INCIDENT NO: 1408419 JIV report S/N:

Nº 0000001

(Note: As practicable as possible the JIT report is to be	e signed in the field by all t	he participating parties)
A. GENERAL INFORMATION:		
1. Spill incident Number: 1408419	2.Type of incident*	OIL SPILL
3. Name of Location 28" NKPOKU	- BOMU PIP	ELINE
4. Name of nearest community B-DERE	-	
7. Type of Production facility/Installation [1]		
8. Asset owner/District THE SHELL PETI		OPMENT COMPANY OF
	NIGERIA L	IMITED / PIPELINE
B. INCIDENT INFORMATION:		•
9. Details of incident a. Date of incident: 27TH MAY,	2015	
b. Start date/time of investigation: 29TH	MAY 2015 / 12	: 12 Hours
c. Investigation End date: 29TH MAY 201	Retual investigation durat	ion, days: ONE(1) DAY
d. Description of spill point environment		,
☐Firm soil ☐Loose soil	i (Z	Recently excavated area
☐Under water ☐Swampy		Exposed pipe surface
□Well Platform (on Water □DrillRig		
Additional observations around the spill point: ON ARRIVAL OF THE JOINT APPROXIMATELY LO METRES LEADING TO SITE. ALSO, A V WITHM THE VICINITY OF THE OBSERVED PARTLY CONCEALED W	THE SPILL POIL INVESTIGATION FROM THE MAY VATER BODY (ST SPILL POINT: ON I'll CONCRETE LE	NT WAS OBSERVED, I TEAM TO SITE, TO BE IN TARRED ACCESS ROAD REAM) WAS NOTICED EXPOSURE, SPILL POINT WAS ET-IN BY UNKNOWN PERSONIS
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,☐ Saver-pit over flow	☐ Missing Pipeline/Flowline ☐ Third party tampering with Clamp
Crude oil theft (illegal bunkering) point, 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
Others(specify)		
f. Incident caused by: ☐Third party interference (Sabotage☐;crude th ☐Operational ☐Others (including N	•	ntal 3 rd party damage□)

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

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g. Spill point coordinate. h. Measuring unit Northing:	69119	GS 84	Easting: (LONGI 543			•
				1000			
C. RISK ASSESSMENT 10. Type of environment		·					
√ Land	□ Swamp	□Water	Seasonal	swamp	□Shoreline/\	Waterfront	
i. Type of e	environment to wh	ich oil has spread:					
✓ Land	☐Swamp	□Water	□River	(identify)_		_	
ii. Weather	·				٠		
☐Rain 11. Distance from the	•	Dry Wet	□Windy	□Hot	□cool		
	reserved and designer source No No No No No No No No No N	nated protected area NE ITHIN MEDIATE VICIHITY	[[[[,m] ,m] ,m] ,m] ,m]			
Booms	· · · _	ench Dyke	□Natural de	epression	□Pit	□None	
ØOthers: Ex (AVATED	DITCH A	ROUND !	SPILL	POINT.		
13. Any pictures or vi	deo coverage?		[Y] /	[N]			
14. Further response.	repair initiated as	at the time of JIV?	[X]	[N]			
If yes to item 14, give brief do RECOVERY OF	•	DEE DILLO	e ou WA	S Novi	C betete t	г Теме	~D
REPAIRS WER	E EFFECTE	D BY BLIN	iding(Pr				

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JIV report S/N: No 0000001 INCIDENT NO: 1408419 If yes to item 15 give brief description: D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL 16. Structures / Properties Type of Structures Description Number Comments 17. Crops/Economic Trees S/N Type of crops Young Medium Matured Quantity Comments 18. Fishing Nets/Fish Ponds Quantity/Size **Comments** S/N Nets/Ponds Description 19. Others (Specify) i.e. Animal Traps Quantity/Size S/N Others Description 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 SHOWING ONE NO. 6" CRUDE OIL THEFT POINT AT MISSING BOLTS BLINDER LANGE CLOCK POSITION. CONCRETE SLAB (CAST) PARTLY CONCERLING CRUPE OIL THEFT FITTING 0F CRUDE_OIL 6" BALL VALVE FITTING BALL VALVE HANDLE CONCEALED FLANGE BY CONCRETE NIPPLE

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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)

	-	W42 84	
S/N	Northing	(SOUTHALL)	Easting (Lin City)
		(LATITUDE) 4-69125	Fasting (Lin (1719E) 7.25435 7.25435 7.2543 7.25427
		4.69119 4.6917 4.69121	7.25435
	 -	1.600	7.26/19
	<u> </u>	4 (00)	7.745
	ļ	4.69121	71427
	 		
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	NCIDENT NO:]	700711	JIV report a	S/N: M > Manyot
INCIDENT I	NFORMATION:			
a. Impacted	l Area Details			
•	Total calculated area of	•	4549	
•	Impact within R.O.W_	3.Y	<u>s </u>	_
•	Impact outside R.O.W	 -	<u> </u>	
o. <u>Volume o</u>	of oil recovered befor	Recovered oil V _{recJ} :	0.5	Barrels
Controlled r	recovery/evacuation f	rom source with no imp		· · · · · · · · · · · · · · · · · · ·
	N	Barrels		
	nateu Spineu voium	$\frac{\text{eV}_{\text{Est}}(\text{bbls})^*}{2 \cdot 9}$	5	
	rted Volume** V _{rep} (bb	2.1		
nes: Volume es Reported s	rted Volume** V _{rep} (bb	als)= 3 8A1	RELS details on the calculation)	
nes: Volume es Reported s	rted Volume** V _{rep} (bb	3 BA	RELS details on the calculation) in the box below:	
ones: Volume es. Reported s	rted Volume** V _{rep} (bb	als)= 3 8A1 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	RELS details on the calculation) in the box below:	
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ones: Volume es. Reported s	rted Volume** V _{rep} (bb	als)= 3 8A1 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	RELS details on the calculation) 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 estimation software on site; Conversion of m⁴ to burrels 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.

Wherever this estimation root is not applicable please refer to paragraph be (Devianous) of the AV procedure to use appropriate steps for volume estimation; record the calculation in a plain sheet of paper and attach to the AV report.

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d. General Status of the si	ite	e	the	of	tatus	S	eneral	d.
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i.	Joint investigation of the incident site found that there is no residual impact after the initial response at therefore recommend that the site be closed out	nd JIT
íí.	Investigation of the incident site showed that there is residual impact on site requiring further works	

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: 12/ 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

