INCIDENT NO: 16884	32JIV re	oort S/N:	Nº	0000 160
(Note: As practicable as possible the JİT report is to	be signed in the field by al.	the participating pe	arties)	
A. GENERAL INFORMATION:			ŕ	
1. Spill incident Number: 1688432	2.Type of incident	* OIL SPILL	-	
3. Name of Location 12' MO LNER 2-				
4. Name of nearest community OWAZA			_	
7. Type of Production facility/Installation Oth		<u>_, , ,</u>	<u></u>	
8. Asset owner/District PIPELINE GAST	THE SHELL PETRO	Leum Dev	たいか	1en T
B. INCIDENT INFORMATION: COMPANY	OF NIGGELA LIM	itely.		(2)
9. Details of incident a. Date of incident: 6 Th August 2016 b. Start date/time of investigation: 9 Th August 201 c. Investigation End date: 4 Th August 201 d. Description of spill point environment	6 Actual investigation dura	Recently excavated	d area	of Local ne.
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) f. Incident caused by: Third party interference (Sabotage :crude the Coperational Coperations)		Tear (Well head tan Missing Pipel Third party tan Third party tan Surge vessel of Accidental 3rd	ine/Flowli mpering v mpering v overflow, party equi	with Clamp with flange,

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

INCID	ENT NO: <u>[(</u>	88435	JIV report S/N:	Nº 00001
g. Spill point coordin				
h. Measuring unit	i	wigs 8	4	
Northing:	LATITUE	 	Easting:	T.O.F.
			LONGII	الماك
	4.9804	-4	7.17500	
		2		
-			(Cap)	<u>^</u> ,
			<u> </u>	
C. RISK ASSESSMEN	NT			
10. Type of environ	ment:			
Land	Swamp	□Water	☐Seasonal swamp ☐	Shoreline/Waterfront
i. Type o	f environment to w	hich oil has spread:		
Land	☐Swamp	□Water	River (identify)	
ii. Weathe	er condition			•
□Rain	Sunny	□Dry 🖼 wet	□Windy □Hot	⊠cool
11. Distance from th	ne nearest sensitive	habitat		
☐ Governmen ☐ Drinking w ☐ Built up are ☐ Farmlands ☐ Fish Farm/I ☐ Fishing net ☐ Others (spe	ater source ea Pond	gnated protected are	a [,m] N6 [ONE CEEN LITHIN VICINITY
12. Containment me	easures put in place	;		
Booms	□т	rench Dyke	Natural depression	□Pit □None
Others:	<u>.</u>		•	
13. Any pictures or	video coverage?		[Y] /[N]	
14. Further respon	se/repair initiated a	s at the time of JIV?	[Y] / [N]	
If yes to item 14, give brief				
		HORK IMITE	MED, JN COMPLE	ETED, WHILE
			IL ONGOING.	
			[Y] [N V	

n yes to nem 15 give on	ief description:	. 000	^		
	1017	APPLI	CABL	E	
D. TYPE/NUMBERS 16. Structures / Pro-		IF ANY, FOUN	D WITHIN THE	AREA OF SPRE	EAD OF OIL
S/N Type of Structu	·	on Size	Number	Comm	nents
NISKI		, , , , , , , , , , , , , , , , , , ,	10 A 5	- 118.4	04.6.7
1110HE	: 1/41 ([T]	IN M	(LiA C	>+	PACI
17 CanalEassani	in Tenna				
17. Crops/Economi	Young	Medium	Matured	Quantity	Comments
MONE	H WI TH	N A	LA 1	AF IM	PACT
			<u> </u>	<u> </u>	
18. Fishing Nets/Fi	ish Ponds				
S/N Nets/Ponds	Description		Quantity/Size	Comments	
* In Nico	1 1	· A	7	<u> </u>	7.07
14011F	- 1/41 14/1 P	√	-EA-	31 - 11x1 i	/** (_
19. Others (Specify S/N Others	y) i.e. Animal Traps Description	3.0	Quantity/Size	Comments	
On Others	Description			Comments	
NONG-	HATHEN	1 A	3 43	T IM	PACT
1 4-14-	14111211		*** *********************************	1,1	1 ' 1
E. GRAPHIC DESCR				e leak point shoul	d be contained in
	19" LAND P	nna de addea as a NBRTE-OGA	LE TRANS	. NIGER !	PIPELINE +
the leak report, overview			-		
the leak report, overview NKL YIEW OF		al illeen	L THEFT	POINT.	
the leak report, overview NKL YIEW OF	CRUDE O	al illern	L THEFT	·	Na T
the leak report, overview NKL YIEW OF		al iller	L THEFT	LEAK D	
the leak report, overview NAL YIEW OF		al illeri	L THEFT	LEAK D	ue To due With
the leak report, overview NAL YIEW OF		ar itter	THEFT	LEAK D	dve With
the leak report, overview NAL YIEW OF		IL ILLER	THEFT	LEAK DI I" BAIL VA CONNECTE	dve With I
the leak report, overview NAL YIEW OF		IL ILLEN	THEFT	LEAK D I" BAH VA CONNECTED AT 12°C	due With b, Installe lock Dosi
the leak report, overview NKL VIEW OF		IL ILLEN	THEFT	LEAK D I" BAH VA CONNECTED AT 12° C DN 124 I	dve With b, Installe lock Dose Mo Riverit
the leak report, overview NAL YIEW OF		IL ILLEN	THEFT	LEAK D I" BAH VA CONNECTED AT 12°C	due With b, Installe lock Dose Mo Riverit
the leak report, overview NKL YIEW OF		IL ILLEN	THEFT	LEAK D I" BAH VA CONNECTED AT 12° C DN 124 I	dve With b, Installe lock Dose Mo Riverit

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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)

S/N	Northing	LATITUDE		Easting	LDA	Cillute		
	4	··98043			7.175			
	1 4	. 98054			7.175		- ,	
	4	98068			7.174	94		
	4	· 980 &			7.175			
	4	. 98076			7.174	189		
	1 . 4	·0808			7.174	88		
	4	98079			7.174	83		
-	4	98085			7:174			
	4	-98095			7.174	72		
	4	·· 980 99			7.174	<u>6</u> 5		
	4	·98099			7.174	64		
	4	·98084		*	7.174	67		
	4	98071	ij.	t.	7-174			
	4.	98047			7.175			
	4.	98046			7.174	99		
<u>.</u>	,				•			
				··· ··· ···				
								• •
	•			•	· · · · · · · · · · · · · · · · · · ·			

INCIDENT NO: 1688 432 JIV report S/N: N	9000160
G. INCIDENT INFORMATION:)
a. Impacted Area Details	
Total calculated area of impact Impact within R.O.W TES	
Impact outside R.O.W Volume of oil recovered before completion of JIV (V _{rec}):	
,·	Barrels
Controlled recovery/evacuation from source with no impact to environment: NIL Barrels	
c. Net Estimated Spilled VolumeV _{Est} (bbls)* = 13 49 BRRCLS	
Estimated Reported Volume** V _{rep} (bbls)=	
*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: *Estimated Spilled Volume Was Based on Spilled on to the consideration for estimating the spilled in the box below:	SITE:
*RECOVERY OF SPILES OIL COMMENCED AFTER ESTIMATES	YIIICS
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimation. Conversion of m' to barrels is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the followings Any spill volume in excess of -1 bbl - is rounded up to the next whole number.	r software on site; ules:
 Any spill volume in less than - 1 bbl - is rounded up to the next 0.1 bbl. 	
Examples: Calculated volume = 15.3 bb1 Reported volume = 16 bbl Calculated volume = 0.35 bb1 Reported volume = 0.4 bbl Calculated volume = 0.01 bb1 Reported volume + 0.1 bbl	
Wherever this estimation tool is not applicable please refer to paragraph 6c (Deviations) of the AV procedure to use a volume estimation, record the eak ulation in a plain sheet of paper and attach to the AV report.	ppropriate steps for

JIV report S/N	14.2	90001
d. General Status of the site		
i. Joint investigation of the incident site found that there is no residual impact after the initia therefore recommend that the site be closed out	response	and JIT
ii. Investigation of the incident site showed that there is residual impact on site requiring furth	er works	· DV
e. Representatives		
This report was filled, agreed and signed by the following joint investigation team represe	ntatives:	
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 ap _l	plicable

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f. Appendix 1: Overview sketch of the site

