

CODECO CONSULTING (2000) INC.

DAILY DRILLING REPORT

410, 311 - 6th Avenue S.W.
 Calgary, Alberta T2P 3H2
 Phone: (403)237-7808
 Fax: (403)265-1760

Well Name: Devlan et al Thunder River N-73 67°30'131°15'

Date: 23-Feb-01 Day: PS3

Depth: 28 mKB Progress: 28 m Drlg.: hrs. Drill Rate: m/hr Rig: Akita #14

Operation: Cementing Conductor Bbl.

Bit No.	Size	Type	Serial Number	In	Out	Meters	Hours	Weight	RPM	Nozzles	Condition
		Pump No. 1	Pump No. 2		Desander		Desilter		Centrifuge		
Model		F-500		Underflow Density							
Liner/Stroke		152 x 191		Overflow Density							
SPM				Flow Rate, l/min							
Volume		0.00		Operating Hours							

Pump Pressure: kPa Ann. Vel.: DC: m/mi DP m/mi Jet Vel.: m/sec kW:

Drilling Assembly:

SURVEYS			MUD		ADDITIVES (SACKS)			
Depth (mKB)	Inclination (deg)	Direction (deg)	Weight					
			Viscosity					
			pH					
			Water Loss					
			P.V.					
			Y.P.					
			Gels					
			Filter Cake					
			Solids				Day Cost	
			Oil				Well Cost	

Core No. Size/Type: In: mKB Out: mKB Meters Rec.: %

DST No.: Formation Interval: to PF: ISI: VO: FSI:

RIG TIME

1. Drill	7. Clean to Bottom	13. Cement	1.50	19. Rig Up	5.00
2. Rig Service	8. Core	14. WOC		20. Move In Rotary Tools	3.00
3. Trip	9. DST	15. Nipple Up		21. Wait On BJ Cementers	12.50
4. Survey	10. Log	16. Pressure Test		22. Wait On Vacuum	2.00
5. Circ./Cond.	11. Handle Tools	17. Repair		23.	
6. Ream	12. Run Casing	18. Slip/Cut		24.	

REMARKS

0800-1100: Finish moving in rotary tools, spot same. 1100-1600: Rig up rotary tools. 1600-0430 Wait on BJ cementers. 0430-0630: Wait on vacuum. 0630-0800: Start up cementing unit, test run same. Fill conductor with water, confirm circulation. Cement conductor. Annular volume calculates to 2.8 tonnes.

Well Cost: 55,703

Cum. Cost 92,696

AFE No.:

AFE Amount

Weather: -37 C, clear, calm

Supervisor: Erwin Alyea

Mobile: 403-997-2529

Taken By: Jim Rasmussen

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Well Name: Devlan et al Thunder River N-73 67°30'131°15'Date: 22-Feb-01 Day: PS 2Depth: 0 mKB Progress: m Drlg.: hrs. Drill Rate: m/hr Rig: Akita #14Operation: Finishing rig move.

Bit No.	Size	Type	Serial Number	In	Out	Meters	Hours	Weight	RPM	Nozzles	Condition
Pump No. 1		Pump No. 2		Desander		Desilter		Centrifuge			
Model				Underflow Density							
Liner/Stroke				Overflow Density							
SPM				Flow Rate, l/min							
Volume				Operating Hours							

Pump Pressure: kPa Ann. Vel.: DC: m/min DP m/min Jet Vel.: m/sec kW: Drilling Assembly:

SURVEYS			MUD		ADDITIVES (SACKS)			
Depth (mKB)	Inclination (deg)	Direction (deg)	Weight					
			Viscosity					
			pH					
			Water Loss					
			P.V.					
			Y.P.					
			Gels					
			Filter Cake					
			Solids			Day Cost		0
			Oil			Well Cost		0

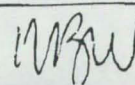
Core No. Size/Type: In: mKB Out: mKB Meters Rec.: %DST No.: Formation: Interval: to PF: ISI: VO: FSI:

RIG TIME

1. Drill	7. Clean to Bottom	13. Cement	19. Rig Up
2. Rig Service	8. Core	14. WOC	20. <u> </u>
3. Trip	9. DST	15. Nipple Up	21. <u> </u>
4. Survey	10. Log	16. Pressure Test	22. <u> </u>
5. Circ./Cond.	11. Handle Tools	17. Repair	23. <u> </u>
6. Ream	12. Run Casing	18. Slip/Cut	24. <u> </u>

REMARKS

0700 - 2100: Move in rig and equipment, heavy snow and blowing snow. Track hoe fell off low boy, took 2 trucks to upright same. White out conditions. No plane for crew change. In coming crew arrived at camp at 2130 hours. Out going crew left at 2145 hours.

Well Cost: 37,266Cum. Cost: 37,266AFE No.: AFE Amount Weather: Overcast -18CSupervisor: Erwin AlyeaMobile: 403-997-2529Taken By: Michael Woofler


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Well Name: Devlan et al Thunder River N-73 67°30'131°15'

Date: 21-Feb-01 Day: PS1

Depth: 0 mKB Progress: m Drlg.: hrs. Drill Rate: m/hr Rig: Akita #14

Operation: Move rig.

Bit No.	Size	Type	Serial Number	In	Out	Meters	Hours	Weight	RPM	Nozzles	Condition
Pump No. 1		Pump No. 2		Desander		Desilter		Centrifuge			
Model				Underflow Density							
Liner/Stroke				Overflow Density							
SPM				Flow Rate, l/min							
Volume				Operating Hours							

Pump Pressure: kPa Ann. Vel.: DC: m/min DP m/min Jet Vel.: m/sec kW:

Drilling Assembly:

SURVEYS			MUD		ADDITIVES (SACKS)			
Depth (mKB)	Inclination (deg)	Direction (deg)	Weight					
			Viscosity					
			pH					
			Water Loss					
			P.V.					
			Y.P.					
			Gels					
			Filter Cake					
			Solids				Day Cost	
			Oil				Well Cost	

Core No. Size/Type: In: mKB Out: mKB Meters Rec.: %

DST No.: Formation: Interval: to PF: ISI: VO: FSI:

RIG TIME

1. Drill	7. Clean to Bottom	13. Cement	19. Rig Up
2. Rig Service	8. Core	14. WOC	20.
3. Trip	9. DST	15. Nipple Up	21.
4. Survey	10. Log	16. Pressure Test	22.
5. Circ./Cond.	11. Handle Tools	17. Repair	23.
6. Ream	12. Run Casing	18. Slip/Cut	24.

REMARKS

2400 - 0800: Clean rig. Thaw rig and ready same for move at first light. 70% of support equipment has been transported to new lease.

Well Cost: Cum. Cost: AFE No.: AFE Amount
 Weather: Overcast -22C Supervisor: Erwin Alyea Mobile: 403-997-2529 Taken By: Michael Woofier