	F	REPORT OF	SUBAQUEOL	Engineers (USACE) JS DRILLING OPER 304; the Proponent agency	ATIONS					
	Purpo	se : The purpose of	this form is to doc	ument and track underwa	ter drilling	activities.				
1. DISTRICT 2. PROJECT				3. DATE OR PERIOD (YYYYMMDD)						
4. VESSEL/PILOT/SUB-CONTRACTOR				15. COMMODITIES (operating supplies)	(1) CONSUMED (a) (b)		(2) INVENTORY (a) (b)		(b)	
5. WEATHER		6. COORDINATES - ATTACH MAP		a. FUEL (Coal)	UNIT TONS	QUANTITY	QUAN	ΠΤΥ	VA	ALUE
7. NO. OF SHIFTS 8. NO.		OF PERSONS/SHIFTS		b. FUEL <i>(Oil)</i> c. LUBRICANTS	Bbls. Gals.					
9. NAME OF CONTRACTOR				d. LUBRICANTS e. WATER	Lbs. Gals.			_		
10. CONTRACT NUMBE	R 11. CC	NTRACT PERIOD (YYYYMMDD) THRU		f. EXPLOSIVES g. EXPLODERS	Lbs. No.					
	12. WORK F	PERFORMED		h. TOTAL (All Commodities) (auto calculated) i. EQUIPMENT, SMALL TOOLS AND SUPPLIES						
a. CLASS OF MATERIAI	-			j. SUBSISTENCE SUPF NOTE: INVENTORY SP EACH MONTH A	ACE MUS					
b. NUMBER OF HOLES	DRILLED (N	lumber)					ACH JOE	3.		
c. SPACING OF HOLES	(Feet)				16	. LABOR		(4)		(0)
d. AREA BLASTED (Squ	are Feet)			_	ITEM			(1) HOUR	s	(2) MIN.
e. LINEAR FEET DRILLE	ED (Feet)			a. SETUP (new location)					
f. AVERAGE DEPTH OF	HOLES (Fe	eet)		b. DRILLING						
g. DEPTH BELOW GRA	DE <i>(Feet)</i>			c. SETUP FOR BLASTI	NG (loadir	ng, etc)				
13.	DESCRIPT	ION OF DRILLS		d. REPAIR/MAINTENAM	ICE					
a. NUMBER OF DRILLS				e. STANDBY TIME						
b. DRILL MAKES/MODE	LS			f. TOTAL (auto calculated)						
c. TYPE OF DRILLING (A	hydraulic, pr	neumatic, sonic, etc.))	g. PERCENTAGE OF T	OTAL TIM	E (%)				
d. DRILL ROD SIZE AND	D TYPE				17. SAF	ETY ISSUES	S			
e. CASING DIAMETER/	MATERIAL/L	ENGTH								
f. DRILLING MEDIUM (a	air, water, m	ud, etc.)		-						
g. DRILLING LAYOUT (a	ttach sketch)								
14	. PLANT AN	D EQUIPMENT								
a. ITEM	NAM	b. E 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

a. PAYROLLS (gross) (1) LESS SUBSISTENCE AND QUARTERS 5. SUBSISTENCE 6. FUEL: (1) QUANTITY (Bbis, fons, etc.,) (2) UNIT PRICE 6. WATER 6. EXPLOSIVES (1) TYPE (2) POUNDS PER HOLE, AVERAGE 1. EXPLODERS (1) TYPE (2) POUNDS PER HOLE, AVERAGE 1. EXPLODERS (1) LUBRICANTS 1. EXPLODERS (1) LUBRICANTS 1. EXPLODERS (1) INSURANCE (1) INSURANCE (1) INSURANCE (1) INSURANCE (1) INSURANCE (1) INSURANCE (2) COTTALS (<i>a</i> + <i>b a</i> + <i>i</i> + <i>j</i> + <i>k</i>) 1. TOTAL COST 2. OPERATING COST PER MINUTE AT WORK (2) DATA FROM PLANT COST AND RENTAL LEDGERS (1) BOOK VALUE (2) DATA FROM PLANT RENTAL ACCOUNT (3) DEPREVIENTS TO VESSEL (2) COSTS CHARGED TO PLANT RENTAL: (3) DEPREVIENTS TO VESSEL (2) COSTS CHARGED TO PLANT RENTAL: (3) DEPREVIENTS TO VESSEL (3) GEPARES TO MULL (4) CESSATION OF WORK (5) REPAIRS TO MORINERY (7) SMALL TOLLS, ROPE, ETC., 7. TOTAL (<i>a</i> + (<i>1</i>) + (<i>a</i>) + (<i>b</i>) + (<i>b</i>) + (<i>f</i>) / (<i>j</i>) (5) PAGE TOTAL (2) COST			21. TEMS	(a) COST
b. SUBSISTENCE	a. F			
d. WATER e. EXPLOSIVES (1) TYPE (2) POUNDS PER HOLE, AVERAGE f. EXPLODERS g. LUBRICANTS h. PLANT RENTAL LINSURANCE g. LUBRICANTS h. PLANT RENTAL LINSURANCE J. ATTENDANT PLANT K. MISCELLANEOUS LI ROW TOTALS (<i>a</i> + <i>f</i> + <i>p</i> + <i>i</i> + <i>j</i> + <i>k</i>) m. TOTAL FIELD EXPENSE SURVEYS, SUPERINTENDENCE, OFFICE EXPENSES, ETC., n. TOTAL COST 0. OPERATING COST PER MINUTE AT WORK (Dasad on effective plus non-effective time) p. DATA FROM PLANT COST AND RENTAL LEDGERS (1) BOCK VALUE (2) DATE (YYYMMDD) (3) DEPRECIATION (3) DEPRECIATION (4) CESSATION OF WORK (5) REPARS TO HULL (6) REPARS TO HULL (7) SMALL TOLLS, ROPE, ETC., T. TOTAL (<i>q</i> + (<i>1</i>) + (<i>2</i>) + (<i>3</i>) + (<i>4</i>) + (<i>5</i>) + (<i>6</i>) + (<i>7</i>) S. PAGE TOTAL	(1) LESS SUBSISTENCE AND QUARTERS		
(2) UNIT PRICE	b. S	UBSISTENCE		
d. WATER e. EXPLOSIVES (1) TYPE (2) POUNDS PER HOLE, AVERAGE f. EXPLODERS g. LUBRICANTS h. PLANT RENTAL LINSURANCE g. LUBRICANTS h. PLANT RENTAL LINSURANCE J. ATTENDANT PLANT K. MISCELLANEOUS LI ROW TOTALS (<i>a</i> + <i>f</i> + <i>p</i> + <i>i</i> + <i>j</i> + <i>k</i>) m. TOTAL FIELD EXPENSE SURVEYS, SUPERINTENDENCE, OFFICE EXPENSES, ETC., n. TOTAL COST 0. OPERATING COST PER MINUTE AT WORK (Dasad on effective plus non-effective time) p. DATA FROM PLANT COST AND RENTAL LEDGERS (1) BOCK VALUE (2) DATE (YYYMMDD) (3) DEPRECIATION (3) DEPRECIATION (4) CESSATION OF WORK (5) REPARS TO HULL (6) REPARS TO HULL (7) SMALL TOLLS, ROPE, ETC., T. TOTAL (<i>q</i> + (<i>1</i>) + (<i>2</i>) + (<i>3</i>) + (<i>4</i>) + (<i>5</i>) + (<i>6</i>) + (<i>7</i>) S. PAGE TOTAL	c. F	UEL: (1) QUANTITY (Bbls, tons, etc.,)		
e. EXPLOSIVES (1) TYPE (2) POUNDS PER HOLE, AVERAGE (2) POUNDS PER HOLE, AVERAGE (2) POUNDS PER HOLE, AVERAGE (3) DEPREMATION (4) CESSATION OF WORK (5) REPAIRS TO MACHINERY (7) SMALL TOLLS, ROPE, ETC., (1) HOLE (2) (4) + (5) + (6) + (7)) (5) REPAIRS TO MACHINERY (7) SMALL TOLLS, ROPE, ETC., (1) HOLE (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)		(2) UNIT PRICE		
(1) TYPE	d. V	ATER		
(2) POUNDS PER HOLE, AVERAGE	e. E	XPLOSIVES		
I. EXPLODERS		(1) TYPE		
g. LUBRICANTS h. PLANT RENTAL i. INSURANCE i. INSURANCE i. ATTENDANT PLANT k. MISCELLANEOUS I. ROW TOTALS (<i>e</i> + 1 <i>i g</i> h <i>h i i j</i> + <i>k</i>) TOTALS (<i>e</i> + 1 <i>i g</i> h <i>h i i j</i> + <i>k</i>) I. ROW TOTALS (<i>e</i> + 1 <i>i g</i> h <i>h i i j</i> + <i>k</i>) TOTAL FIELD EXPENSE SURVEYS, SUPERINTENDENCE, OFFICE EXPENSES, ETC., I. TOTAL COST 0. 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) (3) DEPRECIATION (3) DEPRECIATION (4) CESSATION OF WORK (5) REPAIRS TO MULL (6) REPAIRS TO MULL (7) SMALL TOLLS, ROPE, ETC., T. TOTAL (<i>q</i> + (1) + (2) + (3) + (4) + (5) + (6) + (7)) S. PAGE TOTAL (5) REPAIRS TO MACHINERY (5) REPAIRS TO MACHINERY (7) SMALL TOLLS, ROPE, ETC., (7) SMALL TOLLS, ROPE,		(2) POUNDS PER HOLE, AVERAGE		
h. PLANT RENTAL	f. EX	(PLODERS		
i. INSURANCE	g. L	UBRICANTS		
k. MISCELLANEOUS	h. P	LANT RENTAL		
Implement	i. IN	SURANCE		
I. 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 (based on effective plus non-effective time) p. DATA FROM PLANT COST AND RENTAL LEDGERS (1) BOOK VALUE (2) DATE (YYYYMMDD) (1) ADDITIONS AND BETTERMENTS TO VESSEL (2) COSTS CHARGED TO PLANT RENTAL ACCOUNT (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 HULL (6) REPAIRS TO MACHINERY (7) SMALL TOLLS, ROPE, ETC., r. TOTAL (q + (1) + (2) + (3) + (4) + (5) + (6) + (7)) S. PAGE TOTAL (2) COSTS CHARGED TO PLANT RENTALS (3) DEPRECIATION (4) CESSATION OF WORK (5) REPAIRS TO MACHINERY (7) SMALL TOLLS, ROPE, ETC., (7) SMALL TOLS, ROPE, ETC., (7) SMALL TOLS	j. A1	TENDANT PLANT		
m. TOTAL FIELD EXPENSE SURVEYS, SUPERINTENDENCE, OFFICE EXPENSES, ETC., n. TOTAL COST o. OPERATING COST PER MINUTE AT WORK (based on effective plus non-effective time) p. DATA FROM PLANT COST AND RENTAL LEDGERS (1) BOOK VALUE (2) DATE (YYYYMMDD) q. BALANCE IN PLANT RENTAL ACCOUNT (1) ADDITIONS AND BETTERMENTS TO VESSEL (2) COSTS CHARGED TO PLANT RENTAL: (3) DEPRECIATION (4) CESSATION OF WORK (5) REPAIRS TO MULL (6) REPAIRS TO MACHINERY (7) SMALL TOLLS, ROPE, ETC., r. TOTAL (q + (1) + (2) + (3) + (4) + (5) + (6) + (7)) s. PAGE TOTAL (2) COST CHARGED TO PLANT RENTAL: (3) DEPRECIATION (4) CESSATION OF WORK (5) REPAIRS TO MACHINERY (7) SMALL TOLLS, ROPE, ETC., r. TOTAL (q + (1) + (2) + (3) + (4) + (5) + (6) + (7)) (5) REPAIRS TO TAL (5) REPAIRS TO MACHINERY (7) SMALL TOLLS, ROPE, ETC., (7) SMALL TOLLS, ROPE, ETC.	k. M	ISCELLANEOUS		
SURVEYS, SUPERINTENDENCE, OFFICE EXPENSES, ETC.,	I. R(DW TOTALS ($e + f + g + h + i + j + k$)		
p. DATA FROM PLANT COST AND RENTAL LEDGERS (1) BOOK VALUE (2) DATE (YYYYMMDD) (2) DATE (YYYYMMDD) (3) DETTERMENTS TO VESSEL (3) DEPRECIATION (4) CESSATION OF WORK (5) REPAIRS TO HULL (6) REPAIRS TO MACHINERY (2) DATE (YYYYMMDD) (3) DEPRECIATION OF WORK (4) CESSATION OF WORK (5) REPAIRS TO MACHINERY			ENSES, ETC.,	
(based on effective plus non-effective time) (based on effective plus non-effective time) (based on effective plus non-effective time) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c)	n. T	OTAL COST		
Image: Note of the second s				
q. BALANCE IN PLANT RENTAL ACCOUNT	p. D	ATA FROM PLANT COST AND RENTAL LEDG	ERS	
Image: Note of the state of the st	(1)	BOOK VALUE	(2) DATE (YYYYMMDD)	
Image: Processing of the second se	q. B	ALANCE IN PLANT RENTAL ACCOUNT		
(3) DEPRECIATION		(1) ADDITIONS AND BETTERMENTS TO VES	SEL	
(4) CESSATION OF WORK		(2) COSTS CHARGED TO PLANT RENTAL:		
(5) REPAIRS TO HULL (6) REPAIRS TO MACHINERY (7) SMALL TOLLS, ROPE, ETC., (7) SMALL TOLLS, ROPE, ETC., r. TOTAL (q + (1) + (2) + (3) + (4) + (5) + (6) + (7)) (6) + (7) s. PAGE TOTAL (7) SMALL TOLLS	Ļ	(3) DEPRECIATION		
(5) REPAIRS TO HULL (6) REPAIRS TO MACHINERY (7) SMALL TOLLS, ROPE, ETC., (7) SMALL TOLLS, ROPE, ETC., r. TOTAL (q + (1) + (2) + (3) + (4) + (5) + (6) + (7)) (6) + (7) s. PAGE TOTAL (7) SMALL TOLLS	NUA	(4) CESSATION OF WORK		
(7) SMALL TOLLS, ROPE, ETC., r. TOTAL (q + (1) + (2) + (3) + (4) + (5) + (6) + (7)) s. PAGE TOTAL	A	(5) REPAIRS TO HULL		
r. TOTAL (q + (1) + (2) + (3) + (4) + (5) + (6) + (7)) s. PAGE TOTAL		(6) REPAIRS TO MACHINERY		
s. PAGE TOTAL		(7) SMALL TOLLS, ROPE, ETC.,		
	r. TO	, DTAL (q + (1) + (2) + (3) + (4) + (5) + (6) + (7))		
22. REMARKS	s. P	AGE TOTAL		
	22.	REMARKS		