1393731

INCIDENT NO: 00004 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: 2.Type of incident\* 4. Name of nearest community () M LIOHIA 5. State: RIVERS 7. Type of Production facility/Installation [] } } 8. Asset owner/District B. INCIDENT INFORMATION: 9. Details of incident a. Date of incident: 2015/13:42 HOURS b. Start date/time of investigation: c. Investigation End date: 3RD MAY, 2015 Actual investigation duration, days: DNE(1) DAY d. Description of spill point environment Loose soil Recently excavated area Firm soil Under water □ Swampv ☐Exposed pipe surface ☐Well Platform (on Water DrillRig Additional observations around the spill point: OF TEAM OBSERVED TWO CROSS-S

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	D Bulging Outward	☐ Third party tampering with flange,
☐Flare System/Bund wall failure	☐Cold vent	☐ Surge vessel overflow,
☐ Valve Failure	Relief valve failure	Accidental 3 <sup>rd</sup> party equipment impact
Others(specify)		

Others (including Mystery spills)

f. Incident caused by:

Third party interference (Sabotage□; crude theft□; Line theft□; Accidental 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,

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i. Type of environment to which oil has spread:    Land	asuring unit WGS 84	Parking
Type of environment:    Land	Northing: (LATITUDE)	Easting: (LUNGITYDE)
Type of environment:    Land	4.92927	7.02437
Type of environment:    Land	4. 929 23	7.02446
Type of environment:    Land		
Type of environment:    Land	ACCECCMENT	·
i. Type of environment to which oil has spread:  Land Swamp Water River (identify)  ii. Weather condition  Rain Sunny Dry Wet Windy Hot Cool  Distance from the nearest sensitive habitat  Government reserved and designated protected area [ ,m] Drinking water source [ ,m] Built up area Farmlands [ ,m] Fish Farm/Pond [ ,m] Fish Farm/Pond [ ,m] Others (specify).  Containment measures put in place;  MBooms Trench Dyke Natural depression Pit Cothers:  Any pictures or video coverage? [ XV [ N ]  Further response/repair initiated as at the time of JIV? [ XV [ N ]		
Weather condition	•	☐Seasonal swamp ☐Shoreline/Waterfrom
ii. Weather condition    Rain	i. Type of environment to which oil has spread:	
□ Rain □ Sunny □ Dry □ Wet □ Windy □ Hot □ Cool  Distance from the nearest sensitive habitat  □ Government reserved and designated protected area □ [ ,m] □ Drinking water source □ [ ,m] □ Built up area □ [ ,m] □ Farmlands □ Fish Farm/Pond □ [ ,m] □ Pishing net □ Others (specify).  Containment measures put in place; □ Booms □ Trench □ Dyke □ Natural depression □ Pit □ Others: □ □ Others initiated as at the time of JIV? □ N □ Turcher response/repair initiated as at the time of JIV? □ N □ Item 14, give brief description:	✓Land □Swamp □Water	River (identify)
Distance from the nearest sensitive habitat  Government reserved and designated protected area  [ ,m] Drinking water source [ ,m] Built up area [ ,m] Farmlands [ ,m] Fish Farm/Pond [ ,m] Fishing net Dothers (specify).  Containment measures put in place;  Booms Trench Dyke Natural depression Pit  Cothers:  Any pictures or video coverage?  Further response/repair initiated as at the time of JIV?  [ XV [ N ]  Item 14, give brief description:	ii. Weather condition	
Distance from the nearest sensitive habitat  Government reserved and designated protected area  [ ,m] Drinking water source [ ,m] Built up area [ ,m] Farmlands [ ,m] Fish Farm/Pond [ ,m] Fishing net Dothers (specify).  Containment measures put in place;  Booms Trench Dyke Natural depression Pit  Cothers:  Any pictures or video coverage?  Further response/repair initiated as at the time of JIV?  [ XV [ N ]  Item 14, give brief description:	✓Rain □Sunny □Dry □Wet	□Windy □Hot □cool
□ Drinking water source □ Built up area □ Farmlands □ Fish Farm/Pond □ Fishing net □ Others (specify).  Containment measures put in place; □ Booms □ Trench □ Dyke □ Natural depression □ Pit □ Others: □ Any pictures or video coverage?  [ XV [ N ]  Further response/repair initiated as at the time of JIV?  [ XV [ N ]  tem 14, give brief description:		·
Booms	<ul> <li>□ Drinking water source</li> <li>□ Built up area</li> <li>✓ Farmlands</li> <li>□ Fish Farm/Pond</li> <li>□ Fishing net</li> </ul>	[ ,m] [ ,m] [ <b>]</b> ,m] [ ,m]
Any pictures or video coverage?  [XV [N]  Further response/repair initiated as at the time of JIV?  [XV [N]  tem 14, give brief description:	Containment measures put in place;	·
Any pictures or video coverage? [XV [N]  Further response/repair initiated as at the time of JIV? [N]  tem 14, give brief description:	Booms	Natural depression Pit Non
Further response/repair initiated as at the time of JIV? [ XV [ N ] tem 14, give brief description:	Others:	
tem 14, give brief description:	Any pictures or video coverage?	[X] [N]
tem 14, give brief description: TINUAL RECOVERY OF FREE-PHASE OIL, WHICH HAD	Further response/repair initiated as at the time of JIV?	[X] [N]
	TINUAL RECOVERY OF FREE-	
To Jv, WAS SET TO BE INITIATED UPON CONCLUDING Was there any disruption to the investigation?  [Y] [N]	TO JIV, WAS SET TO BE IN	4

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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 Number Type of Structures Description Size 17. Crops/Economic Trees Quantity Comments Medium Matured Type of crops Young 18. Fishing Nets/Fish Ponds Quantity/Size Comments Description Nets/Ponds 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 the leak report, overview sketch of the site should be added as an appendix 1) AGRADA 2 WELL 34 S FLOWLINE AT OMUOHIA SECTION OF SHOWING MISSING LENGTH OF FLOWLINE EVIDENCED BY TWO CROSS SECTIONAL ENDS. LEAK LEAK 11.6M LENGTH POINT THIOG OF MISSING FLOWLINE 2 FROM AGBADA 2 WELL 34 2 NO: CROSS-SECTIONAL ENDS.

4"

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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)

	<u> </u>	<u> </u>
S/N	Northing (LATITUDE)	
	4.92915	7.02460
	4-92914	7-02468
	4.92893	7.02503
	4.92899	7.02506
	4. 92921	7.02457
	4. 92925	7.02449
	4 · 92 930	7.02440
	4 92929	7. 024 37
	4.92951	7.02380
	4. 92950	7.02380
	4.92945	7.02387
	4.92927	7.02434
	4. 92920	7. 02443
	4. 92916	7.07441
	4.92915	7-02447
	. 4.92918	7-02448
	4.92916	7-02460
سييدا		
		<del></del>

. . . . .

11	NCIDENT NO	:	JIV report S/	N:
G. INCIDENT I	NFORMATION:			
	l Area Details		. 1	
•	Total calculated are Impact within R.O.	w YE	)·0'764Hq	<u>-</u>
•	Impact outside R.O	o.w	ES	
b. Volume o	of oil recovered be	efore completion of JIV Recovered oil V <sub>re</sub>		Barrels
Controlled i	· .	on from source with no i	impact to environment:	
c. <u>Net Estin</u>	nated Spilled Vol	$umeV_{Est}(bbls)^* = $	91.08	
stimated Repo	rted Volume** Vre	<u>p(bbls)=</u> 192 Bi	ARRELS	
<ul> <li>Reported</li> </ul>	sniffed volume is an estin	an excel based tool, (see attached nate isideration for estimating the spi		
		APPLI		
1				

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<sup>3</sup> to burrels 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 = 1 bbl = is rounded up to the next 0.1 bbl.

Calculated volume = 15.3 bbl ------ Reported volume = 16 bbl Exemples: Calculated volume = 0.35 bbl ...... Reported volume = 0.4 bbl Calculated volume = 0.01 bbl ----- Reported volume > 0.1 bbl

If herever this estimation road is not applicable please refer to paragraph be (Deviations) of the AV procedure to use appropriate steps for volume estimation, record the calculation in a plain sheet of paper and attach to the HV 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 at therefore recommend that the site be closed out	nd JIT
ii.	Investigation of the incident site showed that there is residual impact on site requiring further works	<b>5</b>

#### 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□

Tick as applicable

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f. Appendix 1: Overview sketch of the site

