

CODECO CONSULTING (2000) INC.

DAILY DRILLING REPORT

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Well Name: Devlan et al Thunder River N-73 67°30'131°15'Date: 13-Mar-01 Day: 17Depth: 1146 mKB Progress: m Drilg.: hrs. Drill Rate: m/hr Rig: Akita #14Operation: Circulating through stage tool.

Bit No.	Size	Type	Serial Number	In	Out	Meters	Hours	Weight	RPM	Nozzles	Condition
4	200	EDT17XC	164008	944	1146	202	68.50	12	75/85	3 x 11.1	2-2-I
		Pump No. 1		Pump No. 2				Desander	Desilter	Centrifuge	
Model		F-500				Underflow Density					
Liner/Stroke		152 x 191				Overflow Density					
SPM		45				Flow Rate, L/min					
Volume		0.47				Operating Hours					

Pump Pressure: 970 kPa Ann. Vel.: DC: 40 m/min DP 20 m/min Jet Vel.: m/sec kW: Drilling Assembly: Bit, shock sub, 12 - 159mm DCs, X-over, 101mm drill pipe

SURVEYS			MUD		ADDITIVES (SACKS)			
Depth (mKB)	Inclination (deg)	Direction (deg)	Weight	1070	Gel	41		
			Viscosity	70	Soda Ash	1		
			pH	9.0	Barite	47		
			Water Loss	10.6	Celloflake	5		
			P.V.	24.0	Sawdust	22		
			Y.P.	15.0	Aquapac	1		
			Gels	8/15	Kwik Seal	10		
			Filter Cake	3				
			Solids	0.06			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	2.25	19. Rig Up	
2. Rig Service		8. Core		14. WOC		20. Circulate Casing	3.75
3. Trip	1.00	9. DST		15. Nipple Up		21. Lay Down DP & DCs	6.50
4. Survey		10. Log		16. Pressure Test		22.	
5. Circ./Cond.	5.50	11. Handle Tools		17. Repair		23.	
6. Ream		12. Run Casing	5.00	18. Slip/Cut		24.	

REMARKS

0800 - 0815: Trip in hole. 0815 - 0915: Circulate at 950m, check losses and build volume. 0915 - 1000: Run in to bottom. 1000 - 1100: Circulate. Monitor well. Wellbore stable, very light losses. 1100 - 1130: Hoist out and lay down DP. Hole swabbing. Hoist to 986m. 1130 - 1300: Circulate well. Spot LCM pill, hoist to 929m. Circulate bottoms up. Spot Barite pill on top of LCM pill. 1300 - 1900: Lay down DCs and DP. 1900 - 2400: Rig to and run casing. Ran 83 joints of 139.7mm, 20.8 kg/m, J-55, ST&C casing with stage tool. Top of ECP at 964.57m KB. Top of stage tool at 953.61m KB. Total length = 1147.74m. 0000 - 0345: Circulate casing and condition hole and mud.

DEVI DETAL THUNDER RIVER N-73

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0345 - 0600: Cemented stage 1 with 6.0 tonnes 0:1:0 "G" + 0.3% FL-63 + 0.5% CD-31. Plug down at 0430 hours 2001-03-13. Check floats, inflate ECP, open stage tool. Displace cement from above stage tool. 0.5m3 cement returns. 0600 - 0800: Hook up rig pump and circulate through stage tool. Stage #1 plug displaced with drilling mud. Rick Fisher with the NEB did a rig check, commended us on a good job.

Well Cost: 126,486 Cum. Cost: 1,253,115 AFE No.: AFE Amount
Weather: Overcast -27C Supervisor: Erwin Alyea Mobile: 403-997-2529 Taken By: Michael Woofler

