

Mailing Address: Box 52
Central, Utah 84722

Phone 801/673-4016
or 673-4025

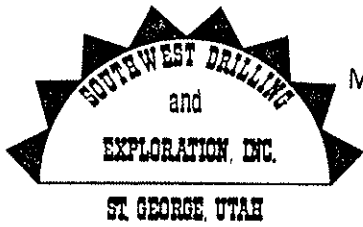
CLIENT EUB
PROJECT COR MINS.
CLIENT REP. WJ

Date: <u>1/10</u>		Hole# <u>5</u>	Rig# <u>8</u>	Supervisor:
TIME	LOG #	FOOTAGE	REMARKS	LOG REFERENCE #
5				1. Crew Travel to site
6				2. Rig Up
7				3. Reenter Hole
8				4. Drilling
9				5. Pull Pipe
10				6. Mix Mud & Fill
11				7. Coring
12				8. Install Casing/Pipe
1				9. Cementing
2				10. Rig Down
3				11. Move Rig to new site
4				12. Maintenance
5				13. Standby (Explain)
6				14. Other (Explain)
				MATERIALS USED
				Mud _____ sacks
				LC _____ Type _____
				_____ sacks
				_____ sacks
				_____ sacks
				Viscose _____
				Cement _____
				Diesel _____
				Foamer <u>1-50AL</u>
				Detergent _____
				Other _____
				CREW HOURS
				Driller: <u>1 7</u>
				Helper: <u>7 5</u>
				Helper: <u>6 5</u>

Footage: FROM 0 ' TO 110 ' TOTAL FOOTAGE 110 ' AIR MUD _____ HAMMER _____

Bit# AA 64352 changed at _____ ' Size 5 5/8" 1H

Bit# _____ changed at _____ ' Size _____ " Approved Walter Youngquist
Authorized Client Representative



Mailing Address: Box 52 Central, Utah 84722 Phone 801/673-4016 or 673-4025

CLIENT EWEB PROJECT Cas Mtns CLIENT REP. W. V.

Date: <u>7-27-79</u> Hole# <u>1</u>		Rig# <u>7</u>	Supervisor:	
TIME	LOG #	FOOTAGE	REMARKS	LOG REFERENCE #
5				1. Crew Travel to site
6				2. Rig Up
7				3. Reenter Hole
8				4. Drilling
9	<u>1</u>		<u>drilled w/ 5 5/8" bit to 20' to see how it would drill</u>	5. Pull Pipe
10	<u>4</u>			6. Mix Mud & Fill
11			<u>used 10 5/8" to 25' but hole kept falling in + had no mud yet mud man was late on delivery because truck broke down</u>	7. Coring
12				8. Install Casing/Pipe
1				9. Cementing
2				10. Rig Down
3				11. Move Rig to new site
4				12. Maintenance
5				13. Standby (Explain)
6				14. Other (Explain)
				MATERIALS USED
				Mud _____ sacks
				LC _____ Type _____
				_____ sacks
				_____ sacks
				_____ sacks
				Viscose _____
				Cement _____
				Diesel _____
				Foamer <u>10-gals</u>
				Detergent _____
				Other _____
				CREW HOURS
				Driller <u>FB/ 9</u>
				Helper <u>MB/ 9</u>
				Helper <u>DM/ 9</u>

Footage: FROM 0' TO 25' TOTAL FOOTAGE 25' AIR X MUD _____ HAMMER _____

Bit# AA64352 changed at 20' Size 5 5/8"

Bit# RN 314 changed at _____ Size 10 5/8" APPROVED

Walter Youngquist
Authorized Client Representative



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CLIENT ELWES
PROJECT CHS. MINS.
CLIENT REP. WY

Date: <u>7/78</u>		Hole# <u>2</u>		Rig# <u>8</u>		Supervisor:	
TIME	LOG #	FOOTAGE	REMARKS			LOG REFERENCE #	
11 5						1. Crew Travel to site	
12 6						2. Rig Up	
1 7	<u>13</u>		<u>WORKED ON RIGS</u>			3. Reenter Hole	
3 8						4. Drilling	
3 9	<u>14</u>		<u>SEALED PHT FOR MUD</u>			5. Pull Pipe	
4 10	<u>6</u>		<u>WATER TIPS 1 MACK</u>			6. Mix Mud & Fill	
5 11	<u>4</u>		<u>VUHAED</u>			7. Coring	
6 12		<u>30' - 10° C</u>				8. Install Casing/Pipe	
7 1	<u>6</u>					9. Cementing	
8 2	<u>4</u>	<u>40' - 11° C</u>	<u>VUHAED</u>			10. Rig Down	
9 3	<u>6</u>	<u>50' - 11° C</u>				11. Move Rig to new site	
10 4		<u>60' - 11° C</u>				12. Maintenance	
11 5	<u>4</u>		<u>HARD W/SOME SOFT LAYERS</u>			13. Standby (Explain)	
12 6	<u>14</u>		<u>RETURN TRAVEL</u>			14. Other (Explain)	

MATERIALS USED
Mud 28 sacks
LC NO Type -
2 CTNSD sacks
____ sacks
____ sacks
Viscose 1 CMC
Cement _____
Diesel _____
Foamer _____
Detergent _____
Other 1 SODA ASH

CREW HOURS
Driller 21 14
Helper 601 13.75
Helper 101 13.75

Footage: FROM 33 ' TO 160 ' TOTAL FOOTAGE 37 ' AIR _____ MUD X HAMMER _____

Bit# SHME changed at _____ ' Size BIG "

Bit# _____ changed at _____ ' Size _____ " Approved _____

Walter J. Youngquist
Authorized Client Representative



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CLIENT EWER
PROJECT _____
CLIENT REP. W. Y.

Date: <u>7-29-79</u> Hole# <u>1</u>		Rig# <u>8</u>		Supervisor:	
TIME	LOG #	FOOTAGE	REMARKS	LOG REFERENCE #	
115	1			1. Crew Travel to site	
126	4	65'-13°C		2. Rig Up	
17				3. Reenter Hole	
28				4. Drilling	
39			lost cir. at 76' + 3:30 AM	5. Pull Pipe	
410	6		w/ trip 3:40-4:25 (MACK)	6. Mix Mud & Fill	
410	4		gained cir. 77' (Ford)	7. Coring	
511	4		w/ trip 4:30-5:10	8. Install Casing/Pipe	
511	4		still drilling + losing cir.	9. Cementing	
612	6		w/ trip 6:05-6:50 (MACK)	10. Rig Down	
612	4		w/ trip 6:50-7:35 (Ford)	11. Move Rig to new site	
71	4	80'-9°C	w/ trip 8:00-8:45 (MACK)	12. Maintenance	
71	6		still drilling + getting about	13. Standby (Explain)	
82	4		60% return	14. Other (Explain)	
93	4		lost cir. again 86'-acted like a fracture in formation	MATERIALS USED	
104	6	90'-11°C	w/ trip 9:10-9:45 (Ford)	Mud TH TH TH TH sacks	
115	4			LC _____ Type _____	
126			Travel home	PAPER 11 _____ sacks	
				COTTON SEED 111 _____ sacks	
				CEDER 111 _____ sacks	
				Viscose V7E 1 _____	
				Cement _____	
				Diesel _____	
				Foamer _____	
				Detergent _____	
				Other SODIUM CMS 1 _____	
				SODA ASH 1 _____	
				CREW HOURS	
				Driller FBI 13	
				Helper MBI 13	
				Helper DWI 13	

Footage: FROM 60' TO 95' TOTAL FOOTAGE 35' AIR _____ MUD X HAMMER _____

Bit# SAME changed at _____ ' Size 10 5/8" BUTT

Bit# _____ changed at _____ ' Size _____ " Approved _____

Walter Youngquist
Authorized Client Representative



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CLIENT EWE B

PROJECT CAS. MANS.

CLIENT REP. W. Y.

Date: <u>7-29-79</u> Hole# <u>1</u>		Rig# <u>8</u>		Supervisor:	
TIME	LOG #	FOOTAGE	REMARKS	LOG REFERENCE #	
11 5	<u>2</u>			1. Crew Travel to site	
12 6				2. Rig Up	
13 7				3. Reenter Hole	
14 8	<u>4</u>			4. Drilling	
15 9				5. Pull Pipe	
16 10				6. Mix Mud & Fill	
17 11				7. Coring	
18 12				8. Install Casing/Pipe	
19 13	<u>5 & 3</u>			9. Cementing	
20 14	<u>6</u>		<u>CHECKED THE BIT AT 100' OK</u>	10. Rig Down	
21 15				11. Move Rig to new site	
22 16				12. Maintenance	
23 17				13. Standby (Explain)	
24 18				14. Other (Explain)	
25 19				MATERIALS USED	
26 20			<u>WATER TRIPS 1-MACK</u>	Mud III _____ sacks	
27 21				LC _____ Type _____	
28 22		<u>110'-120'</u>		_____ sacks	
29 23				_____ sacks	
30 24			<u>UNHAZD FORMATION</u>	_____ sacks	
31 25				_____ sacks	
32 26		<u>120'-140'</u>		Viscose _____	
33 27				Cement _____	
34 28			<u>ROUGH DRILLING THROUGH</u>	Diesel _____	
35 29			<u>A UNCONSOLIDATED LAVA FLOW</u>	Foamer _____	
36 30				Detergent _____	
37 31				Other _____	
38 32				CREW HOURS	
39 33				Driller <u>W 13</u>	
40 34				Helper <u>GO 13</u>	
41 35				Helper <u>W 13</u>	
42 36	<u>14</u>		<u>TRAVEL HOME</u>		

Footage: FROM 95' TO 127' TOTAL FOOTAGE 32 ' AIR _____ MUD X HAMMER _____

Bit# SAME changed at _____ ' Size 10 5/8"

Bit# _____ changed at _____ ' Size _____ " Approved _____

Kathy Youngquist
Authorized Client Representative



Mailing Address: Box 52
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CLIENT EWER
PROJECT _____
CLIENT REP. W.Y.

Date: <u>7-30-79</u> Hole# <u>1</u>		Rig# <u>8</u>		Supervisor:	
TIME	LOG #	FOOTAGE	REMARKS	LOG REFERENCE #	
11 5	1			1. Crew Travel to site	
12 6	4		<i>Very hard formation</i>	2. Rig Up	
1 7		<u>130'-12°C</u>		3. Reenter Hole	
2 8				4. Drilling	
3 9	4			5. Pull Pipe	
4 10				6. Mix Mud & Fill	
5 11				7. Coring	
6 12				8. Install Casing/Pipe	
7 1	4	<u>140'-12°C</u>		9. Cementing	
8 2	5		<i>change bit</i>	10. Rig Down	
9 3	4			11. Move Rig to new site	
10 4		<u>150'-16°C</u>		12. Maintenance	
11 5	6			13. Standby (Explain)	
12 6			<i>travel home</i>	14. Other (Explain)	
1				MATERIALS USED	
				Mud <u>///</u> _____ sacks	
				LC _____ Type _____	
				_____ sacks	
				_____ sacks	
				_____ sacks	
				Viscose _____	
				Cement _____	
				Diesel _____	
				Foamer _____	
				Detergent _____	
				Other _____	
				CREW HOURS	
				Driller <u>FB/13</u>	
				Helper <u>MB/13</u>	
				Helper <u>DW/13</u>	

Footage: FROM 127' TO 153' TOTAL FOOTAGE 26' AIR _____ MUD X HAMMER _____

Bit# SAME changed at 145' Size 10 5/8"

Bit# EX 183 changed at _____ Size 10 5/8" APPROVED _____

Walter Youngquist
Authorized Client Representative



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CLIENT FWEB
PROJECT CAS. MINS.
CLIENT REP. WY

7

Date: <u>7/30</u>		Hole# <u>1</u>		Rig# <u>8</u>		Supervisor:	
TIME	LOG #	FOOTAGE	REMARKS		LOG REFERENCE #		
11 5	<u>1</u>				1. Crew Travel to site		
18 6	<u>14</u>		<u>CONSULT W/FB</u>		2. Rig Up		
1 7					3. Reenter Hole		
2 8	<u>1</u>		<u>CONDITION HOLE</u>		4. Drilling		
3 9					5. Pull Pipe		
4 10					6. Mix Mud & Fill		
5 11					7. Coring		
6 12	<u>TRY 8</u>				8. Install Casing/Pipe		
7 1					9. Cementing		
8 2	<u>3 TO CLEAN</u>		<u>LC WHILE REAMING</u>		10. Rig Down		
9 3	<u>TRY 8</u>				11. Move Rig to new site		
10 4					12. Maintenance		
11 5	<u>3 TO CLEAN</u>				13. Standby (Explain)		
12 6					14. Other (Explain)		
1 1	<u>14</u>		<u>RETURN TRAVEL</u>		MATERIALS USED		

MATERIALS USED
 Mud ~~111~~ ~~111~~ _____ sacks
 LC X Type FIZAC
~~CTKSD~~ 3 sacks
~~CEDAR~~ 4 sacks
~~DICKS~~ 2 sacks
 Viscose _____
 Cement _____
 Diesel _____
 Foamer _____
 Detergent _____
 Other _____

CREW HOURS
 Driller WY
 Helper GY
 Helper WY

Footage: FROM 153 ' TO 162 ' TOTAL FOOTAGE 9 ' AIR _____ MUD X HAMMER _____

Bit# SAME changed at _____ ' Size 10 5/8 "

Bit# _____ changed at _____ ' Size _____ " Approved Walter Youngquist
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CLIENT EWE B

PROJECT Gas, Mtns

CLIENT REP. W.Y.

8

Date: <u>7-31-79</u> Hole# <u>1</u>		Rig# <u>8</u>		Supervisor:	
TIME	LOG #	FOOTAGE	REMARKS	LOG REFERENCE #	
11 5	1			1. Crew Travel to site	
12 6	1			2. Rig Up	
17			<i>Had to ream hole to bottom</i>	3. Reenter Hole	
			<i>still had trouble running casing</i>	4. Drilling	
			<i>past 50' point - had to cut</i>	5. Pull Pipe	
2 8	3	TO CLEAN	<i>casing in 10' pieces + put Kelly</i>	6. Mix Mud & Fill	
			<i>on top + use pulldowns to get</i>	7. Coring	
3 9			<i>casing to go into hole</i>	8. Install Casing/Pipe	
				9. Cementing	
4 10				10. Rig Down	
				11. Move Rig to new site	
5 11				12. Maintenance	
	8			13. Standby (Explain)	
6 12				14. Other (Explain)	
7 1				MATERIALS USED	
				Mud _____ sacks	
				LC _____ Type _____	
				_____ sacks	
				_____ sacks	
8 2			<i>155' x 8" CASING</i>	Viscose _____	
				Cement _____	
9 3	8			Diesel _____	
				Foamer _____	
10 4				Detergent _____	
				Other _____	
11 5				CREW HOURS	
				Driller <u>FB 13</u>	
12 6				Helper <u>MB 13</u>	
	14		<i>RETURN TRAVEL</i>	Helper <u>DW 13</u>	
1					

Footage: FROM 162' TO _____ ' TOTAL FOOTAGE _____ ' AIR _____ MUD X HAMMER _____

Bit# SAME changed at _____ ' Size _____ "

Bit# _____ changed at _____ ' Size _____ " Approved _____

Walter H. [Signature]
Authorized Client Representative



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CLIENT FWFB
PROJECT CAS. MANS.
CLIENT REP. WY

Date: <u>7/31</u>		Hole# <u>2</u>		Rig# <u>8</u>	Supervisor:	
TIME	LOG #	FOOTAGE	REMARKS		LOG REFERENCE #	
15	<u>2</u>				1. Crew Travel to site 2. Rig Up 3. Reenter Hole 4. Drilling 5. Pull Pipe 6. Mix Mud & Fill 7. Coring 8. Install Casing/Pipe 9. Cementing 10. Rig Down 11. Move Rig to new site 12. Maintenance 13. Standby (Explain) 14. Other (Explain)	
16	<u>2</u>					
17	<u>8</u>		<u>CENTER & CUT CASING</u>			
28						
30	<u>9</u>					
46						
51			<u>W.O.C.</u>			MATERIALS USED
62						Mud _____ sacks
71	<u>13</u>					LC _____ Type _____
82						_____ sacks
93						_____ sacks
104	<u>13</u>		<u>W.O.C.</u>			Viscose _____
115						Cement <u>30</u>
126						Diesel _____
1					Foamer _____	
					Detergent _____	
					Other _____	
					CREW HOURS	
					Driller <u>24</u> <u>7.5</u>	
					Helper <u>30</u> <u>7.5</u>	
					Helper <u>18</u> <u>7.5</u>	

Footage: FROM _____ ' TO _____ ' TOTAL FOOTAGE _____ ' AIR _____ MUD _____ HAMMER _____

Bit# _____ changed at _____ ' Size _____ "

Bit# _____ changed at _____ ' Size _____ " Approved _____

Walter Youngquist
Authorized Client Representative



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CLIENT E W E D
PROJECT Cad Mtns
CLIENT REP. W. Y.

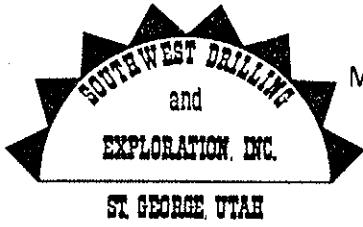
Date: <u>5.1.79</u>		Hole# <u>1</u>	Rig# <u>8</u>	Supervisor:
TIME	LOG #	FOOTAGE	REMARKS	LOG REFERENCE #
5				1. Crew Travel to site 2. Rig Up 3. Reenter Hole 4. Drilling 5. Pull Pipe 6. Mix Mud & Fill 7. Coring 8. Install Casing/Pipe 9. Cementing 10. Rig Down 11. Move Rig to new site 12. Maintenance 13. Standby (Explain) 14. Other (Explain)
6				
7				
8				
9				
10				
11				
12				
1	<u>1</u>		<u>stopped + got fuel on way to rig</u>	
2	<u>14</u>		<u>checked cement it was very wet could not work with it</u>	
3			<u>fix spark arrester on w/pump</u>	
4			<u>fuelled rig - cleaned mud pit</u>	
5			<u>checked rig over - T.L. wasn't back</u>	
6			<u>from town yet so we went home</u>	
				MATERIALS USED Mud _____ sacks LC _____ Type _____ _____ sacks _____ sacks Viscose _____ Cement _____ Diesel _____ Foamer _____ Detergent _____ Other _____
				CREW HOURS Driller <u>FB</u> <u>3 1/2</u> Helper <u>JO</u> <u>3 1/2</u> Helper <u>TD</u> <u>3 1/2</u>

Footage: FROM _____ ' TO _____ ' TOTAL FOOTAGE _____ ' AIR _____ MUD _____ HAMMER _____

Bit# _____ changed at _____ ' Size _____ "

Bit# _____ changed at _____ ' Size _____ " Approved _____

Walter [Signature]
Authorized Client Representative



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CLIENT EWEB
PROJECT CAS. MTNS.
CLIENT REP. WY

Date: <u>8/1</u>		Hole# <u>2</u>	Rig# <u>8</u>	Supervisor:
TIME	LOG #	FOOTAGE	REMARKS	LOG REFERENCE #
5				1. Crew Travel to site
6				2. Rig Up
7				3. Reenter Hole
8				4. Drilling
9				5. Pull Pipe
10				6. Mix Mud & Fill
11				7. Coring
12				8. Install Casing/Pipe
1				9. Cementing
2				10. Rig Down
3				11. Move Rig to new site
4				12. Maintenance
5				13. Standby (Explain)
6				14. Other (Explain)
			<u>12 NOON - 12 MIDNITE</u>	
			<u>WAIT ON CEMENT</u>	
				MATERIALS USED
				Mud _____ sacks
				LC _____ Type _____
				_____ sacks
				_____ sacks
				_____ sacks
				Viscose _____
				Cement _____
				Diesel _____
				Foamer _____
				Detergent _____
				Other _____
				CREW HOURS
				Driller _____ / _____
				Helper _____ / _____
				Helper _____ / _____

Footage: FROM _____ ' TO _____ ' TOTAL FOOTAGE _____ ' AIR _____ MUD _____ HAMMER _____

Bit# _____ changed at _____ ' Size _____ "

Bit# _____ changed at _____ ' Size _____ " Approved _____

Walter Youngquist
Authorized Client Representative

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CLIENT EWEB
PROJECT CAS. MTS.
CLIENT REP. WY

Date: <u>8/2</u>		Hole# <u>1</u>		Rig# <u>8</u>	Supervisor:
TIME	LOG #	FOOTAGE	REMARKS		LOG REFERENCE #
5					1. Crew Travel to site
12/6					2. Rig Up
					3. Reenter Hole
17					4. Drilling
					5. Pull Pipe
28		<u>13</u>			6. Mix Mud & Fill
					7. Coring
38					8. Install Casing/Pipe
					9. Cementing
39					10. Rig Down
					11. Move Rig to new site
4/10			<u>WAIT ON CEMENT</u>		12. Maintenance
					13. Standby (Explain)
					14. Other (Explain)
5/11					MATERIALS USED
					Mud _____ sacks
					LC _____ Type _____
6/2					_____ sacks
					_____ sacks
7/1					_____ sacks
					_____ sacks
8/2		<u>13</u>			Viscose _____
					Cement _____
9/3					Diesel _____
					Foamer _____
10/4					Detergent _____
					Other _____
11/5					CREW HOURS
					Driller <u>1</u>
12/6					Helper <u>1</u>
					Helper <u>1</u>

Footage: FROM _____ ' TO _____ ' TOTAL FOOTAGE _____ ' AIR _____ MUD _____ HAMMER _____

Bit# _____ changed at _____ ' Size _____ "

Bit# _____ changed at _____ ' Size _____ " Approved _____

Walter Youngquist
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CLIENT ELIOT

PROJECT CHS. MANG.

CLIENT REP. WY

Date: <u>8/2</u>		Hole# <u>2</u>		Rig# <u>8</u>		Supervisor:	
TIME	LOG #	FOOTAGE	REMARKS			LOG REFERENCE #	
115						1. Crew Travel to site	
120	<u>2</u>					2. Rig Up	
130	<u>12</u>		<u>FIX BRAKES ON MACK</u>			3. Reenter Hole	
140	<u>14</u>					4. Drilling	
150	<u>14</u>					5. Pull Pipe	
160	<u>14</u>					6. Mix Mud & Fill	
170	<u>14</u>					7. Coring	
180	<u>14</u>		<u>RAT NEW BLOCKS UNDER RIG</u>			8. Install Casing/Pipe	
190	<u>8</u>		<u>RAISED & RE-LEVELLED RIG</u>			9. Cementing	
200	<u>8</u>					10. Rig Down	
210	<u>8</u>					11. Move Rig to new site	
220	<u>8</u>		<u>CUT CASING OFF</u>			12. Maintenance	
230	<u>8</u>		<u>WELDED FLANGE ON THE</u>			13. Standby (Explain)	
240	<u>8</u>		<u>CASING. WHEN I LOOKED</u>			14. Other (Explain)	
250	<u>8</u>		<u>DOWN THE CASING I SAW</u>			MATERIALS USED	
260	<u>14</u>		<u>THAT IT WAS BROKEN</u>			Mud <u>3</u> sacks	
270	<u>14</u>		<u>AT 10'</u>			LC _____ Type _____	
280	<u>14</u>		<u>DUG CASING & CEMENT</u>			_____ sacks	
290	<u>14</u>		<u>OUT & RE-WELDED CASING.</u>			_____ sacks	
300	<u>14</u>					_____ sacks	
310	<u>14</u>					Viscose _____	
320	<u>14</u>					Cement <u>12</u>	
330	<u>14</u>					Diesel _____	
340	<u>14</u>					Foamer _____	
350	<u>14</u>					Detergent _____	
360	<u>14</u>					Other <u>L-50LB - w/1200</u>	
370	<u>8</u>					CREW HOURS	
380	<u>8</u>		<u>RE-MOUNTED FLANGE</u>			Driller <u>14 13</u>	
390	<u>8</u>		<u>CEMENT TOP 10'</u>			Helper <u>10 12.75</u>	
400	<u>8</u>					Helper <u>10 12.75</u>	

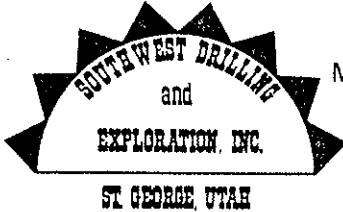
Footage: FROM _____ ' TO _____ ' TOTAL FOOTAGE _____ ' AIR _____ MUD HAMMER _____

Bit# _____ changed at _____ ' Size _____ "

Bit# _____ changed at _____ ' Size _____ " Approved _____

Walter Green
Authorized Client Representative

W



Mailing Address: Box 52
Central, Utah 84722

Phone 801/673-4016
or 673-4025

CLIENT EWEB
PROJECT CAJONES
CLIENT REP. WY

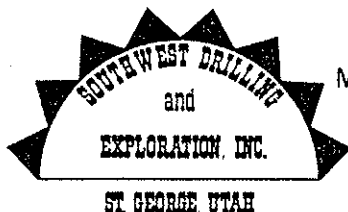
Date: <u>8/3</u>		Hole# <u>2</u>		Rig# <u>8</u>	Supervisor:	
TIME	LOG #	FOOTAGE	REMARKS		LOG REFERENCE #	
115					1. Crew Travel to site 2. Rig Up 3. Reenter Hole 4. Drilling 5. Pull Pipe 6. Mix Mud & Fill 7. Coring 8. Install Casing/Pipe 9. Cementing 10. Rig Down 11. Move Rig to new site 12. Maintenance 13. Standby (Explain) 14. Other (Explain)	
126	<u>8</u>		<u>finish installing BOP + make ready for drill</u>			
17						
28						
39						
40						
511						MATERIALS USED
612						Mud <u>///</u> _____ sacks
						LC _____ Type _____
						_____ sacks
71	<u>83</u>					_____ sacks
82			<u>drill through cement in casing to bottom of hole - stopped to pump old mud into new pit to seal bottom of pit + mix new mud</u>			Viscose _____
93	<u>6</u>		<u>- 166' broke into softer formation got hard again 182'</u>			Cement _____
104	<u>4</u>	<u>170'-11°C</u>				Diesel _____
		<u>180'-11°C</u>			Foamer _____	
		<u>190'-11°C</u>			Detergent _____	
115		<u>200'-11°C</u>			Other _____	
126					CREW HOURS	
			<u>Travel home</u>		Driller <u>FB 13</u>	
					Helper <u>MB 13</u>	
					Helper <u>DW 13</u>	

Footage: FROM 162' TO 205' TOTAL FOOTAGE 43' AIR _____ MUD X HAMMER _____

Bit# 831696 changed at _____ ' Size 6 1/4 "

Bit# _____ changed at _____ ' Size _____ " Approved _____

Walter [Signature]
Authorized Client Representative



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or 673-4025

CLIENT ELWEB

PROJECT CASHMERE

CLIENT REP. WY

15

Date:	Hole#	Rig#	Supervisor:
8/3	2	8	
TIME	LOG #	FOOTAGE	REMARKS
11:5	3		
12:6	4		CONVILLET #B
1:7	12-14		TRIED TO FIX MARK CALLED ELWEB (I HAD A MESSAGE)
2:8			
3:9	4	210'-13 ⁰ C	VVHARD DRILLING
4:10	4	220'-13 ⁰	
5:11		230'-12	
6:12	5 3 14	240'-	CHECKED BIT AT 230' CLEAN MUD PIT & RE MIX MUD
7:1			
8:2	4		
9:3			
10:4	4		
11:5			
12:6	14		FUELED 1214
1	14		TRAVEL HOME

1. Crew Travel to site
2. Rig Up
3. Reenter Hole
4. Drilling
5. Pull Pipe
6. Mix Mud & Fill
7. Coring
8. Install Casing/Pipe
9. Cementing
10. Rig Down
11. Move Rig to new site
12. Maintenance
13. Standby (Explain)
14. Other (Explain)

MATERIALS USED

Mud /// _____ sacks

LC _____ Type _____

_____ sacks

_____ sacks

_____ sacks

Viscose 1-V7E

Cement _____

Diesel _____

Foamer _____

Detergent _____

Other _____

CREW HOURS

Driller 14

Helper 30

Helper 10

Footage: FROM 205 ' TO 217 ' TOTAL FOOTAGE 62 ' AIR _____ MUD X HAMMER _____

Bit# SAIPE changed at _____ ' Size _____ "

Bit# _____ changed at _____ ' Size _____ " Approved Walter Youngquist
Authorized Client Representative



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or 673-4025

CLIENT E W E R

PROJECT Cas. Mtn

CLIENT REP. W Y.

Date: <u>8-4-79</u>		Hole# <u>1</u>		Rig# <u>8</u>	Supervisor:
TIME	LOG #	FOOTAGE	REMARKS	LOG REFERENCE #	
15					1. Crew Travel to site 2. Rig Up 3. Reenter Hole 4. Drilling 5. Pull Pipe 6. Mix Mud & Fill 7. Coring 8. Install Casing/Pipe 9. Cementing 10. Rig Down 11. Move Rig to new site 12. Maintenance 13. Standby (Explain) 14. Other (Explain)
	<u>1</u>				
16	<u>5</u>		<u>checked bit 267' - O.K.</u>		
	<u>4</u>	<u>267'-12°</u>			
17		<u>270'-12°</u>	<u>Very hard slow penetration</u>		
28			<u>277' got into softer formation</u>		
39		<u>280'-12°</u>			
		<u>290'-12°</u>			
410		<u>300'-12°</u>			
511		<u>320'-12°</u>			
612					
		<u>340'-12°</u>			
71					
		<u>360'-12°</u>			
82		<u>380'-12°</u>			
		<u>400'-12°</u>			
93					
		<u>420'-12°</u>			
104	<u>5</u>	<u>425'-12°</u>	<u>pull out & change bit</u>		
115	<u>4</u>				
		<u>445'-14°</u>			
126	<u>14</u>		<u>FUEL 1216</u>		
	<u>Travel home</u>				

MATERIALS USED

Mud _____ sacks

LC _____ Type _____

_____ sacks

_____ sacks

_____ sacks

Viscose _____

Cement _____

Diesel _____

Foamer _____

Detergent _____

Other _____

CREW HOURS

Driller FBI 13 1/4

Helper MB 13 1/4

Helper DW 13 1/4

Footage: FROM 267' TO 450' TOTAL FOOTAGE 183' AIR _____ MUD X HAMMER _____

Bit# SAME changed at 425' Size 6 1/4"

Bit# 825475 changed at _____ Size 6 1/4" Approved _____

Walter Gunnquist
Authorized Client Representative



Mailing Address: Box 52
Central, Utah 84722

Phone 801/673-4016
or 673-4025

CLIENT EWEB
PROJECT Coe Mtns
CLIENT REP. W.Y.

Date: <u>8/4</u>		Hole# <u>1</u>		Rig# <u>8</u>	Supervisor:
TIME	LOG #	FOOTAGE	REMARKS		LOG REFERENCE #
11/5	<u>2</u>				1. Crew Travel to site
11/8	<u>12</u>		<u>MOUNT RACK ON B/W P/U</u>		2. Rig Up
17	<u>4</u>	<u>460-14c</u>			3. Reenter Hole
28		<u>470-14c</u>			4. Drilling
		<u>470-15c</u>			5. Pull Pipe
39		<u>470-15c</u>			6. Mix Mud & Fill
40	<u>4</u>	<u>510-15c</u>	<u>FRLY. HARD FORMATION</u>		7. Coring
51		<u>530-15</u>			8. Install Casing/Pipe
62		<u>550-15c</u>			9. Cementing
71	<u>6</u>		<u>FILLED #2 PIT & SEALED IT UP</u>		10. Rig Down
82			<u>IT TOOK 19000 GAL. TO SEAL IT</u>		11. Move Rig to new site
93	<u>4</u>		<u>LC AT 558' + HIT SOFT STUFF</u>		12. Maintenance
104	<u>6</u>		<u>GRAD. LOSS WHILE DRILLING</u>		13. Standby (Explain)
115	<u>4</u>				14. Other (Explain)
126	<u>6</u>		<u>12 WATERZ RUNS</u>		MATERIALS USED
1					Mud <u>XXXXXXXXXXXX</u>
					LC <u>NO</u> Type <u>PIT</u>
					<u>11 PAPER</u> sacks
					_____ sacks
					_____ sacks
					Viscose <u>1-V7E</u>
					Cement _____
					Diesel _____
					Foamer _____
					Detergent _____
					Other _____
					CREW HOURS
					Driller <u>SH</u>
					Helper <u>SD</u>
					Helper <u>LD</u>

Footage: FROM 450' TO 590' TOTAL FOOTAGE 140' AIR _____ MUD X HAMMER _____

Bit# SAME changed at _____ ' Size 6 1/4"

Bit# _____ changed at _____ ' Size _____ " Approved _____

Walter J. ...
Authorized Client Representative

355-0893



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Central, Utah 84722

Phone 801/673-4016
or 673-4025

CLIENT EWEB

PROJECT Coal. Intns

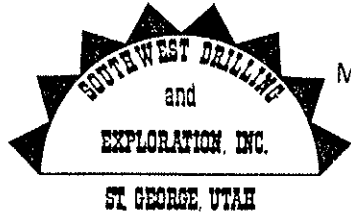
CLIENT REP. W.Y.

Date: <u>8-5-79</u>		Hole# <u>1</u>		Rig# <u>8</u>	Supervisor:
TIME	LOG #	FOOTAGE	REMARKS		LOG REFERENCE #
11 5			Stop + got fuel also had flat on		1. Crew Travel to site
	1		Right rear of R/U		2. Rig Up
12 6	4				3. Reenter Hole
	4	600' - 11°C	w/ trip 1:00 - 1:40 (Ford)		4. Drilling
17		620' - 11°C			5. Pull Pipe
		640' - 11°C			6. Mix Mud & Fill
28	4				7. Coring
					8. Install Casing/Pipe
					9. Cementing
39			w/ trip 3:05 - 3:45 (Ford)		10. Rig Down
		660' - 11°C	Started losing cir. at 650'		11. Move Rig to new site
			mix mud + LC mat + drilled with		12. Maintenance
410	4		no return to 671' - got return		13. Standby (Explain)
			w/ trip 4:15 - 4:50 (Ford)		14. Other (Explain)
511		680' - 11°C			MATERIALS USED
					Mud 14 14 14 sacks
					LC _____ Type _____
612		700' - 11°C			PAPER 111 sacks
					Cefer
					Fiber 111 sacks
					Cotton
71		720' - 11°C			SEED 111 sacks
					Viscose _____
82		740' - 11°C	w/ trip 9:15 - 9:45 (Ford)		Cement _____
		760' - 11°C			Diesel _____
93					Foamer _____
					Detergent _____
104	4	785' - 11°C	from 785' to 792' very fractured		Other SODR 65H 11
	4		basalt slow rough penetration +		
			some LC.		
115	4	800' - 11°C	w/ trip 11:20 - 12:00 (Ford)		CREW HOURS
	4	810' - 12°C			Driller FBI 13
106	4	815' - 12°C			Helper MB 13
			Travel Home		Helper Dux 13

Footage: FROM 590' TO 815' TOTAL FOOTAGE 225' AIR _____ MUD HAMMER _____

Bit# SAME changed at _____ ' Size 6 1/4"

Bit# _____ changed at _____ ' Size _____ " Approved Walter [Signature]
Authorized Client Representative



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CLIENT EWFB PROJECT CAS. MTR. CLIENT REP. WY

Date:	Hole#	Rig#	Supervisor:
8/5	2	8	
11/5	2		
12/6		FUELED P/U	
1/7			
2/8	4		
3/9		825'-14	
4/10	5	850'-14	
5/11	3	875'-14	HAD MIN. TROUBLE ON RETURN TRIP
6/12	12/1	900'-14	CLEANED PITS
7/1	6	925'-14	HAULED WHITEZ TO FILL THEM.
8/2			VVROUGH TOUCH ON BOTTOM
9/3	4		
10/4			
11/5			
12/6			
1	14	TRAVEL HOME	

1. Crew Travel to site
2. Rig Up
3. Reenter Hole
4. Drilling
5. Pull Pipe
6. Mix Mud & Fill
7. Coring
8. Install Casing/Pipe
9. Cementing
10. Rig Down
11. Move Rig to new site
12. Maintenance
13. Standby (Explain)
14. Other (Explain)

MATERIALS USED
 Mud #4111 _____ sacks
 LC _____ Type _____
 _____ sacks
 _____ sacks
 _____ sacks
 Viscose FV7E
 Cement _____
 Diesel _____
 Foamer _____
 Detergent _____
 Other _____

CREW HOURS
 Driller SH
 Helper GA
 Helper JD

Footage: FROM 815 TO 935 TOTAL FOOTAGE 120' AIR _____ MUD X HAMMER _____

Bit# SAME changed at 860 ' Size 6 1/4 "
 Bit# 1416009 changed at _____ ' Size 6 1/4 "

Approved Walter Yungquist
 Authorized Client Representative



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CLIENT EWEB PROJECT Cas. Nitro CLIENT REP. W. V.

Date: <u>8-6-79</u>		Hole # <u>1</u>		Rig # <u>8</u>		Supervisor:	
TIME	LOG #	FOOTAGE	REMARKS			LOG REFERENCE #	
115							
	1						1. Crew Travel to site
126	4						2. Rig Up
							3. Reenter Hole
17		940'-13°C					4. Drilling
							5. Pull Pipe
28		960'-13°C					6. Mix Mud & Fill
							7. Coring
39		980'-13°C					8. Install Casing/Pipe
							9. Cementing
510		1000'-13°C					10. Rig Down
							11. Move Rig to new site
511							12. Maintenance
		1020'-13°C					13. Standby (Explain)
612							14. Other (Explain)
		1040'-14°C					MATERIALS USED
71							Mud <u>///</u> _____ sacks
		1060'-14°C					LC _____ Type _____
82							_____ sacks
		1080'-14°C					_____ sacks
93							Viscose _____
		1100'-16°C					Cement _____
104	6						Diesel _____
	4						Foamer _____
		1120'-16°C					Detergent _____
115							Other _____
		1140'-16°C					CREW HOURS
126							Driller <u>EBI 17 1/2</u>
		1160'-16°C					Helper <u>MEI 13 1/4</u>
							Helper <u>DWI 13 1/4</u>
1							

W/ Trip 9:30 - 10:15 (Ford)

Travel Home

Footage: FROM 935' TO 1165' TOTAL FOOTAGE 230' AIR _____ MUD X HAMMER _____

Bit# SAME changed at _____ ' Size 6 1/4"

Bit# _____ changed at _____ ' Size _____ " Approved Walter Youngquist
Authorized Client Representative



Mailing Address: Box 52
Central, Utah 84722
Phone 801/673-4016
or 673-4025

CLIENT E W E R
PROJECT Case meters
CLIENT REP. W. Y.

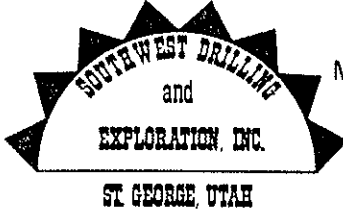
Date: <u>8-6-79</u>		Hole# <u>1</u>		Rig# <u>8</u>		Supervisor:	
TIME	LOG #	FOOTAGE	REMARKS			LOG REFERENCE #	
11 5			Helpers hauled pipe from Mack			1. Crew Travel to site	
	<u>1</u>		to site + fueled rig.			2. Rig Up	
12 6	<u>4+14</u>		F.B. drilled for J.L. until -			3. Reenter Hole	
		<u>1180'-18"</u>	<u>4:30 PM + 1245'</u>			4. Drilling	
17						5. Pull Pipe	
		<u>1200'-18"</u>				6. Mix Mud & Fill	
2 8	<u>6</u>		WATER <u>WATER</u>			7. Coring	
	<u>4</u>					8. Install Casing/Pipe	
						9. Cementing	
3 9	<u>6</u>		- added fresh water			10. Rig Down	
	<u>4</u>	<u>1230'-17"</u>				11. Move Rig to new site	
			losing air slowly from 1200'			12. Maintenance	
4 10		<u>1240'-17"</u>				13. Standby (Explain)	
						14. Other (Explain)	
5 11						MATERIALS USED	
		<u>1265'-16"</u>				Mud <u>1</u> sacks	
	<u>4</u>					LC _____ Type _____	
6 12						COTTON _____ sacks	
		<u>1285'-16"</u>				FOAM _____ sacks	
						CEMENT _____ sacks	
7 1						FIBER _____ sacks	
		<u>1300'-17"</u>				Paper _____ sacks	
						Viscose _____	
8 2	<u>4</u>		ADDED WATER			Cement _____	
		<u>1325'-15"</u>				Diesel _____	
9 3						Foamer _____	
						Detergent _____	
10 4	<u>4</u>		2 WATER TIPS			Other _____	
11 5						CREW HOURS <u>11:55</u>	
						Driller <u>FB</u>	
12 6	<u>5</u>					Helper <u>JD</u>	
						Helper <u>GO</u>	

Footage: FROM 1165' TO 1358' TOTAL FOOTAGE 193 ' AIR _____ MUD X HAMMER _____

Bit# SAME changed at 1358 ' Size 6 1/4"

Bit# 110040 changed at 1358 ' Size 10 1/4"

Approved: YB REED Walter J. Lundquist
Authorized Client Representative



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or 673-4025

CLIENT E W E B

PROJECT One Well

CLIENT REP. W.Y.

Date: <u>8-7-79</u>		Hole# <u>1</u>		Rig# <u>8</u>	Supervisor:
TIME	LOG #	FOOTAGE	REMARKS	LOG REFERENCE #	
115					1. Crew Travel to site
126	<u>1</u>				2. Rig Up
	<u>5+3</u>		<u>finish pulling pipe changed pit + re. enter hole - had to</u>		3. Reenter Hole
17			<u>ream hole from 820' - seemed like</u>		4. Drilling
			<u>bit might have been over gauge</u>		5. Pull Pipe
28					6. Mix Mud & Fill
	<u>3</u>				7. Coring
39					8. Install Casing/Pipe
					9. Cementing
410					10. Rig Down
	<u>4</u>	<u>1360'-15°C</u>	<u>drilling very fast no pull down</u>		11. Move Rig to new site
511			<u>to 1420'</u>		12. Maintenance
		<u>1380'-15°C</u>			13. Standby (Explain)
612					14. Other (Explain)
		<u>1400'-15°C</u>			MATERIALS USED
71					Mud _____ sacks
		<u>1420'-16°C</u>			LC _____ Type _____
82					_____ sacks
		<u>1440'-16°C</u>			_____ sacks
93			<u>Hard zone 1467' to 1478'</u>		Viscose _____
		<u>1460'-16°C</u>			Cement _____
104					Diesel _____
	<u>14</u>	<u>1480'-16°C</u>			Foamer _____
	<u>4</u>		<u>had to get pipe off track w/ truck</u>		Detergent _____
115					Other _____
		<u>1500'-16°C</u>			CREW HOURS
126			<u>w/ trip 12:15 - (Ford)</u>		Driller <u>FB 14</u>
	<u>4</u>	<u>1520'-16°C</u>			Helper <u>MB 14</u>
		<u>Cleaned out mud pit</u>			Helper <u>1</u>
		<u>1530'-16°C</u>			

Footage: FROM 1558' TO 1530' TOTAL FOOTAGE 172' AIR _____ MUD X HAMMER _____

Bit# JAME changed at _____ ' Size 6 1/4"

Bit# _____ changed at _____ ' Size _____ " Approved _____

Walter Youngquist
Authorized Client Representative



Mailing Address: Box 52
Central, Utah 84722

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or 673-4025

CLIENT EWEB

PROJECT CHS. MTS.

CLIENT REP. WY

Date: <u>8/17</u>		Hole# <u>2</u>	Rig# <u>8</u>	Supervisor:
TIME	LOG #	FOOTAGE	REMARKS	LOG REFERENCE #
11:5				1. Crew Travel to site
12:8			<u>JL WAS IN ELLIENE FOR PARTS</u>	2. Rig Up
17	<u>2</u>			3. Reenter Hole
				4. Drilling
			<u>ROUGH FRACTURED FORMATION</u>	5. Pull Pipe
8:8		<u>1540'-17°</u>	<u>SLOW PENETRATION RATE</u>	6. Mix Mud & Fill
				7. Coring
3:9	<u>4</u>	<u>1560'-17°</u>		8. Install Casing/Pipe
				9. Cementing
4:10		<u>1570'-17°</u>		10. Rig Down
			<u>FAIRLY HARD FORMATION</u>	11. Move Rig to new site
5:11		<u>1590-17</u>		12. Maintenance
				13. Standby (Explain)
6:12		<u>1610-17</u>		14. Other (Explain)
				MATERIALS USED
7:1	<u>4</u>	<u>1630-17</u>		Mud <u> </u> sacks
				LC _____ Type _____
8:2		<u>1650-16</u>	<u>(ADDED WATER)</u>	_____ sacks
				_____ sacks
9:3				Viscose <u>1 - V7E</u>
				Cement _____
10:4	<u>4</u>			Diesel _____
				Foamer _____
11:5			<u>1 WATER TRIP</u>	Detergent _____
				Other _____
12:6				CREW HOURS
				Driller <u>JL</u> 14.5 <u>14.5</u>
				Helper <u>GO</u> <u>12.5</u>
				Helper <u>DI</u> <u>12.5</u>
1	<u>14</u>		<u>TRAVEL HOME</u>	

Footage: FROM 1530 TO 1650 TOTAL FOOTAGE 120 AIR _____ MUD X HAMMER _____

Bit# SAME changed at _____' Size _____"

Bit# _____ changed at _____' Size _____" Approved _____

Walter Youngquist
Authorized Client Representative

3-1



Mailing Address: Box 52
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or 673-4025

CLIENT ENEB

PROJECT Cas. Titna

CLIENT REP. W.Y.

Date: <u>8-8-79</u>		Hole# <u>1</u>		Rig# <u>8</u>		Supervisor:	
TIME	LOG #	FOOTAGE	REMARKS			LOG REFERENCE #	
115			had flat on h. front B/w P.V.			1. Crew Travel to site	
126	<u>4</u>	<u>1660'-14°C</u>				2. Rig Up	
17						3. Reenter Hole	
28		<u>1680'-14°C</u>	<u>w/ trip 2:30-3:00 (Ford)</u>			4. Drilling	
39		<u>1700'-15°C</u>				5. Pull Pipe	
40	<u>4</u>		<u>V hard + rough 1710'-1718'</u>			6. Mix Mud & Fill	
511		<u>1720'-15°C</u>	<u>slow penetration</u>			7. Coring	
612		<u>1740'-15°C</u>				8. Install Casing/Pipe	
71		<u>1750'-16°C</u>				9. Cementing	
82		<u>1760'-16°C</u>				10. Rig Down	
93		<u>1780'-16°C</u>	<u>w/ trip 8:45-9:45 (Ford)</u>			11. Move Rig to new site	
104		<u>1800'-17°C</u>	<u>Very hard + slow penetration</u>			12. Maintenance	
115		<u>1820'-16°C</u>	<u>1760'-1803'</u>			13. Standby (Explain)	
126	<u>4</u>	<u>1835'-17°C</u>	<u>added water</u>			14. Other (Explain)	
1			<u>hard formation 1830'</u>			MATERIALS USED	
			<u>- T.B.</u>			Mud _____ sacks	
			<u>Travel home</u>			LC _____ Type _____	
						_____ sacks	
						_____ sacks	
						_____ sacks	
						Viscose _____	
						Cement _____	
						Diesel _____	
						Foamer _____	
						Detergent _____	
						Other _____	
						CREW HOURS	
						Driller <u>FB 13 1/2</u>	
						Helper <u>MR 13 1/2</u>	
						Helper <u>DW 13 1/2</u>	

Footage: FROM 1650' TO 1835' TOTAL FOOTAGE 185' AIR _____ MUD X HAMMER _____

Bit# SAME changed at _____ ' Size 6 1/4"

Bit# _____ changed at _____ ' Size _____ " Approved _____

Walter Youngquist
Authorized Client Representative



Mailing Address: Box 52
Central, Utah 84722
Phone 801/673-4016
or 673-4025

CLIENT EVER
PROJECT Coal #1111
CLIENT REP. W.Y.

Date: <u>8-8-79</u>		Hole# <u>1</u>		Rig# <u>8</u>	Supervisor:
TIME	LOG #	FOOTAGE	REMARKS		LOG REFERENCE #
115	1		FUEL P/U & SUPP.		1. Crew Travel to site
	2		P/U PIPE CAPS		2. Rig Up
126	3		CIRCULATE TO CARRY OUT THE		3. Reenter Hole
	4		LAST CUTTINGS.		4. Drilling
17	5				5. Pull Pipe
	6				6. Mix Mud & Fill
	7				7. Coring
28	8		CIRCULATE TO CONDITION HOLE		8. Install Casing/Pipe
	9				9. Cementing
39	10				10. Rig Down
	11				11. Move Rig to new site
410	12				12. Maintenance
	13				13. Standby (Explain)
	14				14. Other (Explain)
511	15		FIX SLIPS		MATERIALS USED
	16				Mud <u>1111</u> _____ sacks
612	17				LC _____ Type _____
	18				_____ sacks
71	19		TAKE BOP OFF		_____ sacks
	20				_____ sacks
82	21				Viscose _____
	22				Cement _____
93	23				Diesel _____
	24				Foamer _____
104	25				Detergent _____
	26				Other _____
115	27				CREW HOURS
	28				Driller <u>14</u>
126	29				Helper <u>20</u>
	30				Helper <u>17</u>
1	31		TRAVEL HOME		

Footage: FROM 1135 TO _____ TOTAL FOOTAGE _____ AIR _____ MUD X HAMMER _____

Bit# 3/16 changed at _____ Size _____

Bit# _____ changed at _____ Size _____ Approved _____

Walter Youngquist
Authorized Client Representative