

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)

SCANNED:

URBD 70203 DRILL
CONTRACT & DAILY RPTS: EQUINOX, 6/89

60001941

4010

ENVIRONMENTAL*West Exploration*

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ENVIRONMENTAL WEST EXPLORATION

P.O. BOX 11095

SPOKANE, WASHINGTON 99211

TELEPHONE (509) 534-2740

TO: LAC MINERALS (USA) INC.
1475 Greg Street
Sparks, NV. 89431

INVOICE DATE: 8-4-89
INVOICE NUMBER: 123-10
PROJECT: Rosebud
LOCATION: Lovelock, NV.
TERMS: NET 10 DAYS

ATTN: Nate

DATE	HOLE	DESCRIPTION	QUANTITY	UNIT COST	TOTAL
7-25-89	RE 25 (-90°)	Billable hours per drill report	9.75	185.00	1803.75
		Chip Tender	9.75	12.75	124.32
		Water Truck	9.75	10.00	97.50
7-26-89		Billable Hours over 500'	10.0	205.00	2050.00
		Chip Tender	10.0	12.75	127.50
		Water Truck	10.0	10.00	100.00
7-27-89		Billable hours per drill report	.5	185.00	92.50
		Billable hours over 500'	8.0	205.00	1640.00
	RE 26 (-60°)	Billable hours per drill report	1.75	195.00	341.25
		Chip Tender	10.25	12.75	130.69
		Water Truck	10.25	10.00	102.50
7-28-89		Billable hours per drill report	9.75	195.00	1901.25
		Billable hours per drill report	.25	185.00	46.25
		Chip Tender	10.0	12.75	127.50
		Water Truck	10.0	10.00	100.00
7-29-89	RE 27 (-90°)	Billable hours per drill report	10.0	185.00	1850.00
		Chip Tender	10.0	12.75	127.50
		Water Truck	10.0	10.00	100.00
7-30-89		Billable hours per drill report	1.0	185.00	185.00
		Billable hours over 500'	9.0	205.00	1845.00
		Chip Tender	10.0	12.75	127.50
		Water Truck	10.0	10.00	100.00
7-31-89	RE 28 (-60°)	Billable hours per drill report	.5	185.00	92.50
		Billable hours over 500'	2.25	205.00	461.25
		Billable hours per drill report	7.5	195.00	1462.50
		Chip Tender	10.25	12.75	130.69
		Water Truck	10.25	10.00	102.50
8-1-89		Billable hours per drill report	1.0	185.00	185.00
		Billable hours per drill report	9.0	195.00	1755.00
		Chip Tender	10.0	12.75	127.50
		Water Truck	10.0	10.00	100.00
8-2-89	RE 29 (-60°)	Billable hours per drill report	10.0	195.00	1950.00
		Chip Tender	10.0	12.75	127.50
		Water Truck	10.0	10.00	100.00
8-3-89		Billable hours per drill report	9.0	195.00	1755.00
		Chip Tender	9.0	12.75	114.75
		Water Truck	9.0	10.00	90.00

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ENVIRONMENTAL

West Exploration

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ENVIRONMENTAL WEST EXPLORATION

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TO: LAC MINERALS (USA) INC.
1475 Greg Street
Sparks, NV. 89431

ATTN: Nate

INVOICE DATE: 8-4-89
INVOICE NUMBER: 123-10
PROJECT: Rosebud
LOCATION: Lovelock, NV
TERMS: NET 10 DAYS

DATE	HOLE	DESCRIPTION	QUANTITY	UNIT COST	TOTAL
		TOTAL DRILLING			21,674.20
		Subsistence - 3 men	9.0	105.00	945.00
		Tricone Bit # 24176	1.0	625.00	625.00
		Tricone Bit # 24633	1.0	625.00	625.00
		Wiper Rings	3.0	29.90	89.70
		Casing left in hole	14.0	8.56	119.84
		15% markup-materials			218.94
		TOTAL DUE THIS INVOICE			\$24,297.68

P.O. BOX 11095
SPOKANE, WASHINGTON, 99211
TELEPHONE (509) 534-2740

AUG 7 '89 8:21

509 534 3786



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****IMPORTANT****
FILLING OUT SHIFT REPORTS IS AN IMPORTANT PART OF THE JOB. EACH DRILLER MUST PREPARE A SHIFT REPORT DAILY, FOR EACH SHIFT WORKED. TIME ON SHIFT REPORT MUST AGREE WITH TIME CARD. SHIFT REPORTS MUST ACCOMPANY TIME CARDS OR PAYCHECK WILL NOT BE ISSUED.

DAILY SHIFT REPORT

PROJECT NO. 123		LOCATION	
DATE July 25, 1969			
HOLE NO. RE² 25	DEPTH 5 1/2	ANGLE 90°	FROM TO 345 505
		DRILLED 160	
		CORE	
REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.		DRILL SHIFT HOURS	MAN HOURS
MOBILIZATION & DEMOBILIZATION (Travel to and from staging area to site)			
RIGGING UP & DOWN, MOVING BETWEEN SITES			
DRILL SITE PREPARATION			
DRILLING		9 3/4	29 1/4
PULLING DRILL RODS = Install 140'		1/4	2 1/2
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM			
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE			
VOLCLAY — CEMENTING — TREMMING — DEVELOPMENT			
SAMPLING — DRIVE — CONTINUOUS — SHIELBY TYPE			
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN			
TOTAL HOURS		10 1/2	31 1/2
MATERIALS USED			
CORE BOXES	CEMENT		
DRILL MUD & FOAM ADDITIVES	BITS, TROCHES	HAMMER	DIAMOND
CASING	CASING SHOES	SAND	
PVC	CAPE	SCREEN	CENTRALIZERS
VOLCLAY	BENTONITE PELLETS		
MISCELLANEOUS			
DAILY SUMMARY			
DRILLER W. M. C. Smith		START 6 45	STOP 5 15
HELPER Scott Steady		START 6 45	STOP 5 15
SUPERVISOR Ernest Chiff		START 6 45	STOP 5 15
SHIFT <input checked="" type="checkbox"/> D <input type="checkbox"/> A <input type="checkbox"/> N		FOREMAN Kristen L. Kerner	
APPROVED		COMPANY REPRESENTATIVE	



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DAILY SHIFT REPORT

PROJECT <i>Lac Almonats</i>		NO <i>123</i>		LOCATION <i>Lake Jack Hill</i>		
DRILL <i>650</i>		DATE <i>July 28, 1989</i>				
AXLE NO	SIZE	ANGLE	FROM	TO	DRILLED	CODE
<i>RE 25</i>	<i>5 1/2</i>	<i>90°</i>	<i>605</i>	<i>580</i>	<i>75</i>	
REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.						
MOBILIZATION & DEMOBILIZATION (Travel to and from sleeping area to drill site)						
RIGGING UP & DOWN, MOVING BETWEEN SITES						
DRILL SITE PREPARATION						
DRILLING						
PULLING DRILL RODS						
WATER HAULING — ADDING MAINTENANCE TO WATER SYSTEM						
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE <i>Repair Discharge elbo</i>						
VOLCLAY — CEMENTING — TREMMING — DEVELOPMENT						
SAMPLING — DRYE — CONTINUOUS — SHELBY TUBE						
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN						
TOTAL HOURS					<i>10 1/4</i>	<i>30 1/4</i>
MATERIALS USED						
CORE BOXES			CEMENT			
DRILL MUD & FOAM ADDITIVES			BITS TROONE <i>HAMMER 24176</i> DIAMOND			
CASINO			CASINO SPHERS			
PVC			SAND			
VOLCLAY			SCAMM <i>CENTRALCOPR</i>			
MONTONITE PELLETS						
MISCELLANEOUS						
LAST SUMMARY <i>New 5 1/8" try core put on</i>						
<i>Filled water truck after hrs (SATT) 1 hr no charge</i>						
DRILLER <i>MYC Smith</i>		START <i>6:45</i>	STOP <i>5:00</i>	TT	MRS <i>10 1/4</i>	SHIFT <input type="checkbox"/> D <input type="checkbox"/> A <input type="checkbox"/> N <input type="checkbox"/>
REPAIR <i>Scott Stender</i>		<i>11</i>	<i>6:00</i>		<i>11 1/4</i>	FOREMAN
TRENOR <i>Chaff</i>		<i>11</i>	<i>6:00</i>		<i>10 1/4</i>	APPROVED <i>Brian R. Kerner</i>
						COMPANY REPRESENTATIVE



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DAILY SHIFT REPORT

PROJECT <i>Lac Minerals</i>		NO <i>12.3</i>		LOCATION <i>Lakeport N.E.</i>	
DATE <i>650</i>		DATE <i>July 27, 1989</i>			
WELL NO	SIZE	ANGLE	FROM	TO	DRILLED
<i>RE 25</i>	<i>5 1/2</i>	<i>90°</i>	<i>580</i>	<i>640</i>	<i>60</i>
<i>RE 26</i>	<i>5 1/2</i>	<i>60°</i>	<i>0</i>	<i>45</i>	<i>45</i>

REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.	DRILL SHIFT HOURS	MAN HOURS	BILLABLE HOURS
Mobilization & Demobilization (Travel to and from staging area to site)			
Rigging up & down, moving between sites <i>& Puller hole</i>	<i>1/2</i>	<i>1 1/2</i>	<i>1/2</i>
Drill site preparation			
Drilling	<i>7 3/4</i>	<i>23 1/4</i>	<i>7 3/4</i>
Pulling drill rods	<i>2</i>	<i>6</i>	<i>2</i>
Water hauling — including maintenance to water system			
General drill rig or water truck maintenance			
Volclay — cementing — trellising — development			
Sampling — Dave — continuous — Shelby tube			
Standby for hole survey or other delay time — explain			
TOTAL HOURS	<i>10 1/4</i>		<i>10 1/4</i>

MATERIALS USED			
COKE BOXES <i>One new copper ring</i>	CEMENT		
DRILL MUD & FOAM ADDITIVES	BITS, THIMERS	HAMMERS	DIAMOND
CASING	CASING SHOES	SAND	
PVC	CAPE	SCREEN	CENTRALIZERS
VOLCLAY	BENTONITE PELLETS		
MISCELLANEOUS			
DAILY SUMMARY			

DRILLER <i>W. M. C. Smith</i>	START <i>7:00</i>	STOP <i>5:15</i>	T.T. <i> </i>	HRS <i>10 1/4</i>	SHIFT <input type="checkbox"/> D <input type="checkbox"/> A <input type="checkbox"/> N <input type="checkbox"/>
HELPER <i>Scott Stender</i>	"	"	"	<i>10 1/4</i>	FOREMAN <i> </i>
<i>Treavor Chiff</i>	"	"	"	<i>10 1/4</i>	APPROVED <i>Kristen L. Benner</i> COMPANY REPRESENTATIVE



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DAILY SHIFT REPORT

PROJECT <i>LAC Minerals</i> NO <i>123</i>		LOCATION <i>hewlett New</i>				
HOLE NO <i>650</i>		DATE <i>July 28, 1988</i>				
HOLE NO	SIZE	ANGLE	FROM	TO	DRAILED	COMP
<i>RE 26</i>	<i>5 1/2</i>	<i>60°</i>	<i>75</i>	<i>405</i>	<i>360</i>	
REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.						
MOBILIZATION & DEMOBILIZATION (Travel to and from staging area to drill site)						
RODING UP <input checked="" type="checkbox"/> MOVING BETWEEN SITES <i>ie consolidating to move</i>						
DRILL SITE PREPARATION						
DRILLING						
PULLING DRILL RODS						
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM						
GENERAL DRILLING OR WATER TRUCK MAINTENANCE						
VOLCLAY — CEMENTING — TREMING — DEVELOPMENT						
SAMPLING — DRIVE — CONTINUOUS — SHELBY TUBE						
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN						
TOTAL HOURS					<i>10</i>	<i>30</i>
MATERIALS USED						
CORE BOXES			CEMENT			
DRILL MUD & FOAM ADDITIVES			BITS, TRICONS HAMMER DIAMOND			
CASING <i>4" of 6"</i> CASING SHOES			SAND			
PVC CAPS			SCREEN CENTRALIZERS			
VOLCLAY			BENTONITE PELLETS			
MISCELLANEOUS						
DAILY SUMMARY <i>unable to pull 4" of 6" casing in RE 25</i>						
DRILLER <i>W. McCoy Smith</i>		START <i>7:00</i>	STOP <i>5:00</i>	Y.T.	HRS <i>10</i>	SHIFT <input type="checkbox"/> D <input type="checkbox"/> A <input type="checkbox"/> N <input type="checkbox"/>
HELPER <i>Scott Stender</i>		"	"		<i>10</i>	FOREMAN
<i>Trevor Cheff</i>		"	"		<i>10</i>	APPROVED <i>Kristen L. Kemner</i> COMPANY REPRESENTATIVE



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DAILY SHIFT REPORT

PROJECT <i>LAC Minerals</i>		NO <i>123</i>		LOCATION <i>Hamlock A-1</i>			
DRILL <i>650</i>		DATE <i>July 29, 1989</i>					
HOLE NO	DEPT	ANGLE	FROM	TO	CALLED	CORE	
<i>RE# 27</i>	<i>5 1/2</i>	<i>90°</i>	<i>0</i>	<i>465</i>	<i>465</i>		
REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.							
MOBILIZATION & DEMOBILIZATION (Time in and from camp; Area in and out)							
RIGGING UP & DOWN, MOVING BETWEEN SITES <i>Collar hole + Put on Hammer bit</i>							
DRILL SITE PREPARATION							
DRILLING							
PULLING DRILL RODS							
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM							
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE							
VOLCLAY — CEMENTING — TREMING — DEVELOPMENT							
SAMPLING — DRIVE — CONTINUOUS — SHELBY TUBE							
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN							
TOTAL HOURS					<i>10</i>	<i>30</i>	<i>10</i>
MATERIALS USED							
CORE BOXES			CEMENT				
DRILL MUD & FOAM ADDITIVES			BITS TRUCKING HAMMER DIAMOND				
CASING			CASING SHOES SAND				
PVC			CAPS SCREWS CENTRALIZERS				
VOLCLAY			BENTONITE PELLETS				
MISCELLANEOUS							
DAILY SUMMARY <i>Put on used Hammer bit</i>							
DRILLER <i>W. J. Smith</i>		START <i>7:00</i>	STOP <i>5:00</i>	TT	HRS <i>10</i>	SHIFT <input type="checkbox"/> D <input type="checkbox"/> A <input type="checkbox"/> N	
HELPER <i>Scott Stander</i>		<i>11</i>	<i>11</i>		<i>10</i>	FOREMAN	
<i>Trevor Chaff</i>		<i>11</i>	<i>11</i>		<i>10</i>	APPROVED <i>Kristen Kerner</i> COMPANY REPRESENTATIVE	

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DAILY SHIFT REPORT

PROJECT		NO.		LOCATION	
DRIAL		DATE		TIME	
LAC Minerals		123		Lac Seul NV	
				July 31, 1989	
HOLE NO.	SIZE	ANGLE	FROM	TO	DRILLER
RE #28	5 1/2	60°	0	365	365
REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.					DRILL SHIFT HOURS
MOBILIZATION & DEMOBILIZATION (Travel to and from staging area to and also)					MAN HOURS
RIGGING UP & DOWN, MOVING BETWEEN SITES					BILLABLE HOURS
+ Collar RE 28					1/2
DRILL SITE PREPARATION					1 1/2
DRILLING					7 1/2
PULLING DRILL RODS (RE 27)					22 1/2
WATER HAULING - INCLUDING MAINTENANCE TO WATER SYSTEM					7 1/2
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE					2 1/4
+ Repair Elbow					6 3/4
VOLCLAY - CEMENTING - THEAMING - DEVELOPMENT					2 1/4
SAMPLING - DRIVE - CONTINUOUS - SHALY TUBE					
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME - EXPLAIN					
TOTAL HOURS					10 1/2
					30 3/4
					10 1/4
MATERIALS USED					
CORE BOXES			CEMENT		
DRILL MUD & FOAM ADDITIVES			BITS TRICONE		
CASING			HAMMER		
CASING SHOES			DIAMOND		
PVC			SAND		
CAPS			SCREEN		
VOLCLAY			CENTRALIZERS		
			BENTONITE PELLETS		
MISCELLANEOUS					
DAILY SUMMARY					
One new casing ring					
DRILLER		START	STOP	TT	HRS
Wm C Smith		6:45	5:15		10 1/2
HELPER		START	STOP	TT	HRS
Scott Stevenson		6:45	5:15		10 1/2
Trevor Chiff		6:45	5:15		10 1/2
SHIFT		D <input type="checkbox"/> A <input type="checkbox"/> N <input type="checkbox"/>			
FOREMAN					
APPROVED		Knutson & Kerner			
		COMPANY REPRESENTATIVE			



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DAILY SHIFT REPORT

PROJECT Lac Minerals			NO 123		LOCATION Kavaloak NV	
DATE Aug 1st 1989						
DRILL	650					
HOE NO	SIZE	ANGLE	FROM	TO	DRILLED	COPE
RE 28	5 1/2	60°	365	445	120	
RE 29	5 1/2	60°	0	15	15	
REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.					DRILL SHIFT HOURS	MAN HOURS
MOBILIZATION & DEMOBILIZATION (Time to and from staging area to and from site)						
RIGGING UP & DOWN, MOVING BETWEEN SITES Collar hole					1	3
DRILL SITE PREPARATION						
DRILLING					7	21
PULLING DRILL RODS					2	6
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM						
GENERAL DRILL RIG ON WATER TRUCK MAINTENANCE						
VOLCLAY — CEMENTING — THEMING — DEVELOPMENT						
SAMPLING — DRIVE — CONTINUOUS — SHELBY TUBE						
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN						
TOTAL HOURS					10	30
MATERIALS USED						
CORE BOXES			CEMENT			
DRILL MUD & FOAM ADDITIVES			BITS & TROONE HAMMER DIAMOND			
CASING 4 1/2" casing in 120			SAND			
PVC			SCREEN CENTRALIZERS			
VOLCLAY			BENTONITE PELLETS			
MISCELLANEOUS						
DRILL SUMMARY Done new water ring						
DRILLER Wayne Smith			START 7:00	STOP 5:00	TT 10	MAE
NEEDER Scott Stricker			11	11	10	
Travis Cliff			11	11	10	
SHIFT <input checked="" type="checkbox"/> D <input type="checkbox"/> A <input type="checkbox"/> N			FOREMAN			
APPROVED Brian J. Kerner			COMPANY REPRESENTATIVE			



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DAILY SHIFT REPORT

PROJECT <i>Lac Minerals</i>		NO <i>123</i>		LOCATION <i>Lake Lake NV</i>	
SHELL <i>6.50</i>		DATE <i>Aug 3, 1989</i>			
WELL NO	SITE	ANGLE	FROM	TO	DRAILED
<i>RE 29</i>	<i>5 1/2</i>	<i>60°</i>	<i>405</i>	<i>505</i>	<i>100</i>
CORE					
REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.					
MOBILIZATION & DEMOBILIZATION (T'RYEIN and both ending area to 045 045)					
RIGGING UP & DOWN, MOVING BETWEEN SITES					
DRILL SITE PREPARATION					
DRILLING					
PULLING DRILL RODS					
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM					
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE					
VOIDLAY — CEMENTING — TREMING — DEVELOPMENT					
SAMPLING — DRIVE — CONTINUOUS — SILENT TUBE					
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN					
TOTAL HOURS					
					<i>10</i>
					<i>30</i>
					<i>9</i>
MATERIALS USED					
CORE BONES			CEMENT		
DRILL MUD & FOAM ADDITIVES			BTS. TROONE HAMMER DIAMOND		
<i>using 6' of 6" casing LASTING ONCE</i>			SAND		
PVC CAPS			SCREEN CENTRALIZERS		
VOIDLAY			BENTONITE PELLETS		
MISCELLANEOUS					
DAILY SUMMARY					
DRILLER <i>W. T. C. Smith</i>					
START <i>6:30</i> STOP <i>3:30</i> TT <i>1</i> HRS <i>10</i>					
FOREMAN <i>Leah Trenor</i>					
APPROVED <i>Kristen Kemner</i>					
COMPANY REPRESENTATIVE					



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DAILY SHIFT REPORT

PROJECT		NO. <i>123</i>		LOCATION		
DRILL		DATE <i>July 25, 1999</i>				
HOLE NO.	SIZE	ANGLE	FROM	TO	DRILLED	CORE
<i>RE# 25</i>	<i>5 1/2</i>	<i>90°</i>	<i>345</i>	<i>505</i>	<i>160</i>	
REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.					DRILL SHIFT HOURS	MAN HOURS
MOBILIZATION & DEMOBILIZATION (Travel to and from staging area to drill site)						
RIGGING UP & DOWN, MOVING BETWEEN SITES						
DRILL SITE PREPARATION						
DRILLING					<i>9 3/4</i>	<i>19 1/2</i>
PULLING DRILL RODS = <i>install 140'</i>					<i>3/4</i>	<i>2 1/2</i>
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM						
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE						
VOLCLAY — CEMENTING — TREMMING — DEVELOPMENT						
SAMPLING — DRIVE — CONTINUOUS — SHELBY TUBE						
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN						
TOTAL HOURS					<i>10 1/2</i>	<i>31 1/2</i>
MATERIALS USED:						
CORE BOXES			CEMENT			
DRILL MUD & FOAM ADDITIVES			BITS: TRICONE HAMMER DIAMOND			
CASING		CASING SHOES	SAND			
PVC	CAPS		SCREEN CENTRALIZERS			
VOLCLAY			BENTONITE PELLETS			
MISCELLANEOUS						
DAILY SUMMARY						
DRILLER			START	STOP	T.T.	HRS.
<i>Wm C Smith</i>			<i>6:45</i>	<i>5:15</i>		<i>10 1/2</i>
HELPER						
<i>Scott Stender</i>			<i>6:45</i>	<i>5:15</i>		<i>10 1/2</i>
<i>Kenneth Cheff</i>			<i>6:45</i>	<i>5:15</i>		<i>10 1/2</i>
SHIFT			D <input type="checkbox"/> A <input type="checkbox"/> N <input type="checkbox"/>			
FOREMAN						
APPROVED			<i>Kristen L. Kerner</i>			
			COMPANY REPRESENTATIVE			



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****IMPORTANT****

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DAILY SHIFT REPORT

PROJECT <i>Lai Minerals</i>		NO. <i>123</i>		LOCATION <i>Love Rock NV</i>		
DRILL <i>650</i>		DATE <i>July 28, 1989</i>				
HOLE NO.	SIZE	ANGLE	FROM	TO	DRILLED	CORE
<i>RE 25</i>	<i>5 1/2</i>	<i>90°</i>	<i>605</i>	<i>580</i>	<i>75</i>	
REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.					DRILL SHIFT HOURS	MAN HOURS
MOBILIZATION & DEMOBILIZATION (Travel to and from staging area to drill site)						
RIGGING UP & DOWN, MOVING BETWEEN SITES						
DRILL SITE PREPARATION						
DRILLING					<i>6</i>	<i>18</i>
PULLING DRILL RODS					<i>4</i>	<i>12</i>
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM					<i>1</i>	<i>1</i>
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE <i>Repair Discharge elbo</i>					<i>1/4</i>	<i>3/4</i>
VOLCLAY — CEMENTING — TREMMING — DEVELOPMENT						
SAMPLING — DRIVE — CONTINUOUS — SHELBY TUBE						
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN						
TOTAL HOURS					<i>10 1/4</i>	<i>30 3/4</i>
MATERIALS USED:						
CORE BOXES			CEMENT			
DRILL MUD & FOAM ADDITIVES			BITS: TRICONE HAMMER <i>24176</i> DIAMOND			
CASING		CASING SHOES	SAND			
PVC		CAPS	SCREEN CENTRALIZERS			
VOLCLAY			BENTONITE PELLETS			
MISCELLANEOUS						
DAILY SUMMARY <i>New 5 1/2" tricone put on</i> <i>Filled water truck after hrs (Spitt) 1 hr no charge</i>						
DRILLER <i>W.C. Smith</i>		START <i>6:45</i>	STOP <i>5:00</i>	T.T.	HRS. <i>10 1/4</i>	SHIFT D <input type="checkbox"/> A <input type="checkbox"/> N <input type="checkbox"/>
HELPER <i>Scott Stender</i> <i>Trevor Cheff</i>		<i>11</i>	<i>6:00</i>		<i>11 1/2</i>	FOREMAN
		<i>11</i>	<i>5:00</i>		<i>10 1/4</i>	APPROVED <i>Kristen R. Kemner</i> COMPANY REPRESENTATIVE



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DAILY SHIFT REPORT

PROJECT <i>Lac Minerals</i>		NO. <i>123</i>		LOCATION <i>Lovelock NV</i>		
DRILL <i>650</i>		DATE <i>July 27, 1989</i>				
HOLE NO.	SIZE	ANGLE	FROM	TO	DRILLED	CORE
<i>RE 25</i>	<i>5 1/2</i>	<i>90°</i>	<i>580</i>	<i>640</i>	<i>60</i>	
<i>RE 26</i>	<i>5 1/2</i>	<i>60°</i>	<i>0</i>	<i>45</i>	<i>45</i>	

REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.	DRILL SHIFT HOURS	MAN HOURS	BILLABLE HOURS
MOBILIZATION & DEMOBILIZATION (Travel to and from staging area to drill site)			
RIGGING UP & DOWN, MOVING BETWEEN SITES <i>+ Collar hole</i>	<i>1/2</i>	<i>1 1/2</i>	<i>1/2</i>
DRILL SITE PREPARATION			
DRILLING	<i>7 3/4</i>	<i>25 1/4</i>	<i>7 3/4</i>
PULLING DRILL RODS	<i>2</i>	<i>6</i>	<i>2</i>
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM			
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE			
VOLCLAY — CEMENTING — TREMMING — DEVELOPMENT			
SAMPLING — DRIVE — CONTINUOUS — SHELBY TUBE			
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN			
TOTAL HOURS	<i>10 1/4</i>		<i>10 1/4</i>

MATERIALS USED:			
CORE BOXES <i>one new copper ring</i>	CEMENT		
DRILL MUD & FOAM ADDITIVES	BITS: TRICONE	HAMMER	DIAMOND
CASING CASING SHOES	SAND		
PVC CAPS	SCREEN	CENTRALIZERS	
VOLCLAY	BENTONITE PELLETS		
MISCELLANEOUS			
DAILY SUMMARY			

DRILLER <i>Wm C Smith</i>	START <i>7:00</i>	STOP <i>5:15</i>	T.T.	HRS. <i>10 1/4</i>	SHIFT <input checked="" type="checkbox"/> D <input type="checkbox"/> A <input type="checkbox"/> N <input 5"="" type="checkbox/></td> </tr> <tr> <td>HELPER <i>Scott Stender</i>
<i>Lester Chaff</i></td> <td><i>11</i></td> <td><i>11</i></td> <td></td> <td><i>10 1/4</i>
<i>10 1/4</i></td> </tr> <tr> <td colspan="/> FOREMAN	APPROVED <i>Brian L. Kenner</i> COMPANY REPRESENTATIVE



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DAILY SHIFT REPORT

PROJECT <i>LAC Minerals</i>		NO. <i>123</i>		LOCATION <i>havelock New</i>		
DRILL <i>650</i>		DATE <i>July 28, 1989</i>				
HOLE NO.	SIZE	ANGLE	FROM	TO	DRILLED	CORE
<i>RE 26</i>	<i>5 1/2</i>	<i>60°</i>	<i>45</i>	<i>405</i>	<i>360</i>	

REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.	DRILL SHIFT HOURS	MAN HOURS	BILLABLE HOURS
MOBILIZATION & DEMOBILIZATION (Travel to and from staging area to drill site)			
RIGGING UP & DOWN, MOVING BETWEEN SITES <i>ie. CONSOLIDATING to move</i>	<i>1/4</i>	<i>3/4</i>	<i>1/4</i>
DRILL SITE PREPARATION			
DRILLING	<i>8</i>	<i>24</i>	<i>8</i>
PULLING DRILL RODS	<i>1 3/4</i>	<i>5 1/4</i>	<i>1 3/4</i>
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM			
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE			
VOLCLAY — CEMENTING — TREMMING — DEVELOPMENT			
SAMPLING — DRIVE — CONTINUOUS — SHELBY TUBE			
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN			
TOTAL HOURS	<i>10</i>	<i>30</i>	<i>10</i>

MATERIALS USED:			
CORE BOXES	CEMENT		
DRILL MUD & FOAM ADDITIVES	BITS: TRICONE	HAMMER	DIAMOND
CASING <i>4' of 6"</i>	CASING SHOES	SAND	
PVC	CAPS	SCREEN	
VOLCLAY	CENTRALIZERS		
	BENTONITE PELLETS		
MISCELLANEOUS			
DAILY SUMMARY <i>unable to pull 4' of 6" casing in RE 25</i>			

DRILLER <i>Wm C Smith</i>	START <i>7:00</i>	STOP <i>5:00</i>	T.T.	HRS. <i>10</i>	SHIFT <input checked="" type="checkbox"/> D <input type="checkbox"/> A <input type="checkbox"/> N <input type="checkbox"/>
HELPER <i>Scott Stender</i>	<i>11</i>	<i>11</i>		<i>10</i>	
<i>Trevor Chaff</i>	<i>11</i>	<i>11</i>		<i>10</i>	FOREMAN <i>_____</i>
					APPROVED <i>Brian L Kemmer</i>
					COMPANY REPRESENTATIVE



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DAILY SHIFT REPORT

PROJECT <i>LAC Minerals</i>		NO. <i>123</i>		LOCATION <i>hopedock NV</i>			
DRILL <i>650</i>		DATE <i>July 29, 1959</i>					
HOLE NO.	SIZE	ANGLE	FROM	TO	DRILLED	CORE	
<i>REF # 27</i>	<i>5 1/2</i>	<i>90°</i>	<i>0</i>	<i>465</i>	<i>465</i>		
REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.					DRILL SHIFT HOURS	MAN HOURS	BILLABLE HOURS
MOBILIZATION & DEMOBILIZATION (Travel to and from staging area to drill site)							
RIGGING UP & DOWN, MOVING BETWEEN SITES <i>Collar hole + Put on Hammer bit</i>					<i>1</i>	<i>3</i>	<i>1</i>
DRILL SITE PREPARATION							
DRILLING					<i>9</i>	<i>27</i>	<i>9</i>
PULLING DRILL RODS							
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM							
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE							
VOLCLAY — CEMENTING — TREMMING — DEVELOPMENT							
SAMPLING — DRIVE — CONTINUOUS — SHELBY TUBE							
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN							
TOTAL HOURS					<i>10</i>	<i>30</i>	<i>10</i>
MATERIALS USED:							
CORE BOXES				CEMENT			
DRILL MUD & FOAM ADDITIVES				BITS: TRICONE		HAMMER DIAMOND	
CASING		CASING SHOES		SAND			
PVC		CAPS		SCREEN		CENTRALIZERS	
VOLCLAY				BENTONITE PELLETS			
MISCELLANEOUS							
DAILY SUMMARY <i>Put on used Hammer bit</i>							
DRILLER <i>Wm C Smith</i>		START	STOP	T.T.	HRS.	SHIFT <input checked="" type="checkbox"/> D <input type="checkbox"/> A <input type="checkbox"/> N <input type="checkbox"/>	
HELPER <i>Scott Stender</i>		<i>7:00</i>	<i>5:00</i>		<i>10</i>	FOREMAN	
<i>Trevor Cheff</i>		<i>11</i>	<i>11</i>		<i>10</i>	APPROVED <i>Kristen L Kerner</i>	
		<i>11</i>	<i>11</i>		<i>10</i>	COMPANY REPRESENTATIVE	



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DAILY SHIFT REPORT

PROJECT <i>Lac Minerals</i>		NO. <i>123</i>		LOCATION <i>Shorelock NV</i>			
DRILL <i>650</i>		DATE <i>July 30, 1989</i>					
HOLE NO.	SIZE	ANGLE	FROM	TO	DRILLED	CORE	
<i>RE-27</i>	<i>5 1/2 x 5 1/4</i>	<i>90°</i>	<i>465</i>	<i>580</i>	<i>115</i>		

REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.	DRILL SHIFT HOURS	MAN HOURS	BILLABLE HOURS
MOBILIZATION & DEMOBILIZATION (Travel to and from staging area to drill site)			
RIGGING UP & DOWN, MOVING BETWEEN SITES			
DRILL SITE PREPARATION			
DRILLING	<i>6</i>	<i>18</i>	<i>6</i>
PULLING DRILL RODS	<i>4</i>	<i>12</i>	<i>4</i>
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM			
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE	<i>1/2</i>	<i>1 1/2</i>	<i>12</i>
VOLCLAY — CEMENTING — TREMMING — DEVELOPMENT			
SAMPLING — DRIVE — CONTINUOUS — SHELBY TUBE			
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN			
TOTAL HOURS	<i>10 1/2</i>	<i>31 1/2</i>	<i>10</i>

MATERIALS USED:			
CORE BOXES	CEMENT		
DRILL MUD & FOAM ADDITIVES	BITS: TRICONE <i>5 1/4" (29633)</i> HAMMER DIAMOND		
CASING CASING SHOES	SAND		
PVC CAPS	SCREEN CENTRALIZERS		
VOLCLAY	BENTONITE PELLETS		
MISCELLANEOUS			
DAILY SUMMARY			
<i>Put on new tricone bit</i>			
<i>water haul while rig is running</i>			

DRILLER <i>Wm E Smith</i>	START <i>7:00</i>	STOP <i>5:30</i>	T.T.	HRS. <i>10 1/2</i>	SHIFT D <input type="checkbox"/> A <input type="checkbox"/> N <input type="checkbox"/> FOREMAN APPROVED <i>Kristen L. Bunn</i> COMPANY REPRESENTATIVE
HELPER <i>Scott Stender</i>	<i>11</i>	<i>11</i>		<i>10 1/2</i>	
<i>Trevor Cheff</i>	<i>11</i>	<i>11</i>		<i>10 1/2</i>	



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DAILY SHIFT REPORT

PROJECT <i>LAC Minerals</i>		NO. <i>123</i>		LOCATION <i>Long Jack NV</i>			
DRILL		DATE <i>July 31, 1989</i>					
HOLE NO.	SIZE	ANGLE	FROM	TO	DRILLED	CORE	
<i>RE #28</i>	<i>5 1/2</i>	<i>60°</i>	<i>0</i>	<i>365</i>	<i>365</i>		
REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.					DRILL SHIFT HOURS	MAN HOURS	BILLABLE HOURS
MOBILIZATION & DEMOBILIZATION (Travel to and from staging area to drill site)							
RIGGING UP & DOWN, MOVING BETWEEN SITES <i>+ Collar RE28</i>					<i>1/2</i>	<i>1 1/2</i>	<i>1/2</i>
DRILL SITE PREPARATION							
DRILLING					<i>7 1/4</i>	<i>22 1/2</i>	<i>7 1/2</i>
PULLING DRILL RODS <i>(RE27)</i>					<i>2 1/4</i>	<i>6 3/4</i>	<i>2 1/4</i>
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM							
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE <i>+ Repair Elbo</i>					<i>1/4</i>	<i>3/4</i>	<i>0</i>
VOLCLAY — CEMENTING — TREMMING — DEVELOPMENT							
SAMPLING — DRIVE — CONTINUOUS — SHELBY TUBE							
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN							
TOTAL HOURS					<i>10 1/2</i>	<i>30 3/4</i>	<i>10 1/4</i>
MATERIALS USED:							
CORE BOXES				CEMENT			
DRILL MUD & FOAM ADDITIVES				BITS: TRICONE		HAMMER DIAMOND	
CASING		CASING SHOES		SAND			
PVC		CAPS		SCREEN		CENTRALIZERS	
VOLCLAY				BENTONITE PELLETS			
MISCELLANEOUS							
DAILY SUMMARY <i>one new copper ring</i>							
DRILLER <i>Wm C Smith</i>		START <i>6:45</i>	STOP <i>5:15</i>	T.T.	HRS. <i>10 1/2</i>	SHIFT D <input type="checkbox"/> A <input type="checkbox"/> N <input type="checkbox"/>	
HELPER <i>Scott Stephens</i> <i>Trevor Chiff</i>		<i>6:45</i>	<i>5:15</i>		<i>10 1/2</i> <i>10 1/2</i>	FOREMAN <i>Kristen Kummer</i>	
						APPROVED COMPANY REPRESENTATIVE	



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DAILY SHIFT REPORT

PROJECT <i>LAC Minerals</i>		NO. <i>123</i>		LOCATION <i>Lovelock NV</i>		
DRILL <i>650</i>		DATE <i>Aug 1st 1959</i>				
HOLE NO.	SIZE	ANGLE	FROM	TO	DRILLED	CORE
<i>RE 28</i>	<i>5 1/2</i>	<i>60°</i>	<i>365</i>	<i>485</i>	<i>120</i>	
<i>RE 29</i>	<i>5 1/2</i>	<i>60°</i>	<i>0</i>	<i>15</i>	<i>15</i>	

REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.	DRILL SHIFT HOURS	MAN HOURS	BILLABLE HOURS
MOBILIZATION & DEMOBILIZATION (Travel to and from staging area to drill site)			
RIGGING UP & DOWN, MOVING BETWEEN SITES <i>Collar hole</i>	<i>1</i>	<i>3</i>	<i>1</i>
DRILL SITE PREPARATION			
DRILLING	<i>7</i>	<i>21</i>	<i>7</i>
PULLING DRILL RODS	<i>2</i>	<i>6</i>	<i>2</i>
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM			
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE			
VOLCLAY — CEMENTING — TREMMING — DEVELOPMENT			
SAMPLING — DRIVE — CONTINUOUS — SHELBY TUBE			
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN			
TOTAL HOURS	<i>10</i>	<i>30</i>	<i>10</i>

MATERIALS USED:			
CORE BOXES	CEMENT		
DRILL MUD & FOAM ADDITIVES	BITS: TRICONE	HAMMER	DIAMOND
CASING <i>4 1/2" casing in RE 28</i>	SAND		
PVC	SCREEN	CENTRALIZERS	
VOLCLAY	BENTONITE PELLETS		
MISCELLANEOUS			
DAILY SUMMARY <i>One new wiper ring</i>			

DRILLER <i>Wm C Smith</i>	START	STOP	T.T.	HRS.	SHIFT D <input type="checkbox"/> A <input type="checkbox"/> N <input type="checkbox"/>
	<i>7:00</i>	<i>5:00</i>		<i>10</i>	
HELPER <i>Scott Stucker</i> <i>Leon Chaff</i>	<i>11</i>	<i>11</i>		<i>10</i>	FOREMAN <i>Kristen Kerner</i> APPROVED COMPANY REPRESENTATIVE
	<i>11</i>	<i>11</i>		<i>10</i>	



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DAILY SHIFT REPORT

PROJECT <i>LAC Minerals</i>		NO. <i>123</i>		LOCATION <i>hovelock NV</i>		
DRILL <i>60</i>		DATE <i>Aug 2nd 1989</i>				
HOLE NO.	SIZE	ANGLE	FROM	TO	DRILLED	CORE
<i>RE 29</i>	<i>5 1/2</i>	<i>100</i>	<i>15</i>	<i>405</i>	<i>390</i>	
REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.					DRILL SHIFT HOURS	MAN HOURS
MOBILIZATION & DEMOBILIZATION (Travel to and from staging area to drill site)						
RIGGING UP & DOWN, MOVING BETWEEN SITES						
DRILL SITE PREPARATION						
DRILLING					<i>10</i>	<i>30</i>
PULLING DRILL RODS						<i>10</i>
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM						
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE						
VOLCLAY — CEMENTING — TREMMING — DEVELOPMENT						
SAMPLING — DRIVE — CONTINUOUS — SHELBY TUBE						
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN						
TOTAL HOURS					<i>10</i>	<i>30</i>
MATERIALS USED:						
CORE BOXES			CEMENT			
DRILL MUD & FOAM ADDITIVES			BITS: TRICONE		HAMMER	DIAMOND
CASING	CASING SHOES		SAND			
PVC	CAPS		SCREEN		CENTRALIZERS	
VOLCLAY			BENTONITE PELLETS			
MISCELLANEOUS						
DAILY SUMMARY						
DRILLER <i>Wm C Smith</i>		START <i>7:00</i>	STOP <i>5:00</i>	T.T.	HRS. <i>10</i>	SHIFT <input checked="" type="checkbox"/> D <input type="checkbox"/> A <input type="checkbox"/> N <input type="checkbox"/>
HELPER <i>Scott Stender</i>		<i>11</i>	<i>11</i>		<i>10</i>	FOREMAN
<i>Trevor Clapp</i>		<i>11</i>	<i>11</i>		<i>10</i>	APPROVED <i>Kenneth Kerner</i>
COMPANY REPRESENTATIVE						



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YELLOW COPY — JOB
PINK COPY — GEOLOGIST

****IMPORTANT****

FILLING OUT SHIFT REPORTS IS AN IMPORTANT PART OF THE JOB. EACH DRILLER MUST PREPARE A SHIFT REPORT DAILY, FOR EACH SHIFT WORKED. TIME ON SHIFT REPORT MUST AGREE WITH TIME CARD. SHIFT REPORTS MUST ACCOMPANY TIME CARDS OR PAYCHECK WILL NOT BE ISSUED.

DAILY SHIFT REPORT

PROJECT <i>hsc Minerals</i>		NO. <i>123</i>		LOCATION <i>hovelock NV</i>			
DRILL <i>650</i>		DATE <i>Aug 3, 1989</i>					
HOLE NO.	SIZE	ANGLE	FROM	TO	DRILLED	CORE	
<i>RE 29</i>	<i>5 1/2</i>	<i>60°</i>	<i>405</i>				

REPORT ALL MATERIALS USED UP, WORN OUT, LEFT IN HOLE, ETC.	DRILL SHIFT HOURS	MAN HOURS	BILLABLE HOURS
MOBILIZATION & DEMOBILIZATION (Travel to and from staging area to drill site)			
RIGGING UP & DOWN, MOVING BETWEEN SITES			
DRILL SITE PREPARATION			
DRILLING	<i>6 1/2</i>		<i>6 1/2</i>
PULLING DRILL RODS	<i>2 1/2</i>		<i>2 1/2</i>
WATER HAULING — INCLUDING MAINTENANCE TO WATER SYSTEM			
GENERAL DRILL RIG OR WATER TRUCK MAINTENANCE			
VOLCLAY — CEMENTING — TREMMING — DEVELOPMENT			
SAMPLING — DRIVE — CONTINUOUS — SHELBY TUBE			
STANDBY FOR HOLE SURVEY OR OTHER DELAY TIME — EXPLAIN			
TOTAL HOURS			<i>9</i>

MATERIALS USED:			
CORE BOXES	CEMENT		
DRILL MUD & FOAM ADDITIVES	BITS: TRICONE	HAMMER	DIAMOND
CASING <i>6' of 6" casing</i> CASING SHOES	SAND		
PVC CAPS	SCREEN	CENTRALIZERS	
VOLCLAY	BENTONITE PELLETS		
MISCELLANEOUS			
DAILY SUMMARY			

DRILLER <i>Wm C Smith</i>	START <i>6:30</i>	STOP <i>3:30</i>	T.T.	HRS.	SHIFT <input checked="" type="checkbox"/> D <input type="checkbox"/> A <input type="checkbox"/> N <input type="checkbox"/>
HELPER <i>Scott Trempa</i> <i>Trevor Chaff</i>	<i>11</i>	<i>3:30</i>			
FOREMAN					<i>Kristen Kemmer</i> COMPANY REPRESENTATIVE
APPROVED					