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Enclosure 36

PETROGRAPHY SUMMARY SHEET

WELL HIBERNIA K-14

JEANNE D'ARC BASIN, EAST COAST CANADA

Author: C. WYNN

Department of Supply and Services

HIBERNIA K-14

SAMPLE			TEXTURE					VISIBLE POROSITY (%)						DETRITAL GRAINS (%)																				FOSSILS/ MATRIX (%)					AUTHIGENIC CLAYS (%)				AUTHIGENIC CEMENTS (%)							
DRILLERS DEPTH IN METRES	MEASURED POROSITY (%)	MEASURED HORIZONTAL PERMEABILITY (md)	GRAIN SIZE	SORTING	ROUNDNESS	OVERGROWTHS	GRAIN CONTACTS	TOTAL POROSITY	INTERGRANULAR POROSITY	SOLUTION POROSITY	MICROFRACTURED POROSITY	MICROPOROSITY	INTRAGRANULAR POROSITY	QUARTZ	FELDSPAR		ROCK FRAGMENTS		MICA		INTRACLASTS	OOLITHS	GLAUCONITE	HEAVY MINERALS		ALTERED GRAINS	MICRIT GRAINS	SHELL FOSSILS		WOOD/ PLANT	DETRITAL CLAY	LIME MUD	KAOLINITE	ILLITE	CHLORITE	INDETERMINATE CLAY	CALCITE	DOLOMITE	SIDERITE	SILICA	FELDSPAR	PYRITE	BARITE	SPHALERITE
2349.50	25.2	160.00	(S) VF	M	SA-SR	C	S	20	20			Tr		53	Tr		3	PO	1	MB	2			1	ZOT	2		9	PGE	1	2				1		1		Tr	4	Tr			
2351.50	14.4	2.64	(S) VF	MG	SA-SR	R	T -S	14	10	2		2		59	2	PO	4	CP	2	M			Tr	1	OZTSR			3	P	1	4				3	Tr		6	Tr	1		Tr		
2353.25	15.9	4.11	(S) VF	M	SA-SR	C	T -S	19	15	1		3		59	1	P	4	PCG	2	MCB	3		Tr	1	ZORT			2	PBCEG	1	4				2	Tr			Tr	2		Tr		
2355.95	21.4	77.60	(S) VF	G	SA-SR	C	S -C	14	13			1		62			1	C	2	M			2	2	ZTO			2		Tr	1				2	2	Tr	8		2		Tr		
2356.70	14.8	0.68	S-VF	MP	SA-SR	R	T -C	13	8	Tr	5			66	2		1	CP	1	MBC			Tr	2	ZOTR			2	PBGE	1	8				1	1				1		1		
2360.10	14.5	0.55	(S) VF	MP	SA-SR	R	T -C	16	11	3		2		60	2	P	1	PC	1	MCB	5		Tr	1	ZROT	2		1	IPG	Tr	3				2	1			4	1		Tr		
2363.25	12.9	0.81	(S) VF	MG	SA-SR	C	S -C	22	20	2		Tr		63			1	C	1	BM	1		2	1	ZO	2		1	P		1					1				4		Tr		
2364.15	18.9	9.87	(S) VF	M	SA-SR	R	T -C	18	12	1		5		58	1	P	2	CP	1	MC	9		Tr	1	OZT			Tr	I	Tr	Tr				2	5			2	1		Tr		
2365.75	22.2	194.00	(S) VF (F)	MG	A -SR	O	T	26	19	6		1		60	1	P	5	PCS	1	MC	1		Tr	Tr	OTZ	2		Tr	P						2	1			Tr	1		Tr		
2366.50	15.2	1.64	(S) VF (F)	MP	SA-SR	R	T -S	11	10	1				62	1	P	2	C	2	M			Tr	1	ZTO	1		4	PGB		12					1				3		Tr		
2367.25	27.4	603.00	(S) VF (F)	MG	SA-SR	O	T -S	28	21	5		2		52	1	P	3	CPS	1	MC	3			Tr	ZO			1	PG		4				1	2			1	2		Tr		
2368.35	20.9	33.20	(S) VF	MP	SA-SR	R	T -C	24	15	2		7		54	Tr	P	2	CP	2	MCB	3		1	1	OZT	2		Tr	IGF	2	3				1	1			Tr	1		3		
2369.90	26.7	403.00	(S) VF (F)	MP	A -SR	C	T	28	16	10		2		55	3	P	1	C	1	MB	2		1	Tr	ZO	2		3	PBG						2		Tr			2				
2372.10	15.5	8.44	(S) F (G)	P	SA-SR	C	M -T	15	7	3		5		59	Tr	P	5	PCSV	1	M	1			1	OZTS			6	PEIFG	3	4				2		1		Tr	2		Tr		
2373.20	26.9	914.00	(VF) F (M)	M	A -SR	C	T -S	29	19	8		2		57	Tr		6	Chert	Tr	M			Tr	Tr	ZT	2		1	I	2	Tr				1				Tr	2		Tr		
2374.45	21.3	115.00	(VF) F (M)	M	SA-SR	R	T -C	20	9	2		9		68	Tr	P	3	PC	Tr	M			Tr	Tr	OZ										8				1		Tr		
2375.80	26.3	1760.00	(F) M	MP	A -SR	R	T -S	27	22	3		2		50	Tr	O	4	C	Tr	M	6		2	Tr	O	1		8	I	Tr					1				Tr	1				
2376.75	26.5	963.00	(VF) F (C)	M	SA-SR	O	T -S	25	22	1		2		58	1	P	6	CPS	Tr	M	5		Tr	Tr	TZO			1	I	Tr					Tr					2		2		
2378.95	20.9	71.40	(VF) M (C)	MP	SA-SR	O	T -C	23	14	4		5		56	2	PO	3	CPSL	1	MC	1			Tr	ZOT			5	IP	2	4					1	Tr			1		1		
2381.00	25.2	220.00	(VF) F (M)	MP	A -SR	R	T -S	24	18	4		2		53	1	P	9	PC	Tr	M				Tr	O	2		2		4	1				2				Tr	2		Tr		
2381.95	26.9	782.00	(VF) F (C)	MP	SA-SR	O	T -C	26	20	5		1		57	2	PM	3	PC					Tr	3	ZTRO			5	P	2	Tr				1		Tr			1		Tr		
2383.15	26.9	816.00	VF (F)	M	A -SR	R	T -S	27	17	8		2		58	1	P	6	PC	Tr				Tr	Tr	ZOTR			2	PI	3	Tr				1				Tr	2		Tr		
2384.50	28.2	1140.00	(VF) F (G)	M	SA-SR	C	T -C	26	16	8		2		61	Tr	M	6	PC	Tr	M			Tr	Tr	ZRTS			3	PI	1	Tr				1				Tr	2		Tr		
2385.10	28.2	948.00	(VF) F (C)	P	SA-SR	O	T -C	26	20	5		1		47	3	PO	5	SCP	Tr		2			3	ZTRO			7	PI	3	Tr				1	Tr	1			2		Tr		
2386.20	4.8	0.18	(F) M (C)	MP	SA-R	R	T -C	4		3		1		49	1	P	7	SLP					Tr	Tr	O		4	5	PEI								30			Tr		Tr		
2387.40	26.5	1540.00	F (M)	MP	SA-SR	C	T -S	29	19	9		1		53			6	SLP									4	5						1					2				
2390.00	28.7	2580.00	(VF) M (C)	MP	SA-R	R	T -S	26	19	7				42	4	PO	9	LSPCG	Tr					Tr	O		9	8	PIFGE							1	Tr			1		Tr		
2390.45			F (M)	M	A -SR	R	T -S	29	22	5		2		50	Tr	P	6	SST.P									6	8	GPEI								Tr			1				
2391.60	26.8	1840.00	(VF) F	MG	SA-R	O	T -S	26	19	7		Tr		57	3	OP	5	PLCSV						Tr	TO		3	2	IPFE	1						Tr	Tr			2		1		
2393.00	25.9	3180.00	(F) M (C)	MP	SA-R	R	T -S	23	17	6				42	1	P	7	LS						Tr	O		10	11	PEFI				Tr			Tr	5			1		Tr		
2399.90	27.3	1560.00	(F) M	P	A -SR	R	T -S	18	15	2		1		62	Tr	P	8	SPC									2	3	P	4	2							Tr		1				
2403.00	19.0	9.81	(VF) F (M)	MP	SA-SR	R	T -C	21	13	3		5		65	Tr	P	3	CP	2	M			Tr	Tr	ZO			1	P	1	2					Tr				1		4		
2415.20	24.7	1080.00	(VF) F (C)	MP	SA-SR	O	T	26	18	6		2		67	1	O	1	PL						Tr	ZO											3				2		Tr		
2415.85	10.9	2.18	(VF) F	M	SA-SR	C	T -SS	8	1	1		6		71	2	PO	4	PCS	9	B				Tr	OZ					Tr	2								Tr	3		1		
2420.90	9.1	0.87	(S) VF (F)	MP	SA-SR	R	T -C	9	5	3		1		73	Tr		5	PC	4	M			Tr	1	ZOTR					Tr	4	2							2				
2422.05	15.6	6.16	(VF) F	M	SA-SR	R	M -C	11	6	1		4		71	Tr		1	PC	2	MB	2			2	ZOST					Tr	10								Tr	1		Tr		
2423.45	17.9	22.90	(S) VF (F)	MP	SA-SR	R	T -S	17	12	4		1		66			4	CP	1	M	2			Tr	Z	2				Tr	7	Tr						Tr			1		Tr		
2425.25	23.1	134.00	VF (F)	M	SA-SR	O	T -S	21	14	2		5		62	Tr	P	2	CP	2	MCB	5		1	1	TZOAGS					Tr	3					Tr			Tr	2		1		
2426.00	25.7	306.00	VF	MG	SA-SR	R	T	25	18	4		3		58	2	POM	2	PCS	4	MCB	2		Tr	2	OTZS					Tr	2		Tr		Tr	1			Tr	1		1		
2432.65	12.0	1.36	(S) VF (F)	P	SA-SR	R	T -C	14	10			4		48			4	CP	1		3		Tr	1	RTZO	1		8	FPC	7	11					Tr			Tr	1		1		
3861.50	10.2	2.85	(VF) F	M	SA-SR	A	T -S	8	2	Tr		6		72	Tr	P	6				2					Tr		1	P		5						Tr	Tr	Tr	6				
3862.15	18.1	17.10	F	MP	A -SR	A	T -C	15	1			14		67	Tr	PO	6	PC												Tr	2						Tr	Tr	Tr	10				
3865.00			F	MG	SA-R	A	T -C	9	2	Tr		7		67	1	P	12	CP	Tr					Tr	Z			Tr		Tr	3		Tr		Tr				Tr	8		Tr		
3872.20	18.4	219.00	(F) M	MP	SA-SR	A	T -SS	16	7	Tr		9		64	Tr	P	10	CP	Tr	M								Tr		Tr	2							Tr		8				
3874.80	14.6	0.30	VF	MG	A -SR	A	T -SU	12	2	Tr		10		59	Tr	P	15	CP													2				6	Tr	Tr	Tr	6				
3881.20	9.4	0.38	S (VF)	P	A -SR	A	T -C	8		1		7		78	Tr	OP	9	PC	Tr	M	Tr			Tr	Z	Tr				1	1			Tr						3				
3884.60	7.9	0.18	VF	MP	A -SR	O	T -C	7	Tr	Tr		7		81			7		Tr		1					1				Tr	1			Tr				Tr	2				
3885.30	9.4	16.70	F (M)	MP	SA-SR	O	T -C	7	Tr	Tr		7		79	Tr		10	PCS	Tr	M	Tr									Tr	2								2				
3886.40	7.9	11.00	VF	MG	SA-SR	O	T -SS	6	Tr	Tr		6		71	Tr	P	2	CP	Tr		1			Tr	ZR	1				Tr	8				1	5		Tr	3	2				
3898.50			F (M)	M	SA-SR	A	T -S	17	9	5		3		63	Tr	P	6	PC					Tr			Tr					2		Tr		Tr				Tr	12				
3900.90	19.0	1220.00	M	MP	A -SR	A	T -SU	16	6	6		4		64	Tr	P	6	PC													2		Tr		Tr	Tr				12				
3901.85	19.7	2070.00	M	M	SA-R	A	T -SU	18	10	4		4		61	Tr	P	6	PC													2				1					12				
3902.50	18.8	663.00	M (C)	M	SA-R	A	S -SU	18	13	Tr		5		64	Tr	P	5	PC					Tr	Tr	Z					Tr	1		Tr			Tr		Tr	Tr	12				
3903.80	14.0	52.40	M	MG	SR	A	T -SU	14	8	Tr		6		67			7	CP					Tr							Tr	2		Tr		Tr			Tr	Tr	10				
3904.75	19.4	1370.00	M	MG	A -SR	A	T -SU	18	9	Tr		9		61	Tr	P	8													Tr	Tr				1				12				
3905.40	21.8	1560.00	F-M	M	SA-SR	O	S -C	20	17			3		56	Tr	P	11	PC						Tr	Z					Tr	1				Tr				12				
3906.05	21.7	1920.00	M	MG	SA-R	A	T -SU	20	15	Tr		5		63	Tr	P	3	PC	Tr	M										Tr	1				Tr				13				
3906.85	22.8	2380.00	F-M	M	SA-R	O-C	S -C	21	17	Tr		4		60	1	P	5	PC												Tr	1				Tr				12				
3909.75	13.5	2.63	S (VF)	P	A -SR	C	T -C	9				9		69	Tr		14		Tr					Tr	Z					Tr	3				Tr	1			4				
3919.40	21.5	5700.00	M-C	P	SA-SR	A	T -SU	20	17	Tr		3		62	Tr	P	4	PC	Tr												1		1		Tr				12				
3920.30	20.5	4570.00	M (C)	P	SA-R	A	T -SU	21	16	Tr		5		63			3	PC	Tr												Tr					1				12				
3921.15	22.4	7060.00	M (C)	P	SA-R	A	T -C	21	20	Tr		1		61	Tr	P	5	PC												Tr	1					Tr				12				
3922.35	21.1	4430.00	M	MP	A -SR	A	T -C	18	11	Tr		7		61			7														1		Tr			1				12				
3923.80	24.2	7690.00	M	MG	SA-R	A	T -SU	22	17			5		63			3	PC													Tr				Tr	Tr				12				
3924.55	23.0	9860.00	C	M	SA-R	A	T -SU	22	19			3		61	Tr		5																Tr			Tr				12				
3925.35	18.9	1660.00	M	MP	SA-SR	A	T -SU	18	13	Tr		5		58	Tr		11						Tr								1		Tr			Tr				12		Tr		
3930.40	18.3	120.00	F	M	A -SR	A	T -C	17	2			15		64	Tr		7							Tr	TZ						4				Tr	Tr	Tr	Tr	8		Tr		
3931.55	19.5	469.00	M	MP	SA-SR	A	T -SU	18	14			4		64	Tr	P	6	PC													4				Tr			Tr	8				
3932.45	19.6	1200.00	M	M	SA-R	A	T -SU	18	16			2		58	Tr		10							Tr	Z						5					Tr		Tr	9		Tr		
3933.00	21.5	1700.00	F	MG	SA-R	A	T -SU	22	16			6		58			6	PC						Tr							2					Tr		Tr	12				
3934.60	20.8	813.00	M	M	SA-SR	A	T -SU	17	7			10		62	Tr	P	5	PC						Tr						Tr	3				Tr	Tr		Tr	13				
3935.15	20.3	2370.00	M	MP	A -SR	A	T -SU	19	15			4		64	Tr		4							Tr	ZE					Tr	1					Tr		Tr	12				
3938.15	20.8	2870.00	M	MG	SA-R	A	T -SU	21	19			2		62	Tr	P	4	PC						Tr	S					Tr	1					Tr		Tr	12				
3938.85	20.5	2270.00	M	M	SA-SR	A	T -SU	20	13			7		55			12	PC												Tr	1					Tr		Tr	12				
3939.40	20.1	1340.00	M	MP	SA-SR	A	T -C	18	15			3		62			6	CP												Tr	2					Tr		Tr	12				
3940.25	20.8	2240.00	M	M	SA-SR	A	T -SU	20	14			6		54	Tr	P	12	PC												Tr	1		Tr			Tr		Tr	13				
3941.00	19.5	1640.00	M	M	SA-R	A	T -SU	18	10			8		60	Tr	P	8	PC													2					Tr		Tr	12				
3942.35	22.1	4070.00	M	MG	SA-R	A	T -SU	21	18			3		58	Tr	P	8	PC													1							Tr	12				
3943.05	20.4	1890.00	M	MG	SA-R	A	T -SU	20	14			6		60			6	PC													2							Tr	12				
3944.65	18.2	1200.00	C	P	SA-R	A	S -SU	16	11			5		61			8	PC												Tr	3								12				
3959.10	8.9	8.83	F	M	SA-R	C	T -SU	7				7		72	Tr	P	6	PC						Tr	Z					Tr	7					1		1	4				
3961.60	16.1	200.00	(VF) F (M)	M	SA-R	A	T -SS	15	14	1		Tr		72	Tr	O	3	CP	Tr	B				1	ZORTEA					1	1		Tr		Tr	1	Tr		Tr	6		Tr		
3962.25	9.9	564.00	VF	P	SA-R	C	T -SS	2	2	Tr		Tr		16			2	CP			75			1	Z					1					Tr		Tr	2		Tr		
3965.10	16.4	536.00	(VF) F (C)	MP	SA-SR	A	T -SS	15	10	2		3		70	Tr	O	4	PCS	Tr	M				Tr	TZSO			Tr	I				Tr			Tr			Tr	8		Tr		
3965.80	15.8	206.00	F (M)	M	SA-R	C	T -SS	12	2	1		9		71			6	PCS	Tr	M											2		Tr		Tr			Tr	6		Tr		
3966.30	15.6	75.70	(S) F (M)	MG	SA-SR	C	T -SS	13	2	1		10		72			5	PCS	Tr	M				Tr	ZT						3		Tr		Tr			Tr	4				
3967.35	12.3	2.77	(S) F (M)	M	SA-SR	C	T -SS	9	1	1		7		75			6	PCS	Tr	M				Tr	RZ					Tr	3		Tr		Tr				4				
3969.00	13.2	154.00	(VF) F (M)	P	SA-R	C	T -SS	7	1	1		5		77	Tr	P	6	CPS	Tr	M				Tr	Z						2		1			Tr			4		Tr		
3969.60	23.5	3180.00	C	MG	A -SR	A	T -SU	9	2	2		5		69	1	PO	8	PCS					Tr								1								12		Tr		
3970.45	20.8	5000.00	M (C)	P	A -SR	A	T -SU	17	11	4		2		63	1	O	5	CPS													1								12				
3971.15	21.7	3480.00	(F) M (C)	M	SA-R	A	T -SS	18	13	4		1		66			4						Tr							Tr	Tr								12		Tr		
3971.65	20.4	4320.00	(M) C	P	SA-SR	A	T -SS	16	9	5		2		66				PCS												Tr	1								12		Tr		

This map has been produced from a scanned version of the original map
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