JIV report S/N:

INCIDENT NO: 1838972

(Note: As practicable as possible the JIT report is to be signed in the field by all the participating parties) A. GENERAL INFORMATION: 2. Type of incident* OIL SPILL 1. Spill incident Number: 1838972 3. Name of Location AFAM WELL 27T AND 25T FLUNLINE 4. Name of nearest community AMA 7. Type of Production facility/Installation OIL **B. INCIDENT INFORMATION:** Details of incident a. Date of incident: 15 IH APRIL 2017 9. Details of incident b. Start date/time of investigation: 2017 APRIL, 2017 / 12: 14 PM c. Investigation End date: 20 TAPRIL 2017 Actual investigation duration, days: ONE (1) DAT. d. Description of spill point environment Loose soil Recently excavated area ☐Firm soil ☐Under water ☐ Swampy ☐Well Platform (on Water DrillRig Additional observations around the spill point: DURING THE INITIAL SITE INSPECTION BY THE JOINT INNESTIGATION THAM, RECENTILY EXCAMAGED SOIL ON TUP OF CANOPY AND OPEN DITCH WAS OBSTRUCTO e. Description of leak point (tick as applicable); Tear (Hack saw cut Drilled hole ☐ Well head tampering Complete Rupture ☐ Inward dent. 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 □Cold vent ☐ Surge vessel overflow. Relief valve failure Accidental 3rd party equipment impact ☐ Valve Failure Others(specify) f. Incident caused by: ☐ Third party interference (Sabotage☐; crude theft☐; Line theft☐: Accidental 3rd party damage☐) ☐ Operational Others (including Mystery spills)

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

INCIDENT NO: 1838972 JIV report S/N: Nº 1000280

g. Spill point coordina	ites	W	as s	34			
h. Measuring unit Northing:		<u> </u>	<u> </u>	Easting:			
4	84231			7.2	612	9	
		7					
C. RISK ASSESSMEN	 IT						
10. Type of environs	nent:						
Land	Swamp	□wa	ter	Seasona	ıl swamp	Shoreline/	Waterfront
i. Type of	environment to wh	ich oil has	spread:				
Land	☐ Swamp		Water	□Rive	er (identify)		_
ii. Weathe	r condition						
Rain	Sunny (Z Dry	□Wet	□Windy	Hot	Cool	
11. Distance from th	e nearest sensitive	habitat					
☐ Governmen ☐ Drinking wa ☐ Built up are ☐ Farmlands ☐ Fish Farm/F ☐ Fishing net ☐ Others (spec	a Pond	nated prot	ected area	[,. [,. [,. [,	//L,m] //L,m] //L,m] //L,m] //L,m] //L,m]		
12. Containment me	asures put in place:						
B ooms	□Ti	rench l	□Dyke	□Natural	depression	□Pit	□None
Others:							
13. Any pictures or	video coverage?			W	[N]		
14. Further respon	se repair initiated a	s at the tim	ie of JIV?	[Y]			
If yes to item 14, give brief	description:						
- No	APPL	111	BL	· · · · · · · · · · · · · · · · · · ·			
15. Was there any c	lisruption to the inv	estigation)	?	[Y]	(M)		

INCIDENT NO: 1838972 JIV report S/N:Nº 0000280

	If yes	s to item 15 give br	iet descri	ption:						
		MOT	<u></u>	PPLIC	ABLE	<u>.</u>				
		FYPE/NUMBERS 16. Structures / Pro		PERTIES,IF	ANY, FOUNI	WITHIN THE	AREA O	F SPREA	AD OF OIL	
	S/N	Type of Struct		Description	Size	Number		Comme	onte	1
		. Jpc or Struct		Description	BIZE .	Number		Comme		1
	Λ	ONE	19	HA	ARtA	OF	IMI	1 11 C 1	<u> </u>	
]	7. Crops/Econom	ic Trees							l
	S/N	Type of crops	Young		Medium	Matured	Quantit	ty	Comments]
:	1	CAGSANA	レブ				MAX		Imporent By	1
	2	PALMTREE				V	26		SPILLED DIL	
									CRUDE.	1
l				- 		<u>.</u> .				J
]	18. Fishing Nets/Fi	sh Ponds							
	S/N	Nets/Ponds		escription		Quantity/Size	Comment	s		1
			1 1	1	4 0					
	Δ	ONE	N	41HIN	- /1 K	CA OF		1 P/7	7-67	
	٠	 9. Others (Specify	Nia An	imal Trong					_	
	S/N	Others		escription		Quantity/Size	Commen	te		1
	Dill	Cincis		escription	-	Quality/Size	Commen	1.3		
	-\	MALC		THINA	AQC	A AI	SMI	2nc	. 1	
	\rightarrow	1014±	MI	11),,,	/1/20	$n \cup 1$	110	$\mathcal{F} \cap \mathcal{C}$	· /	
	E. G	RAPHIC DESCR	IPTION	OF LEAK PO	DINT (while d	etail report of th	t e leak noin	t should	be contained in	J
ـــر	the le	eak report, overview OF AFAM	y sketch o	f the site should	l be added as a	n appendix 1)			~ ·	
<u> </u>	<u>n, c</u>	OF AFAM	h/fll	277 Ax	1D 957	FLONILINI	E A1	AY	AMA SHO	nlnig
OSITO	<u>พ</u>	OF CRND	011	- THEFT	POMis	AT 120	CLULK	שיים	1111004	
AFA	мµ	HL 275 1	FLOWI	-INE	9	1" E	BALL V BAIL PC	ALVE Dirut	:	
		10"						<u>.</u>	10"	
ATA	m l	NELL 257	Flor	ILINE		=_1"BAL	L VAL	v €) ^ ,,	
		10 1)						<u>J</u> 10"	

INCIDENT NO: 1838972 JIV report S/N: Nº 0000280

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)

		45 84 "
S/N	Northing	Easting
	4.84234	7.26154
	4.84214	7.26136
	4.84236	7.26127
	4.84232	7.26122
	4.84226	7.26128
	4.84231	7.26133
	4.84221	7.26125
	4.84213	7.26102
	4.84212	7.26092
	4.84230	7.26087
	4.84245	7.260 83
	4.84251	7-26093
	4.84251	7.26099
	4.84272	7-26116
		. /
<u> </u>	· · · · · · · · · · · · · · · · · · ·	•

Nº 9000280

INCIDENT NO: 1838972 JIV report S/N:

G. I	INCI	DENT	INFORM	ATION:
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a. I	mpacted	Area	Details
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•	Total calculated area of im	pact <u>0 - 30 HA</u>		
•	Impact within R.O.W	465		
	Impact outside R O W	YES	<u> </u>	

b. Volume of oil recovered before completion of JIV (Vreed):

Recovered oil V_{reej}: N) L. Barrels

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

A/11 Barrels

c. Net Estimated Spilled VolumeV _{Est} (bbls)* =	 -				
5.65 BARRELS					
Estimated Reported Volume** V _{reg} (bbls)= 6 BARRELS					

*Notes:

Volume estimation was done using an excel based tool (see attached for details on the calculation)

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 volume estimation software on site: Conversion of m^t to barrels 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.

Wherever this estimation tool is not applicable please refer to paragraph be (Deviations) of the MV procedure to use appropriate steps for volume estimation; record the calculation in a plain sheet of paper and attack to the MV report.

INCIDENT NO: 1838972 JIV report S/N: Nº 2000280

d. General Status of the site

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

V

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]: 2
- Asset Owner:
- Signatories agree with reported findings:
- Separate DPR form has been filled out with same findings

 ■

Tick as applicable

INCIDENT NO: 1838 972 JIV report S/N: Nº 0000280

f. Appendix 1: Overview sketch of the site

