JIV report S/N:

Nº 0000037

INCIDENT NO: 1438870

(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: 1438870 2. Type of incident* OIL Spill
3. Name of Location 16" Number: - KOLOCREER PIPELINE 4. Name of nearest community ANGIAIMA 5. State: BATH SA 6. LGA SOUTHERN IJANI 7. Type of Production facility/Installation DIL PIPELINE 8. Asset owner/District SPD C B. INCIDENT INFORMATION: Details of incident

a. Date of incident: 8117 JULY 2015

b. Start date/time of investigation: 2201 JULY, 2015 / 10:28479

c. Investigation End date: 220 JULY 2015 Actual investigation duration, days: ONE (1) DAY. 9. Details of incident d. Description of spill point environment Loose soil Recently excavated area DFirm soit Exposed pipe surface □Swampy Under water ☐ DrillRig Well Platform (on Water Additional observations around the spill point:
DURING THE JOINT INNESTIGNATION, JIT FERM MOTICED
BUND WALL AROUND THE SPILL POINT. e. Description of leak point (tick as applicable); ☐ Tear (Hack saw cut Drilled hole Inward dent. ☐ Well head tampering Complete Rupture Failed Clamp, ☐ Missing Pipeline/Flowline Failed Weld-on illegal hot tap valve ☐ Saver-pit over flow ☐ Third party tampering with Clamp Crude oil theft (illegal bunkering) point, ☐ Third party tampering with flange, ☐ Bulging Outward Third party tampering with valve setting Cold vent ☐ Surge vessel overflow, ☐ Flare System/Bund wall failure Accidental 3rd party equipment impact ☐ Relief valve failure ☐ Valve Failure Others(specify) f. Incident caused by: Third party interference (Sabotage \(\mathbb{Z}\);crude theft□; Line theft□; Accidental 3rd party damage□) Others (including Mystery spills) Operational

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

INCIDENT NO: 1438870 JIV report S/N: Nº 0000037 g. Spill point coordinates WGS 84 h. Measuring unit LONG TYDE) Easting: Northing: AT ITUDE) 4.8217 **C. RISK ASSESSMENT** 10. Type of environment: Seasonal swamp □ Water ☐Shoreline/Waterfront □ Land ☐ Swamp Type of environment to which oil has spread: SEASONIAL □ Land Swamp □Water River (identify) ii. Weather condition Dry ☐ Wet □cool □Rain Sunny ☐ Windy □Hot 11. Distance from the nearest sensitive habitat Government reserved and designated protected area MILL 181K.m] Drinking water source 11/4m] ☐ Built up area **Farmlands** Fish Farm/Pond [M///.m] □ Fishing net NIW,m] □ Others (specify). 12. Containment measures put in place; Booms **D**Dyke ☐ Natural depression ☐Pit None Trench Others: [N]13. Any pictures or video coverage? 14. Further response/repair initiated as at the time of JIV? WY [N] If yes to item 14, give brief description; ON GOING. REPAR WORK ACHUMILES [Y] 15. Was there any disruption to the investigation?

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If yes to item 15 give brief description:				190001	
NOT APPLI	ABL.	€.		·	
D. TYPE/NUMBERS OF PROPERTIES,IF 16. Structures / Properties	ANY, FOUNI	WITHIN THE	AREA OF SPR	EAD OF OIL 、	
S/N Type of Structures Description	Size	Number	Com	ments	
NONE WITHIN	ARA	A OF	119P	ne T	
17. Crops/Economic Trees	<u></u>				
S/N Type of crops Young	Medium	Matured	Quantity	Comments	
NONE William	ARC	+ OF	IMPA	1	
18. Fishing Nets/Fish Ponds					
S/N Nets/Ponds Description		Quantity/Size (Comments		
NONE WITHIN	ART	AOF	TRIPI	101	
19. Others (Specify) i.e. Animal Traps					
S/N Others Description		Quantity/Size	Comments		
MONE WITH	nr-	A OF	Triff	4c7	
E. GRAPHIC DESCRIPTION OF LEAK PO the leak report, overview sketch of the site should 10 m OF 16" MMNRIVER	INT (while des	tail report of the appendix 1)	leak point should	t be contained in AT AMGINGA	
wining position of HAC	K SAW	CUT AT		K DAZZIONI.	
	. 4	HACK SAM o'chock 20cm he 8cm e	CHT AT POSITION DUB WITT FFECTIVE	+	
16"	K			16"	

FROM MUHRIVER TO KOLDERECK

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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)

		W45 8	/
S/N	Northing	CIT (OF 1992 C)	Easting (LONGITUDE)
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Gi.	INCIDENT	INFORM	IATION:

- a. Impacted Area Details
 - Total calculated area of impact
 - Impact within R.O.W
 - Impact outside R.O.W
- b. Volume of oil recovered before completion of JIV (V_{recJ}):

Recovered oil V_{reed}:

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

Barrels

Net Estimated Spilled Volume $V_{Est}(bbls)^* =$

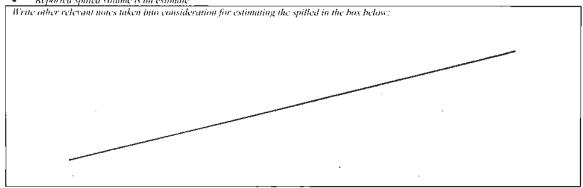
396.72 BARRELS

Barrels

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

*Notes:

- Volume estimation was done using an excel based tool (see attached for details on the calculation)
- Reported spilled volume is an estimate



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 barrels is Volume tin3) 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 valume in less than 1 bbl is counted up to the next 0.1 bbl.

Calculated volume = 15.3 bbl ------ Reported volume = 16 bbl Examples: Calculated volume = 0.35 bbl ------ Repaired volume = 0.4 bbl

Calculated volume = 0.01 bbl ----- Reported volume = 0.1 bbl

Wherever this estimation road is not applicable please refer to paragraph 6. (Decipions) of the HV procedure to use appropriate steps for volume estimation; record the calculation in a plant sheet of paper and attack to the JD-report.

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d. General Status of the sit	d.	General	Status	of the	site
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i.	Joint investigation of the incident site found that there is no residual impact after the initial response a 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: 2
- 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

