

U.S. Army Corps of Engineers (USACE)

REPORT OF SUBAQUEOUS DRILLING OPERATIONS

For use of this form, see EM 1110-1-1804; the Proponent agency is CECW-EC

Purpose: The purpose of this form is to document and track underwater drilling activities.

1. DISTRICT		2. PROJECT		3. DATE OR PERIOD (YYYYMMDD)			
4. VESSEL/PILOT/SUB-CONTRACTOR		15. COMMODITIES <i>(operating supplies)</i>		(1) CONSUMED		(2) INVENTORY	
5. WEATHER				6. COORDINATES - ATTACH MAP		(a) UNIT	(b) QUANTITY
7. NO. OF SHIFTS		8. NO. OF PERSONS/SHIFTS		a. FUEL (<i>Coal</i>)	TONS		
9. NAME OF CONTRACTOR				b. FUEL (<i>Oil</i>)	Bbls.		
10. CONTRACT NUMBER		11. CONTRACT PERIOD (YYYYMMDD) THRU		c. LUBRICANTS	Gals.		
				d. LUBRICANTS	Lbs.		
				e. WATER	Gals.		
				f. EXPLOSIVES	Lbs.		
				g. EXPLODERS	No.		
				h. TOTAL (<i>All Commodities</i>) (<i>auto calculated</i>)			
12. WORK PERFORMED				i. EQUIPMENT, SMALL TOOLS AND SUPPLIES			
a. CLASS OF MATERIAL				j. SUBSISTENCE SUPPLIES			
b. NUMBER OF HOLES DRILLED (<i>Number</i>)				NOTE: INVENTORY SPACE MUST BE FILLED IN ON THE LAST DAY OF EACH MONTH AND ALSO ON THE REPORT MADE UPON COMPLETION OF EACH JOB.			
c. SPACING OF HOLES (<i>Feet</i>)				16. LABOR			
d. AREA BLASTED (<i>Square Feet</i>)				ITEM		(1) HOURS	(2) MIN.
e. LINEAR FEET DRILLED (<i>Feet</i>)				a. SETUP (<i>new location</i>)			
f. AVERAGE DEPTH OF HOLES (<i>Feet</i>)				b. DRILLING			
g. DEPTH BELOW GRADE (<i>Feet</i>)				c. SETUP FOR BLASTING (<i>loading, etc.</i>)			
13. DESCRIPTION OF DRILLS				d. REPAIR/MAINTENANCE			
a. NUMBER OF DRILLS				e. STANDBY TIME			
b. DRILL MAKES/MODELS				f. TOTAL (<i>auto calculated</i>)			
c. TYPE OF DRILLING (<i>hydraulic, pneumatic, sonic, etc.</i>)				g. PERCENTAGE OF TOTAL TIME (%)			
d. DRILL ROD SIZE AND TYPE				17. SAFETY ISSUES			
e. CASING DIAMETER/MATERIAL/LENGTH							
f. DRILLING MEDIUM (<i>air, water, mud, etc.</i>)							
g. DRILLING LAYOUT (<i>attach sketch</i>)							
14. PLANT AND EQUIPMENT							
a. ITEM	b. NAME OR NUMBER	c. HOURS					

18. REMARKS (sequence of activities, deviations from approved plan, unanticipated events, etc.)

20a. SUBMITTED BY NAME AND TITLE (*Last, First MI*)

b. DATE (YYYYMMDD)

c. SUBMITTED BY SIGNATURE

NOTE: TO BE FILLED IN WHEN SUBMITTING MONTHLY AND ANNUAL REPORTS TO THE OFFICE OF THE CHIEF OF ENGINEERS.

21. ITEMS	(a) COST
a. PAYROLLS (<i>gross</i>)	
(1) LESS SUBSISTENCE AND QUARTERS	
b. SUBSISTENCE	
c. FUEL: (1) QUANTITY (<i>Bbls, tons, etc.</i>)	
(2) UNIT PRICE	
d. WATER	
e. EXPLOSIVES	
(1) TYPE	
(2) POUNDS PER HOLE, AVERAGE	
f. EXPLODERS	
g. LUBRICANTS	
h. PLANT RENTAL	
i. INSURANCE	
j. ATTENDANT PLANT	
k. MISCELLANEOUS	
l. ROW TOTALS ($e + f + g + h + i + j + k$)	
m. TOTAL FIELD EXPENSE SURVEYS, SUPERINTENDENCE, OFFICE EXPENSES, ETC.,	
n. TOTAL COST	
o. OPERATING COST PER MINUTE AT WORK (<i>based on effective plus non-effective time</i>)	
p. DATA FROM PLANT COST AND RENTAL LEDGERS	
(1) BOOK VALUE	(2) DATE (YYYYMMDD)
q. BALANCE IN PLANT RENTAL ACCOUNT	
ANNUAL (1) ADDITIONS AND BETTERMENTS TO VESSEL	
(2) COSTS CHARGED TO PLANT RENTAL:	
(3) DEPRECIATION	
(4) CESSATION OF WORK	
(5) REPAIRS TO HULL	
(6) REPAIRS TO MACHINERY	
(7) SMALL TOLLS, ROPE, ETC.,	
r. TOTAL ($q + (1) + (2) + (3) + (4) + (5) + (6) + (7)$)	
s. PAGE TOTAL	

22. REMARKS