F1D: 1402479
INCIDENT NO: 00014 JIV report S/N:

(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: 14024.79	2.Type of incident	OIL SPILL
3. Name of Location 12" TMD RIVE	R - OGALE	PIPELINIE
4. Name of nearest community KOMKOM	5. State: RIVERS	6. LGA 0719BO
7. Type of Production facility/Installation 014	PIPELINE	
8. Asset owner/District SPDC (	PIPELINE/PNI	Pf-)
B. INCIDENT INFORMATION:		
<ul> <li>9. Details of incident <ul> <li>a. Date of incident: 18<sup>TH</sup> MAY, 2015</li> <li>b. Start date/time of investigation: 20<sup>TH</sup> M</li> <li>c. Investigation End date: 20<sup>TH</sup> MAY, 2015</li> <li>d. Description of spill point environment</li> </ul> </li> </ul>	Actual investigation dura	tion, days: ONE US DAY.
□Firm soil □Loos	e soil	Recently excavated area
☐Under water ☐Swar ☐Well Platform (on Water ☐Drill		Exposed pipe surface
Additional observations around the spill point OBSERVED AT SPILL POINTSIT	E POLYTHEME UT DURING THE	AND SAMD BAGS WAS
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 ☐ Valve Failure	☐Cold vent ☐ Relief valve failure	Surge vessel overflow,
Others(specify)		Accidental 3 <sup>rd</sup> party equipment impact
f. Incident caused by:  ☐Third party interference (Sabotage□;crude		ntal 3 <sup>rd</sup> party damage□)

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

# JOINT INVESTIGATION REPORT Fig: 1402479 CIDENT NO:\_\_\_\_\_\_CCC14\_\_ JIV report S/N:

**INCIDENT NO:** 

	pill point coordinates		84	Faction			
	Northing:			Easting:			
eint A	04.879	אכמי		07.17	2501	 E	
oint B'	04 879			07 17	2501		
	04.8790			07.17	2508	-	
oint C' Oint D'	04.879	OIN		<del>                                     </del>	2506		
	K ASSESSMENT						
10.	Type of environmen	nt:					
	Land	Swamp	□Water	Seasonal:	swamp	☐Shoreline/V	Vaterfront
	i. Type of en	vironment to wh	ich oil has spread:				
	Land	Swamp Swamp	Water □	□River	(identify)		-
	ii. Weather co	ondition					
	<b>A</b> Rain	Sunny [	∃Dry □Wet	□Windy	□Hot	□cool	
11.	Distance from the r	earest sensitive l	nabitat				
	☐ Government re ☐ Drinking water ☐ Built up area ☐ Farmlands ☐ Fish Farm/Pon ☐ Fishing net ☐ Others (specify	NONE MITH	nated protected are SEEM IN VICIN		,m] ,m] ,m] ,m] ,m]		
12.	Containment meas	tres put in place;			•		
	Booms	□Tı	ench Dyke	Natural de	pression	Pit	□Non
	. DOthers:			•			
13.	. Any pictures or vic	leo coverage?		W	[ N ]		
14	, Further response/	repair initiated as	at the time of JIV	? [Y].	[ N ]		
If yes to	item 14, give brief des	REC	OUERT A	VD REPA	1A F	76714/11	<del>t_s</del>
AR	+ ON GOI	NG.					
		untion to the inv	actiontion?	[ Y]		•	

\_ JIV report S/N: 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 Comments Type of Structures Description Size Number 17. Crops/Economic Trees Quantity Comments Medium Matured Type of crops Young 18. Fishing Nets/Fish Ponds Quantity/Size Comments Description S/N Nets/Ponds 19. Others (Specify) i.e. Animal Traps Quantity/Size Comments Description Others E. GRAPHIC DESCRIPTION OF LEAK POINT (while detail report of the leak point should be contained in the overview sketch of the site should be added as an appendix 1) OGALE PIPELINE 4 205 <del>cu</del>k points 2" BALL PIPE CONNECTION FROM IMO RIVER TO DGA

# JOINT INVESTIGATION REPORT FID: 1402479 CIDENT NO: CC014

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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)

COL	_WG> 84	
S/N	Northing	Easting
A	04.87888N	07.17259E
_B	04.87896 N	07.17240E
	04.87905N	07.17236E
D	04-87922N	07.172385
E	04.87942N	07.17235 E
F	04.87967N	07.17237E
G	04.87978N	07.17242E
Ĥ	04.87978N	07.17274E
1	04.87965N	07.17276E
J	04.87959N	07.17288E
<b>)</b> _	04.8792 N	07-17264E
<u>L</u>	04.87957N	07.17293E
M	04.87888N	07.17272E
_N_	04.87869N	07.17271E
0	04.87839N	07.17281E
P	04·87837N	07.17277E
Q.	04.87868N	07.17267E
R	04·87885N	07.17267E
	•••	

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INCIDENT NO: 00014 JIV report S/N:	
G. INCIDENT INFORMATION:	•
a. Impacted Area Details	
Total calculated area of impact 0.49Ha	
• Impact within R.O.W YES	
Impact outside R.O.W YES	
b. Volume of oil recovered before completion of JIV (V <sub>recJ</sub> ):    Recovered oil V <sub>recJ</sub> :   A	Barrels
Controlled recovery/evacuation from source with no impact to environment:  Barrels  Barrels	
c. Net Estimated Spilled VolumeV <sub>Est</sub> (bbls)* =	
28.56 BARRELS	
Estimated Reported Volume** V <sub>rep</sub> (bbls)= 29 BARRELS.	
*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:	
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill yolume estimation Conversion of m to barrels is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following re  Any spill volume in excess of   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.	
Examples: Calculated volume = 15.3 hbl Reported volume = 16 bbl Calculated volume = 0.35 hbl Reported volume = 0.4 bbl Calculated volume = 0.01 hbl Reported volume = 0.1 bbl.	

Wherever this estimation tool is not applicable please refer to paragraph 6c (Deviations) of the JIV procedure to use appropriate steps for column estimation; record the calculation in a plain sheet of paper and attach to the JIV report.

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d	General	Status	of the	site
11.	TERETAL	линия	OI LIIC	SILC

i.	Joint investigation of the incident site found that there is no residual impact after the initial response therefore recommend that the site be closed out	and JIT
ii.	Investigation of the incident site showed that there is residual impact on site requiring further works	M

#### 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]:
- Asset Owner:
- Signatories agree with reported findings:
- Separate DPR form has been filled out with same findings \(\omega\)

Tick as applicable

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f. Appendix 1: Overview sketch of the site

