unit Northing:	( N	16584)	Easting:		<u></u>		
	4.690	798		7.25	438			
C. RIS	K ASSESSMEN	<u> </u>						
10.	Type of environm	nent:						
	Land	☐Swamp	□Water	☐Seasonal s	wamp [	]Shoreline/V	Vaterfront	
	i. Type of	environment to w	nich oil has spread:					
	Land	☐Swamp	□Water	☐River (	identify)			
	ii. Weather	condition						
	□Rain	√Z Sunny	□Dry □Wet	□ Windy	□Hot	□coo!		
11.	Distance from the	nearest sensitive	habitat					
	<ul> <li>Drinking wat</li> <li>Built up area</li> <li>Farmlands</li> <li>Fish Farm/Po</li> <li>Fishing net</li> </ul>	er source	gnated protected area		,m, [m, [m, [m] ,m] ,m]			
12.	Containment mea	sures put in place;						
	Booms	□T:	rench Dyke	Natural dep	oression	□Pit	None	
	Others: 1	CH EXC	VATED AF	las annos	ILL POI	NT		
13.	Any pictures or vi	ideo coverage?		(A)\ (	NJ			
14.	Further response	/repair initiated as	at the time of JIV?	[Y]/[[	N]			
RECO	-	FREE P	HASE OF			_	•	
WE	re carrie	DUT ON	I THE AFE	ected pup	ELINE	<b>SECTIO</b>	M BY CIT	1Mhng.
15.	Was there any dis	ruption to the inve	estigation?	[Y] [	N			

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APPLICABILE.
D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL  16. Structures / Properties  S/N Type of Structures Description Size Number Comments
NONE WITHIN AREA OF IMPACT
17. Crops/Economic Trees  S/N Type of crops Young Medium Matured Quantity Comments
18. Fishing Nets/Fish Ponds
S/N Nets/Ponds Description Quantity/Size Comments  ONE WITHIN AREA OF MPACT
19. Others (Specify) i.e. Animal Traps  S/N Others Description Quantity/Size Comments
E. GRAPHIC DESCRIPTION OF LEAK POINT (while detail report of the leak point should be contained in the leak report, overview sketch of the site should be added as an appendix 1)
SECTION OF 28"  NKPOKU - BOMU PIPELINE  AT B-DERE
4" PIPE SHOWING ONE NO. 4" CRUBE
PARTLY CONCEALED IN CONCRETE POINT AT
CONCRETE 12 0' CLOCK
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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)

	/WGS 84	•
S/N	Northing (WGS 84	
,	4.69114	7.25423 7.25441 7.25478 7.25490 7.25461
2	4.69131	7.25441
2 3	4.69093 4.69068 4.69061	7.25478
4	4.69068	7.25490
5	4.69061	7.2546
6	4.69081	7.25434
·- <u> </u>		
<b>.</b>		
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<u>;</u>		22/11/2015
		-
	/	· · · · · · · · · · · · · · · · · · ·
		•

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G. INCIDENT INFORMATION:
a. Impacted Area Details
Total calculated area of impact     O.3 Ha
Impact within R.O.W YES
Impact outside R.O.W
b. Volume of oil recovered before completion of JIV (Vrect):
Recovered oil V <sub>recl</sub> : 32 Barrels
c. Net Estimated Spilled VolumeV <sub>Eu</sub> (bbls)* = 102.67
Estimated Reported Volume** V <sub>rep</sub> (bbls)= 103 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:
NOT APPLICABLE

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<sup>1</sup> to barrely 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 AV procedure to use appropriate steps for volume estimation; record the calculation in a plain sheet of paper and anach to the AV report.

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d.	Genera	ľ	Status	of the	site

i.	Joint investigation of the incident site found that there is no residual impact after the initial response a therefore recommend that the site be closed out	TIL bn
ü.	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]:
- 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

