INCIDENT NO:	663168	JIV rep	ort S/N:	No	D000194
Note: As practicable as possible the JIT	report is to be si	gned in the field by all	the participating par	rties)	
A. GENERAL INFORMATION:					
1. Spill incident Number:	68	2.Type of incident*	OIL SPILL		
3. Name of Location 20" KOLOG				K	
I. Name of nearest community AMIN					ĭ
7. Type of Production facility/Installation	_	-		<u> </u>	
B. Asset owner/District THE SHELL	PETROLE	um Developme	ENT COMPAN	14 9E	NIGERIA
Limited B. INCIDENT INFORMATION:				•	
<ul> <li>Details of incident</li> <li>a. Date of incident: 27<sup>7H</sup> June</li> <li>b. Start date/time of investigation: 16</li> <li>c. Investigation End date: 19<sup>74</sup> C</li> <li>d. Description of spill point environn</li> </ul>	TH OCTOR		ion, days: ONE	<u> </u>	
☐Firm soil	Loose soil		Recently excavated	area	
☐Under water	□Swampy		Exposed pipe surfac		
☐Well Platform (on Water	DrillRig				
Additional observations around the OBSERVED AN INWA	CD DENI	AND A TEAR	MIE TO E	TEA!	m osine at
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 Others(specify)	point, c setting c	Hack saw cut Inward dent, Failed Clamp, Saver-pit over flow Bulging Outward Cold vent Relief valve failure	Tear (EXP(  Well head tam  Missing Pipeli  Third party tan  Third party tan  Surge vessel or  Accidental 3 <sup>rd</sup> p	pering ne/Flow npering npering verflow, party equ	line with Clamp with flange,
Third party interference (Sabotas	geSt;crude theftC		ital 3 <sup>rd</sup> party damage	<b>D</b> )	

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

INC	IDENT NO:[	Pe3188	JIV	report S/N:	No	000019
g. Spill point coo	rdinates					
h. Measuring uni	t	Was	84			
·Northing:		•	- <del>Gasting</del> :	Longuit	(VE	
	4.94726		(	5.5581	9	
			ļ			
			1			
C. RISK ASSESSI	MENT					
10. Type of env						
□Land	□Swamp	□Water	Seaso	nal swamp	Shoreline/	Waterfront
i. Ty <sub>l</sub>	pe of environment to w	hich oil has spread:				
<b>☑</b> Land	<b>⊠</b> Swamp	ПWater	. □Ri	ver (identify)		_
ii. We	ather condition		•			
□Rain	Sunny	□ <sub>Dry</sub> □We	t 🗆 Wind	ly <b>H</b> ot	□coo!	
	m the nearest sensitive	•				
	nds rm/Pond net	gnated protected an	ea [ [ [ [	,m] ,m] ,m)	92 3M WHIN WWW	£N
12. Containmen	t measures put in place	•	•		•	
□Booms	•	rench Dyke	Natura	l depression	□Pit	None
Others:			-			
13. Any picture	s or video coverage?		[ Y] <b>&gt;</b>	/[N]		
14. Further res	ponse/repair initiated a	s at the time of JIV	?. [Y]	/[N]		
If yes to item 14, give t RECULERY L	oriefdescription: JORK AND RE	MAIR BY	Section	onal Re	PLACE	vent
ONGOING					<del></del>	
15. Was there a	ny disruption to the inv	estigation?	[Y]	[N-]/		

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If yes to item 15 give brief description:
THAT A DOLLAR DELTA
INUI ATTLICADLE
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
NAME INTERIOR OF TAKEN
THUTTE MITTING THE A UP MINCE
17. Crops/Economic Trees
S/N Type of crops Young Medium Matured Quantity Comments
THE AREA OF IMPACT
18. Fishing Nets/Fish Ponds
S/N Nets/Ponds Description Quantity/Size Comments
NAME INTUINING TO BASE
THURL MITHIN TREATOR MARCH
19. Others (Specify) i.e. Animal Traps
S/N Others Description Quantity/Size Comments
NONE XI HIN AREA OF MPACE
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)
ECTION OF 20" KOLECREEK - RUMLERRE PIPELINE RISER AT AMINIGEDIKO SHOWING
A TEAR DUE TO EXPLOSIVE AT 12 O'CLOCK POSITION BY UNKNOWN PERSON(S)
20" KOLOCREEK - RUMWERPE 1'MELWE, RISEK AT AMIHIGBOKO LEAK BUE EXPLOSIVE
LEVE!
DENT AT 12 0'CLOCK POSITION
Page 3 of 8 LEAK POINT.

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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)

CAT	T 37 -41 *		15 B T	· · · · · · · · · · · · · · · · · · ·
S/N	Northing	LATITUDE	Easting.	LONGITUDE
12	4	94725		6.55815
13-	4.	94731		6.55817
14	4	• 44744		6.55827
15.		94742		6.55841
16.	4	• 94736		6·55844
17	. 4	•94718		6.55845
18.	4	94716		6.55832
14.	4	94716		6.55816
				<u> </u>
				•
	/			
			· -	
	<u> </u>			

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G. INCIDENT INFORMATION:	
a. Impacted Area Details	
Total calculated area of impact 0.08Hq	
Impact within R.O.W  Impact outside R.O.W  No	
b. Volume of oil recovered before completion of JIV (Vrect):	
Recovered oil V <sub>recI</sub> :	Barrels
Controlled recovery/evacuation from source with no impact to environment:	+
NIL Barrels	
c. Net Estimated Spilled VolumeV <sub>Est</sub> (bbls)* =	
72.45 BARRELS	
Estimated Reported Volume** Vrep(bbls)= 73 BARRE-1 S	+
13 BARRELS	- <del></del>
*Nates:  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	
The second second	
	-
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimate Conversion of m <sup>2</sup> to barrels is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following any spill volume in excess of 1 bbl is rounded up to the next whole number.	on software on site: grules:
<ul> <li>Any spill volume in less than = 1 bbl = is rounded up to the next 0.1 bbl.</li> </ul>	
Examples: Calculated volume = 15.3 bbl Reported volume = 16 bbl  Calculated volume = 0.43 bbl Reported volume = 0.4 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 by (Deviations) of the AV procedure to use	uppropriate steps for

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

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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: So

• Department of Petroleum Resources [DPR]: 

Department of Petroleum Resources [DPR]:

- Asset Owner: 

  ✓
- Signatories agree with reported findings: \(\mathbb{Z}\right\)

State Ministry of Environment [SME]:

Separate DPR form has been filled out with same findings□

National Oil Spill Detection and Response Agency [NOSDRA]: D

Tick as applicable

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f. Appendix 1: Overview sketch of the site

