JIV report S/N: U9 79
(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: 1938 178 2. Type of incident* CAL SPILL
3. Name of Location 16" EGBEMA - ASSA (TRUNKLINE) PIPELINE
4. Name of nearest community OBILE 5. State: MO 6. LGA EGBERNA
7. Type of Production facility/Installation GIL PIPELING
B. Asset owner/District THE SHELL PETROLEUM DEVELOPMENT COMPANY OF NIGER B. INCIDENT INFORMATION:
). Details of incident
a. Date of incident: 29 TH SEPTEMBER, 2017
b. Start date/time of investigation: 11TH OCTOBER, 2017 c. Investigation End date: 12NH OCTOBER 26 A tual investigation duration, days: Two DATE
d. Description of spill point environment
Firm soil SLoose soil Recently excavated area
Under water
□Well Platform (on Water) □Drill Rig
Additional observations around the spill point:
Additional observations around the spill point: THE JOINT INVESTIGATION TEAM
SAW SAND BAGS USED TO CONCEAL THE ILLEGAL
THEFT POINT
e. Description of leak point (tick as applicable);
Drilled hole
☐ Complete Rupture ☐ Inward dent, ☐ Well head tampering
Failed Weld-on illegal hot tap valve
☐ Crude oil theft (illegal bunkering) point, ☐ Saver-pit over flow ☐ Third party tampering with Clamp ☐ Bulging Outward ☐ Third party tampering with flange
☐ Flare System/Bund wall failure ☐ Cold vent ☐ Surge vessel overflow, ☐ Valve Failure ☐ Relief valve failure ☐ Accidental 3rd party equipment impact
Corrosion Others(specify)
f. Jucident caused by:
Third party interference (Sabotage : crude theft ; Line theft ; Accidental 3rd party damage)
☐ Others(specify)

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

111012		13017	<u> </u>	_ ola let	JOIL JA	v. U33	3
g. Spill point coording	ates	10	.	-	a .		
h. Measuring unit	<i>\</i>	NGS 8	4				
Northing:	LATITUD	E	Eas	sting:	JON G	1TUDE	
	5.395	80		6.	7896	Æ	
		2			Ī		
		5 ~				5	
				· 			
C. RISK ASSESSME	NT				•		
10. Type of environ							
Land							
Land	☐ Swamp	□Water		☐ Seasonal:	swamp	☐Shoreline/	Waterfront
i. Type o	of environment to v	vhich oil has s	pread:				
Land	□ Swamp	□Water	1	□River (ide	ntify)		_
ii. Weathe	er condition						
Rain	Sunny	□Dry [∃Wet	□Windy	∐ilot	□cool	
11. Distance from th	ie nearest sensitive	habitat		•			
☐ Governmer☐ Drinking w☐ Built up are☐ Farmlands☐ Fish Farm/☐ Fishing net☐ Others (spe	pond	gnated protect	ed area	[[[[]	,m] ,m] ,m] ,m] ,m]	NONE WITH VICIN	H
12. Containment me	asures put in place	· •		٠			
□Booms		Trench	/ Dyke i	□Natural de	pression	₽it	□None
Others:							
13. Any pictures or	video coverage?			[Y]	[N]		
14. Further response	/repair initiated as	at the time of	JIV?	[Y - Y]	[N]		
if yes to item 14. give brie REPAIR WOL		tmpING	AND	OL S	PILL F	Leco yes	<u>'</u>
WORK ON							
15. Was there any dis	cuption to the investi	eation?		fVl	INJ /		-

	INCIDE	NT NO: 193	38178	JIV re	port S/N: 0	939	
lfy	es to item 15 give brief	description:			٠	·	
	NO	A TC	PPLI	CAE	SLE		
D.	TYPE/NUMBERS Of		F ANY, FOUN	D WITHIN THE	AREA OF SPREA	AD OF OIL	
S/N			Size_	Numb	er	Comments	
	IONE	WITH	NA	REA	OF IN	1PACT	
S/N	17. Crops/Economic T	rees Young	Medium	Matured	Quantity	Comments	
	ONE I	H	IN A	REA	OF N	APACT	
S/N	18. Fishing Nets/Fish Nets/Ponds	Ponds Descr	iption	Quantity/Size	Comm	ients	
	ONE	MITHI	1 A	REA	OF IM	PACT	
S/N	19. Others (Specify) i.	e. Animal Traps	iption	Quantity/Size	Comm	ents	,] .
	ONE ,	11111	V AR	EA (T IMI	PACT	
E. TIDNA	GRAPHIC DESCRIPTION OF THE PERK PERK PERK PERK PERK PERK PERK PER	PTION OF LEAK The site of the	POINT (While should be adde	detail report of the d as an appendix ASSA (TRE	re leak point should INKLINE) FI	d be contained in	I Tobil
		FAILED			LEGAL HO		
					AILED 3"		
	3" BAII	VAIVE		<i>,</i>	O CLOCK		N
16"	5				3" MIPPLE		TIE"
. 1— <u>.</u> Y		EGBEMA	- ASSA: 1	PIPELINE		,	-1 -

INC.NO: 1938178

INC.N						
PT_ID	I		LONG_X	-	LAT_Y	LONG_X
SP		5.3958		423		
	378	5.39521	6.78929	424		
	379	5.39518	6.7893	425		
	380	5.39523	6.78938	426		
	381	5.39536	6.78962	427	5.39626	
	382	5.39533	6.78974	, 428	5.39626	6.78994
	383	5.39539	6.78977	429	5.39628	
	384	5.39539	6.78983	430	5.39631	6.79004
	385	5.39534	6.7898	431	5.39635	6.7 9 013
	386	5.39519	6.78987	432	5.39643	6.79021
	387	5.3952	6.7899	433	5.39637	6.78992
	388	5.3953	6.78986	434	5.39647	6.79014
	389	5.39504	6.78997	435	5.39661	6.79031
	390	5.39506	6.79	436	5.39659	6.79033
	391	5.39529	6.7899	453	5.39539	6.789713
	392	5.39532	6.78989	437	5.39815	6.79135
	393	5.3954	6.78988	438	5.39818	6.79134
	394	5.39543	6.78985	439	5.3 9 832	6.79143
	395	5.39544	6.78992	440	5.39841	6.79152
	396	5.39547	6.78992	441	5.39841	6.7916
	397	5.39546	6.78985	442	5.39854	6.7916
	398	5.39545	6.78981	443	5.39855	6.79167
	399	5.39551	6.78981	444	5.39863	6.79169
	400	5.39552	6.78985	445	5.39862	6.79172
	401	5.39558	6.78983	446	5.39866	6.79173
	402	5.39551	6.78978	447	5.39871	6.79173
	403	5.3956	6.78975	448	5.39878	6.79178
	404	5.39563	6.78978	449	5.39878	6.79186
	405	5.39569	6.78977	450	5.39875	6.79187
	406	5.39569	6.78973	451	5.3987	6.79185
	407	5.39577	6.78969	452	5.39842	6.7916
	409	5.39574	6.78961	454	5.39863	6.79188
	410		6.78959	455		
	411		6.78959			
	412	5.39585	6.78962			
	413		6.78963			
	414		6.78965			
	415		6.78963			
	416		6.78976			
	417					
	418					
	419					
	420					
	421		6.78948			
	422					
	722	5.55013	0.7000			

INCIDENT NO: 1938178 JIV report S/N: 0939

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)

		<u></u>	
E	5/N	Northing	Easting
			
\vdash			
			./
ļ		<u> </u>	
-			
⊢		<u> </u>	
-			
`			
-			
- ├		· · · · · · · · · · · · · · · · · · ·	
			/
\vdash			
\vdash			
1			
\vdash		<u> </u>	
╌		<u> </u>	
H			
- 1			V
- [<u> </u>
L			
L			
			
ĺ		/	
L			
		/ <i>/</i>	
⊢			
}		 	
			1
-			
╌			
-	/	†	
_ -	-/		
b	_		
ť			
L		<u> </u>	·

N939

INCIDENT NO: MASSITES JIV report Sin.	0000
G. INCIDENT INFORMATION:	
a. Impacted Area Details	
Total calculated area of impact	· -
Impact within R.O.W Impact outside R.O.W TES	_
b. Volume of oil recovered before completion of JIV (Vreed):	Barrels
Recovered oil V _{reeJ} ; 15	Barreis
Controlled recovery/evacuation from source with no impact to environment: N(L) Barrels	
c. Net Estimated Spilled VolumeV _{Est} (bbls)* =	
35.62 BARRELS	
Estimated Reported Volume** Vren(bbls)= 36 BARKELS	
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: APPLICABLI	
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estim Conversion of m ¹ to barrels is Volume:(m3) x 6.29: **Round up estimated volume to next whole number using the follow • Any spill volume in excess of I bbl is rounded up to the next whole number:	nation software on site: Ting rules:
 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 6e (Deviations) of the JIV procedure to use appropriate steps for a volume estimation; record the calculation in a plain sheet of paper and attach to the JIV report.

INCIDENT NO: 1938173 JIV report S/N: 0939

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
c. Representatives
This report was filled, agreed and signed by the following joint investigation team representatives:
Host Community:
Department of Petroleum Resuurces [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

INCIDENT NO: 1938178 JIV report S/N: 0939

f. Appendix 1: Overview sketch of the site

