HEADQUARTERS 1st Engineer Battalion (Rein) 1st Marine Division (Rein), FMF FPO San Francisco, California 96602

> 3/ALN/reh 5750 m. 0105-69 **12 November 1969**

From: Commending Officer

Tor Commanding General, 1st Marine Division (Bein), FMF

Subj: Command Chronology for the Period 1 October 1969 to 31 October 1969

Ref: (a) HOO 5750.2

- PMFPac 5750.8
- Div0 5750.2c

Enel: 1(1) 1st Engineer Battalian Chronology

- Tab: J(a) Operation Pipestone Canyon Hase IV, "A" Co, 1st Engineer's After Action Report
- Tab: (b) Operation Pipestone Canyon Hase V, "A" Co, 1st Engineer is After Action Report
- Tab: V(c) Land Clearing Operations After Action Report "A" Co. 1st Engineering
- 1. In accordance with the provisions of references (a), (b), and (c), enclosure (4) is hereby submitted.

ZE Sull

and by the Director of Corps History and Museums coordence with the provisions 2 MO MER Ser 009D323/232095 of

1979

S & C. FILES HEADQUARTERS 1ST MARINE DIVISION, FMF

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1ST ENG AN

1ST ENGINEER BATTALION

COMMAND CHRONOLOGY

ORGANIZATIONAL DATA

MARRATIVE SUMMARY

PART I

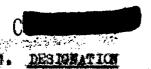
PART II

PÁT III

PART IN

SEQUESTIAL LISTING OF SIGNIFICANT EVENTS

SUPPORTING DOCUMENTS



PART I ORGANIZATIONAL DATA

COMMADDER

1st Engineer Battalion

Lecol R. E. SMITH

31 Jul 69-Present

SUBJORD DATES TO THE

Support Company Maj F. J. COX JR. 21 Jul 69-Proceedings of the Company "A" (Rein) Company "A" (Rein) Company "C" (Rein) Company "A" (-), 5th Engr. Bn. 1 stlt J. L. REDIFER 2 Company "A" 2 Lication 1 st Engineer Estation (Rein) 2 1 Aug 67-Present Danang, RVE Company "A" Company "A" 2 2 Aug 68-Present Company "B" Company "B" Company "B" Company "C" Company "A" Company "C" Company "A" Company "C" C			
Company "A" (Rein) Company "B" (Rein) Company "C" (Rein) Company "A" (+), 5th Engr. Bn. 1stLt J. L. REDIFER 2sCot69-Present Language Battalion (Rein) 21Apr67-Present Company "A" Company "A" Company "A" Company "A" 23Aug68-Present Company "B" Company "B" Company "A" Company "A" Company "B" Company "B" Company "C" Company "A" Company "C" Company "A" Company "C" Company "A" Company "B" Company "	M&S Company (-)		134469-2400169 2400169-Present
Company "B" (Bein) Capt E. C. HEIN JR. 5Mar69 -Free Company "C" (Rein) Capt R. J. GADWILL 75ept69-Free Company "A" (-), 5th Engr. Bn. 1stLt J. L. REDIER 280ct69-Free 2. LCATION 1st Engineer Battalion (Rein) 21Apr67-Fresent Damang, RVN Company "A" Company "A" Company "B" Capt E. C. HEIN JR. 5Mar69 -Free 280ct69-Free Damang, RVN 24Apr67-Fresent Damang, RVN Company "A" Company "B" Company "B" Company "C" 25Aug69-Free Damang, RVN Company "A", 5th Engr. Ru. 28Oct69-Free Executive Officer Maj J. G. CELLI Sect68-50e Sergeant Majer SetMaj J. M. WISE 15Jun69-Free SetMaj J. M. WISE 15Jun69-Free Set/Adjutant 1stld V. D. HIATT 20Dec68-Free	Support Company	Maj P. J. COX JR.	21 Jul 69-Present
Company "C" (Rein) Capt R. J. GADWILL 75ept69-Pres Company "A" (-), 5th Engr. Bn. 1stLt J. L. REBIFER 280ct69-Pres 2. LECATION 1st Engineer Rettalion (Rein) 21Apr67-Fresent Damang, RVN Company "A" 23Aug68-Present Damang, RVN Company "B" Company "G" 26Aug69-Present Damang, RVN Company "A", 5th Engr. Rn. 28Oct69-Present Damang, RVN 3. ETAFF OFFICERS Executive Officer Maj J. G. CELLI Sect68-50e Sergeent Majer Settle V. D. HIATT 20Dee66-Pres Settle V. D. HIATT	Company "A" (Rein)	Capt B. C. S. WORLEY	38ept69-Present
Company "A" (-), 5th Engr. Bn. tatlt J. L. REDIFER 280ct69-Present 2. LECATION 1st Engineer Battalion (Rein) 21Aug67-Present Denang, RVN Support Company 21Apu67-Present Danang, RVN Company "A" 23Aug68-Present Denang, RVN Company "B" 6Aug68- Present Deng Tran, Company "C" 26Aug69-Present Danang, RVN 3. SPAFT OFFICERS Executive Officer Maj J. G. CELLI 280ct69-Present Sergeant Major SgtMaj J. M. WISE 15Jun69-Pres Sergeant Major SgtMaj J. M. WISE 15Jun69-Pres Sergeant Major SgtMaj J. M. WISE 15Jun69-Pres	Company "B" (Rein)	Capt E. C. HEIN JR.	5Mar69 -Freeent
2. LCATION 1st Engineer Battalion (Rein) 21Aug67-Present Demang, RVN Support Company 21Apr67-Present Demang, RVN Company "A" 23Aug68-Present Demang, RVN Company "B" 6Aug68- Present Deng Tran, Company "A", 5th Engr. Rn. 28Ost69-Present Demang, RVN 3. STAFF COFFICERS Executive Cficer Maj J. G. CELI 28Ost69-Present Scates Soct69-Present Sergeent Major SgtMaj J. M. WISE 15Jun69-Present Sergeent Major SgtMaj J. M. WISE 15Jun69-Present Sergeent Major SgtMaj J. M. WISE 20Dee68-Present Scates Present Scates Present Scates Present States V. D. HIATT 20Dee68-Present Scates Present	Company "O" (Rein)	Capt R. J. CADWILL	7sept69-Present
1st Engineer Battalion (Rein) 21Apr67-Present Demang, RVE Support Company 21Apr67-Present Demang, RVE Company	Company "A" (+), 5th Engr. Bn.	istLt J. L. REDIFER	280ct69-Present
Support Company Com Company "A" Company "B" Company "C" Company "C" Company "C" Company "A", 5th Engr. Rn. 28 Oat69-Present Danang, RVN Company "A", 5th Engr. Rn. 28 Oat69-Present Danang, RVN 3. STAFF OFFICERS Executive Officer Maj J. G. CELLI Select68-50er Maj V. M. VINOSKI Soat69-Present Sergeent Major Settaj J. M. VISE 15 Jun69-Pres S-1/Adjutant 1 atla V. D. HIATT 20 Dee66-Pres	2. Levation		
Company "A" Company "B" Company "C" Company "C" Company "A", 5th Engr. Rn. 28 Cot69-Present Dennang, RVN 3. STAFF COFFICERS Executive Officer Maj J. G. CHLI Sergeant Major Sergeant Major Sergeant Major Sergeant Major Sergeant Major Sergeant V. D. HIATT 20 Dec68-Present	1st Engineer Battalion (Rein)	21 Aug 67-Present	Denong, RVN
Company "A" Company "B" Company "C" Company "C" Company "A", 5th Engr. Rn. 28Ost69-Present Denning, RVN 3. SPAFF OFFICERS Executive Officer Maj J. G. CELLI Sergeant Major Sergeant Major Sergeant Major Sergeant Major Sergeant Major 15Jun69-Present 15da69-Present 20Dee68-Present 15da69-Present 20Dee68-Present 15da69-Present		21Apr67-Present	Demang, EVH
Company "C" Z6Aug69-Present Dong Tran, Company "A", 5th Engr. Rn. Z8Out69-Present Danang, RVN 3. STAFF OFFICERS Executive Officer Haj J. G. CHLI Z8Out68-50er Raj W. M. WINOSKI 50et69 -Present Sergount Major SgtMaj J. M. WISE 15Jun69-Pres 5-1/Adjutant 1stMa V. D. HIAFF 20Bee68-Pres		23Aug68-Present	Danangs RVN
Company "A", 5th Engr. Rm. 280st69-Present Danang, RVN 3. STAFF OFFICERS Executive Officer Maj J. G. CHLI 280st68-50st Maj V. M. VINOSKI 50st69 -Present Sergeont Major SgtMaj J. M. VISE 15Jun69-Pres S-1/Adjutant 1stMa V. D. HIATT 20Bes68-Pres	Company "B"	6Ang68- Present	An Hose RVN
3. STAFF OFFICERS Executive Officer Hej J. G. CHLI 280et68-50et Mej V. M. VINOSKI 50et69 - President Mejer SgtMej J. M. VISE 15Jun69-President S-1/Adjutant 1stMa V. D. HIATT 20Bee68-President	Company "Git	26 Aug 6 9- Present	Dong Trees, HVN
Executive Officer Maj J. G. CHLI 280et68-50et Maj V. M. VINOSKI 50et69 - Present Majer SgtMaj J. M. VISE 15Jun69-Present Majer 1944 V. D. HIATT 20Bee68-Present Majer 1944 V.	Company "A", 5th Roge. Ru.	28Cot69-Present	Danang, RVN
Sergeont Major SgtMaj J. M. VISE 15Jun69-Pro: 5-1/Adjutant 1stMa V. D. HIATT 20Dec66-Pro:	3. STAFF OFFICERS		
5-1/Adjutant 1stMt V. D. HIATT 20Bee66-Pres	Amoutive Officer		260et68-50et69 50et69 -Present
	Sergeant Majer	sgtmej J. M. Visk	15Jun69-Present
8-2 Total W. H. Barnetson 14aus69-20Q	S-1/Adjutant	istle V. D. HIATT	20Des66-Present
	8-2	totic s. D. Hanners	14Aug 69-200c169 21 Oc169-28Oc16 9 29 0c169-Prese nt



S-3	Maj w. m. winoski	21 Aug 69-Present
S-4	Maj F. Butsko	1 Aug69 - Present
\$-5	1stLt S. D. HAMMONS	14Aug69-Present
Supply Officer	1stLt C. W. JCHNSON	14Apr69-Present
Communications Officer	1stLt L. D. MEIN 2ndLt H. G. WATKINS	1 Jun69 -2100+69 21 Oct69-Franch
Medical Officer	Lt. R. S. HAXTON	4Aug69 -Present
Engineer Equipment Officer	CWO-2 W. M. CAHLSON 1stLt R. S. MCLAUGHLIN	1Nev68 -200et69 200et69-Present
Utilites Officer	CWO-2 P. W. LINTS	130ct69-Present
Construction Officer	CWO-2 P. W. LINTS	13Ju169-230at69

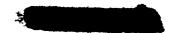
CWO-2 L. B. BOTTS

4. Average Monthly Strength

	usmc		USN	
<u>25</u>		ENL 714	OFF 2	ENL 12

PART II NARRATIVE SUMMARY

- 1. During the month of October 1969, the 1st Engineer Battalion (Reinforced) remained committed to combat engineer support missions of small unit size with four Amfantry regiments. The Battalion also completed 42 Division and 15 Battalion Work Orders and other engineer projects and maintained mine detection and clearing sweeps.
- s. Combat engineer companies, reinforced by elements of the Headquarters and Service Company and Engineer Support Company provided close combat engineer support in unnamed operations, Operation Pipestone Canyon Phase V and Project Duffle Bag. During the reporting period the 1st May incer Battalian continued with construction of protective bunkers and cantonment improvements throughout the 1st Marine Division TAOR.
- b. During the reporting period 2,356,700 meters of road in the 1st Marine Division TAOR were swept for mines by walking sweep teams. Mine sweeps of roads resulted in 23 mines and boobytraps being located and destroyed. In addition, to daily mine detection and clearing sweeps, 23 rough rider compays were supported by combat engineers of this Battalion.



23 Oct 69-Present



- 2. Company "A" provided close combat engineer support to the 1st Marine Regiment. During the period 2h September 1969 through 29 September 1969, Company "A" provided one platoon (-) in direct support of the 1st Battalion, 1st Marine Regiment while engaged in Operation Pipestone Canyon Phase IV. During the period 18 October 1969 through 2h October 1969, Company "A" (-) was in direct support of the 1st Marine Regiment (-) in support of operation Pipestone Canyon Phase V. In addition to operational commitments, Company "A" maintained seven mine detection and clearing sweep teams and one 2man sweep team on Project Duffle Bag. During the reporting period, Company "A" remained committed to cantonment improvements in the 1st Marine Bigiment TACR. After Action Report for Operation Pipestone Canyon Phase IV is submitted as TAB (s) of this report, and After Action Report for Operation Pipestone Canyon Phase V is submitted as TAB (b).
- 3. Company "B" profided close combat engineer support to the 5th Marine Regiment in the form of fourteen 2 man demolition teams. In addition, Company "B" continued bunker construction and cantoment improvements for the 5th Marine Regiment and 2nd Battalion, 11th Marines at the An Hoa combat base. During the reporting period, Company "B" maintained four daily mine detection sweeps.
- L. Company "C" is supporting the 7th Marine Regiment and is currently committed in providing necessary close combat engineer support to the 7th Marine Regiment on unnamed small unit operations in the Que son area. In addition, Company "C" is assisting in the construction of protective bunkers and cantonment improvements in the 7th Marine Regiment's TAGR. Company "C" maintains three daily mine sweep teams.
- 5. Company "A" (-), 5th Engineer Battalion became OFCOM, ADCON to the 1st Engineer Battalian (Rein) on 28 October 1969 and remains in general support of the 26th Marine Regiment. Company "A" (-) established Headquarters at Camp Faulker and is currently in the process of forming the Company Headquarters to include the requisitioning of all T/E items required. Company "A" (-) is committed to bunker construction and cantonment improvement throughout the 26th Marines TAOR. Company "A", 5th Engineer Battalian provided an average of 70 men in close combat engineer support of small unit operations during the reporting period.

PART III SEQUENTIAL LISTING OF SIGNIFICANT EVENTS

1. Personnel

8.	Gains and	Lossess	US	HC	US	N
	Bropped: Joined:		OFF 4 5	13 94	0PF 60 00	00 ENT

b. KIA WIA

2. Intelligence

a. Read and Bridge Recommissance. During the month of October 1969, procedures for mine sweep teams to submit daily reports of road, bridge, and culvert conditions for the routes being swept were continued. Hermal reports were appraised to include information or road, bridge, and culvert conditions in preparation for the impending Monsoon.

b. Weather. During the month of October 1969, the weather was characterized by cloudy skies and heavy rain with an occasional sunny day. Precipitation during during the reporting period totaled 36.60 inches. Temperatures averaged a high of 83 degrees and a low of 74 degrees.

c. Mine Warfare.

(1) A total of 3,400 \$VN was paid to Vietnamese (mostly children) for the following erdnamce:

TEM	QUANTITY	BOOEYTRAPPED
THT Booster	6	
60mm HE		
60mm Illumination round	1	•
Belt of M60 Ammo	1	
1/2 lb of TNT Charge	2	
M26 Grenade	L	
10 1b Bex	1	1
105mm HE	1	
N79 wound	7	
105mm Smoke	i	
losma Illumination	1	
57mm HE	1	

d. Ordnance Destroyed

(1) The following ordnance items were located and destroyed in place ont routine mine sweeps in the 1st Marine Division TACR:

ITIM	QUANTITY		BOOBSTRAPPED
30 lb rock mine, command detenated 60mm HE M79 round M26 gremade	1 8 8		1
Slmm Illum	2		4
Bld Rocket	5		
601b bez mine	1		
Sack w/bieyele parts w/explosives	1		1
60mm 111 um	. 2	•	
81 mm HE	2		2
Smoke Grenade	3	· · ·	
Hand Illum Flare	1		
AP Kine	2		•
COFRAM Round	1		
500 1b Bemb	1		
105mm HE	2		•
5 lb bex mine	1		v
40 1b bex mine	1		





3.n Training.

a. During the month of October 1969, a total of 496 students attended the (3) day Demolition Land Mine Warfare, and Viet Cong Bookytrap School. In addition, 302 Harines received the special one day classes taught by the Mobile Instruction Team. Attendance for the priod covered is as follows:

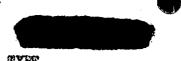
UNIT	ATTERDANCE
lst Battalion, 1st Marines 2nd Battalion, 1st Marines 3rd Battalion, 1st Marines 1st Battalion, 1st Marines 2nd Battalion, 1st Marines 3rd Battalion, 1st Marines 1st Battalion, 5th Marines 2nd Battalion, 5th Marines 3rd Battalion, 5th Marines 1st Battalion, 5th Marines 1st Battalion, 7th Marines 1st Battalion, 26th Marines 2nd Battalion, 26th Marines 1st Battalion, 26th Marines 1st Bagineer Battalion 7th Engineer Battalion 1st Recon Battalion 3rd Recon Battalion 9th Motor Transport Battalion 1st Shore Party Battalion	54 13 13 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16
HQ, 1st Infantry Brig. 1st Australian Task Force 177th Armor	5 6 1

b. Mobile Instruction Team Attendance

<u>unit</u>	ATTENDANCE
1st Marine Division Schools 3rd Battelion 1st Marines	52 250
New Department 784 -off 1999	279

4. Operations.

Land Clearing Operation: During the period 24 October 1969 through 29 October 1969, a Land Clearing/Search and Destroy Operation was conducted by the 1st Battalion, 1st Marine Regiment in conjunction with the ROKMC in grid squares BT0663 to BT0964. Engineer support consisted of Company "A", 1st Engineer Battalion, providing one Engineer Officer and one squad reinforced with two TD-18 L.F. tractors, and operators, one machanic and one Equipment Chief from Engineer Support Company, one radio operator and one Corpumen from RAS Company. Additional support was provided by 11th Marines with three TB-18 L.F. tractors, and three operators. During the land clearing Operation, a total of 236,000 square meters of land was cleared and 1h0 bunkers were destroyed. Ordnance destroyed is listed below. Land Clearing Combat After Action Report is submitted as Tab (c) of this report.



TYPE	CUANTITY	JOONYTRAP PED
105me HB	4	The state of the s
155mm RE M79 round	4	· Van.
60mm HB	1	
Simm Illumination 250 lb Bomb		
175mm HB		1
8" How Round Box mine		4
M26 Grenade	2	

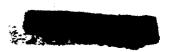
- b. <u>Operation Pipestone Canvon Base W</u>. During the period 24060GH September 1969 to 29180GH September 1969, Company "A" provided one plateon (-) in direct support of the let Battelion, 1st Merine Regiment during Operation Pipestone Canyon Base IV. Results of this action are submitted as Combat After Action Report, Tab (a) of this report.
- c. Operation Pipestone Canyon Phase V. During the period 180730H October 1969 to 211436H October 1969, Company "A" provided one platoon (-) in direct support of the 1st Marine Regiment, during Bhase V of Operation Pipestone Canyon. Support consisted of special road sweep teams and demolition teams. 1st Platoon, 1st Bridge Company provided support in the installation of three 40 ft. pontoon foot bridges for the purpose of crossing the Yen Ne River, gridesquare A19766. During the eperation Company "A" destroyed 24 family bunkers, and one heinforced 20'x40' concrete building. Ordnance destroyed is listed below. Operation Pipestone Canyon Phase V Combat After Action Report is submitted as Tab (b) of this report.

TYPE	QUAPPITY	BOOBYTRAPFED
B40	2 1 1 1 2	

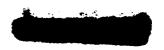
5. <u>Water Supply</u>. During the month of Cotober 1969, the let Engineer Battalion operated thirteen water points which produced 6,863,000 gallons of potable water for units throughout the 1st Marine Division TAOR. In addition, a total of 363,000 gallons of non-potable water was produced.

6. Construction.

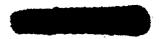
- a. The following 42 Division Work Orders were completed during the month of October 1969.
- 1. D454-69. Completed 27 October 1969. Construct mount out boxes.
- 2. D600-69. Completed 27 Cotober 1969. Provide (1) 580 Case tractor w/backhoe and operator for period of one weekto 5-4, MG-16.



- 3. D602-69. Completed 27 October 1969. Provide angle dozen with operator for a period of 7 days.
- 4. D594-69. Completed 27 October 1969. Inspect and remain CCC bunker as necessary.
- 5. D572-69. Issue (3) 10x24x8 bunkers. Completed 27 October 1969.
- 6. D595-69. Completed 27 October 1969. Draw and construct (1) tent deck and from 16x32.
- 7. D574-69. Completed 27 October 1969. Install & sulvert drainage ditch.
- 8. D411-69. Completed 27 Catabar 1969. Construct 220 mount out beres for 3/26.
- 9. B463-69. Completed 27 October 1969. Cometruct 20 field range packing crates.
- 10. D585-69. Completed 26 October 1969. Repair water storage tank .
- 11. D560-69. Completed 30 October 1969. Replace ladder on "B" Section tower.
- 12. D522-69. Completed 30 October 1969. Provide and construct (3) SEA huts w/drains
- 13. \$559-69. Completed 2 October 1969. Issue (1) precut 8*x12*x8* bunker deliver to lat Recon Hill 146.
- 14. B475-69. Completed 3 October 1969. Issue (2) bunkers (1) 20'x32'x8' and (1) 10'x24'x8' w/flooring and lighting kit.
- 15. D547-69. Completed 5 October 1969. Construct display case for CG, let MarDiv.
- 16. D504-69. Completed 9 October 1969. Construct and hang (12) screen doors at messhall 3/26.
- 17. D497-69. Completed 9 October 1969. Issue and construct (4) SEA hute 16'x32'.
- 18. D502-69. Completed 12 October 1969. Construct (1) 12 x14 Generator Shed.
- 19. 3556-69. Completed 12 October 1969. Construct (1) 18'x16' garbage shed.
- 20. D350-69. Completed 12 October 1969. Issue 7 urinoils (4) 4 hele heads & (2) 2 hole heads.
- 21. D538-69. Completed 12 October 1969. Issue 200 pieces MBA-1 matting.
- 22. D554-69. Completed 12 October 1969. Pour 10'x15' concrete slab in Sgt's mess.
- 23. D461-69. Completed 12 October 1969. Draw materials and provide tech assist for (1) 20'x32' bunker w/deck and lighting package.
- 24. B291-69. Completed 12 October 1969. Issue materials to Service Co., MCDn.



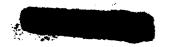
- 25. D578-69. Completed 12 October 1969. Issue (1) 20"x32"x8" bunker w/decking and lighting kit.
- 26. 1964-69. Completed 12 October 1969. Replace 3"x12" decking on (4) 175mm
- 27. D438-69. Completed 13 October 1969. Issue 24 pieces 24" culvert w/bolts.
- 28. D577-69. Completed 14 Cetober 1969. Issue (1) 8'x12'x8' bunker.
- 29. D601-69. Completed 14 October 1969. Issue and deliver (5) sheets 4'x8'x2" makegany plywood to DEC.
- 30. D536-69. Completed 16 October 1969. Construct (1) 2 hole head for Vietnamese mess hall workers.
- 31. D590-69. Completed 16 October 1969. Lesus 12 Blackjack poles 35' long.
- 32. D489-69. Completed 15 October 1969. Provide 4 men w/tools and equipment to plaster exterior wells of BAS Bunker for experimental project.
- 33. D570-69. Completed 17 October 1969. Conduct survey of perimeter lighting end recommend materials required to in stall at Hill 55.
- 34. D580-69. Completed 16 October 1969. Issue (1) 20x32x8 bunker and provide tech assistance Can Ha 2/1.
- 35. D482-69. Completed 11 October 1969. Provide technical assistance for construction of (2) 20'x32'x8' bunkers and (1) 10x24x8 bunkers all w/fldering and lighting kits for let Shore Party, LZ Baldy.
- 36. D607-69. Completed 20 October 1969. Construct (1) shed to house ICD equip. on Hill 200 for 11th Marines, also provide necessary material to renovate bunkers.
- 37. D584-69. Completed 21 October 1969. Pickup materials, prop site and construct (13) tent decks Hill 55 lat Marines.
- 38. D575-69. Completed 24 October 1969. Issue (2) bunkers (1) 10x24x8 and (1) 8x12x8 w/decking and lighting kit for 8x12x8 bunker.
- 39. D612-69. Completed 24 October 1969. Precut and issue materials for (6) G. P. Tents 16x32.
- 40. D563-69. Completed 27 October 1969. Install 2001 24" culvert for drainage.
- 41. D598-69. Completed 27 October 1969. Provide electriciens to determine necessary wiring and fixtures for CCC Bunker.
- 42. D592-69. Completed 27 October 1969. Provide precut and Deliver materials to construct 80 meas tables.



b. Parsonnel and Meterials utilized for above listed Mivision Voit Coders.

Man hours		1 1709	Vetnoils	7	
Equipment hours		13709	Metting	268	pes-
Lamber RF		35235	Carrell Control		yds.
10x24x8 Bunker pkgs		6	Saná	3	lgs.
20x32x8' Busker plags		6	Cement	196	paga
ari 2x8' Bunker Page		2	Roofing Paper	15	rels.
Deck & lighting kits		12	861997A	3	pols.
16x52 SEA butpkes		4	hinges	20	pr.
Tent Becks		13	andbags		S ach
3000 Callon Tarks		2	maile	769	lbe.
Tin, choose		170	door hendles	12	esch
Pipe, asserted		2 8 £t	Mackjack poles (35')	12	each
54" oulvert	56	pieces	drift pins	20	each
24" culvert	127	pieces	400 and fuse box	-	eech.
12" oulvert		pieces	sealant	10	gal.
3/4" plywood	20	sheeto			
* plywood	231	sheeta			

- 6. The following 15 Battalion Work Orders were completed during the month of Ortober 1969.
- 1. B327-69. Completed 2 October 1969. Construct door for SAC Bunker located at Regt. 5-1 and Nigt. S-4 at An Ros CB.
- 2. 3236-69. Completed 5 October 1969. Construct (1) building in MAS Company Area.
- 3. B342-69. Completed 5 October 1969. Commatruet box as shown on drawing.
- 4. 3348-69. Completed 12 October 1969. Replace 30 places tin on heavy equipment and construction building.
- 5. B347-69. Completed 16 October 1969. Cometruct (4) cabinets for let Angr Bm S-1.
- 6. 3349-69. Completed 24 October 1969. Extend present come tech shop to include old Bn. mail room.
- 7. B352-69. Completed 15 October 1969. Issue (2) prightle to MAS Company.
- 8. B351-69. Completed 20 October 1969. Haplace roof on Bldg. 7467 let Bogs Bn.
- 9. 3356-69. Completed 14 Ostober 1969. Issue listed materials to be picked up by requesting unit.
- 10. B350-69. Completed 21 October 1969. Issue & construct (1) 16x32 standard SEA but w/lights, and (1) 16x16 SEA but for billeting.
- 11. B340-69. Completed 22 October 1969. Construct (3) drafting tedles and (1) supply/drawing cebinst.
- 12. 3560-69. Completed 28 October 1969. Come truet and install map beard for Div. C. G.



- 13. 2237-59. Completed 30 October 1969. Construct (4) strongbacks on existing tent decks. (3) cancelled and (1) completed.
- 14. B355-69. Completed 30 October 1969. Replace old plywood on steeple roof and repaint nework and repaint bulletin beard.
- 15. 3143-69. Cancelled 9 October 1969, by 5-3 Officer.

d. Personnel and Materials utilized for above listed Battalion fork Orders.

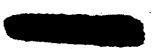
Men hours	4474	Fleriglacs, sheets	2
Equipment hours	11	18" culvert	4
Lamber BF	17251	Urizoila	2
16x32 SEA but w/lights	1	Meils	955 lbs
16x16 SEA hut	1	Soreen	4 rols.
Tin, sheets	384	Comprete	140cu. yd.
3/4" plywood, sheets	69	Cement	10 bege
å" plywood	5%	Ringes	7 peir
Mehogony panelling, sheets	398	Metal Stakes	15 each
		Paint	1 gellon

7. Qivil Affairs/ Civia Action

- a. Buring the month of October 1969, a total of 250 Vietnamese civilians (not resulting from bostile action) patients received medical assistance.
- b. Denated to the people of Son Thuy I during October 1969 were 1000 board feet of somap lumber and one transportation run to Daning for the purpose of procuring rice and other household needs.

PART IV

- Jab (a): Operation Pirestons Canyon Hase IV, "A" Co., 1st Boginser's After Action Report
- Thb (b): Operation Pipestone Campon Base V, "A" Co., 1st Engineer's After Action Report
- Tab (c): Land Clearing Operations After Action Report, "A" Co., ist Engineer's





1st Engineer Battalion 1st Marine Division (Rein) FMF FPO San Francisco California 96602

01:BCSW:fpt 3480 26 Oct 1969

From: Commanding Officer

To: Commanding Officer, 1st Engineer Battalion (Attn: S-3)

Subj: Combat After Action Report

Ref: (a) DivO 3480.1B

1. Code Name: Operation Pipestone Canyon Phase IV

- 2. Dates of Operation: 240600H September 1969 to 291800H September 1969
- 3. Location: Quang Nam Province, Republic of Vietnam, Dodge City Area
- 4. Commanding Headquarters: Commanding Officer, 1st Battalion, 1st Marine Regiment
- 5. Reporting SNCO: SSgt Walter S. HAYES 191 75 18/1371 USMC
- 6. Task Organization: 1st Platoon (-), Company "A", 1st Engineer Battalion
- 7. Supporting Forces: N/A
- 8. Intelligence: The enemy was known to be utilizing the area for bunkers and tunnels for weapons and arms storage, and as a staging area. The entire was suspected to be heavily booby-trapped. Reports stated that approximately a company of sappers were operating in the area.

9. Mission:

- (a) Provide combat engineer support for 1st Battalion, 1st Marine Regiment.
- (b) Destroy bunkers, fortifications, and observe as directed by Commanding Officer, 1st Battalion, 1st Marines.
- 10. Concept of Operation: One engineer demolition team moved with each infantry letter company to provide close combat engineer support.

11. Execution:

(a) 1st Squad (-), 1st Platoon, Company "A", 1st Engineer Battalion moved with Company "A", 1st Bn, 1st Marines on D-day. They moved by vehicle to the vicinity of BT003567 where at 1100 Company "A", 1st Battalion, 1st Marines began sweeping North.

- (5) 2nd Sound (-), 1st Flatoon; Company "A", 1st Engineer Battalion moved with Company "C", 1st Battalion, 1st Morines at 1045 on D-day. They were helilifted with Company "C", 1st Battalion, 1st Marines to the vicinity of BT997604 and began sweeping southeast.
- (c) 3rd Squad (-), 1st Plateur, Company "A". 1st Engineer Battalion moved with Company "D", 1st Battalion, 1st Marrines at 1045 on D-day. They were in the helilifted to the vicinity of BT013604 and began a sweep southwest.
- (d) 1st Platoon, Company "A", 1st Engineer Battalion terminated their support of 1st Battalion, 1st Marines at 1800 on D + 5.

12. Results:

- (a) All of the assigned missions were accomplished. A total of 370 pounds of C-4 were expended.
- (b) The following is a list of ordanance and fortifications destroyed by 1st Platoon, Company "A", 1st Engineer Battalion
 - 1 500 lb bomb
 - 2 250 lb bombs
 - 4 8" rounds IE
 - 9 155 mm rounds IE
 - 6 105 mm rounds HE
 - 2 81 mm rounds HE
 - 14 Box mines (stored in cave)
 - 2 M 72
 - 14 M-79 rounds HE
 - 1 B 40
 - 3 RPG
 - 2 bear traps
 - 1 homemade shape charge
 - 1 homemade mine
 - 3 Chinese Communist grenades
 - 9 M 26
 - 300 .30 cal rounds

Fortifications

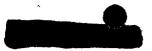
- 2 foot bridges
- 37 bunkers
- 3 caves
- 1 spider hole

Ordanance Booby-trapped

- 3 ammo cans
- 1 trip flare
- 1 smoke grenade (rifle)

13. Administrative Matters:

(a) Engineers carried their own demolitions, and in addition, each rifle squad carried 20 lbs of C-4. They were not resupplied with M-60 fuse lighters as needed.



- (b) W/A
- (c) N/A
- (d) Pransportation: Transportation to the field was by supported units organic motor transport and by holicopter. Transportation from the field was by LVT's and organic motor transport.
- (e) N/A
- (f) N/A
- 14. Special Equipment and Techniques: N/A
- 15. Commanders Analysis: All missions assigned to engineers were accomplished. All company commanders utilized engineers in a correct and safe manner.
- 16. Recommendations: N/A

B. C. S. WORLEY

lst Engineer Battalion lst Marine Division (Rein) FMF FPO San Francisco, California 96602

01:3054DRT 5460 24 October 1969

From: Commanding Officer

To: Commanding Officer, 1st Engineer Battalion (Attn: S-3)

Subj: Combat Operations After Action Report

Ref: (a) DivO 3480.1B

1. Code Name: Pipestone Canyon Phase V

- 2. Date of Operation: 180730H Oct 69 to 211430H Oct 69
- 3. Location; Quang Nam Province, Republic of Vietnam, Dodge City area, East Grid BT00 to West Grid AT97, and South Grid BT58 to North Grid BT61.
- 4. Command Headquarters: Commanding Officer, 1st Marine Regiment
- 5. Reporting Officer: Captain B. C. S. WORLW 08 93 36/1310 USMC
- 6. Task Organization: Company "A" (4), 1st Engineer Bettalion. 1st Platoon, 1st Bridge Company (-).
- 7. Supporting Arms: W/A
- 8. Intelligence: The enemy was using this area to collect rice, using the people as laborers, and their family bunkers for storage and hiding. Several explosions occurred while the huts were being burned by the National Police leading to the conclusion that arms and ammunition were liden in many of the huts.

9. Mission:

- a. Provide compat engineer support for the 1st Marine Regiment (-) (Rein) during sweep and cordon operation.
- b. Destroy all punkers, fortifications, and ordnance located.
- c. Jonduct road sweep of QL 1D South from Goldengate Bridge to the "T" at Route 4, then east on doute 4 to the railroad berm.
- d. Provide demolition team to 3rd Battalion, 1st Marines on call.



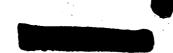


10. Concept of Operation:

One four (4) man demolition team was placed in direct support of each letter company of the 1st Battalion, 1st Marines, and Company "E", 2nd Battalion, 1st Marines during the sweep from east to west in the cordon. One six (6) man sweep team moved with security to conduct a road sweep of Route 1D and Route 4 east to the perm. One two (2) man detector team moved with the amtracs to conduct road sweeps into hamlets. Bridge teams were placed on call with bridges for heli-lift into the area of operation.

11. Execution:

- a. 1st squad, 3rd plateen, Company "A" moved with security from Golden Gate Bridge at 0630 to sweep Route 10 to the "T" at Route 4, and then east on Route 4 to the railroad berm.
- b. 1st squad (-), 1st plateon, Company "A", 1st Engineer Battalion moved with Company "A", 1st Battalion, 1st Harines to L7 in the vicinity of BT 00558h at 0730 on D-day.
- c. 2nd scued (-), 1st platoon, Company "A", 1st Engineer Battalion, moved with Company "B", 1st Battalion, 1st Marines to LZ in vicinity of BT 005581; at 0730 on D-day.
- d. 3rd squad (-), 1st plateon, Company "A", 1st Engineer Battalion, moved with Company "C", 1st Battalion, 1st Marines to LZ in vicinity of BT 005605 at 0730 on D-day.
- e. 1st squad (-), 2nd platoon, Company "A", 1st Engineer Battalion, moved with Company "E", 2nd Battalion, 1st Marine Regiment, to LZ in vicinity BT 005605 at 0730 on D-day.
- f. 1st platoon, 1st Bridge Company moved independently from LZ 486 to three LZ's prepared along Blue Line, running through BT 0259 and 0260 grids at 1400 on D-day, and installed three 40' pontoon foot oridges across the Blue Line. The task was completed at approximately 1530 on D-day.
- g. 1st plateon, 1st Bridge Company, was extracted at 1200 on 3-day + 1 leaving the bridges in place.
- h. A two man detector/demolition team of the 2nd squad, 3rd plateen, moved with a column of amtrace at 1430 on D-day + 1 from the Golden Gate Bridge into the area of operation to clear a path for the amtrace while they were receiving and hauling rice.
- i. 1st platoon, 1st Bridge Company, was reinserted at 0930 on D-day + 4 to remove foot bridges and prepare them for heli-lift out.
- j. 1st platoon, 1st Bridge Dompany, was extracted with their bridges at 1200 on D-day + 4
- k. Company "A" (-), 1st Engineer Bastalion, terminated their support of the operation at 1530 on D-day + 4 and was removed from the area of operation by trucks.



12. Results:

- a. All assigned missions were accomplished. A total of 130 lbs of C-4 was expended.
- b. The following ordnances and fortifications were destroyed.
 - 1. Ordnances:
 - 2 M-26 Grenades
 - 1 B-40 Rocket
 - 2 60mm H. E. Rounds
 - 1 81mm Illumination Rounds
 - 2 + 81mm H. E. Rounds
 - 2 105 H. E. Rounds
 - 1 155 H. E. Rounds
 - 1 80x mine (2 or 3 lbs)
 - 1 Helmet booby trapped with SFD
 - 2. Fortifications:
 - 24 · Family bunkers
 - 1 Reinforced concrete building 20 x 40 (a school house or church)

13. Administrative Matters:

- a. Supply: Engineers carried all of their demolitions with them. Resupply of N-60 fuse lighters was requested by engineer personnel to the infantry company commander with negative results.
- 5. W/A
- C. O/A
- d. Transportation: Transportation to the field was by helicopter. Transportation from the field was by supported units' organic motor transport.
- 4\W .s
- f. WA
- It. Special Equipment and Techniques: The use of pontoon foot bridges were deployed in support of an infantry bettalion while on sweeps. Three pontoon foot bridges were staged at LZ 486 in three lifts with three six-man teams to accompany each lift. The lst Battalion, lst Marine swept up to the 30' wide canal which had been swellen by recent rains. Suitable crossing sites were selected and swimmers but across to provide security for the bridge team. When the security was in position and the LZ's prepared in the vicinity of each of these selected bridge site, the bridges and teams were picked up and helilifted into the prepared LZ's, and construction began immediately. All three bridges were in place within one hour and a half, allowing the infantry to transverse the canal during their initial sweep and as routes of resupply between the C. P. group and forward elements. The installation and extraction of the bridges proved that foot bridges can readily be employed and are quite effective in this type of operation.

- 15. Commanders Analysis: Of the various missions outlined in paragraph 9, all were feasible and accomplished. The engineers could have been utilized more effectively by the infantry company commander. On occasions, engineers were called up to blow something only to find that the infantry demolition teams had already started setting the charges. Twice engineer demolition teams were left without security while they were setting charges in bunkers.
- 16. Recommendations: W/A

B. J. S. WORLEY

COMPANY "A" lst Engineer Battalion lst Engineer Battalion 1st Marine Division (Rein) Fif FPO San Francisco, California 96602

01:BCSw:rlh 3480 5 Nov 1969

240 33 E 4

LINGS (Company of the Control of the

From: Commanding Officer

Commanding Officer, 1st Engineer Battalion (Attn: S-3) To:

物位 计最高级 医高量 医电影神经

Sübj: Combat Operations After Action Report

Ref: (a) Div0 3480.1B

- Code Name: N/A
- Date of Operation: 241200H to 291400H Oct 1969
- Location: Quang Nam Province, Republic of Vietnam, in grid squares 0663 to 0964.
- Commanding Headquarters: Commending Officer, 1st Battalion, 1st Marine Regiment
- Reporting Officer: 2ndLt Emmett A. RATTERMAN 010 91 21/1301 USHC
- Task Organization: 1st plateon (F)(Rein), Company (A), 1st Engineer Battalion consisting of two TD118nLF tractors from 1st Engineer Battalion and three TD 18FIF tractors from 11th Marines. P20 Son Francison, Galligospia 905021
- Supporting Arms: N/A

OtaBdSlamlb Intelligence: The enemy was believed to be using the area as a resupply route for ammunition and troops as well vas a staging area by utilizing the many bunkers located in the area. The

Frome Companding Chunkers were restored family style bunkers in or near the 734 Comparison Cruinscofithe Emphychouses Totate Linothe Sarda. Many of the bunkers had been destroyed on previous operations.

Busja Control Coor The bunkers work constructed of sand and dirt reinforced by logs and corregated tin from the nearby ruins. The Réf: (a) Divo Jappréaches to the area at first gave the impression of

being heavily booby trapped but once in the area few SFD's Sodo Esta Wavere discovered. Some friendly ordnances gave off secondary explosions when blown.

- Date of Operation: 241800 | to 2914001 Oct 1989 |
- locations Quant For Territor, Republic of Victoria, in grid squares · Or St. to words - -
- Compording Readduartors : Commandia Cificar, Dir Battellian, ist immine lio cident

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9. Mission:

- A. Provide combat engineer support for the 1st Battalion (-), (Rein), 1st Marine Regiment during a land clearing/search and destroy operation.
- b. Destroy field fortifications, living areas, and tree lines as designated by the Commanding Officer, 1st Battalion (-), (Rein), 1st Marine Regiment.
- c. Strip clear a 300m wide area from the S. Vinh Dien River to Grid BT 060647
- 10. Concept of Operation:

 One three(3) man demolition team was placed in direct support of each letter company, Companies "A" and "B", lst Battalion, and Company "E", 2nd Battalion, during the operation. The five(5) TD-18 LF tractors cleared the area as designated by the Commanding Officer, 1st Battalion, 1st Marines. One demolition man, a corpsman and a radio operator were placed with the land clearing element.

11. Execution:

- a. Two demolition teams of the 1st platoon, Company "A" moved with Companies "A" and "B", 1st Battalion to Cau Ha combat base at 1000 on D-day.
- b. Two demolition teams of the 1st platoon, Company "A" moved with Companies "A" and "B", 1st Battalion, in their sweep from Cau Ha to the southern boundry of the 1st Marines TAOR at 1200 on D-day.
- 2nd Battalion, 1st Marines at 1030 on D-day + 2 to provide combat support.
- d. The land clearing element consisting two TD-18 tractors moved with the 1st Battalion CP group to establish a base camp in the vicinity of BT 075643 at 1030 on D-day + 2.
- e. The land clearing element moved out with security from Company "B", lst Battalion, 1st Marines at 1300 on D-day + 2 to begin clearing a strip along the blue line in grid square 0663. The land was swampy and only 1200 square meters could be cleared.
- f. The land clearing element was joined by two TD-18 LF's from 11th Marines at 1630 on D-day + 2 bringing the number of tractors to four.
- g. The land clearing element moved out with security from Company "E", 2nd man Battalion, 1st Marines at 0730 on D-day + 3 and began spot clearing buildings, bunkers, and tree lines in grid squares 0763 and 0764.
- h. The land clearing element was joined by one additional TD-18 from 11th Marines at 1530 on D-day + 3, bringing the total number of tractors to five:

Table to the same

a thinking as all land thereon, it was a grant that the



- i. The land clearing element moved out with security from Company "A", lst Battalion, 1st Marines at 0730 on D-day + 4 to spot clear in grid squares 0663, 0763, and 0764.
- j. The land clearing element moved out with security from Company "A", 1st Marines to Cau Ha combat base at 1500 on D-day + 4 where they remained on call until the operation secured on D-day + 5.
- k. The demolition teams in support of the infantry letter companies moved from the field with their supported company as they returned to their battalion area at 1400 on D-day + 5.

12. Results:

- a. All assigned missions were accomplished with the exception of the clearing of a srtip along the north side of the blue line from the Song Vinh Dien River to BT 070635. A total of 200 lbs of C-4 was expended with 100 blasting caps and 500 feet of time fuse.
- b. A total of 236,200 square meters were spot cleared and the following ordnances and fortifications were destroyed.
 - 1. Ordnances
 - 4 105mm H. E. rounds
 - 4 155mm H. E. rounds
 - 2 M-79 rounds
 - 1 60mm H. E. round
- to the 1.81mm illumination round a specific security sizes as percent

 - 1 175mm H. E. round (booby trapped)
 - 1 8" Howitzer round
 - while Ψ Boximine (\mathtt{SFD}) while the following the partition from ϕ , and the ϕ
 - I. .. 2 M-26 frag (SFD). The same time to the top and the first the second and th

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2. Fortifications
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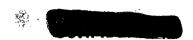
13. Administrative Matters:

- a. Supply: Engineers and infantry units carried domolitions with them.

 They were resupplied on D-day + 4 with demolitions. Diesel fuel was furnished by the supported unit backed up by an emergency diesel fuel supply carried by the engineers.
- b. Maintenance: Maintenance on equipment was accomplished by assigning an equipment mechanic to the land clearing element.

 The engineer's base camp was utilized for daily PM's.
- c. NA





d. Transportation: Transportation to and from the field was by supported units organic motor transport.

e. Communication:
A radio operator moved with the land clearing element and maintained communication with the 1st Engineer
Battalion net. The security for the land clearing element had a radio which was utilized to menitor the supported unit's cmd net.

f. M/A

14. Special Equipment and Techniques:

The equipment employed on the operation were TD-18's. The tractors worked at a minimum of 30 meters apart. The operators wore flak jackets and helmets at all times. The tractors bladed their way through each new area and never utilized the same path cleared the day before, reducing the chances of detonating a mine set by the enemy the night before.

15. Commander's Analysis:

Of the various missions outlined in paragraph 9; all were feasible. Due to the short planning time prior to the commencement of the operation, tractors from other division units were late in arriving at the designated staging area. This caused a loss of valuabilities which resulted in the total mission not being able to be carried out because of the rains after the operation started. Had all of the tractors arrived on time, the area by the Song Vihn Dien could have been cleared before the heavy rain set in on the night of D-day + 2. Throughout the operation, the cooperation was excellent between the engineers and the supported units.

16. Recommendations:

- a. That three to four days notice prior to the beginning of a land clearing operation be given to all personnel involved. This time would be used to properly coordinate for and prepare equipment for use.
- b. At all times, helmets and flak jackets should be worn to reduce the possibility of wounds caused by either explosion or falling debris.

B. C. S. Worley