

DISTRICT	Rosebud
DIST_NO	4010
COUNTY	Pershing
If different from written on document	
TITLE	Rosebud Drill Hole File - Drill Hole 95-350
If not obvious	
AUTHOR	K. Allen, J. Hedeman, H. Leach, J. Hornum, R. Hedeman, G. Clapp
DATE OF DOC(S)	1998
MULTI_DIST Y / (N?)	
Additional Dist. Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME	Rosebud Mine; Rosebud Project; Hecla Mining Co
(mine, claim & company names)	
PC Exploration, Inc; Conter Drilling Inc	
COMMODITY	gold; silver
If not obvious	
NOTES	Invoices; table logging time and expenses; daily driller's reports
35p. 37	

Keep docs at about 250 pages if no oversized maps attached
(for every 1 oversized page (>11x17) with text reduce
the amount of pages by ~25)

Revised: 1/22/08

SS:	DD	6/6/08
	Initials	Date
DB:	ma	7/08
	Initials	Date
NED:	NV Blue	
	Initials	Date

95-350
INVOICES, DAILY LOG, DAILY REPORTS

60001714 4010

P C EXPLORATION, INC.
P. O. Box 870096
Woods Cross, UT 84087-0096
(801) 295-4238

INVOICE NO: 3105 Page: 1
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Invoice Date: 09/15/95

HECLA MINING COMPANY
ROSEBUD PROJECT
P.O. BOX 1861
LOVELOCK, NV 89419

ROSEBUD PROJECT
HOLE 95-350-1

Job:
329024

Hole #
95-350

Unit #

Terms Work Date
NET 30 DAYS 8/7 TO 8/26/95

Qty	Description	Unit \$	Total
500.00	HQ 0 TO 500 FEET ✓	\$21.00	\$10,500.00
79.00	HQ 500 TO 579 FEET ✓	\$22.00	\$1,738.00
421.00	NQ 579 TO 1000 FEET ✓	\$19.50	\$8,209.50
100.00	NQ 1000 TO 1100 FEET ✓	\$20.50	\$2,050.00
68.00	NQ 1100 TO 1168 FEET ✓	\$21.50	\$1,462.00
1.00	MOBILIZE LYNGBEAR 44 RIG	\$1,500.00	\$1,500.00
1.00	MOB ON UNIMPROVED ROADS ✓	\$90.00	\$90.00
	RECAPS FOR ITEMS BELOW ARE ATTACHED	\$95.00	
96.50	DRILL CREW HOURS	\$95.00	\$9,167.50
71.00	WATER TRUCK HOURS	\$30.00	\$2,130.00
75.00	SUBSISTENCE	\$50.00	\$3,750.00
20.00	WATER TRUCK DAYS	\$175.00	\$3,500.00
1.00	MATERIALS	\$1,689.76	\$1,689.76
12.00	SUPERVISOR SUBSISTENCE/NOT IN RECAP	\$50.00	\$600.00
	CEMENT AND ABANDONMENT MATERIALS WILL BE BILLED LATER		

89.5 8502.50

Please remit payment to:
1780 Vernon Street, Suite 3
Roseville, CA 95678
For Inquiries call (801) 295-4238

Total Invoice \$ 46,386.76

\$ 45,721.76

P C EXPLORATION, INC
P. O. Box 870096
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INVOICE NO: 3105 Page: 1
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Invoice Date: 09/15/95

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LOVELOCK, NV 89419

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1.00	MOB ON UNIMPROVED ROADS ✓	\$90.00	\$90.00 ✓
	RECAPS FOR ITEMS BELOW ARE ATTACHED	\$95.00	
74 96.50	DRILL CREW HOURS	\$95.00	\$9,167.50 7,030 ⁰⁰
62 71.00	WATER TRUCK HOURS	\$30.00	\$2,130.00 1,860 ⁰⁰
78 75.00	SUBSISTENCE	\$50.00	\$3,750.00 3,900 ⁰⁰
20.00	WATER TRUCK DAYS	\$175.00	\$3,500.00 ✓
1.00	MATERIALS	\$1,689.76	\$1,689.76 ✓
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44,129²⁶

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Woods Cross, UT 84087-0096
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600078
INVOICE NO: 3105 Page: 1
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Invoice Date: 09/15/95

HECLA MINING COMPANY
ROSEBUD PROJECT
P.O. BOX 1861
LOVELOCK, NV 89419

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1.00	MOBILIZE LYNNGEAR 44 RIG ✓	\$1,500.00	\$1,500.00 ✓
1.00	MOB ON UNIMPROVED ROADS ✓	\$90.00	\$90.00 ✓
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1.00	MATERIALS	\$1,689.76	\$1,689.76 ✓
12.00	SUPERVISOR SUBSISTENCE/NOT IN RECAP	\$50.00	\$600.00
	CEMENT AND ABANDONMENT MATERIALS WILL BE BILLED LATER		

44,129²⁶

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For Inquiries call (801) 295-4238

Total Invoice: \$ 46,386.76

HECLA MINING COMPANY
ROSEBUD MINE
AUGUST PROJECT BACKUP

HOLE 95- 350

DATE	MATERIALS	UNITS	AMOUNT	TOTAL
8/9	EZ MUD	1	\$75.00	\$75.00
8/10	EZ MUD	2	\$75.00	\$150.00
8/11	EZ MUD	1	\$75.00	\$75.00
8/12	EZ MUD	1	\$75.00	\$75.00
8/13	EZ MUD	1	\$75.00	\$75.00
8/14	POLYMER	1	\$75.00	\$75.00
8/15	COTTON SEED	1	\$14.00	\$14.00
8/18	EZ MUD	2	\$75.00	\$150.00
8/19	EZ MUD	2	\$75.00	\$150.00
8/20	EZ MUD	1	\$75.00	\$75.00
8/21	ALCOMER	2	\$120.97	\$241.94
	EZ MUD	1	\$75.00	\$0.00
8/23	POLYMER	1	\$75.00	\$75.00
8/24	NQ CORE BOXES	62	\$3.55	\$220.10
	HQ CORE BOXES	64	\$3.73	\$238.72
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
THIS SHEET REFLECTS BOTH SHIFTS				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
		143		\$1,689.76

HECLA MINING COMPANY		HOLE 95-350		
ROSEBUD MINE				
AUGUST PROJECT BACKUP				
DATE	DESCRIPTION	HOURS	PER HR	TOTAL
8/7	MOB PER RIG	1	\$1,500.00	\$1,500.00
8/8	1MOB ON UIMPROVED ROADS	1	\$90.00	\$90.00
	SAFETY MEETING	1	\$95.00	\$95.00
	SET UP/TEAR DOWN/MOVE	5	\$95.00	\$475.00
8/9	REAMING	2	\$95.00	\$190.00
	SET UP/TEAR DOWN/MOVE	1	\$95.00	\$95.00
	PULLING CASING	4	\$95.00	\$380.00
8/10	SETTING CASING	1	\$95.00	\$95.00
	HOLE STABILIZATION	1	\$95.00	\$95.00
8/11	HOLE STABILIZATION	1	\$95.00	\$95.00
	SETTING CASING	5	\$95.00	\$475.00
8/12	PULL RODS/CASING	0.5	\$95.00	\$47.50
8/13	HOLE STABILIZATION	2	\$95.00	\$190.00
	SET CASING/RODS	0.5	\$95.00	\$47.50
8/14	SET CASING/RODS	5	\$95.00	\$475.00
	PULL RODS/CASING	5	\$95.00	\$475.00
8/15	HOLE STABILIZATION/STUCK RODS	3	\$95.00	\$285.00
8/16	MOVE/SET UP/TEARDOWN	1	\$95.00	\$95.00
	HOLE STABILIZATION/STUCK RODS	8.5	\$95.00	\$807.50
8/18	CEMENT/DRILL OUT	4.5	\$95.00	\$427.50
	HOLE STABILIZATION	1	\$95.00	\$95.00
	HANDLE RODS/CASING	2.5	\$95.00	\$237.50
8/19	HOLE STABILIZATION	2	\$95.00	\$190.00
	HANDLE RODS/CASING	1	\$95.00	\$95.00
8/20	HOLE STABILIZATION	1	\$95.00	\$95.00
8/21	REAMING	4	\$95.00	\$380.00
	HOLE STABILIZATION	2	\$95.00	\$190.00
8/22	HOLE STABILIZATION	3	\$95.00	\$285.00
8/23	HOLE STABILIZATION	2	\$95.00	\$190.00
8/24	HOLE STABILIZATION/STUCK RODS	6	\$95.00	\$570.00
	SURVEY	1	\$95.00	\$95.00
8/25	PULL RODS	8	\$95.00	\$760.00
	HOLE ABANDONMENT	2	\$95.00	\$190.00
8/26	CEMENTING	1	\$95.00	\$95.00
	MOVE/SET UO/TEAR DOWN	9	\$95.00	\$855.00
THIS FORM COMBINES BOTH SHIFTS				
		98.5		\$10,757.50

} mob ; changed separately

- Tripped rods because wire line broke.

- rods back down after fixing wire line

- pulled rods because wire line kept breaking

- nothing about this on daily report

89.5 hrs @ \$95/hr = 8,502.50

AUGUST PROJECT BACKUP

HOLE 95-350

[illegible]

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COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024
DATE 8-9-95 DAY ☒
HOLE NO 95-350-1 AFTERNOON ☐
SIZE H ANGLE 90° NIGHT ☐

DRILL NO 44
NAME J. Hedman
NAME H. Arana
NAME
NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING				CORING					
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN	0'	33'	33'	OVERBURDEN		5	4		
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING		2	2		
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #	Huddy	HQ				SETTING UP/TEAR-DOWN Lights & generator	1	1	
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #		HQ				TRUCK DRIVING			
CASING SHOE #		HW				Supervision	1		
CORE BARREL						OTHER (Explain) Pulled 3			
OTHER EQUIPMENT						Times to unplug Tri-Cone (clay)	3	3	
UNIT	HOURS	REMARKS				TRACTOR DRIVING			
TRACTOR						WATER TRUCK DRIVING	+	1	
WATER TRUCK	1	1 Load 2000 gal.				REPAIRS & MAINT. Generator Welder	2	2	
OTHER						TRAVEL	1	1	
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS	15	14	

GENERAL COMMENTS: Tri-Cone Kept Pluggin' up in Clay, tripped casing out 3 times

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL
1 (5 gal)	E-2 Mud (Polymer)				

CUSTOMER

J. A. Allen

COMPANY

Hecla Mining Co.

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024

DATE 8-10-95 8-9-95 DAY ☐

HOLE NO _____ AFTERNOON ☐

SIZE HQ ANGLE 90 NIGHT ☒

DRILL NO TM-44
NAME Tom A Howard
NAME Ron Hedman
NAME _____
NAME _____

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	33	75	42	CORING	8				
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT # <u>GR. A 3174</u>	<u>Hyd</u>	<u>HQ</u>	33	-		SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL # <u>L932</u>						TRUCK DRIVING			
CASING SHOE # <u>L25304-52</u>		<u>HW</u>	3						
CORE BARREL						OTHER (Explain)			
OTHER EQUIPMENT						<u>Setting casing</u>	1		
UNIT	HOURS	REMARKS				TRACTOR DRIVING			
TRACTOR						WATER TRUCK DRIVING			
WATER TRUCK	-	<u>1 Load</u>				REPAIRS & MAINT.			
OTHER						TRAVEL	1		
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS	10		

GENERAL COMMENTS: Did not complete 10 LR's Due to Hyd. Line Rupture

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL
1	Sigal EZ mud				
1 set	core Boxes				

CUSTOMER

Art A. Allen

COMPANY

HECLA Mining Company

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024
DATE 8-10-95 DAY ☒
HOLE NO 95-350-1 AFTERNOON ☐
SIZE HQ ANGLE 90° NIGHT ☐

DRILL NO 44
NAME J. Hedman
NAME H. ARANA
NAME
NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	75'	125'	50'	CORING		6	6		
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING		1	1		
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #	Huddy	HQ				SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #		HQ				TRUCK DRIVING			
CASING SHOE #		HW				Supervision	1		
CORE BARREL						OTHER (Explain)			
OTHER EQUIPMENT						Bit Muddled / Trapped	1	1	
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING				
WATER TRUCK					REPAIRS & MAINT. Hydr. Hose	1	1		
OTHER					TRAVEL	1	1		
ACID TEST DEPTHS					ACID TESTING				
SURVEY DEPTHS					SURVEYING				
					TOTAL HOURS	19	10		

GENERAL COMMENTS: Tripped Rods Bit Muddled in circulation (Lots of Clay) washed Hole
Hydr. hose Repair on chuck (Hose blew on Nightshift)

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL
15 gal.	E-Z Mud (Polymer)				

CUSTOMER

Sam A. Allen

COMPANY

Hecla Mining Co.

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024
DATE 8-10-95 DAY ☐
HOLE NO _____ AFTERNOON ☐
SIZE HQ ANGLE 90 NIGHT ☒

DRILL NO 329024
NAME Tom Howard
NAME Ron Hedman
NAME _____
NAME _____
NAME _____

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	125	185	60'	CORING	5				
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #	Huddy	HQ	33			SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #						TRUCK DRIVING			
CASING SHOE #	SAME								
CORE BARREL						OTHER (Explain)			
OTHER EQUIPMENT									
UNIT	HOURS	REMARKS				TRACTOR DRIVING			
TRACTOR						WATER TRUCK DRIVING			
WATER TRUCK						REPAIRS & MAINT.			
OTHER						TRAVEL	1		
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS	6		

GENERAL COMMENTS: Helper Quit.

QUANT.	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL

CUSTOMER

Quint L. Allen

COMPANY

HECLA Mining Co.

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024
 DATE 8-11-95 DAY ☒
 HOLE NO 95-350-1 AFTERNOON ☐
 SIZE HQ ANGLE 90° NIGHT ☐

DRILL NO 44
 NAME J. Hedman
 NAME H. ARAWA
 NAME
 NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	185	243	58'	CORING		6	5		
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING		1	1		
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET				
BIT #		HQ				MOVING			
BIT #						SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #	HQ	HQ				TRUCK DRIVING			
CASING SHOE #		HW				Supervising			
CORE BARREL		HQ				OTHER (Explain)			
OTHER EQUIPMENT				Added casing		4	4		
UNIT	HOURS	REMARKS							
TRACTOR					TRACTOR DRIVING				
WATER TRUCK	1	1 Load			WATER TRUCK DRIVING				
OTHER					REPAIRS & MAINT.				
						1	1		
ACID TEST DEPTHS				ACID TESTING					
SURVEY DEPTHS				SURVEYING					
				TOTAL HOURS		13	12		

GENERAL COMMENTS: 93' of casing - Added 60' - Hit gravel and sand at 231'
started to lose Circ. (pumped Cottonseed, got Circ. back @ 80%)

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL
15 gal.	E-Z Mud (Polymer)				

CUSTOMER

Grant D. Allen

COMPANY

HECLA Mining Co.

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rose Bud JOB NO 329024

DATE 8-11-95 DAY ☐

HOLE NO 95 350 #1 AFTERNOON ☐

SIZE HQ ANGLE 90 NIGHT ☒

DRILL NO 7/M-44
NAME Don A. Howard
NAME George Slapp
NAME
NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	243	251	7	CORING	1				
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT # <u>99A 3174</u>	<u>FLUDDY</u>	<u>HQ</u>	<u>33</u>	<u>-</u>	<u>-</u>	SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #						TRUCK DRIVING			
CASING SHOE #									
CORE BARREL						OTHER (Explain)			
OTHER EQUIPMENT						<u>ADDED CASING</u>			
UNIT	HOURS	REMARKS				TRACTOR DRIVING			
TRACTOR						WATER TRUCK DRIVING			
WATER TRUCK		<u>1 load of water</u>				REPAIRS & MAINT.			
OTHER						TRAVEL			
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS			

GENERAL COMMENTS: 99' of Casing Down hole

QUANT.	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL

CUSTOMER

Lynd L. Allen

COMPANY

Hella Mining Co.

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024

DATE 8-12-95 DAY ☐

HOLE NO _____ AFTERNOON ☐

SIZE HQ ANGLE 90° NIGHT ☒

DRILL NO _____
NAME Evaw Skinner
NAME Ton A Howard
NAME George Clapp
NAME Hester Arana

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	251	335	84	CORING	8				
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.					WATER LINES				
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT # <u>GRA1374</u>	<u>H400X</u>	<u>HQ</u>	<u>33</u>			SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #						TRUCK DRIVING			
CASING SHOE #									
CORE BARREL						OTHER (Explain)			
OTHER EQUIPMENT					<u>TRIPPED Rod out 1/2</u>				
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING				
WATER TRUCK					REPAIRS & MAINT.				
OTHER					TRAVEL				
ACID TEST DEPTHS						1	1	1	1
SURVEY DEPTHS									
					TOTAL HOURS	9	9 1/2	9 1/2	12

GENERAL COMMENTS: Pulled Rod's At 335' Broken Wire Line

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL
1	SgAL EZ MAD				

CUSTOMER

Art D. Allen

COMPANY

Arctic Mining Company

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud-Heda JOB NO 329024
 DATE 8-13-95 DAY ☒ AFTERNOON ☐
 HOLE NO 95-350-1 NIGHT ☐
 SIZE HQ ANGLE 90°

DRILL NO 44
 NAME J. Hedman
 NAME H. ARANA
 NAME Dave Mott
 NAME Ray Frazier

				FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS	
CORING				335'	385'	50'	CORING		4	4			
CORING (WEDGE)							CORE (WEDGE)						
OVERBURDEN							OVERBURDEN						
DRILL CEMENT							CEMENT/DRILL CEMENT						
REAM CASING							REAMING						
							HOLE STABILIZING		1	1			
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.							WATER LINES						
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING							
BIT #		HQ				SETTING UP/TEAR DOWN							
BIT #						MOB/DEMOB (TRUCKLOAD)							
BIT #						MOB/DEMOB (1st Hole/Last Hole)							
SHELL #		HQ				TRUCK DRIVING							
CASING SHOE #		HQ				Put 335' HQ Rods down to bottom		1.5	1.5				
CORE BARREL		HQ				OTHER (Explain)							
OTHER EQUIPMENT													
UNIT	HOURS	REMARKS				TRACTOR DRIVING							
TRACTOR						WATER TRUCK DRIVING					1		
WATER TRUCK	1	1 Load				REPAIRS & MAINT.		4.5	4.5	9	10		
OTHER						TRAVEL		1	1	1	1		
ACID TEST DEPTHS							ACID TESTING						
SURVEY DEPTHS							SURVEYING						
							TOTAL HOURS		11	11	11	11	

GENERAL COMMENTS: Replaced Rams on Head, Replaced Radiator, changed oil & filter on drill, Put Rods (335') HQ down to bottom (Drilled 50') Pumped Cottonseed to keep Circ. 80% at 354'

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL
1 (5 gal.)	E-Z Mud (Polymer)				

CUSTOMER

L. A. Allen

COMPANY

Hedman Mining Company

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024

DATE 8-13-95 DAY ☐

HOLE NO 95-350-1 AFTERNOON ☐

SIZE HQ ANGLE 90 NIGHT ☒

DRILL NO TM 44
NAME Tom A. Hovell
NAME George Clapp
NAME EVANSKINDA
NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	375	445	70	CORING	87			1	
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING	1				
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #	Huddy	HQ	33	-	-	SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #						TRUCK DRIVING			
CASING SHOE #									
CORE BARREL						OTHER (Explain) <u>wireline</u>	2		
OTHER EQUIPMENT									
UNIT	HOURS	REMARKS				TRACTOR DRIVING			
TRACTOR						WATER TRUCK DRIVING			
WATER TRUCK						REPAIRS & MAINT.			
OTHER						TRAVEL	1		1
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS	11		

GENERAL COMMENTS: could not get tube out keep BRAking wire
line. wire line screwed up on drum

QUANT	ITEMS CONSUMED	APPROVAL	QUANT	ITEMS CONSUMED	APPROVAL

CUSTOMER

Ernst A. Allen

COMPANY

Heda Mining Co.

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME

Rosebud

JOB NO

329024

DATE

8-14-95

DAY

☒

HOLE NO

95-350-1

AFTERNOON ☐

SIZE

HQ

ANGLE

90°

NIGHT ☐

DRILL NO

44

NAME

J. Hedman

NAME

H. ARAIVA

NAME

NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	445	515	70'	CORING		7	6		
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #		HQ	33'			SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #		H.Q.				TRUCK DRIVING			
CASING SHOE #		H.W.				chased casing			
CORE BARREL		H.Q.				OTHER (Explain)			
OTHER EQUIPMENT						helped nightshift			
UNIT	HOURS	REMARKS				TRACTOR DRIVING			
TRACTOR						WATER TRUCK DRIVING			
WATER TRUCK	1	1 Load (2000 gals)				REPAIRS & MAINT.			
OTHER						TRAVEL			
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS			
						12 12			

GENERAL COMMENTS:

Chased casing 30' to 129' (cored) broke wireline
helped nightshift 1 hr. chased 30' more of casing - casing ftge. total 159'

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL
1/5 gal.	Polymer				

CUSTOMER

G. K. Allen

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rose Bud JOB NO 329024

DATE 8-14-95 DAY ☐

HOLE NO 95-350 AFTERNOON ☐

SIZE HQ ANGLE 90 NIGHT ☒

DRILL NO TM 44
NAME Tom Howard
NAME Dave Mott
NAME
NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	515	542	27	CORING	3				
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT # <u>Gr. A3174</u>	<u>H200M</u>	<u>HQ</u>	<u>33</u>	<u>579</u>	<u>546</u>	SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #						TRUCK DRIVING			
CASING SHOE #						setting casing	2		
CORE BARREL						OTHER (Explain)			
OTHER EQUIPMENT						Pulling Rod's	5		
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING				
WATER TRUCK					REPAIRS & MAINT.				
OTHER					TRAVEL	1			
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS	11		

GENERAL COMMENTS: HAD To pull Rod's BACK out of Hole each
Time pulled tube. wire Line kept Breaking
put 27 of Casing In Hole

QUANT.	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL

CUSTOMER

Ed K. Allen

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024
DATE 8-15-95 DAY ☒
HOLE NO 95-350 - 1 AFTERNOON ☐
SIZE H.Q. ANGLE 90° NIGHT ☐

DRILL NO 44
NAME J. Hedman
NAME H. ARANA
NAME George Lynn Clapp
NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	542	579	37'	CORING		4	4	9	
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING <u>Pumped Cottonseed</u>		1	1		
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #		<u>HQ</u>	<u>33'</u>			SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #		<u>H.Q.</u>				TRUCK DRIVING			
CASING SHOE #		<u>HW</u>				<u>worked on stuck rods</u>	2	2	
CORE BARREL		<u>HQ</u>				OTHER (Explain)			
OTHER EQUIPMENT						<u>2</u>			
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING			1	
WATER TRUCK	1	<u>1 Load</u>			REPAIRS & MAINT <u>wireline</u>	2	2		
OTHER					TRAVEL	1	1	1	
ACID TEST DEPTHS					ACID TESTING				
SURVEY DEPTHS					SURVEYING				
					TOTAL HOURS	10	10	11	

GENERAL COMMENTS: changed wireline cored - Lost Circ. around 568 to 579
pumped cottonseed, Rods got stuck

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL
<u>1 gal.</u>					
<u>1 bag</u>	<u>Cottonseed</u>				

CUSTOMER

Ernst K. Allen

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024
DATE 8-16-95 DAY ☒
HOLE NO 95-350-1 AFTERNOON ☐
SIZE HQ ANGLE 90° NIGHT ☐

DRILL NO 44
NAME J. Hedman
NAME H. ARANA
NAME J. Petersen
NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING				CORING					
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING <u>Cleaned Drill Site</u>			
BIT #							1	1	1
BIT #									
BIT #									
SHELL #									
CASING SHOE #							1	1	1
CORE BARREL									
OTHER EQUIPMENT						OTHER (Explain) <u>WORKED ON Stuck Rods</u>			
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING				
WATER TRUCK					REPAIRS & MAINT. <u>Fixed Mast</u>		1	1	1
OTHER					TRAVEL		1	1	1
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS	11.5	11.5	11.5

GENERAL COMMENTS:

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL

CUSTOMER

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Hecla Rosebud JOB NO 329-029

DATE 8/16/95 DAY ✓

HOLE NO _____ AFTERNOON ☐

SIZE 4 1/2 ANGLE 90° NIGHT ☐

DRILL NO L44
NAME Sim Petase
NAME Dave Motta
NAME Bill
NAME _____

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING				CORING					
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT	3	3	3	2	
REAM CASING				REAMING					
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.					WATER LINES				
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET				
BIT #						MOVING			
BIT #						SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #							16	2	
CASING SHOE #						3	3	3	
CORE BARREL						OTHER (Explain)			
OTHER EQUIPMENT						1	1		
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING				
WATER TRUCK	1	1 Load 4800 gm			REPAIRS & MAINT. Tires * 2 1/2 2 1/2 2 1/2				
OTHER					TRAVEL 1 1 1				
ACID TEST DEPTHS					ACID TESTING				
SURVEY DEPTHS					SURVEYING				
					TOTAL HOURS 11 1/2 11 1/2 19 10				

GENERAL COMMENTS: Had to repair ADQ Heads + Hay Lines
* Ray Had two Flats on pickup get Them repaired Had to
get a used one because one could Not be repaired

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL
1	97lb Portland Cement				

CUSTOMER

Lance E. Senter

COMPANY

Hecla

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Hecla (Rosebud) JOB NO 329-024

DATE 8/18/95 DAY 2

HOLE NO _____ AFTERNOON ☐

SIZE NQ ANGLE 90 NIGHT ☐

DRILL NO C44
NAME Jim Peterson
NAME Billy Huber
NAME Kevin Sklar
NAME _____

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	579	594	15	CORING	2	2		2	
CORING (WEDGE)	2			CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT	4 1/2	4 1/2		2	
REAM CASING				REAMING					
				HOLE STABILIZING	1	1		1	
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET				
BIT #						MOVING			
BIT #						SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #	imp	NQ				MOB/DEMOB (1st Hole/Last Hole)			
SHELL #	imp	NQ				TRUCK DRIVING			
CASING SHOE #						Handle Rods			
CORE BARREL	Longer	NQ	579	595	15	2 1/2	2 1/2		2 1/2
OTHER EQUIPMENT				OTHER (Explain)					
UNIT	HOURS	REMARKS							
TRACTOR					TRACTOR DRIVING				
WATER TRUCK	10	4 loads 4800 gal			WATER TRUCK DRIVING				
OTHER					REPAIRS & MAINT.				
ACID TEST DEPTHS					TRAVEL				
SURVEY DEPTHS					1	1	1	1	
				ACID TESTING					
				SURVEYING					
				TOTAL HOURS					

GENERAL COMMENTS: * Had to drill out Landing ring, stabilizer, Bit.

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL
2	5 gal EZ Mud				
1	NQ Core box				

CUSTOMER Lance E. Suter

COMPANY Jim Peterson

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024

DATE 8-18-95 DAY ☐

HOLE NO 95-350 AFTERNOON ☐

SIZE NQ ANGLE 90. NIGHT ☒

DRILL NO LY-44 TM
NAME Tom Harold
NAME Ben Arcene
NAME Lin Clapp

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	595.	695	100	CORING	10.				
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT # <u>04176</u>	<u>JKJ</u>	<u>NQ</u>	<u>579</u>			SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL # <u>28215</u>		<u>NQ</u>	<u>579</u>			TRUCK DRIVING			
CASING SHOE #									
CORE BARREL						OTHER (Explain)			
OTHER EQUIPMENT									
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING				
WATER TRUCK	<u>10.</u>	<u>2 Load's water</u>			REPAIRS & MAINT.				
OTHER					TRAVEL	<u>1</u>			
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS	<u>11</u>		

GENERAL COMMENTS: _____

QUANT	ITEMS CONSUMED	APPROVAL	QUANT	ITEMS CONSUMED	APPROVAL

CUSTOMER

G. D. Allen

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024
DATE 8-19-95 DAY ☒
HOLE NO 95-350-1 AFTERNOON ☐
SIZE NQ ANGLE 90° NIGHT ☐

DRILL NO 44
NAME J. Hedman
NAME H. ARANA
NAME
NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	695'	765'	70'	CORING		9	9		
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING		1	1		
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT # <u>GRA3174</u>	<u>Huddy</u>	<u>HQ</u>	<u>33'</u>	<u>579'</u>	<u>546</u>	SETTING UP/TEAR DOWN			
BIT # <u>04176</u>	<u>J.K.S.</u>	<u>NQ</u>	<u>579</u>			MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL # <u>28215</u>		<u>NQ</u>				TRUCK DRIVING			
CASING SHOE #		<u>HW.</u>							
CORE BARREL		<u>NQ</u>	<u>579</u>			OTHER (Explain)			
OTHER EQUIPMENT									
UNIT	HOURS	REMARKS				TRACTOR DRIVING			
TRACTOR						WATER TRUCK DRIVING			
WATER TRUCK						REPAIRS & MAINT.			
OTHER						TRAVEL		1	1
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS		11	11

GENERAL COMMENTS: Mostly Fractured, some gravel & clay, in Hole (Blocky)

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL

CUSTOMER

Frank A. Allen

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024

DATE 8-19-95 DAY ☐

HOLE NO 95-350 AFTERNOON ☐

SIZE NQ ANGLE 90 NIGHT ☒

DRILL NO T/L 44-94
NAME Tom Howard
NAME Ben Acevedo
NAME Lin Clark

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	765	835	70	CORING	88				
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING	1				
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT # <u>5111</u>	<u>JKS</u>	<u>na</u>	<u>579</u>	-	-	SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL # <u>8013</u>		<u>na</u>	<u>579</u>			TRUCK DRIVING			
CASING SHOE #									
CORE BARREL						OTHER (Explain) <u>worked</u>	1		
OTHER EQUIPMENT						<u>DN 38'</u>			
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING				
WATER TRUCK	10	<u>2 Load's water</u>			REPAIRS & MAINT.				
OTHER					TRAVEL	1			
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS	11		

GENERAL COMMENTS: pumped clean mud down hole, worked on 38 for 1hr trying to get Rod's to Bottom.

QUANT	ITEMS CONSUMED	APPROVAL	QUANT	ITEMS CONSUMED	APPROVAL
2	5gal E-Z mud				

CUSTOMER

Spencer Allen

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024
DATE 8-20-95 DAY ☒
HOLE NO 95-350-1 AFTERNOON ☐
SIZE NQ ANGLE 90° NIGHT ☐

DRILL NO 44
NAME J. Hedman
NAME H. ARANA
NAME
NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	835'	894'	59'	CORING		8	8		
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING		1	1		
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #		NQ	579			SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #		NQ				TRUCK DRIVING			
CASING SHOE #						worked on crew truck	1	1	
CORE BARREL						OTHER (Explain)			
OTHER EQUIPMENT									
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING				
WATER TRUCK					REPAIRS & MAINT.				
OTHER					TRAVEL		1	1	
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS	11	11	

GENERAL COMMENTS: _____

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL

CUSTOMER Scott L. Allen COMPANY _____

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024
DATE 8-20-95 DAY ☐
HOLE NO 95-350 AFTERNOON ☐
SIZE NQ ANGLE 90 NIGHT ☒

DRILL NO TM-LX-44
NAME Tom Howard
NAME Benjamin Acevedo
NAME Lynn Clapp

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	894	951	57	CORING	8				
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.					WATER LINES				
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #	JKS	NQ	579			SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #						TRUCK DRIVING			
CASING SHOE #									
CORE BARREL						OTHER (Explain)			
OTHER EQUIPMENT									
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING				
WATER TRUCK	10.5	1 Load			REPAIRS & MAINT.	2			
OTHER					TRAVEL	1			
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS	11		

GENERAL COMMENTS: 2 hrs Repair on mud pump

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL
1	5 gal EZ mud				

CUSTOMER

Scott A. Allen

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO. 329024
 DATE 8-21-95 DAY ☒ AFTERNOON ☐
 HOLE NO. 95-350-1 NIGHT ☐
 SIZE NQ ANGLE 90°

DRILL NO

NAME

NAME

NAME

NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	951'	991'	40'	CORING		5	5		
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING + washing clay + SAND		4	3		
				HOLE STABILIZING		1	1		
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #	JKS	NQ	579'			SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #						TRUCK DRIVING	1	+	
CASING SHOE #									
CORE BARREL						OTHER (Explain)			
OTHER EQUIPMENT									
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING		1		
WATER TRUCK	1	1 Load			REPAIRS & MAINT.				
OTHER					TRAVEL	1	1	1	
ACID TEST DEPTHS					ACID TESTING				
SURVEY DEPTHS					SURVEYING				
				TOTAL HOURS		11	11	11	

GENERAL COMMENTS: Hole is tight, Clay + Sand at about 951 to 964, had to Ream Rods stuck in Hole, washed some sand. Circulation got weak Also, pumped paper and alcomer at 964.

QUANT	ITEMS CONSUMED	APPROVAL	QUANT	ITEMS CONSUMED	APPROVAL
2	5gal. Alcomer				

CUSTOMER

Ernest L. Allen

COMPANY

COATES DRILL

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME

Rose bud

JOB NO

329024

DATE

8-21-95

DAY

☐

HOLE NO

95-350

AFTERNOON ☐

SIZE

NQ

ANGLE

-90°

NIGHT ☒

DRILL NO

NAME

NAME

NAME

NAME

T/M CY-44

Tom Howard

Ben. Acevedo

Larry Clapp

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	991	1015	24	CORING	3				
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING	1				
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #						SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #						TRUCK DRIVING			
CASING SHOE #									
CORE BARREL						OTHER (Explain)	2		
OTHER EQUIPMENT									
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR		50' 30'			WATER TRUCK DRIVING				
WATER TRUCK	10	1 Load			REPAIRS & MAINT.	4			
OTHER					TRAVEL	1			
ACID TEST DEPTHS					ACID TESTING				
SURVEY DEPTHS					SURVEYING				
					TOTAL HOURS	11			

GENERAL COMMENTS:

ROD'S DROPPED A FOOT THROUGH CHUCK. PUT
MANUAL CHUCK ON HEAD

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL
1	5 GAL E-Z mud				

CUSTOMER

Frank L. Allen

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024
DATE 8-22-95 DAY ☒
HOLE NO 95-350-1 AFTERNOON ☐
SIZE NQ ANGLE 90° NIGHT ☐

DRILL NO 44
NAME J. Hedman
NAME H. ARANA
NAME
NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	1015'	1067'	52'	CORING		8	8		
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING <u>Pumped LCM</u>		2	2		
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #	JKS	NQ	579			SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #		NQ				TRUCK DRIVING			
CASING SHOE #		HW							
CORE BARREL	LY	NQ				OTHER (Explain)			
OTHER EQUIPMENT									
UNIT	HOURS				REMARKS	TRACTOR DRIVING			
TRACTOR						WATER TRUCK DRIVING			
WATER TRUCK						REPAIRS & MAINT.			
OTHER						TRAVEL	1	1	
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS	11	11	

GENERAL COMMENTS: Fractured & Broken mostly, Real Hard at 1044 - Lost Circ at 1061
Pumped LCM again at 1067

QUANT	ITEMS CONSUMED	APPROVAL	QUANT	ITEMS CONSUMED	APPROVAL

CUSTOMER

Scott D. Allen

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024
DATE 8-22-95 DAY ☐
HOLE NO 95-350 AFTERNOON ☐
SIZE NQ ANGLE 90° NIGHT ☒

DRILL NO TM-44
NAME Tom Howard
NAME Don Owens
NAME Jim Clapp

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	1067	1118	51	CORING	9				
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING	1				
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #	JK's	NQ	579			SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #		NQ	579			TRUCK DRIVING			
CASING SHOE #									
CORE BARREL			579	2		OTHER (Explain)			
OTHER EQUIPMENT									
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING				
WATER TRUCK	10	2 Loads			REPAIRS & MAINT.				
OTHER					TRAVEL				
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS			

GENERAL COMMENTS: pumping L.C.M for Return

QUANT.	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL

CUSTOMER

E. H. Allen

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024
DATE 8-22-95 DAY ☒
HOLE NO 95-350 AFTERNOON ☐
SIZE NQ ANGLE 90° NIGHT ☐

DRILL NO 44
NAME J. Hedman
NAME H. ARAWA
NAME Bill

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING	1118'	1168'	50'	CORING		8	8		
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING		2	2		
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #	JKS	NQ	579'			SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #		NQ				TRUCK DRIVING			
CASING SHOE #		HW				Towed night shift	1	1	1
CORE BARREL	LY	NQ				OTHER (Explain)			
OTHER EQUIPMENT									
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING			3	
WATER TRUCK	3	3 Loads (Filled Sumps)			REPAIRS & MAINT.			7	
OTHER					TRAVEL	1	1	1	
ACID TEST DEPTHS					ACID TESTING				
SURVEY DEPTHS					SURVEYING				
					TOTAL HOURS	12	12	12	

GENERAL COMMENTS: Hole is Tight, Some Broken & Soft, Mostly real Solidified & Hard.

QUANT	ITEMS CONSUMED	APPROVAL	QUANT	ITEMS CONSUMED	APPROVAL
1	5gal. Polymer				

CUSTOMER

Ernst L. Allen

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME Rosebud JOB NO 329024

DATE 8-23-95 DAY ☐

HOLE NO 95-350 AFTERNOON ☐

SIZE NQ ANGLE 90 NIGHT ☒

DRILL NO 7m-44
NAME Tom Hasard
NAME Bernice
NAME ACE Vede
NAME
NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING			<u>10</u>	CORING					
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
			<u>10</u>	HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #						SETTING UP/TEAR DOWN			
BIT #					<u>1</u>	MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #						TRUCK DRIVING			
CASING SHOE #									
CORE BARREL						OTHER (Explain) <u>motor</u>			
OTHER EQUIPMENT						<u>Went IN 170N</u>	<u>2</u>		
UNIT	HOURS	REMARKS				TRACTOR DRIVING			
TRACTOR		<u>30-35 ft</u>				WATER TRUCK DRIVING			
WATER TRUCK		<u>30</u>				REPAIRS & MAINT.			
OTHER						TRAVEL	<u>1</u>		
ACID TEST DEPTHS						ACID TESTING			
SURVEY DEPTHS						SURVEYING			
						TOTAL HOURS			

GENERAL COMMENTS: _____

QUANT	ITEMS CONSUMED	APPROVAL	QUANT	ITEMS CONSUMED	APPROVAL

CUSTOMER Frank A. Allen

COMPANY _____

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME

Rosebud

JOB NO

329024

DATE

8-24-95

DAY



HOLE NO

95-350-1

AFTERNOON ☐

SIZE

NQ

ANGLE

90°

NIGHT ☐

DRILL NO

44

NAME

J. Hedman

NAME

Hector Aranda

NAME

NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING				CORING					
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #	JKS	NQ	579	1168		SETTING UP/TEAR DOWN			
BIT #	Huddy	HQ	33'	579	546'	MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #		NQ	579	1168	589'	TRUCK DRIVING			
CASING SHOE #		HW				worked on stuck H Rods	3	3	
CORE BARREL		NQ				OTHER (Explain) Pulled 500' into H Rods	3	3	
OTHER EQUIPMENT						Survey Prep.	1	1	
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING				
WATER TRUCK	2				REPAIRS & MAINT. Shipping patching & chuck (wirelog)	1	1		
OTHER					TRAVEL	1	1		
ACID TEST DEPTHS					ACID TESTING				
SURVEY DEPTHS		Every 20'	to	1100'	SURVEYING	3	3		
						TOTAL HOURS	12	12	

GENERAL COMMENTS:

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL
62	NQ Coreboxes				
64	HQ Coreboxes				

CUSTOMER

Grant A. Allen

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME

Rosebud

JOB NO

329024

DATE

8-25-95

DAY

☒

HOLE NO

95-350-1

AFTERNOON ☐

SIZE

NQ (reduced)

ANGLE

90°

NIGHT ☐

DRILL NO

44

NAME

J. Hedman

NAME

H. Arana

NAME

NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING				CORING					
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT					
REAM CASING				REAMING					
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING			
BIT #						SETTING UP/TEAR DOWN			
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #						TRUCK DRIVING			
CASING SHOE #						<u>Pulled NQ rods & HW casing</u> <u>down 13 HQ</u>	<u>8</u>	<u>8</u>	
CORE BARREL						OTHER (Explain)			
OTHER EQUIPMENT						<u>mudded Hole</u>	<u>2</u>	<u>2</u>	
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING				
WATER TRUCK					REPAIRS & MAINT.				
OTHER					TRAVEL		<u>1</u>	<u>1</u>	
ACID TEST DEPTHS					ACID TESTING				
SURVEY DEPTHS					SURVEYING				
					TOTAL HOURS		<u>11</u>	<u>11</u>	

GENERAL COMMENTS:

total Loss on HQ rods (core barrel, bit, 2 HQ (HT) rods)

QUANT	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL

CUSTOMER

Frank B. Allen

COMPANY

COATES DRILLING, INC.

A Division Of P.C. Exploration

DAILY TIME REPORT

CONTRACT NAME

Rosebud

JOB NO

329024

DATE

8-26-95

DAY



HOLE NO

95-350-1

AFTERNOON ☐

SIZE

H reduced to N

ANGLE

90°

NIGHT ☐

DRILL NO

44

NAME

J. Hedman

NAME

H. Arana

NAME

NAME

	FROM	TO	FEET	OPERATION	DRILL HOURS	HOURS	HOURS	HOURS	HOURS
CORING				CORING					
CORING (WEDGE)				CORE (WEDGE)					
OVERBURDEN				OVERBURDEN					
DRILL CEMENT				CEMENT/DRILL CEMENT		1	1		
REAM CASING				REAMING					
				HOLE STABILIZING					
WATER LINES: DISTANCE _____ FT. LIFT _____ FT.				WATER LINES					
DOWN HOLE EQUIPMENT	TYPE	SIZE	FROM	TO	FEET	MOVING	2	2	
BIT #						SETTING UP/TEAR DOWN	5	5	
BIT #						MOB/DEMOB (TRUCKLOAD)			
BIT #						MOB/DEMOB (1st Hole/Last Hole)			
SHELL #						TRUCK DRIVING			
CASING SHOE #						Setting up	2	2	
CORE BARREL						OTHER (Explain)			
OTHER EQUIPMENT									
UNIT	HOURS	REMARKS			TRACTOR DRIVING				
TRACTOR					WATER TRUCK DRIVING				
WATER TRUCK					REPAIRS & MAINT.				
OTHER					TRAVEL		1	1	
ACID TEST DEPTHS					ACID TESTING				
SURVEY DEPTHS					SURVEYING				
					TOTAL HOURS		11	11	

GENERAL COMMENTS:

QUANT.	ITEMS CONSUMED	APPROVAL	QUANT.	ITEMS CONSUMED	APPROVAL

CUSTOMER

Grant D. Allen

COMPANY