JOINT INVESTIGATION VISIT (JIV) REPORT

(Note: As practicable as possible the field report is to be signed in the field by all the participating parties)

1.Incident Reference Number: 2016/NL/LAR/007/013.

2. Name of Facility/Location: MGBEDE 8SS WELL HEADS @ MGBEDE COMMUNITY.

3. State: RIVERS. **4. LGA** ONELGA.

5.Type of Incident: *(Indicate ✔ where appropriate and X where not applicable)*

1. Crude Oil Spill ☒
2. Product Spill (Specify) ☒
3. Drilling Mud/Chemicals Spill ☒
4. Fire ☐
5. Others (specify) ☐

6.Details of Incident

i. Date of Incident: 3RD APRIL, 2016

ii. Date Reported to the Regulators: 4TH APRIL, 2016

iii. Date/Period of First Investigation: 11TH APRIL, 2016.

iv. Date/Period of Second/Subsequent Investigation:

v. Time of Inspection:

vi. Cause of Incident *(Indicate ✔ where appropriate and X where not applicable)*

1. Corrosion ☒
2. Equipment Failure ☒
3. Human Error (Production/Maintenance) ☒
4. Third Party Interference ☐
5. Operational Error ☒
6. Mystery Spill ☒
7. Others (Specify) ☒

Visual: (a) Hole Position – 12 O' Clock ☐ 1 O' Clock ☐ 2 O' Clock ☐
3 O' Clock ☐ 4 O' Clock ☐ 5 O' Clock ☐ 6 O' Clock ☐

(b) Hole Geometry – Regular ☐ Irregular ☐

(c) Hole formed by – Sawing ☐ Drilling ☒ Blasting ☒ Acid ☒ Corrosion ☒

UTM Results (a) Around Leak: i. _____ ii. _____ iii. _____ iv. _____
(b) 20 cm LHS i. _____ ii. _____ iii. _____ iv. _____
(c) 20 cm RHS i. _____ ii. _____ iii. _____ iv. _____

Leak point cross section: 12.00.....3.00.....6.00.....9.00.....

Pipe schedule Maximum ..... Minimum .....

Additional description of cause of incident (if any): UNKNOWN PERSON(S) REMOVED THE FLOWLINE NEEDLE VALVE, INFLICTED HACKSAW CUT ON THE FLOWLINE AND SET THE FACILITY ON FIRE.

7.Coordinates of Spill Point/Location(s): (i) ---N-05°27'32.3, E-006°41'31.2

(ii)..... **(iii)**.....

Original (White): **NAOC**	1st Copy (Green): **DPR**	2nd Copy(Yellow): **NOSDRA**
3rd Copy (Pink): **State MEnv**	4th Copy (Blue): **Community**	

8. **Brief Description of Circumstances Around Spill Point(s)** *(Please indicate containment measures put in place, point of breach along pipeline and any necessary details observed at site. Attach additional sheets if necessary)*

= THERE WAS EVIDENCE OF FIRE INCIDENT.

9. **Delineation of Impacted Area:** *(Indicate ✔ where appropriate and X where not applicable)*

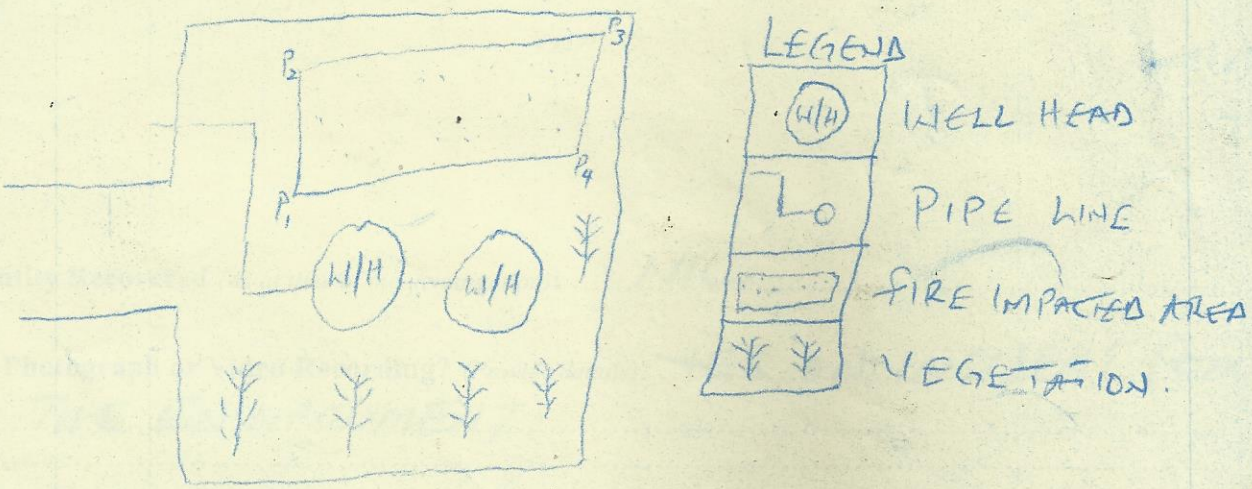
a. Within company's facilities/ROW ☐

b. Outside company's facilities/ROW ☐

10. **Description of Environment Around Spill Point/Location(s):** *(Indicate ✔ where appropriate and X where not applicable)*

1. Land ☐✔
2. Seasonal Swamp ☐X
3. Swamp ☐X
4. Coastland ☐X
5. Inland waters ☐X
6. Near shore ☐X
7. Offshore ☐X

Please provide a graphic sketch of spill site/leak point *(Detailed sketches and maps can be attached where necessary)*



Imparted Area Boundry Coordinates (if more, print and attach as an appendix

S/N	Northing	Easting
P_1	05°22'23.3	006°41'31.1
P_2	05°22'23.3	006°41'31.4
P_3	05°22'23.8	006°41'31.6
P_4	05°22'23.6	006°41'31.1

S/N	Northing	Easting

Original (White): **NAOC**	1st Copy (Green): **DPR**	2nd Copy(Yellow): **NOSDRA**
3rd Copy (Pink): **State MEnv**	4th Copy (Blue): **Community**	

11. Property Impacted *(Provide details)*

N/A.

12. Communities Impacted

a) MGBEBE
b)
c)
d)
e)

13. Estimated Quantity Spilled (bbls): ..... NIL .....

(Please provide below, the methodology used, standards adopted and any assumptions made in the estimate. Where relevant, make brief comments on quantities unaccounted for. Attach and endorse additional sheets if necessary)

14 Quantity Recovered *(As at time of the investigation)*: ..... NIL .....

15. Any Photograph or Video Recording? *(Provide details)*: ..... YES ON INCIDENT POINT AND THE ENVIRONMENT. .....

16. Additional Comments/Remarks, if any:

— PLEASE INTENSIFY SURVEILLANCE TO AVOID RE-OCCURRANE.

— REPAIR THE AFFECTED FACILITY.

Original (White): **NAOC**	1st Copy (Green): **DPR**	2nd Copy(Yellow): **NOSDRA**
3rd Copy (Pink): **State MEnv**	4th Copy (Blue): **Community**	

17. Participants

- **Governmental Agencies**

i.	**DPR**	.....	**Sign:** .....
ii.	**NOSDRA**	KOMS ABAM	**Sign:** 11/04/2016
iii.	**SMEnv.**	ORDU JAMES	**Sign:** 11/4/16

- **NAOC**

i.	**HSE**	JOHNSON LUCKY	**Sign:** 11/04/16
ii.	**PAF**	Chukwu Clinton	**Sign:** 11/04/16
iii.	**CRV**	.....	**Sign:** .....
iv.	**MTN**	GEORGEWILL BIBO T.	**Sign:** 11/04/16
v.	**OPS**	NTOWCKE ETINIMA	**Sign:** 11/04/16
vi.	~~**OTHERS**~~ SURV.	AJAJI SAMSON (ZIG INFO)	**Sign:** 11/04/16

- **Community**

i.	**Name:**	ONWUNADI JOSEPH	**Sign:** 11/04/2016
ii.	**Name:**	.....	**Sign:** .....
iii.	**Name:**	.....	**Sign:** .....
iv.	**Name:**	.....	**Sign:** .....
v.	**Name:**	.....	**Sign:** .....
vi.	**Name:**	.....	**Sign:** .....

Dated this ..... 11TH ..... **Day of** ..... APRIL ..... **20** ..... 16 .....

Original (White): **NAOC**	1st Copy (Green): **DPR**	2nd Copy(Yellow): **NOSDRA**
3rd Copy (Pink): **State MEnv**	4th Copy (Blue): **Community**	