INCIDENT NO: 1678645 JIV report S/N: Nº 0000180

(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: 1678645	2.Type of incident*	OIL SPILL
3. Name of Location 12" MURIUTE 2 -	- DEME PIPEL	inf
UMUEDEOKルバ 4. Name of nearest community	TRA _5. State: RIVERS (S. LGA ETCHE
7. Type of Production facility/Installation OIL 1	PIPELINE	
8. Asset owner/District SPDC	PIPELINE	
B. INCIDENT INFORMATION:		•
9. Details of incident a. Date of incident: 22 JULY 20 b. Start date/time of investigation: 28 JULY c. Investigation End date: 02 August, 2 d. Description of spill point environment	16 <u>720</u> /6 12: 15 5 ketual investigation dura	PM tion, days: Two (2) DAYS
☐Firm soil ☐Loose so	oil 🕊	Recently excavated area
□Under water □Swampy	, · · □	Exposed pipe surface
□Well Platform (on Water □DrillRig		
Additional observations around the spill point:		
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
	* **	
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,	☐ Missing Pipeline/Flowline
Crude oil theft (illegal bunkering) point,	Saver-pit over flow	☐ Third party tampering with Clamp
☐ 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 the		ntal 3 rd party damage□)
□Operational □Others (including N	Mystery spills)	

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

INCIDENT NO: 1678645 JIV report S/N: Nº 0000180 g. Spill point coordinates WGS 84 h. Measuring unit Easting: Northing: ATMOR LONGTUDE 4-98199 C. RISK ASSESSMENT 10. Type of environment: Land □Water ☐Seasonal swamp ☐Shoreline/Waterfront □ Swamp Type of environment to which oil has spread: ☐River (identify) **Z**Land ■Water ☐Swamp ii. Weather condition □cool Rain Dry Wet □Windy Hot Sunny 11. Distance from the nearest sensitive habitat ☐ Government, reserved and designated protected area m, ,m] Drinking water source WITHIM WEIMIT Built up area ,m] ſm, □ Farmlands [m, ☐ Fish Farm/Pond ☐ Fishing net □ Others (specify) 12. Containment measures put in place; **Z**Pit None Natural depression Dyke ☐Booms Trench Others: CY INI 13. Any pictures or video coverage? 14. Further response/repair initiated as at the time of JIV? If yes to item 14, give brief description: +COVERY ACTIVITIES ONGOING.

15. Was there any disruption to the investigation?

[N]

M

INCIDENT NO: 1678645 JIV report S/N: Nº 0000180 If yes to item 15 give brief description: COMMUNITY INTORFERENCE D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL 16. Structures / Properties Comments Size Number Description Type of Structures 17. Crops/Economic Trees Quantity Comments Matured Medium S/N Type of crops OME 4 IMPACTED BY PALM IREE DIL SPILL 18. Fishing Nets/Fish Ponds Quantity/Size Comments Nets/Ponds Description 19. Others (Specify) i.e. Animal Traps Quantity/Size **Comments** S/N Others Description E. GRAPHIC DESCRIPTION OF LEAK POINT (while detail report of the leak point should be contained in Steron of 12 Ino RIVER 2 - DEME PIPELINE AT UMUEDEOWARA SHOWING 1 PARPOINT LOCAL CLAMP

FROM IMPRIVERS TO OGALE.

Page 3 of 8

INCIDENT NO: 1678645 JIV report S/N: Nº 0800180

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)

	MYS	× 84
S/N	<u> </u>	Easting LONGITUDE
	4.98195	7-16909
	4-98196	7.16916
	4-98196	7.16916 7.16894
	4.98206	7.16916
	4.98216	7.16919
	.4-98221	7.16915
	4-98221	7.16964
	4.982.24	7-16901
	4 - 9823	1,16306
	4.9824	7.16897
	4.98249	7.16894
	4-98252	7.16889
	4-9824	7.16902
	4.98261	7. 16899
***	4 . 98 255	V: 7.16893
,	4. 98217	7.16964
	4.9821	7.16899
	4 .98199	7.16911
	1 7	
	<u> </u>	

INCIDENT NO: 1678645 JIV report S/N: Nº 0000180

G.	INCE	DENT	INFOR	MIA	TION:
----	------	------	-------	-----	-------

a.	Impact	ed Area	Details
----	--------	---------	---------

•	Total calculated area of impact	0.08044	
•	Impact within R.O.W	755	
_	Impact outside R O W	YES	

b. Volume of oil recovered before completion of JIV (Vreci):

Recovered oil V_{rec1}:

Recovered oil V_{rec1}:

Barrels

Controlled recovery/evacuation from source with no impact to environment:

NIL Barrels

c. Net Estimated Spilled VolumeV_{Est}(bbls)* =

13.39 BARLELS

Estimated Reported Volume** V_{rep}(bbls)=

14 BARRELS.

*Notes:

Valume estimation was done using an excel based tool (see attached for details on the calculation).

Write other relevant notes taken into consideration for estimating the spilled 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 m' to harrels 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 communion 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 plant sheet of paper and attach to the AV report.

INCIDENT NO: 1678645 JIV report S/N: Nº 9000180

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

Ø

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|:NZ
- Asset Owner:
- Signatories agree with reported findings.
- Separate DPR form has been filled out with same findings

Tick as applicable

INCIDENT NO: 1678645 JIV report S/NNº 0000180

f. Appendix 1: Overview sketch of the site

