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REPORT OF JOINT INVESTIGATION VISIT BY NOSDRA, NAOC, BAYELSA STATE MINISTRY OF ENVIRONMENT AND COMMUNITY AT 6" OTUOMO/OGBOINBIRI FLOW LINE @ OGBOSUWARI IN EKEREMOR LGA OF BAYELSA STATE.

INTRODUCTION

Acting on your directives on NAOC request, later sent in on the 4th of May 2015, a Joint Investigation Visit (JIV) was conducted at the 6" Otuomo/Ogboinbiri Flow Line at Ogbosuwari Community in Ekeremor Local Government Area of Bayelsa State on the 30th of April, 2015 at about 12:15Hrs. The investigation was completed successfully on the 1st of May, 2015. This report provides details.

INCIDENT PARTICULARS:	2015/SAR/117/165
FACILITY AFFECTED:	6" OTUOMO/OGBOINBIRI GAS FLOWLINE @ OGBOSUWARI COMMUNITY IN EKEREMOR LGA OF BAYELSA STATE.
DATE OF SPILL:	30/04/2015
DATE OF INSPECTION:	30/04/2015 & 01/05/2015
CAUSE OF SPILL:	Equipment Failure (Failed Welded Joint) (See Fig.1a & b)
QUANTITY OF CRUDE OIL SPILLED:	N/A (Gas)
QUANTITY OF CRUDE RECOVERED:	Nil
SPILL POINT COORDINATES:	N 04° 57' 36.4" E 005° 56' 00.7"
NATURE OF IMPACT:	Within & Out of ROW. (See Fig.2a & b)
INVESTIGATION TEAM:	
1. Koms Abam	NOSDRA
2. Itekere Samuel	NAOC (HSE)
3. Otunba Obey Akinlaja	NAOC (PAF)
4. Umoren Akpan	NAOC (CRV)
5. Ebidau Leigha	BAYELSA STATE MINISTRY OF ENVIRONMENT
6. Chief Owezitagha Govt	OGBOSUWARI COMMUNITY
7. Patrick Asuobogha	OGBOSUWARI COMMUNITY
8. Gbagbegha Clever	OGBOSUWARI COMMUNITY

OBSERVATIONS:

1. The Gas Spill occurred on Land within NAOC ROW & the adjoining Environ (See Fig. 2a & b).
2. Gas Spill as we know cannot be quantified but the effect could be seen on the Vegetation (See Fig. 2b) and may have also mixed-up with the Stream that is a source of drinking water for the farmers, which obviously could change the Chemistry of the water and pose danger to the health and wellbeing of the Community (See Fig. 3a & b).
3. The Area also showed evidence of Condensate Impact, which we were made to understand came from the previous Spill for which the welded joints failed (See Fig. 4a & b)
4. The Gas Flow Line was buried just about one and a half feet (1 & 1/2ft) deep (See Fig. 4a & b). This could easily give room to sabotage on the line.

5. The Vegetation is a Transition Zone with a mixed population of Raffia Palms, Oil Palms, Climbers and Economic Trees (See Fig. 2b).
6. The Spill Point was at 5 – 6 O'clock position (See Fig. 1a & b).

ISSUES OF CONCERN - FEED BACK

1. It was a failed previously welded joint and from inquiries, we were made to understand that, that job was done at night and in a hurry. I believe the Contractor was trying to catch up with time; this may have led to the bad job they did which failed after a short period. The distance by boat from Ogboinbiri to Okumbiri was 1 Hour 30 Minutes and from Okumbiri to Ogbosuwari Community by Motor bikes through a bush path and muddy/rough terrain was 3 Hours 30 Minutes, then from Ogbosuwari Community to the Gas Flow Line by foot was 45 Minutes. We ended up completing the job and returning back to Ogboinbiri the next day 1st May, 2015 at about 11.30pm. It was quit rough for all Team Members.
2. NAOC has a habit of leaving their lines active even when JIV and repairs need to be done. The Gas line was not shut down completely and it was not depressurized, which is a risk for the Welder and other Team Members.
3. The Community is totally neglected. No good drinking Water and no School.

RECOMMENDATIONS

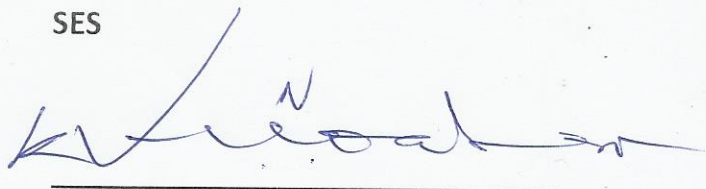
1. Clean-up of the impacted Site should be done quickly.
2. NAOC should not only be concerned with allowing Products to flow through the Pipe Line in other for them to meet Production targets, they should also learn to shut down Lines when the need arises; especially when JIV's and Repair works are to be done.
3. Safety of the JIV Team should be of utmost concern to NAOC.

CONCLUSION

The JIV was successful. This report is subject to your steer and further directives.

Koms Abam

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DATE: 30th April, 2015

Seen
Mrs Igbonke
Igbonke