



UWI:	100/15-33-002-05E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Dominion City No. 2	Assessment File No:		Core Desc:	N				
KB Elev:	281.80	Grnd Elev:	281.80	TVD:	167.95	Fm At TD:	Winnipeg Formation		
UTM East:	655825.0	UTM North:	5448975.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 02	Storage Units:	METRIC	Updated:	04 AUG 1992	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	91.74	281.8	CHARLEWOOD	19 JAN 1999				
GEOLOGY	Base of Drift	91.74	91.74	190.1	CHARLEWOOD	11 JAN 1999				
GEOLOGY	Mesozoic	91.74	73.16	190.1	CHARLEWOOD	11 JAN 1999			E	
GEOLOGY	Jurassic	91.74	73.16	190.1	CHARLEWOOD	11 JAN 1999			E	
GEOLOGY	Amaranth Formation	91.74	73.16	190.1	CHARLEWOOD	11 JAN 1999			E	
GEOLOGY	Paleozoic	164.90	3.05	116.9	CHARLEWOOD	11 JAN 1999		I		
GEOLOGY	Ordovician	164.90	3.05	116.9	CHARLEWOOD	11 JAN 1999		I		
GEOLOGY	Winnipeg Formation	164.90	3.05	116.9	CHARLEWOOD	11 JAN 1999		I		
GEOLOGY	Final Total Depth	167.95		113.9	CHARLEWOOD	04 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/10-04-003-05E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Dominion City Hole No. 3	Assessment File No:		Core Desc:	N				
KB Elev:	285.00	Grnd Elev:	285.00	TVD:	193.85	Fm At TD:	PRECAMBRIAN		
UTM East:	656200.0	UTM North:	5450250.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 02	Storage Units:	METRIC	Updated:	12 JUL 1999	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	91.44	285.0	CHARLEWOOD	11 JAN 1999				
GEOLOGY	Base of Drift	91.44	91.44	193.6	CHARLEWOOD	11 JAN 1999				
GEOLOGY	Mesozoic	91.44	74.06	193.6	CHARLEWOOD	11 JAN 1999			E	
GEOLOGY	Jurassic	91.44	74.06	193.6	CHARLEWOOD	11 JAN 1999			E	
GEOLOGY	Amaranth Formation	91.44	74.06	193.6	CHARLEWOOD	11 JAN 1999			E	
GEOLOGY	Upper Amaranth (Evaporite) Member	91.44	16.46	193.6	CHARLEWOOD	11 JAN 1999			E	
GEOLOGY	Lower Amaranth (Red Beds) Member	107.90	57.60	177.1	CHARLEWOOD	11 JAN 1999				
GEOLOGY	Paleozoic	165.50	21.95	119.5	CHARLEWOOD	11 JAN 1999				
GEOLOGY	Ordovician	165.50	21.95	119.5	CHARLEWOOD	11 JAN 1999				
GEOLOGY	Winnipeg Formation	165.50	21.95	119.5	CHARLEWOOD	11 JAN 1999				
GEOLOGY	PRECAMBRIAN	187.45		97.6	CHARLEWOOD	04 AUG 1992				
GEOLOGY	Final Total Depth	193.85		91.2	CHARLEWOOD	04 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/02-29-003-11E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	GSC-O-92	Assessment File No:		Core Desc:	N				
KB Elev:	350.50	Grnd Elev:	350.50	TVD:	76.80	Fm At TD:	PRECAMBRIAN		
UTM East:	714200.0	UTM North:	5457750.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 01	Storage Units:	METRIC	Updated:	28 APR 1995	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	76.20	350.5	MCGREGOR	20 JAN 1999				
GEOLOGY	Base of Drift	76.20	76.20	274.3	MCGREGOR	11 JAN 1999				
GEOLOGY	PRECAMBRIAN	76.20		274.3	MCGREGOR	28 APR 1995				
GEOLOGY	Final Total Depth	76.80		273.7	MCGREGOR	28 APR 1995				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/02-13-005-06E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Manitoba Sun Core Hole No. 5				Assessment File No:			Core Desc:	N
KB Elev:	294.74	Grnd Elev:	292.61	TVD:	149.66	Fm At TD:PRECAMBRIAN (Weathered)			
UTM East:	670175.0	UTM North:	5472800.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
UTM East:	670175.0	UTM North:	5472800.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 07	Storage Units:	METRIC	Updated:	12 JUL 1999	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	16.76	294.7	BEZYS	16 JUN 2000				
GEOLOGY	Base of Drift	16.76		278.0	BEZYS	16 JUN 2000				
GEOLOGY	Paleozoic	16.76	131.98	278.0	BEZYS	16 JUN 2000			E	
GEOLOGY	Ordovician	16.76	131.98	278.0	BEZYS	11 JAN 1999			E	
GEOLOGY	Red River Formation	16.76	72.85	278.0	BEZYS	11 JAN 1999			E	
GEOLOGY	lower Red River Formation	16.76	72.85	278.0	BEZYS	11 JAN 1999			E	
GEOLOGY	Winnipeg Formation	89.61	59.13	205.1	BEZYS	11 JAN 1999				
GEOLOGY	upper Winnipeg unit	89.61	8.84	205.1	BEZYS	11 JAN 1999				
GEOLOGY	lower Winnipeg unit	98.45	50.29	196.3	BEZYS	11 JAN 1999				
GEOLOGY	Basal Sand	146.30	2.44	148.4	BEZYS	11 JAN 1999				
GEOLOGY	base of Basal Sand	148.74		146.0	BEZYS	24 AUG 1992				
GEOLOGY	PRECAMBRIAN (Weathered)	148.74	0.92	146.0	BEZYS	11 JAN 1999			I	
GEOLOGY	Final Total Depth	149.66		145.1	BEZYS	24 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/08-36-006-07E1/00	Licence:		Class:	WATER WELL	Source:	GEOLOGY	Confidential:	N
Well Name:	La Broquerie Test Water Well				Assessment File No:			Core Desc:	Y
KB Elev:	282.00	Grnd Elev:	282.00	TVD:	116.13	Fm At TD:PRECAMBRIAN (Weathered)			
UTM East:	680180.0	UTM North:	5488200.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
								Deviation:	N
Map Sheet:	62H 10	Storage Units:	METRIC	Updated:	19 NOV 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	40.84	282.0	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	40.84	40.84	241.2	BEZYS	19 NOV 1998				
GEOLOGY	Paleozoic	40.84	74.98	241.2	BEZYS	19 NOV 1998			E	
GEOLOGY	Ordovician	40.84	74.98	241.2	BEZYS	19 NOV 1998			E	
GEOLOGY	Red River Formation	40.84	22.56	241.2	BEZYS	19 NOV 1998			E	
GEOLOGY	Hecla Beds (Unit A)	55.47	7.93	226.5	BEZYS	19 NOV 1998				
GEOLOGY	Winnipeg Formation	63.40	52.42	218.6	BEZYS	19 NOV 1998				
GEOLOGY	PRECAMBRIAN (Weathered)	115.82	0.31	166.2	BEZYS	19 NOV 1998		I		
GEOLOGY	Final Total Depth	116.13		165.9	BEZYS	19 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/09-10-007-04E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Manitoba Sun Core Hole No. 3				Assessment File No:			Core Desc:	N
KB Elev:	243.80	Grnd Elev:	241.68	TVD:	163.98	Fm At TD:PRECAMBRIAN (Weathered)			
UTM East:	646900.0	UTM North:	5490850.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 10	Storage Units:	METRIC	Updated:	12 JUL 1999	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	243.8	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	243.8	BEZYS	11 JAN 1999				
GEOLOGY	Paleozoic	22.86	140.51	220.9	BEZYS	11 JAN 1999			E	
GEOLOGY	Ordovician	22.86	140.51	220.9	BEZYS	11 JAN 1999			E	
GEOLOGY	Red River Formation	22.86	79.25	220.9	BEZYS	11 JAN 1999			E	
GEOLOGY	lower Red River Formation	22.86	79.25	220.9	BEZYS	11 JAN 1999			E	
GEOLOGY	Winnipeg Formation	102.11	61.26	141.7	BEZYS	11 JAN 1999				
GEOLOGY	upper Winnipeg unit	102.11	7.92	141.7	BEZYS	11 JAN 1999				
GEOLOGY	lower Winnipeg unit	110.03	53.34	133.8	BEZYS	11 JAN 1999				
GEOLOGY	Basal Sand	156.36	7.01	87.4	BEZYS	11 JAN 1999				
GEOLOGY	base of Basal Sand	163.37		80.4	BEZYS	24 AUG 1992				
GEOLOGY	PRECAMBRIAN (Weathered)	163.37	0.61	80.4	BEZYS	11 JAN 1999			I	
GEOLOGY	Final Total Depth	163.98		79.8	BEZYS	24 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/08-10-007-06E1/00	Licence:		Class:	WATER WELL	Source:	GEOLOGY	Confidential:	N
Well Name:	Steinbach Water Well	Assessment File No:		Core Desc:	Y				
KB Elev:	256.03	Grnd Elev:	256.03	TVD:	74.68	Fm At TD:	Winnipeg Formation		
UTM East:	667005.0	UTM North:	5491200.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 10	Storage Units:	METRIC	Updated:	19 NOV 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	24.43	256.0	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	24.43	24.43	231.6	BEZYS	19 JAN 1999				
GEOLOGY	Paleozoic	24.43	50.25	231.6	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Ordovician	24.43	50.25	231.6	BEZYS	19 JAN 1999		I	E	
GEOLOGY	Red River Formation	24.43	41.15	231.6	BEZYS	19 JAN 1999			E	
GEOLOGY	Winnipeg Formation	65.58	9.10	190.5	BEZYS	19 JAN 1999		I		
GEOLOGY	upper Winnipeg unit	65.58	9.10	190.5	BEZYS	19 JAN 1999		I		
GEOLOGY	Final Total Depth	74.68		181.4	BEZYS	19 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/10-12-008-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Manitoba Sun Core Hole No. 2				Assessment File No:			Core Desc:	N
KB Elev:	238.96	Grnd Elev:	236.92	TVD:	242.93	Fm At TD:PRECAMBRIAN (Weathered)			
UTM East:	620250.0	UTM North:	5500000.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 11	Storage Units:	METRIC	Updated:	12 JUL 1999	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	15.24	239.0	BEZYS	12 JAN 1999				
GEOLOGY	Base of Drift	15.24	15.24	223.7	BEZYS	12 JAN 1999				
GEOLOGY	Paleozoic	15.24	227.08	223.7	BEZYS	11 JAN 1999			E	
GEOLOGY	Ordovician	15.24	227.08	223.7	BEZYS	11 JAN 1999			E	
GEOLOGY	Stony Mountain Formation	15.24	22.25	223.7	BEZYS	11 JAN 1999			E	
GEOLOGY	lower Stony Mountain Formation	15.24	22.25	223.7	BEZYS	11 JAN 1999			E	
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	15.24	22.25	223.7	BEZYS	11 JAN 1999			E	
GEOLOGY	Red River Formation	37.49	143.87	201.5	BEZYS	11 JAN 1999				
GEOLOGY	upper Red River Formation	37.49	42.37	201.5	BEZYS	11 JAN 1999				
GEOLOGY	Fort Garry Member (Herald-Redvers)	37.49	42.37	201.5	BEZYS	11 JAN 1999				
GEOLOGY	Redvers	37.49	5.18	201.5	BEZYS	11 JAN 1999				
GEOLOGY	Coronach	42.67	8.54	196.3	BEZYS	11 JAN 1999				
GEOLOGY	Lake Alma	51.21	6.09	187.8	BEZYS	11 JAN 1999				
GEOLOGY	Unit C (top Yeoman)	57.30	22.56	181.7	BEZYS	11 JAN 1999				
GEOLOGY	lower Red River Formation	79.86	101.50	159.1	BEZYS	11 JAN 1999				
GEOLOGY	Unit B	79.86	80.16	159.1	BEZYS	12 JAN 1999				
GEOLOGY	Selkirk Member	79.86	101.50	159.1	BEZYS	12 JAN 1999				
GEOLOGY	Hecla Beds (Unit A)	160.02	21.34	78.9	BEZYS	11 JAN 1999				
GEOLOGY	Winnipeg Formation	181.36	60.96	57.6	BEZYS	11 JAN 1999				
GEOLOGY	upper Winnipeg unit	181.36	9.14	57.6	BEZYS	11 JAN 1999				
GEOLOGY	lower Winnipeg unit	190.50	51.82	48.5	BEZYS	11 JAN 1999				
GEOLOGY	Basal Sand	238.35	3.97	0.6	BEZYS	11 JAN 1999				
GEOLOGY	base of Basal Sand	242.32		-3.4	BEZYS	24 AUG 1992				
GEOLOGY	PRECAMBRIAN (Weathered)	242.32	0.61	-3.4	BEZYS	11 JAN 1999				
GEOLOGY	Final Total Depth	242.93		-4.0	BEZYS	24 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/13-06-008-03E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Winnipeg Formation Test				Assessment File No:			Core Desc:	Y
KB Elev:	234.70	Grnd Elev:	234.70	TVD:	211.70	Fm At TD:PRECAMBRIAN (Weathered)			
UTM East:	631350.0	UTM North:	5499350.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 11	Storage Units:	METRIC	Updated:	19 NOV 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	21.60	234.7	BEZYS	18 JAN 1999				
GEOLOGY	Base of Drift	21.60	21.60	213.1	BEZYS	19 NOV 1998				
GEOLOGY	Paleozoic	21.60	189.90	213.1	BEZYS	19 NOV 1998			E	
GEOLOGY	Ordovician	21.60	189.90	213.1	BEZYS	19 NOV 1998			E	
GEOLOGY	Red River Formation	21.60	133.80	213.1	BEZYS	19 NOV 1998			E	
GEOLOGY	Winnipeg Formation	155.40	56.00	79.3	BEZYS	19 NOV 1998				
GEOLOGY	Basal Sand	209.10	2.40	25.6	BEZYS	19 NOV 1998				
GEOLOGY	base of Basal Sand	211.50		23.2	BEZYS	19 NOV 1998				
GEOLOGY	PRECAMBRIAN (Weathered)	211.50	0.00	23.2	BEZYS	19 NOV 1998			I	
GEOLOGY	Final Total Depth	211.70		23.0	BEZYS	19 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/14-11-008-05E1/00	Licence:		Class:	WATER WELL	Source:	GEOLOGY	Confidential:	N
Well Name:	Steinbach Water Well				Assessment File No:	Core Desc: Y			
KB Elev:	243.23	Grnd Elev:	243.23	TVD:	87.17	Fm At TD:	Winnipeg Formation		
UTM East:	657900.0	UTM North:	5501670.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 10	Storage Units:	METRIC	Updated:	19 NOV 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	26.52	243.2	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	26.52	26.52	216.7	BEZYS	19 NOV 1998				
GEOLOGY	Paleozoic	26.52	60.65	216.7	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Ordovician	26.52	60.65	216.7	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Red River Formation	26.52	60.35	216.7	BEZYS	19 NOV 1998			E	
GEOLOGY	Winnipeg Formation	86.87	0.30	156.4	BEZYS	19 NOV 1998		I		
GEOLOGY	Final Total Depth	87.17		156.1	BEZYS	19 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/09-15-008-05E1/00	Licence:		Class:	WATER WELL	Source:	GEOLOGY	Confidential:	N
Well Name:	Steinbach Water Well	Assessment File No:		Core Desc:	Y				
KB Elev:	243.23	Grnd Elev:	243.23	TVD:	91.44	Fm At TD:	Winnipeg Formation		
UTM East:	658600.0	UTM North:	5502730.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 10	Storage Units:	METRIC	Updated:	19 NOV 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	25.60	243.2	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	25.60	25.60	217.6	BEZYS	19 NOV 1998				
GEOLOGY	Paleozoic	25.60	65.84	217.6	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Ordovician	25.60	65.84	217.6	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Red River Formation	25.60	65.54	217.6	BEZYS	19 NOV 1998			E	
GEOLOGY	Winnipeg Formation	91.14	0.30	152.1	BEZYS	19 NOV 1998		I		
GEOLOGY	Final Total Depth	91.44		151.8	BEZYS	19 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/01-05-008-08E1/00	Licence:		Class:	WATER WELL	Source:	GEOLOGY	Confidential:	N
Well Name:	Richer South Water Well				Assessment File No:	Core Desc: Y			
KB Elev:	283.46	Grnd Elev:	283.46	TVD:	57.91	Fm At TD:	Winnipeg Formation		
UTM East:	683670.0	UTM North:	5499350.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 09	Storage Units:	METRIC	Updated:	19 NOV 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	25.60	283.5	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	25.60	25.60	257.9	BEZYS	19 NOV 1998				
GEOLOGY	Paleozoic	25.60	32.31	257.9	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Ordovician	25.60	32.31	257.9	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Red River Formation	25.60	32.01	257.9	BEZYS	19 NOV 1998			E	
GEOLOGY	Winnipeg Formation	57.61	0.30	225.9	BEZYS	19 NOV 1998		I		
GEOLOGY	Final Total Depth	57.91		225.6	BEZYS	19 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/16-23-009-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-85, Brady Road	Assessment File No:		Core Desc:	N				
KB Elev:	235.00	Grnd Elev:	235.00	TVD:	26.60	Fm At TD:	Red River Formation		
UTM East:	628721.0	UTM North:	5514148.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	20.70	235.0	RBSX	14 JAN 1999				
GEOLOGY	Base of Drift	20.70	20.70	214.3	RBSX	17 APR 1996				
GEOLOGY	Paleozoic	20.70	5.90	214.3	MCCABE	14 JAN 1999		I	E	
GEOLOGY	Ordovician	20.70	5.90	214.3	MCCABE	14 JAN 1999		I	E	
GEOLOGY	Red River Formation	20.70	5.90	214.3	MCCABE	14 JAN 1999		I	E	
GEOLOGY	Final Total Depth	26.60		208.4	MCCABE	11 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				26.60					23 MAR 1993	GEOLOGY	METRIC



UWI:	100/04-24-010-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Wpg Supply Hole No. 3 & 4				Assessment File No:			Core Desc:	N
KB Elev:	233.50	Grnd Elev:	233.50	TVD:	243.80	Fm At TD:PRECAMBRIAN			
UTM East:	629450.0	UTM North:	5522025.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	12 JUL 1999	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Paleozoic	21.90	180.20	211.6	HRMNOI	14 JAN 1999			E	
GEOLOGY	Ordovician	21.90	180.20	211.6	HRMNOI	14 JAN 1999			E	
GEOLOGY	Red River Formation	21.90	136.00	211.6	HRMNOI	14 JAN 1999			E	
GEOLOGY	upper Red River Formation	21.90	24.40	211.6	HRMNOI	14 JAN 1999			E	
GEOLOGY	Fort Garry Member (Herald-Redvers)	21.90	24.40	211.6	HRMNOI	14 JAN 1999			E	
GEOLOGY	Coronach	21.90	4.10	211.6	HRMNOI	14 JAN 1999			E	
GEOLOGY	Lake Alma	26.00	10.90	207.5	HRMNOI	14 JAN 1999				
GEOLOGY	Unit C (top Yeoman)	36.90	9.40	196.6	HRMNOI	14 JAN 1999				
GEOLOGY	lower Red River Formation	46.30	111.60	187.2	HRMNOI	14 JAN 1999				
GEOLOGY	Unit B	46.30	111.60	187.2	HRMNOI	14 JAN 1999				
GEOLOGY	Selkirk Member	46.30	54.60	187.2	HRMNOI	14 JAN 1999				
GEOLOGY	Cat Head Member	100.90	21.90	132.6	HRMNOI	14 JAN 1999				
GEOLOGY	Dog Head Member	122.80	35.10	110.7	HRMNOI	14 JAN 1999				
GEOLOGY	Winnipeg Formation	157.90	44.20	75.6	HRMNOI	14 JAN 1999				
GEOLOGY	PRECAMBRIAN	202.10		31.4	HRMNOI	15 JUN 1993				
GEOLOGY	Final Total Depth	243.80		-10.3	HRMNOI	15 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/13-04-010-03E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	HEATFLOW #7 (UOFM)				Assessment File No:			Core Desc:	N
KB Elev:	231.60	Grnd Elev:	231.60	TVD:	609.60	Fm At TD:PRECAMBRIAN			
UTM East:	633850.0	UTM North:	5519150.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	24 MAR 1994	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	18.30	231.6	BEZYS	18 JAN 1999				
GEOLOGY	Base of Drift	18.30	18.30	213.3	BEZYS	18 JAN 1999				
GEOLOGY	Paleozoic	18.30	171.00	213.3	BEZYS	18 JAN 1999				
GEOLOGY	Ordovician	18.30	171.00	213.3	BEZYS	18 JAN 1999			E	
GEOLOGY	Red River Formation	18.30	121.30	213.3	BEZYS	18 JAN 1999			E	
GEOLOGY	upper Red River Formation	18.30	11.90	213.3	BEZYS	18 JAN 1999			E	
GEOLOGY	Fort Garry Member (Herald-Redvers)	18.30	11.90	213.3	BEZYS	18 JAN 1999			E	
GEOLOGY	Unit C (top Yeoman)	18.30	11.90	213.3	BEZYS	18 JAN 1999			E	
GEOLOGY	lower Red River Formation	30.20	109.40	201.4	BEZYS	18 JAN 1999				
GEOLOGY	Unit B	30.20	109.40	201.4	BEZYS	18 JAN 1999				
GEOLOGY	Selkirk Member	30.20	55.10	201.4	BEZYS	18 JAN 1999				
GEOLOGY	Cat Head Member	85.30	14.10	146.3	BEZYS	18 JAN 1999				
GEOLOGY	Dog Head Member	99.40	40.20	132.2	BEZYS	18 JAN 1999				
GEOLOGY	Winnipeg Formation	139.60	49.70	92.0	BEZYS	18 JAN 1999				
GEOLOGY	PRECAMBRIAN	189.30		42.3	BEZYS	01 APR 1993				
GEOLOGY	Final Total Depth	609.60		-378.0	BEZYS	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/16-03-010-07E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Manitoba Sun Core Hole No. 4				Assessment File No:			Core Desc:	N
KB Elev:	270.40	Grnd Elev:	270.40	TVD:	108.81	Fm At TD:PRECAMBRIAN (Weathered)			
UTM East:	676775.0	UTM North:	5520125.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
UTM East:	676775.0	UTM North:	5520125.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 15	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	4.57	270.4	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	4.57	4.57	265.8	BEZYS	19 JAN 1999				
GEOLOGY	Paleozoic	4.57	103.63	265.8	BEZYS	19 JAN 1999			E	
GEOLOGY	Ordovician	4.57	103.63	265.8	BEZYS	19 JAN 1999			E	
GEOLOGY	Red River Formation	4.57	48.16	265.8	BEZYS	19 JAN 1999			E	
GEOLOGY	lower Red River Formation	4.57	48.16	265.8	BEZYS	19 JAN 1999			E	
GEOLOGY	Winnipeg Formation	52.73	55.47	217.7	BEZYS	19 JAN 1999				
GEOLOGY	upper Winnipeg unit	52.73	9.45	217.7	BEZYS	19 JAN 1999				
GEOLOGY	lower Winnipeg unit	62.18	46.02	208.2	BEZYS	19 JAN 1999				
GEOLOGY	Basal Sand	103.94	4.26	166.5	BEZYS	19 JAN 1999				
GEOLOGY	base of Basal Sand	108.20		162.2	BEZYS	24 AUG 1992				
GEOLOGY	PRECAMBRIAN (Weathered)	108.20	0.61	162.2	BEZYS	19 JAN 1999			I	
GEOLOGY	Final Total Depth	108.81		161.6	BEZYS	24 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/07-35-010-10E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	GSC-U-92	Assessment File No:		Core Desc:	N				
KB Elev:	299.90	Grnd Elev:	299.90	TVD:	62.30	Fm At TD:	PRECAMBRIAN		
UTM East:	707400.0	UTM North:	5528700.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 16	Storage Units:	METRIC	Updated:	28 APR 1995	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	61.00	299.9	MCGREGOR	20 JAN 1999				
GEOLOGY	Base of Drift	61.00	61.00	238.9	MCGREGOR	20 JAN 1999				
GEOLOGY	PRECAMBRIAN	61.00		238.9	MCGREGOR	28 APR 1995				
GEOLOGY	Final Total Depth	62.30		237.6	MCGREGOR	28 APR 1995				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/11-15-011-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Manitoba Sun Core Hole No. 10				Assessment File No:	Core Desc: N			
KB Elev:	242.30	Grnd Elev:	240.18	TVD:	243.80	Fm At TD: PRECAMBRIAN			
UTM East:	616430.0	UTM North:	5531250.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	12 JUN 1999	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	6.10	242.3	BEZYS	12 JAN 1999				
GEOLOGY	Base of Drift	6.10	6.10	236.2	BEZYS	12 JAN 1999				
GEOLOGY	Paleozoic	6.10	237.40	236.2	BEZYS	12 JAN 1999			E	
GEOLOGY	Stonewall Formation	6.10	4.60	236.2	BEZYS	12 JAN 1999			E	
GEOLOGY	Ordovician	6.10	237.40	236.2	BEZYS	12 JAN 1999			E	
GEOLOGY	Stonewall (Lower)	6.10	4.60	236.2	BEZYS	12 JAN 1999			E	
GEOLOGY	Williams Member	6.10	4.60	236.2	BEZYS	12 JAN 1999			E	
GEOLOGY	Stony Mountain Formation	10.70	43.60	231.6	BEZYS	12 JAN 1999				
GEOLOGY	Gunton Member	10.70	19.80	231.6	BEZYS	12 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	30.50	23.80	211.8	BEZYS	12 JAN 1999				
GEOLOGY	Red River Formation	54.30	150.50	188.0	BEZYS	12 JAN 1999				
GEOLOGY	Unit B	54.30	150.50	188.0	BEZYS	12 JAN 1999				
GEOLOGY	Selkirk Member	89.90	114.90	152.4	BEZYS	12 JAN 1999				
GEOLOGY	Winnipeg Formation	204.80	38.70	37.5	BEZYS	12 JAN 1999				
GEOLOGY	PRECAMBRIAN	243.50		-1.2	BEZYS	15 JUN 1993				
GEOLOGY	Final Total Depth	243.80		-1.5	BEZYS	15 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/01-21-011-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-03-74, Headingly, N.	Assessment File No:		Core Desc:	Y				
KB Elev:	240.20	Grnd Elev:	240.20	TVD:	103.50	Fm At TD:	Red River Formation		
UTM East:	615750.0	UTM North:	5533450.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	02 NOV 1994	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	5.80	240.2	BEZYS	12 JAN 1999				
GEOLOGY	Base of Drift	5.80	5.80	234.4	BEZYS	17 APR 1996				
GEOLOGY	Paleozoic	5.80	97.70	234.4	MCCABE	12 JAN 1999		I	E	
GEOLOGY	Ordovician	5.80	97.70	234.4	MCCABE	12 JAN 1999		I	E	
GEOLOGY	Stonewall (Lower)	5.80	13.10	234.4	MCCABE	12 JAN 1999			E	
GEOLOGY	Williams Member	7.60	11.30	232.6	MCCABE	12 JAN 1999			E	
GEOLOGY	Stony Mountain Formation	18.90	36.00	221.3	MCCABE	12 JAN 1999				
GEOLOGY	upper Stony Mountain Formation	18.90	8.80	221.3	MCCABE	12 JAN 1999				
GEOLOGY	Gunton Member	18.90	8.80	221.3	MCCABE	12 JAN 1999				
GEOLOGY	lower Stony Mountain Formation	27.70	27.20	212.5	MCCABE	12 JAN 1999				
GEOLOGY	Penitentiary Member	27.70	4.60	212.5	MCCABE	12 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	32.30	22.60	207.9	MCCABE	12 JAN 1999				
GEOLOGY	Red River Formation	54.90	48.60	185.3	MCCABE	12 JAN 1999		I		
GEOLOGY	upper Red River Formation	54.90	35.60	185.3	MCCABE	12 JAN 1999				
GEOLOGY	Fort Garry Member (Herald-Redvers)	54.90	35.60	185.3	MCCABE	12 JAN 1999				
GEOLOGY	lower Red River Formation	90.50	13.00	149.7	MCCABE	12 JAN 1999		I		
GEOLOGY	Selkirk Member	90.50	13.00	149.7	MCCABE	12 JAN 1999		I		
GEOLOGY	Final Total Depth	103.50		136.7	MCCABE	02 NOV 1994				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				103.30	31	111	8		09 FEB 1996	GEOLOGY	METRIC



UWI:	100/11-22-011-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	(ASD) Art Dawson DH #11	Assessment File No:		Core Desc:	N				
KB Elev:	240.20	Grnd Elev:	240.20	TVD:	53.30	Fm At TD:	Red River Formation		
UTM East:	616225.0	UTM North:	5533150.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	11.30	240.2	BEZYS	12 JAN 1999				
GEOLOGY	Base of Drift	11.30	11.30	228.9	BEZYS	12 JAN 1999				
GEOLOGY	Paleozoic	11.30	42.00	228.9	BEZYS	12 JAN 1999		I	E	
GEOLOGY	Stonewall Formation	11.30	2.70	228.9	BEZYS	12 JAN 1999			E	
GEOLOGY	Ordovician	11.30	42.00	228.9	BEZYS	12 JAN 1999		I	E	
GEOLOGY	Stonewall (Lower)	11.30	2.70	228.9	BEZYS	12 JAN 1999			E	
GEOLOGY	Williams Member	11.30	2.70	228.9	BEZYS	12 JAN 1999			E	
GEOLOGY	Stony Mountain Formation	14.00	34.00	226.2	BEZYS	12 JAN 1999				
GEOLOGY	Gunton Member	14.00	9.20	226.2	BEZYS	12 JAN 1999				
GEOLOGY	Penitentiary Member	23.20	6.40	217.0	BEZYS	12 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	29.60	18.40	210.6	BEZYS	12 JAN 1999				
GEOLOGY	Red River Formation	48.00	5.30	192.2	BEZYS	12 JAN 1999		I		
GEOLOGY	upper Red River Formation	48.00	5.30	192.2	BEZYS	12 JAN 1999		I		
GEOLOGY	Fort Garry Member (Herald-Redvers)	48.00	5.30	192.2	BEZYS	12 JAN 1999		I		
GEOLOGY	Final Total Depth	53.30		186.9	BEZYS	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/08-35-011-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	(ASD) Art Dawson DH No. 5				Assessment File No:			Core Desc:	N
KB Elev:	240.80	Grnd Elev:	240.80	TVD:	51.50	Fm At TD:	Red River Formation		
UTM East:	618500.0	UTM North:	5535950.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	15 JUN 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	13.70	240.8	MCCABE	12 JAN 1999				
GEOLOGY	Base of Drift	13.70	13.70	227.1	MCCABE	12 JAN 1999				
GEOLOGY	Paleozoic	13.70	37.80	227.1	MCCABE	12 JAN 1999		I	E	
GEOLOGY	Ordovician	13.70	37.80	227.1	MCCABE	12 JAN 1999		I	E	
GEOLOGY	Stony Mountain Formation	13.70	32.00	227.1	MCCABE	12 JAN 1999			E	
GEOLOGY	Gunton Member	13.70	6.00	227.1	MCCABE	12 JAN 1999			E	
GEOLOGY	Penitentiary Member	19.70	6.70	221.1	MCCABE	12 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	26.40	19.30	214.4	MCCABE	12 JAN 1999				
GEOLOGY	Red River Formation	45.70	5.80	195.1	MCCABE	12 JAN 1999		I		
GEOLOGY	Final Total Depth	51.50		189.3	MCCABE	15 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/15-04-011-02E1/00	Licence:	Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-13-88, WRB/MP #1	Assessment File No:	Core Desc:	Y				
KB Elev:	237.70	Grnd Elev:	237.70	TVD:	69.10	Fm At TD:	Red River Formation	
UTM East:	624500.0	UTM North:	5529000.0	UTM Zone:	14	Node Position:	SURFACE	Faulted: N Deviation: N
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	30 MAR 1993	Country:	CANADA	Prov: MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	9.20	237.7	MCCABE	14 JAN 1999				
GEOLOGY	Base of Drift	9.20	9.20	228.5	MCCABE	14 JAN 1999				
GEOLOGY	Paleozoic	9.20	59.90	228.5	MCCABE	14 JAN 1999		I	E	
GEOLOGY	Ordovician	9.20	59.90	228.5	MCCABE	14 JAN 1999		I	E	
GEOLOGY	Stony Mountain Formation	9.20	17.70	228.5	MCCABE	14 JAN 1999			E	
GEOLOGY	Red River Formation	26.90	42.20	210.8	MCCABE	14 JAN 1999		I		
GEOLOGY	upper Red River Formation	26.90	35.90	210.8	BEZYS	14 JAN 1999				
GEOLOGY	Fort Garry Member (Herald-Redvers)	26.90	35.90	210.8	BEZYS	14 JAN 1999				
GEOLOGY	lower Red River Formation	62.80	6.30	174.9	MCCABE	14 JAN 1999		I		
GEOLOGY	Final Total Depth	69.10		168.6	MCCABE	30 MAR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				69.10					22 MAR 1993	GEOLOGY	METRIC



UWI:	100/04-09-011-02E1/00	Licence:	Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-83, St. James	Assessment File No:	Core Desc:	Y				
KB Elev:	239.00	Grnd Elev:	239.00	TVD:	84.50	Fm At TD:	Red River Formation	
UTM East:	623900.0	UTM North:	5529250.0	UTM Zone:	14	Node Position:	SURFACE	Faulted: N Deviation: N
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	11 JUN 1993	Country:	CANADA	Prov: MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	239.0	BEZYS	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	239.0	BEZYS	19 APR 1996				
GEOLOGY	Paleozoic	0.00	84.50	239.0	MCCABE	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	0.00	4.70	239.0	MCCABE	14 JAN 1999			E	
GEOLOGY	Ordovician	0.00	84.50	239.0	MCCABE	14 JAN 1999			E	
GEOLOGY	Stonewall (Lower)	0.00	4.70	239.0	MCCABE	14 JAN 1999			E	
GEOLOGY	Williams Member	0.00	4.70	239.0	MCCABE	14 JAN 1999			E	
GEOLOGY	Stony Mountain Formation	4.70	27.10	234.3	MCCABE	14 JAN 1999				
GEOLOGY	Penitentiary Member	6.00	6.20	233.0	MCCABE	14 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	12.20	19.60	226.8	MCCABE	14 JAN 1999				
GEOLOGY	Red River Formation	31.80	52.70	207.2	MCCABE	14 JAN 1999		I		
GEOLOGY	upper Red River Formation	31.80	37.80	207.2	MCCABE	14 JAN 1999				
GEOLOGY	Fort Garry Member (Herald-Redvers)	31.80	37.80	207.2	MCCABE	14 JAN 1999				
GEOLOGY	lower Red River Formation	69.60	14.90	169.4	MCCABE	14 JAN 1999		I		
GEOLOGY	Unit B	69.60	14.90	169.4	MCCABE	14 JAN 1999		I		
GEOLOGY	Selkirk Member	69.60	14.90	169.4	MCCABE	14 JAN 1999		I		
GEOLOGY	Final Total Depth	84.50		154.5	MCCABE	11 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				84.50					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/06-12-011-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	WEST GYP EMPRESS ST				Assessment File No:			Core Desc:	N
KB Elev:	235.00	Grnd Elev:	235.00	TVD:	90.50	Fm At TD:	Red River Formation		
UTM East:	629450.0	UTM North:	5529750.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Paleozoic	20.10	70.40	214.9	BANNATYNE	14 JAN 1999		I	E	
GEOLOGY	Ordovician	20.10	70.40	214.9	BANNATYNE	14 JAN 1999		I	E	
GEOLOGY	Red River Formation	20.10	70.40	214.9	BANNATYNE	14 JAN 1999		I	E	
GEOLOGY	upper Red River Formation	20.10	24.10	214.9	BANNATYNE	14 JAN 1999			E	
GEOLOGY	Fort Garry Member (Herald-Redvers)	20.10	24.10	214.9	BANNATYNE	14 JAN 1999			E	
GEOLOGY	lower Red River Formation	44.20	46.30	190.8	BANNATYNE	14 JAN 1999		I		
GEOLOGY	Unit B	44.20	46.30	190.8	BANNATYNE	14 JAN 1999		I		
GEOLOGY	Selkirk Member	44.20	46.30	190.8	BANNATYNE	14 JAN 1999		I		
GEOLOGY	Final Total Depth	90.50		144.5	BANNATYNE	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/07-18-011-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-82, St. James	Assessment File No:		Core Desc:	Y				
KB Elev:	239.10	Grnd Elev:	239.10	TVD:	43.20	Fm At TD:	Red River Formation		
UTM East:	621525.0	UTM North:	5531325.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	21 JUN 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	8.10	239.1	RBSX	14 JAN 1999				
GEOLOGY	Base of Drift	8.10	8.10	231.0	RBSX	23 APR 1996				
GEOLOGY	Paleozoic	8.10	35.10	231.0	MCCABE	14 JAN 1999		I	E	
GEOLOGY	Ordovician	8.10	35.10	231.0	MCCABE	14 JAN 1999		I	E	
GEOLOGY	Stony Mountain Formation	8.10	27.30	231.0	MCCABE	14 JAN 1999			E	
GEOLOGY	Gunton Member	8.10	2.70	231.0	MCCABE	14 JAN 1999			E	
GEOLOGY	lower Stony Mountain Formation	10.80	24.60	228.3	MCCABE	14 JAN 1999				
GEOLOGY	Penitentiary Member	10.80	4.40	228.3	MCCABE	14 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	15.20	20.20	223.9	MCCABE	14 JAN 1999				
GEOLOGY	Red River Formation	35.40	7.80	203.7	MCCABE	14 JAN 1999		I		
GEOLOGY	upper Red River Formation	35.40	7.80	203.7	MCCABE	14 JAN 1999		I		
GEOLOGY	Fort Garry Member (Herald-Redvers)	35.40	7.80	203.7	MCCABE	14 JAN 1999		I		
GEOLOGY	Final Total Depth	43.20		195.9	MCCABE	04 NOV 1994				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				43.20					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/01-20-011-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-02 Sturgeon Road	Assessment File No:		Core Desc:	Y				
KB Elev:	240.50	Grnd Elev:	240.50	TVD:	10.00	Fm At TD:	Stony Mountain Formation		
UTM East:	623546.0	UTM North:	5532402.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	12 SEP 2002	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Base of Drift	0.00	4.50	240.5	JBRB	12 SEP 2002				
GEOLOGY	Paleozoic	4.50	5.50	236.0	JBRB	12 SEP 2002		I	E	
GEOLOGY	Ordovician	4.50	5.50	236.0	JBRB	12 SEP 2002			I	E
GEOLOGY	Stony Mountain Formation	4.50	5.50	236.0	JBRB	12 SEP 2002			I	E
GEOLOGY	upper Stony Mountain Formation	4.50	5.50	236.0	JBRB	12 SEP 2002			I	E
GEOLOGY	Gunton Member	4.50	5.50	236.0	JBRB	12 SEP 2002			I	E

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	102/01-20-011-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-02-02 Sturgeon Road	Assessment File No:		Core Desc:	Y				
KB Elev:	240.40	Grnd Elev:	240.40	TVD:	32.60	Fm At TD:	Red River Formation		
UTM East:	623446.0	UTM North:	5532403.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	12 SEP 2002	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Base of Drift	0.00	3.50	240.4	JBRB	12 SEP 2002			E	
GEOLOGY	Paleozoic	3.50	29.10	236.9	JBRB	12 SEP 2002		I	E	
GEOLOGY	Ordovician	3.50	29.10	236.9	JBRB	12 SEP 2002		I	E	
GEOLOGY	Stony Mountain Formation	3.50	17.50	236.9	JBRB	12 SEP 2002			E	
GEOLOGY	upper Stony Mountain Formation	3.50	5.90	236.9	JBRB	12 SEP 2002			E	
GEOLOGY	Guntun Member	3.50	5.90	236.9	JBRB	12 SEP 2002			E	
GEOLOGY	lower Stony Mountain Formation	9.40	21.60	231.0	JBRB	12 SEP 2002				
GEOLOGY	Penitentiary Member	9.40	4.80	231.0	JBRB	12 SEP 2002				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	14.20	16.80	226.2	JBRB	12 SEP 2002				
GEOLOGY	Red River Formation	31.00	1.60	209.4	JBRB	12 SEP 2002		I		
GEOLOGY	upper Red River Formation	31.00	1.60	209.4	JBRB	12 SEP 2002		I		
GEOLOGY	Fort Garry Member (Herald-Redvers)	31.00	1.60	209.4	JBRB	12 SEP 2002		I		
GEOLOGY	Final Total Depth	32.60		207.8	JBRB	12 SEP 2002				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/05-30-011-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	(ASD) Art Dawson DH #12				Assessment File No:		Core Desc:	N	
KB Elev:	240.20	Grnd Elev:	240.20	TVD:	42.10	Fm At TD:	Red River Formation		
UTM East:	620800.0	UTM North:	5534425.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	6.70	240.2	BEZYS	14 JAN 1999				
GEOLOGY	Base of Drift	6.70	6.70	233.5	BEZYS	14 JAN 1999				
GEOLOGY	Paleozoic	6.70	35.40	233.5	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Ordovician	6.70	35.40	233.5	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Stony Mountain Formation	6.70	29.40	233.5	BEZYS	14 JAN 1999			E	
GEOLOGY	Gunton Member	6.70	4.60	233.5	BEZYS	14 JAN 1999			E	
GEOLOGY	Penitentiary Member	11.30	7.60	228.9	BEZYS	14 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	18.90	17.20	221.3	BEZYS	14 JAN 1999				
GEOLOGY	Red River Formation	36.10	6.00	204.1	BEZYS	14 JAN 1999		I		
GEOLOGY	upper Red River Formation	36.10	6.00	204.1	BEZYS	14 JAN 1999		I		
GEOLOGY	Fort Garry Member (Herald-Redvers)	36.10	6.00	204.1	BEZYS	14 JAN 1999		I		
GEOLOGY	Final Total Depth	42.10		198.1	BEZYS	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/01-33-011-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	ASD #7	Assessment File No:		Core Desc:	N				
KB Elev:	243.50	Grnd Elev:	243.50	TVD:	42.10	Fm At TD:	Red River Formation		
UTM East:	625160.0	UTM North:	5535725.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	4.00	243.5	BEZYS	14 JAN 1999				
GEOLOGY	Base of Drift	4.00	4.00	239.5	BEZYS	23 APR 1996				
GEOLOGY	Paleozoic	4.00	38.10	239.5	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Ordovician	4.00	38.10	239.5	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Stony Mountain Formation	4.00	30.50	239.5	BEZYS	14 JAN 1999			E	
GEOLOGY	upper Stony Mountain Formation	4.00	6.80	239.5	BEZYS	14 JAN 1999			E	
GEOLOGY	Gunton Member	4.00	6.80	239.5	BEZYS	14 JAN 1999			E	
GEOLOGY	lower Stony Mountain Formation	10.80	23.70	232.7	BEZYS	14 JAN 1999				
GEOLOGY	Penitentiary Member	10.80	6.70	232.7	BEZYS	14 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	17.50	17.00	226.0	BEZYS	14 JAN 1999				
GEOLOGY	Red River Formation	34.50	7.60	209.0	BEZYS	14 JAN 1999		I		
GEOLOGY	upper Red River Formation	34.50	7.60	209.0	BEZYS	14 JAN 1999		I		
GEOLOGY	Fort Garry Member (Herald-Redvers)	34.50	7.60	209.0	BEZYS	14 JAN 1999		I		
GEOLOGY	Final Total Depth	42.10		201.4	BEZYS	01 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/13-33-011-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-79 Moore	Assessment File No:		Core Desc:	N				
KB Elev:	242.70	Grnd Elev:	242.70	TVD:	48.05	Fm At TD:	Red River Formation		
UTM East:	623875.0	UTM North:	5536875.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:									
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	5.10	242.7	BEZYS	14 JAN 1999				
GEOLOGY	Base of Drift	5.10	5.10	237.6	BEZYS	23 APR 1996				
GEOLOGY	Paleozoic	5.10	43.00	237.6	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Ordovician	5.10	43.00	237.6	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Stony Mountain Formation	5.10	27.40	237.6	BEZYS	14 JAN 1999			E	
GEOLOGY	upper Stony Mountain Formation	5.10	1.30	237.6	BEZYS	14 JAN 1999			E	
GEOLOGY	Gunton Member	5.10	1.30	237.6	BEZYS	14 JAN 1999			E	
GEOLOGY	lower Stony Mountain Formation	6.40	26.10	236.3	BEZYS	14 JAN 1999				
GEOLOGY	Penitentiary Member	6.40	3.90	236.3	BEZYS	14 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	10.30	22.20	232.4	BEZYS	14 JAN 1999				
GEOLOGY	Red River Formation	32.50	15.60	210.2	BEZYS	14 JAN 1999		I		
GEOLOGY	upper Red River Formation	32.50	15.60	210.2	BEZYS	14 JAN 1999		I		
GEOLOGY	Fort Garry Member (Herald-Redvers)	32.50	15.60	210.2	BEZYS	14 JAN 1999		I		
GEOLOGY	Final Total Depth	48.10		194.6	BEZYS	01 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				48.10					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/01-04-011-05E1/00	Licence:		Class:	WATER WELL	Source:	GEOLOGY	Confidential:	N
Well Name:	Dugald Museum Water Well	Assessment File No:		Core Desc:	Y				
KB Elev:	237.50	Grnd Elev:	237.50	TVD:	100.00	Fm At TD:	Winnipeg Formation		
UTM East:	654900.0	UTM North:	5528150.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 15	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	13.10	237.5	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	13.10	13.10	224.4	BEZYS	19 NOV 1998				
GEOLOGY	Paleozoic	13.10	86.90	224.4	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Ordovician	13.10	86.90	224.4	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Red River Formation	13.10	80.80	224.4	BEZYS	19 NOV 1998			E	
GEOLOGY	Winnipeg Formation	93.90	6.10	143.6	BEZYS	19 NOV 1998		I		
GEOLOGY	Final Total Depth	100.00		137.5	BEZYS	19 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/16-22-011-07E1/00	Licence:		Class:	WATER WELL	Source:	GEOLOGY	Confidential:	N
Well Name:	Oakwood Water Well	Assessment File No:		Core Desc:	Y				
KB Elev:	263.10	Grnd Elev:	263.10	TVD:	55.00	Fm At TD:	Winnipeg Formation		
UTM East:	676150.0	UTM North:	5534650.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 15	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	26.20	263.1	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	26.20	26.20	236.9	BEZYS	19 NOV 1998				
GEOLOGY	Paleozoic	26.20	28.80	236.9	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Ordovician	26.20	28.80	236.9	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Red River Formation	26.20	28.70	236.9	BEZYS	19 NOV 1998			E	
GEOLOGY	Winnipeg Formation	54.90	0.10	208.2	BEZYS	19 NOV 1998		I		
GEOLOGY	Final Total Depth	55.00		208.1	BEZYS	19 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/13-32-011-07E1/00	Licence:		Class:	WATER WELL	Source:	GEOLOGY	Confidential:	N
Well Name:	Springfield Water Well	Assessment File No:		Core Desc:	Y				
KB Elev:	249.94	Grnd Elev:	249.94	TVD:	62.50	Fm At TD:	Winnipeg Formation		
UTM East:	671330.0	UTM North:	5538070.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 15	Storage Units:	METRIC	Updated:	19 NOV 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	25.00	249.9	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	25.00	25.00	224.9	BEZYS	19 NOV 1998				
GEOLOGY	Paleozoic	25.00	37.50	224.9	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Ordovician	25.00	37.50	224.9	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Red River Formation	25.00	36.00	224.9	BEZYS	19 NOV 1998			E	
GEOLOGY	Winnipeg Formation	61.00	1.50	188.9	BEZYS	19 NOV 1998		I		
GEOLOGY	Final Total Depth	62.50		187.4	BEZYS	19 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/01-08-012-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	(ASD) Art Dawson DH No. 2				Assessment File No:		Core Desc:	N	
KB Elev:	243.50	Grnd Elev:	243.50	TVD:	114.00	Fm At TD:	Red River Formation		
UTM East:	613625.0	UTM North:	5538725.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	15 JUN 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	7.90	243.5	MCCABE	12 JAN 1999				
GEOLOGY	Base of Drift	7.90	7.90	235.6	MCCABE	12 JAN 1999				
GEOLOGY	Paleozoic	7.90	106.10	235.6	MCCABE	12 JAN 1999		I	E	
GEOLOGY	Stonewall Formation	7.90	10.70	235.6	MCCABE	12 JAN 1999			E	
GEOLOGY	Ordovician	7.90	106.10	235.6	MCCABE	12 JAN 1999		I	E	
GEOLOGY	Stonewall (Lower)	7.90	10.70	235.6	MCCABE	12 JAN 1999			E	
GEOLOGY	Williams Member	12.00	6.60	231.5	MCCABE	12 JAN 1999				
GEOLOGY	Stony Mountain Formation	18.60	35.20	224.9	MCCABE	12 JAN 1999				
GEOLOGY	Gunton Member	18.60	11.30	224.9	MCCABE	12 JAN 1999				
GEOLOGY	Penitentiary Member	29.90	23.90	213.6	MCCABE	12 JAN 1999				
GEOLOGY	Red River Formation	53.80	60.20	189.7	MCCABE	12 JAN 1999		I		
GEOLOGY	Final Total Depth	114.00		129.5	MCCABE	15 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/04-14-012-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-04-77, Gordon	Assessment File No:		Core Desc:	Y				
KB Elev:	241.80	Grnd Elev:	241.80	TVD:	12.80	Fm At TD:	Base of Drift		
UTM East:	617200.0	UTM North:	5540400.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
								Deviation:	N
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	12.80	241.8	RBDN	12 JAN 1999			I	
GEOLOGY	Base of Drift	12.80	12.80	229.0	RBDN	12 JAN 1999			I	
GEOLOGY	Final Total Depth	12.80		229.0	RBDN	10 DEC 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				12.80					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/01-27-012-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-03-77, Gordon	Assessment File No:		Core Desc:	Y				
KB Elev:	242.30	Grnd Elev:	242.30	TVD:	11.40	Fm At TD:	Base of Drift		
UTM East:	616800.0	UTM North:	5543675.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
								Deviation:	N
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	23 NOV 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	11.40	242.3	BEZYS	12 JAN 1999			I	
GEOLOGY	Base of Drift	11.40	11.40	230.9	BEZYS	23 NOV 1998			I	
GEOLOGY	Final Total Depth	11.40		230.9	BEZYS	23 NOV 1998			I	

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				11.40	31	111	8		01 MAR 1995	GEOLOGY	METRIC



UWI:	100/15-08-012-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-05-77 Winnipeg N.	Assessment File No:		Core Desc:	Y				
KB Elev:	242.60	Grnd Elev:	242.60	TVD:	23.20	Fm At TD:	Stony Mountain Formation		
UTM East:	622975.0	UTM North:	5540400.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	4.90	242.6	BEZYS	14 JAN 1999				
GEOLOGY	Base of Drift	4.90	4.90	237.7	BEZYS	23 APR 1996				
GEOLOGY	Paleozoic	4.90	18.30	237.7	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Ordovician	4.90	18.30	237.7	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Stony Mountain Formation	4.90	18.30	237.7	BEZYS	14 JAN 1999		I	E	
GEOLOGY	lower Stony Mountain Formation	4.90	18.30	237.7	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	4.90	18.30	237.7	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Final Total Depth	23.20		219.4	BEZYS	01 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				23.20					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/12-17-012-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-02-79 Lilyfield	Assessment File No:		Core Desc:	N				
KB Elev:	243.90	Grnd Elev:	243.90	TVD:	45.90	Fm At TD:	Red River Formation		
UTM East:	622170.0	UTM North:	5541400.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	5.70	243.9	BEZYS	14 JAN 1999				
GEOLOGY	Base of Drift	5.70	5.70	238.2	BEZYS	14 JAN 1999				
GEOLOGY	Paleozoic	5.70	40.20	238.2	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Ordovician	5.70	40.20	238.2	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Stony Mountain Formation	5.70	28.90	238.2	BEZYS	14 JAN 1999			E	
GEOLOGY	upper Stony Mountain Formation	5.70	3.60	238.2	BEZYS	14 JAN 1999			E	
GEOLOGY	Gunton Member	5.70	3.60	238.2	BEZYS	14 JAN 1999			E	
GEOLOGY	lower Stony Mountain Formation	9.30	25.30	234.6	BEZYS	14 JAN 1999				
GEOLOGY	Penitentiary Member	9.30	2.40	234.6	BEZYS	14 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	11.70	22.90	232.2	BEZYS	14 JAN 1999				
GEOLOGY	Red River Formation	34.60	11.30	209.3	BEZYS	14 JAN 1999		I		
GEOLOGY	upper Red River Formation	34.60	11.30	209.3	BEZYS	14 JAN 1999		I		
GEOLOGY	Fort Garry Member (Herald-Redvers)	34.60	11.30	209.3	BEZYS	14 JAN 1999		I		
GEOLOGY	Final Total Depth	45.90		198.0	BEZYS	01 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				45.90					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/07-29-012-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Stony Mountain No. 1	Assessment File No:		Core Desc:	N				
KB Elev:	243.84	Grnd Elev:	243.84	TVD:	307.85	Fm At TD:	PRECAMBRIAN (Weathered)		
UTM East:	622700.0	UTM North:	5544575.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	11 MAR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	243.8	BEZYS	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	243.8	BEZYS	14 JAN 1999				
GEOLOGY	Paleozoic	0.60	215.20	243.2	BEZYS	14 JAN 1999			E	
GEOLOGY	Ordovician	0.60	215.20	243.2	BEZYS	14 JAN 1999			E	
GEOLOGY	Stony Mountain Formation	0.60	34.50	243.2	BEZYS	14 JAN 1999			E	
GEOLOGY	Red River Formation	35.10	150.80	208.7	BEZYS	14 JAN 1999				
GEOLOGY	Winnipeg Formation	185.90	29.90	57.9	BEZYS	14 JAN 1999				
GEOLOGY	PRECAMBRIAN (Weathered)	215.80		28.0	BEZYS	04 AUG 1992				
GEOLOGY	Final Total Depth	307.85		-64.0	BEZYS	04 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/16-35-012-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-78 Stony Mountain	Assessment File No:		Core Desc:	Y				
KB Elev:	233.80	Grnd Elev:	233.80	TVD:	48.80	Fm At TD:	Red River Formation		
UTM East:	628200.0	UTM North:	5546850.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	15.20	233.8	BEZYS	14 JAN 1999				
GEOLOGY	Base of Drift	15.20	15.20	218.6	BEZYS	14 JAN 1999				
GEOLOGY	Paleozoic	15.20	33.60	218.6	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Ordovician	15.20	33.60	218.6	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Red River Formation	15.20	33.60	218.6	BEZYS	14 JAN 1999		I	E	
GEOLOGY	upper Red River Formation	15.20	26.60	218.6	BEZYS	14 JAN 1999			E	
GEOLOGY	Fort Garry Member (Herald-Redvers)	15.20	26.60	218.6	BEZYS	14 JAN 1999			E	
GEOLOGY	lower Red River Formation	41.80	7.00	192.0	BEZYS	14 JAN 1999		I		
GEOLOGY	Selkirk Member	41.80	7.00	192.0	BEZYS	14 JAN 1999		I		
GEOLOGY	Final Total Depth	48.80		185.0	BEZYS	01 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				48.80					23 MAR 1993	GEOLOGY	METRIC



UWI:	100/14-26-012-06E1/00	Licence:	Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-09-96, Tyndall S	Assessment File No:	Core Desc:	Y				
KB Elev:	248.10	Grnd Elev:	248.10	TVD:	15.60	Fm At TD:	Red River Formation	
UTM East:	666640.0	UTM North:	5546300.0	UTM Zone:	14	Node Position:	SURFACE	Faulted: N Deviation: N
Map Sheet:	62I 02	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov: MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	248.1	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	248.1	BEZYS	16 MAR 1997				
GEOLOGY	Paleozoic	0.00	15.60	248.1	BEZYS	30 OCT 1998		I	E	
GEOLOGY	Ordovician	0.00	15.60	248.1	BEZYS	30 OCT 1998		I	E	
GEOLOGY	Red River Formation	0.00	15.60	248.1	BEZYS	30 OCT 1998		I	E	
GEOLOGY	lower Red River Formation	0.00	15.60	248.1	BEZYS	30 OCT 1998		I	E	
GEOLOGY	Selkirk Member	0.00	15.60	248.1	BEZYS	30 OCT 1998		I	E	
GEOLOGY	Final Total Depth	15.60		232.5	BEZYS	16 MAR 1997				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/08-11-013-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-02-77 Stonewall SW	Assessment File No:		Core Desc:	Y				
KB Elev:	246.90	Grnd Elev:	246.90	TVD:	23.00	Fm At TD:	Stony Mountain Formation		
UTM East:	618225.0	UTM North:	5549025.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	6.40	246.9	BEZYS	12 JAN 1999				
GEOLOGY	Base of Drift	6.40	6.40	240.5	BEZYS	23 APR 1996				
GEOLOGY	Paleozoic	6.40	16.60	240.5	BEZYS	04 NOV 1998		I	E	
GEOLOGY	Ordovician	6.40	16.60	240.5	BEZYS	04 NOV 1998		I	E	
GEOLOGY	Stonewall (Lower)	6.40	4.80	240.5	BEZYS	04 NOV 1998			E	
GEOLOGY	Williams Member	6.40	4.80	240.5	BEZYS	04 NOV 1998			E	
GEOLOGY	Stony Mountain Formation	11.20	11.80	235.7	BEZYS	04 NOV 1998		I		
GEOLOGY	upper Stony Mountain Formation	11.20	10.40	235.7	BEZYS	04 NOV 1998				
GEOLOGY	Gunton Member	11.20	10.40	235.7	BEZYS	04 NOV 1998				
GEOLOGY	lower Stony Mountain Formation	21.60	1.40	225.3	BEZYS	04 NOV 1998		I		
GEOLOGY	Penitentiary Member	21.60	1.40	225.3	BEZYS	04 NOV 1998		I		
GEOLOGY	Final Total Depth	23.00		223.9	BEZYS	04 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				23.00					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/01-12-013-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	B-1A-76, Stonewall South	Assessment File No:		Core Desc:	Y				
KB Elev:	242.00	Grnd Elev:	242.00	TVD:	42.20	Fm At TD:	Red River Formation		
UTM East:	619880.0	UTM North:	5548650.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	3.90	242.0	BEZYS	12 JAN 1999				
GEOLOGY	Base of Drift	3.90	3.90	238.1	BEZYS	23 APR 1996				
GEOLOGY	Paleozoic	3.90	38.30	238.1	MCCABE	30 OCT 1998		I		
GEOLOGY	Ordovician	3.90	38.30	238.1	MCCABE	30 OCT 1998		I		
GEOLOGY	Stony Mountain Formation	3.90	33.90	238.1	MCCABE	30 OCT 1998				
GEOLOGY	Gunton Member	3.90	10.10	238.1	MCCABE	30 OCT 1998				
GEOLOGY	Penitentiary Member	14.00	6.80	228.0	MCCABE	30 OCT 1998				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	20.80	17.00	221.2	MCCABE	30 OCT 1998				
GEOLOGY	Red River Formation	37.80	4.40	204.2	MCCABE	30 OCT 1998		I		
GEOLOGY	Fort Garry Member (Herald-Redvers)	37.80	4.40	204.2	MCCABE	30 OCT 1998		I		
GEOLOGY	Final Total Depth	42.20		199.8	MCCABE	23 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				48.20					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/16-08-013-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-77 Stony Mountain West	Assessment File No:		Core Desc:	N				
KB Elev:	243.80	Grnd Elev:	243.80	TVD:	22.00	Fm At TD:	Stony Mountain Formation		
UTM East:	623175.0	UTM North:	5550000.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	4.50	243.8	BEZYS	14 JAN 1999				
GEOLOGY	Base of Drift	4.50	4.50	239.3	BEZYS	23 NOV 1998				
GEOLOGY	Paleozoic	4.50	17.50	239.3	BEZYS	23 NOV 1998		I	E	
GEOLOGY	Ordovician	4.50	17.50	239.3	BEZYS	23 NOV 1998		I	E	
GEOLOGY	Stony Mountain Formation	4.50	17.50	239.3	BEZYS	23 NOV 1998		I	E	
GEOLOGY	upper Stony Mountain Formation	4.50	1.90	239.3	BEZYS	23 NOV 1998			E	
GEOLOGY	Gunton Member	4.50	1.90	239.3	BEZYS	23 NOV 1998			E	
GEOLOGY	lower Stony Mountain Formation	6.40	15.60	237.4	BEZYS	23 NOV 1998		I		
GEOLOGY	Penitentiary Member	6.40	6.10	237.4	BEZYS	23 NOV 1998				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	12.50	9.50	231.3	BEZYS	23 NOV 1998		I		
GEOLOGY	Final Total Depth	22.00		221.8	BEZYS	01 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				22.00					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/02-14-013-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-02-69, Stony Mountain Quarry	Assessment File No:		Core Desc:	Y				
KB Elev:	248.40	Grnd Elev:	248.40	TVD:	30.20	Fm At TD:	Red River Formation		
UTM East:	627700.0	UTM North:	5550500.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	10 JUN 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	248.4	MCCABE	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	248.4	MCCABE	14 JAN 1999				
GEOLOGY	Paleozoic	0.00	30.20	248.4	MCCABE	28 OCT 1998		I		
GEOLOGY	Ordovician	0.00	30.20	248.4	MCCABE	28 OCT 1998		I		
GEOLOGY	Stony Mountain Formation	0.00	24.40	248.4	MCCABE	28 OCT 1998				
GEOLOGY	Penitentiary Member	0.00	3.20	248.4	MCCABE	28 OCT 1998				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	3.20	21.20	245.2	MCCABE	28 OCT 1998				
GEOLOGY	Red River Formation	24.40	5.60	224.0	MCCABE	28 OCT 1998		I		
GEOLOGY	upper Red River Formation	24.40	5.80	224.0	MCCABE	28 OCT 1998		I		
GEOLOGY	Fort Garry Member (Herald-Redvers)	24.40	5.80	224.0	MCCABE	28 OCT 1998		I		
GEOLOGY	Final Total Depth	30.20		218.2	MCCABE	28 OCT 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				30.20					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/12-20-013-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	B-1E-76 Winnipeg N	Assessment File No:		Core Desc:	N				
KB Elev:	246.90	Grnd Elev:	246.90	TVD:	14.30	Fm At TD:	Stonewall Formation		
UTM East:	621825.0	UTM North:	5552825.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	4.30	246.9	BEZYS	14 JAN 1999				
GEOLOGY	Base of Drift	4.30	4.30	242.6	BEZYS	14 JAN 1999				
GEOLOGY	Paleozoic	4.30	10.00	242.6	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Ordovician	4.30	10.00	242.6	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Stony Mountain Formation	4.30	10.00	242.6	BEZYS	14 JAN 1999		I	E	
GEOLOGY	upper Stony Mountain Formation	4.30	10.00	242.6	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Gunton Member	4.30	10.00	242.6	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Final Total Depth	14.30		232.6	BEZYS	01 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				14.30					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/13-30-013-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-69 Stonewall Quarry	Assessment File No:		Core Desc:	Y				
KB Elev:	250.20	Grnd Elev:	250.20	TVD:	27.20	Fm At TD:	Stonewall Formation		
UTM East:	620400.0	UTM North:	5554575.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	250.2	BEZYS	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	250.2	BEZYS	28 OCT 1998				
GEOLOGY	Paleozoic	0.00	27.20	250.2	BEZYS	28 OCT 1998		I	E	
GEOLOGY	Ordovician	0.00	27.20	250.2	BEZYS	28 OCT 1998		I	E	
GEOLOGY	Stonewall (Lower)	0.00	9.00	250.2	BEZYS	28 OCT 1998			E	
GEOLOGY	Williams Member	0.00	9.00	250.2	BEZYS	28 OCT 1998			E	
GEOLOGY	Stony Mountain Formation	9.00	18.20	241.2	BEZYS	28 OCT 1998		I		
GEOLOGY	upper Stony Mountain Formation	9.00	9.40	241.2	BEZYS	28 OCT 1998				
GEOLOGY	Gunton Member	9.00	9.40	241.2	BEZYS	28 OCT 1998				
GEOLOGY	lower Stony Mountain Formation	18.40	8.80	231.8	BEZYS	28 OCT 1998		I		
GEOLOGY	Penitentiary Member	18.40	7.40	231.8	BEZYS	28 OCT 1998				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	25.80	1.40	224.4	BEZYS	28 OCT 1998		I		
GEOLOGY	Final Total Depth	27.20		223.0	BEZYS	28 OCT 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				27.10					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/13-16-013-03E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	B-1D-76 Stony Mountain E	Assessment File No:		Core Desc:	Y				
KB Elev:	234.70	Grnd Elev:	234.70	TVD:	13.40	Fm At TD:	Red River Formation		
UTM East:	633375.0	UTM North:	5551925.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	6.70	234.7	BEZYS	18 JAN 1999				
GEOLOGY	Base of Drift	6.70	6.70	228.0	BEZYS	23 APR 1996				
GEOLOGY	Paleozoic	6.70	6.70	228.0	BEZYS	18 JAN 1999		I	E	
GEOLOGY	Ordovician	6.70	6.70	228.0	BEZYS	18 JAN 1999		I	E	
GEOLOGY	Red River Formation	6.70	6.70	228.0	BEZYS	18 JAN 1999		I	E	
GEOLOGY	upper Red River Formation	6.70	6.70	228.0	BEZYS	18 JAN 1999		I	E	
GEOLOGY	Fort Garry Member (Herald-Redvers)	6.70	6.70	228.0	BEZYS	18 JAN 1999		I	E	
GEOLOGY	Final Total Depth	13.40		221.3	BEZYS	01 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				13.40	3	112	8		09 FEB 1996	GEOLOGY	METRIC



UWI:	100/13-19-013-03E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	B-1B-76 Stony Mountain N	Assessment File No:		Core Desc:	Y				
KB Elev:	235.50	Grnd Elev:	235.50	TVD:	43.70	Fm At TD:	Red River Formation		
UTM East:	630125.0	UTM North:	5553425.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	23 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	2.40	235.5	BEZYS	18 JAN 1999				
GEOLOGY	Base of Drift	2.40	2.40	233.1	BEZYS	23 APR 1996				
GEOLOGY	Paleozoic	2.40	41.30	233.1	BEZYS	30 OCT 1998		I	E	
GEOLOGY	Ordovician	2.40	41.30	233.1	BEZYS	30 OCT 1998		I	E	
GEOLOGY	Red River Formation	2.40	41.30	233.1	BEZYS	30 OCT 1998		I	E	
GEOLOGY	upper Red River Formation	2.40	35.20	233.1	BEZYS	30 OCT 1998			E	
GEOLOGY	Fort Garry Member (Herald-Redvers)	2.40	35.20	233.1	BEZYS	30 OCT 1998			E	
GEOLOGY	lower Red River Formation	37.60	6.10	197.9	BEZYS	30 OCT 1998		I		
GEOLOGY	Selkirk Member	37.60	6.10	197.9	BEZYS	30 OCT 1998		I		
GEOLOGY	Final Total Depth	43.70		191.8	BEZYS	30 OCT 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				43.60	14	103	7		09 MAR 1994	GEOLOGY	METRIC



UWI:	100/10-27-013-03E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-70 Mowatt Quarry	Assessment File No:		Core Desc:	Y				
KB Elev:	231.30	Grnd Elev:	231.30	TVD:	61.60	Fm At TD:	Red River Formation		
UTM East:	635685.0	UTM North:	5554825.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	6.10	231.3	BEZYS	18 JAN 1999				
GEOLOGY	Base of Drift	6.10	6.10	225.2	BEZYS	04 NOV 1998				
GEOLOGY	Paleozoic	6.10	55.50	225.2	BEZYS	04 NOV 1998		I	E	
GEOLOGY	Ordovician	6.10	55.50	225.2	BEZYS	04 NOV 1998		I	E	
GEOLOGY	Red River Formation	6.10	55.50	225.2	BEZYS	04 NOV 1998		I	E	
GEOLOGY	upper Red River Formation	6.10	25.60	225.2	BEZYS	04 NOV 1998			E	
GEOLOGY	Fort Garry Member (Herald-Redvers)	6.10	25.60	225.2	BEZYS	04 NOV 1998			E	
GEOLOGY	lower Red River Formation	31.70	29.90	199.6	BEZYS	04 NOV 1998		I		
GEOLOGY	Selkirk Member	31.70	29.90	199.6	BEZYS	04 NOV 1998		I		
GEOLOGY	Final Total Depth	61.60		169.7	BEZYS	04 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				62.50					24 MAR 1993	GEOLOGY	METRIC



UWI:	10C/10-27-013-03E1/00	Licence:		Class:	OUTCROP	Source:	GEOLOGY	Confidential:	N
Well Name:	Quarry Pit #12, Mowatt Farm (Outcrop)				Assessment File No:			Core Desc:	Y
KB Elev:	232.60	Grnd Elev:	232.60	TVD:	4.10	Fm At TD:	Red River Formation		
UTM East:	635675.0	UTM North:	5554825.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	11 DEC 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	232.6	RBDN	18 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	232.6	RBDN	11 DEC 1998				
GEOLOGY	Paleozoic	0.00	4.10	232.6	RBDN	11 DEC 1998		I	E	
GEOLOGY	Ordovician	0.00	4.10	232.6	RBDN	11 DEC 1998		I	E	
GEOLOGY	Red River Formation	0.00	4.10	232.6	RBDN	11 DEC 1998		I	E	
GEOLOGY	upper Red River Formation	0.00	4.10	232.6	RBDN	11 DEC 1998		I	E	
GEOLOGY	Fort Garry Member (Herald-Redvers)	0.00	4.10	232.6	RBDN	11 DEC 1998		I	E	
GEOLOGY	Final Total Depth	4.10	0.00	228.5	RBDN	11 DEC 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/11-14-013-04E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Terra Test #3		Assessment File No: 91209				Core Desc: Y		
KB Elev:	233.00	Grnd Elev:	233.00	TVD:	468.10	Fm At TD:PRECAMBRIAN (Weathered)			
UTM East:	644925.0	UTM North:	5554250.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:		N							
Map Sheet:	62I 02	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	233.0	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	233.0	BEZYS	19 JAN 1999				
GEOLOGY	Paleozoic	0.00	151.80	233.0	BEZYS	09 NOV 1998	I		E	
GEOLOGY	Ordovician	0.00	151.80	233.0	BEZYS	13 JAN 1997	I		E	
GEOLOGY	Red River Formation	0.00	126.80	233.0	BEZYS	13 JAN 1997	I		E	
GEOLOGY	lower Red River Formation	0.00	126.80	233.0	BEZYS	16 MAR 1997	I		E	
GEOLOGY	Winnipeg Formation	126.80	25.00	106.2	BEZYS	13 JAN 1997				
GEOLOGY	PRECAMBRIAN (Weathered)	151.80		81.2	BEZYS	13 JAN 1997		I		
GEOLOGY	Final Total Depth	468.10		-235.1	BEZYS	13 JAN 1997				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/04-16-013-05E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-02-97, Selkirk	Assessment File No:		Core Desc:	Y				
KB Elev:	233.20	Grnd Elev:	233.20	TVD:	30.50	Fm At TD:	Red River Formation		
UTM East:	352860.0	UTM North:	5551275.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 02	Storage Units:	METRIC	Updated:	19 NOV 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	15.00	233.2	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	15.00	15.00	218.2	BEZYS	19 NOV 1998				
GEOLOGY	Paleozoic	15.00	15.50	218.2	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Ordovician	15.00	15.50	218.2	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Red River Formation	15.00	15.50	218.2	BEZYS	19 NOV 1998		I	E	
GEOLOGY	lower Red River Formation	15.00	15.50	218.2	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Selkirk Member	15.00	15.50	218.2	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Final Total Depth	30.50		202.7	BEZYS	19 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/14-22-013-05E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-97, Selkirk	Assessment File No:		Core Desc:	Y				
KB Elev:	228.90	Grnd Elev:	228.90	TVD:	112.80	Fm At TD:	PRECAMBRIAN		
UTM East:	354875.0	UTM North:	5553900.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 02	Storage Units:	METRIC	Updated:	19 NOV 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	228.9	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	228.9	BEZYS	19 NOV 1998				
GEOLOGY	Paleozoic	0.00	98.50	228.9	BEZYS	19 NOV 1998			E	
GEOLOGY	Ordovician	0.00	98.50	228.9	BEZYS	19 NOV 1998			E	
GEOLOGY	Red River Formation	0.00	76.10	228.9	BEZYS	19 NOV 1998			E	
GEOLOGY	lower Red River Formation	0.00	76.10	228.9	BEZYS	19 NOV 1998			E	
GEOLOGY	Selkirk Member	0.00	76.10	228.9	BEZYS	19 NOV 1998			E	
GEOLOGY	Winnipeg Formation	76.10	22.40	152.8	BEZYS	19 NOV 1998			E	
GEOLOGY	PRECAMBRIAN	98.50	14.30	130.4	BEZYS	19 NOV 1998				
GEOLOGY	Final Total Depth	112.80		116.1	BEZYS	19 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/01-26-013-05E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Schaller #1					Assessment File No:	91208	Core Desc:	Y
KB Elev:	232.40	Grnd Elev:	232.40	TVD:	449.60	Fm At TD:	PRECAMBRIAN		
UTM East:	657425.0	UTM North:	5554650.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62I 02	Storage Units:	METRIC	Updated:	13 JAN 1997	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	10.10	232.4	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	10.10	10.10	222.3	BEZYS	19 JAN 1999				
GEOLOGY	Paleozoic	10.10	92.00	222.3	BEZYS	19 JAN 1999			E	
GEOLOGY	Ordovician	10.10	92.00	222.3	BEZYS	19 JAN 1999			E	
GEOLOGY	Red River Formation	10.10	72.50	222.3	BEZYS	19 JAN 1999			E	
GEOLOGY	Winnipeg Formation	82.60	19.50	149.8	BEZYS	19 JAN 1999				
GEOLOGY	PRECAMBRIAN	102.10		130.3	BEZYS	13 JAN 1997				
GEOLOGY	Final Total Depth	449.60		-217.2	BEZYS	13 JAN 1997				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	102/01-26-013-05E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Schaller #1A	Assessment File No:	91208	Core Desc:	Y				
KB Elev:	232.40	Grnd Elev:	232.40	TVD:	40.50	Fm At TD:	Red River Formation		
UTM East:	657425.0	UTM North:	5554575.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 02	Storage Units:	METRIC	Updated:	13 JAN 1997	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	7.90	232.4	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	7.90	7.90	224.5	BEZYS	13 JAN 1997				
GEOLOGY	Paleozoic	7.90	32.60	224.5	BEZYS	19 JAN 1999		I	E	
GEOLOGY	Ordovician	7.90	32.60	224.5	BEZYS	19 JAN 1999		I	E	
GEOLOGY	Red River Formation	7.90	32.60	224.5	BEZYS	19 JAN 1999		I	E	
GEOLOGY	Final Total Depth	40.50		191.9	BEZYS	13 JAN 1997				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/15-03-013-06E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-03-69, Garson Quarry	Assessment File No:		Core Desc:	Y				
KB Elev:	249.10	Grnd Elev:	249.10	TVD:	51.50	Fm At TD:	Red River Formation		
UTM East:	665325.0	UTM North:	5549375.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 02	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	249.1	MCCABE	19 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	249.1	MCCABE	19 JAN 1999				
GEOLOGY	Paleozoic	0.00	51.50	249.1	MCCABE	24 AUG 1994		I	E	
GEOLOGY	Ordovician	0.00	51.50	249.1	MCCABE	24 AUG 1994		I	E	
GEOLOGY	Red River Formation	0.00	51.50	249.1	MCCABE	24 AUG 1994		I	E	
GEOLOGY	lower Red River Formation	0.00	51.50	249.1	MCCABE	24 AUG 1994		I	E	
GEOLOGY	Unit B	0.00	51.50	249.1	MCCABE	24 AUG 1994		I	E	
GEOLOGY	Selkirk Member	0.00	9.80	249.1	MCCABE	24 AUG 1994			E	
GEOLOGY	Cat Head Member	9.80	18.50	239.3	MCCABE	28 OCT 1998				
GEOLOGY	Dog Head Member	28.30	23.20	220.8	MCCABE	28 OCT 1998		I		
GEOLOGY	Final Total Depth	51.50		197.6	MCCABE	10 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				51.50					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/13-06-013-06E1/00	Licence:	8	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Red River Garson	Assessment File No:		Core Desc:	N				
KB Elev:	240.80	Grnd Elev:	236.80	TVD:	189.59	Fm At TD:	PRECAMBRIAN		
UTM East:	659572.0	UTM North:	5549232.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	V								
Map Sheet:	62I 02	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	33.53	240.8	BEZYS	10 FEB 1999				
GEOLOGY	Base of Drift	33.53	33.53	207.3	BEZYS	10 FEB 1999				
GEOLOGY	Paleozoic	33.53	73.15	207.3	BEZYS	10 FEB 1999			E	
GEOLOGY	Ordovician	33.53	73.15	207.3	BEZYS	10 FEB 1999			E	
GEOLOGY	Red River Formation	33.53	45.72	207.3	BEZYS	10 FEB 1999			E	
GEOLOGY	lower Red River Formation	33.53	45.72	207.3	BEZYS	10 FEB 1999			E	
GEOLOGY	Unit B	33.53	45.72	207.3	BEZYS	10 FEB 1999			E	
GEOLOGY	Selkirk Member	33.53	45.72	207.3	BEZYS	10 FEB 1999			E	
GEOLOGY	Winnipeg Formation	79.25	27.43	161.6	BEZYS	10 FEB 1999				
GEOLOGY	upper Winnipeg unit	79.25	15.24	161.6	BEZYS	10 FEB 1999				
GEOLOGY	lower Winnipeg unit	94.49	12.19	146.3	BEZYS	10 FEB 1999				
GEOLOGY	Basal Sand	103.63	3.05	137.2	BEZYS	10 FEB 1999				
GEOLOGY	base of Basal Sand	106.68		134.1	BEZYS	04 AUG 1992				
GEOLOGY	PRECAMBRIAN (Weathered)	106.68		134.1	BEZYS	04 AUG 1992				
GEOLOGY	Final Total Depth	189.59		51.2	BEZYS	04 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/16-14-013-06E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-07-96 Tyndall N	Assessment File No:		Core Desc:	Y				
KB Elev:	244.40	Grnd Elev:	244.40	TVD:	17.50	Fm At TD:	Red River Formation		
UTM East:	667480.0	UTM North:	5552850.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 02	Storage Units:	METRIC	Updated:	16 MAR 1997	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	244.4	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	244.4	BEZYS	16 MAR 1997				
GEOLOGY	Paleozoic	0.00	17.50	244.4	BEZYS	09 NOV 1998		I	E	
GEOLOGY	Ordovician	0.00	17.50	244.4	BEZYS	09 NOV 1998		I	E	
GEOLOGY	Red River Formation	0.00	17.50	244.4	BEZYS	09 NOV 1998		I	E	
GEOLOGY	lower Red River Formation	0.00	17.50	244.4	BEZYS	09 NOV 1998		I	E	
GEOLOGY	Selkirk Member	0.00	12.40	244.4	BEZYS	09 NOV 1998			E	
GEOLOGY	Cat Head Member	12.40	1.70	232.0	BEZYS	09 NOV 1998				
GEOLOGY	Dog Head Member	14.10	3.40	230.3	BEZYS	09 NOV 1998		I		
GEOLOGY	Final Total Depth	17.50		226.9	BEZYS	16 MAR 1997				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/02-22-013-06E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-08-96 Tyndall NW	Assessment File No:		Core Desc:	Y				
KB Elev:	240.10	Grnd Elev:	240.10	TVD:	72.30	Fm At TD:	Winnipeg Formation		
UTM East:	665360.0	UTM North:	5552875.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 02	Storage Units:	METRIC	Updated:	16 MAR 1997	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	3.70	240.1	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	3.70	3.70	236.4	BEZYS	16 MAR 1997				
GEOLOGY	Paleozoic	3.70	68.60	236.4	BEZYS	09 NOV 1998		I	E	
GEOLOGY	Ordovician	3.70	68.60	236.4	BEZYS	09 NOV 1998		I	E	
GEOLOGY	Red River Formation	3.70	67.00	236.4	BEZYS	09 NOV 1998			E	
GEOLOGY	lower Red River Formation	3.70	67.00	236.4	BEZYS	09 NOV 1998			E	
GEOLOGY	Selkirk Member	3.70	6.40	236.4	BEZYS	09 NOV 1998			E	
GEOLOGY	Cat Head Member	10.10	10.00	230.0	BEZYS	09 NOV 1998				
GEOLOGY	Dog Head Member	20.10	43.00	220.0	BEZYS	19 NOV 1998				
GEOLOGY	Hecla Beds (Unit A)	63.10	17.60	177.0	BEZYS	09 NOV 1998				
GEOLOGY	Winnipeg Formation	70.70	1.60	169.4	BEZYS	09 NOV 1998		I		
GEOLOGY	Final Total Depth	72.30		167.8	BEZYS	16 MAR 1997				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/16-32-013-15E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-03-97 Selkirk	Assessment File No:		Core Desc:	Y				
KB Elev:	230.10	Grnd Elev:	230.10	TVD:	115.10	Fm At TD:	PRECAMBRIAN		
UTM East:	357425.0	UTM North:	5557225.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 02	Storage Units:	METRIC	Updated:	05 NOV 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	230.1	BEZYS	03 FEB 1999				
GEOLOGY	Base of Drift	0.00	0.00	230.1	BEZYS	05 NOV 1998				
GEOLOGY	Paleozoic	0.00	105.90	230.1	BEZYS	05 NOV 1998			E	
GEOLOGY	Ordovician	0.00	105.90	230.1	BEZYS	05 NOV 1998			E	
GEOLOGY	Red River Formation	0.00	73.40	230.1	BEZYS	05 NOV 1998			E	
GEOLOGY	lower Red River Formation	0.00	73.40	230.1	BEZYS	05 NOV 1998			E	
GEOLOGY	Selkirk Member	0.00	73.40	230.1	BEZYS	05 NOV 1998			E	
GEOLOGY	Winnipeg Formation	73.40	32.50	156.7	BEZYS	05 NOV 1998				
GEOLOGY	PRECAMBRIAN	105.90		124.2	BEZYS	05 NOV 1998				
GEOLOGY	Final Total Depth	115.10		115.0	BEZYS	05 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/04-23-014-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-06-96 Lait NW (Stonewall NW)				Assessment File No:			Core Desc:	Y
KB Elev:	250.50	Grnd Elev:	250.50	TVD:	19.60	Fm At TD:	Stony Mountain Formation		
UTM East:	616625.0	UTM North:	5561625.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	16 MAR 1997	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	6.50	250.5	BEZYS	12 JAN 1999				
GEOLOGY	Base of Drift	6.50	6.50	244.0	BEZYS	16 MAR 1997				
GEOLOGY	Paleozoic	6.50	13.10	244.0	BEZYS	09 NOV 1998		I	E	
GEOLOGY	Stony Mountain Formation	6.50	13.10	244.0	BEZYS	09 NOV 1998		I	E	
GEOLOGY	upper Stony Mountain Formation	6.50	11.20	244.0	BEZYS	09 NOV 1998			E	
GEOLOGY	Gunton Member	6.50	11.20	244.0	BEZYS	09 NOV 1998			E	
GEOLOGY	lower Stony Mountain Formation	17.70	1.90	232.8	BEZYS	19 NOV 1998		I		
GEOLOGY	Penitentiary Member	17.70	1.90	232.8	BEZYS	19 NOV 1998		I		
GEOLOGY	Final Total Depth	19.60		230.9	BEZYS	16 MAR 1997				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/01-17-014-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-80 Stonewall N	Assessment File No:		Core Desc:	Y				
KB Elev:	246.90	Grnd Elev:	246.90	TVD:	81.50	Fm At TD:	Red River Formation		
UTM East:	622985.0	UTM North:	5560225.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:									N
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	246.9	BEZYS	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	246.9	BEZYS	23 APR 1996				
GEOLOGY	Paleozoic	0.00	81.50	246.9	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Ordovician	0.00	81.50	246.9	BEZYS	14 JAN 1999		I	E	
GEOLOGY	Stony Mountain Formation	0.00	28.60	246.9	BEZYS	14 JAN 1999			E	
GEOLOGY	upper Stony Mountain Formation	0.00	3.40	246.9	BEZYS	14 JAN 1999			E	
GEOLOGY	Gunton Member	0.00	3.40	246.9	BEZYS	14 JAN 1999			E	
GEOLOGY	lower Stony Mountain Formation	3.40	25.20	243.5	BEZYS	14 JAN 1999				
GEOLOGY	Penitentiary Member	3.40	6.80	243.5	BEZYS	14 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	10.20	18.40	236.7	BEZYS	14 JAN 1999				
GEOLOGY	Red River Formation	28.60	52.90	218.3	BEZYS	14 JAN 1999		I		
GEOLOGY	upper Red River Formation	28.60	34.10	218.3	BEZYS	14 JAN 1999				
GEOLOGY	Fort Garry Member (Herald-Redvers)	28.60	34.10	218.3	BEZYS	14 JAN 1999				
GEOLOGY	lower Red River Formation	62.70	18.80	184.2	BEZYS	14 JAN 1999		I		
GEOLOGY	Selkirk Member	62.70	18.80	184.2	BEZYS	14 JAN 1999		I		
GEOLOGY	Final Total Depth	81.50		165.4	BEZYS	01 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				81.50	13	101	4		08 MAR 1994	GEOLOGY	METRIC
				81.50	14	101	5		08 MAR 1994	GEOLOGY	METRIC



UWI:	100/04-20-014-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-05-96 Jennifer Creek (Stonewall)	Assessment File No:		Core Desc:	Y				
KB Elev:	246.00	Grnd Elev:	246.00	TVD:	8.10	Fm At TD:	Stony Mountain Formation		
UTM East:	621450.0	UTM North:	5561725.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	4.50	246.0	BEZYS	14 JAN 1999				
GEOLOGY	Base of Drift	4.50	4.50	241.5	BEZYS	16 MAR 1997				
GEOLOGY	Paleozoic	4.50	3.60	241.5	BEZYS	09 NOV 1998		I	E	
GEOLOGY	Ordovician	4.50	3.60	241.5	BEZYS	09 NOV 1998		I	E	
GEOLOGY	Stony Mountain Formation	4.50	3.60	241.5	BEZYS	09 NOV 1998		I	E	
GEOLOGY	upper Stony Mountain Formation	4.50	1.40	241.5	BEZYS	09 NOV 1998			E	
GEOLOGY	Gunton Member	4.50	1.40	241.5	BEZYS	09 NOV 1998		I	E	
GEOLOGY	lower Stony Mountain Formation	5.90	2.20	240.1	BEZYS	09 NOV 1998		I		
GEOLOGY	Penitentiary Member	5.90	2.20	240.1	BEZYS	09 NOV 1998		I		
GEOLOGY	Final Total Depth	8.10		237.9	BEZYS	16 MAR 1997				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/04-29-014-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-04-96 Jackfish Creek (Stonewall)	Assessment File No:		Core Desc:	Y				
KB Elev:	245.40	Grnd Elev:	245.40	TVD:	14.10	Fm At TD:	Stony Mountain Formation		
UTM East:	621475.0	UTM North:	5563350.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	16 MAR 1997	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	10.00	245.4	BEZYS	18 JAN 1999				
GEOLOGY	Base of Drift	10.00	10.00	235.4	BEZYS	16 MAR 1997				
GEOLOGY	Paleozoic	10.00	4.10	235.4	BEZYS	09 NOV 1998		I	E	
GEOLOGY	Ordovician	10.00	4.10	235.4	BEZYS	09 NOV 1998		I	E	
GEOLOGY	Stony Mountain Formation	10.00	4.10	235.4	BEZYS	09 NOV 1998		I	E	
GEOLOGY	lower Stony Mountain Formation	10.00	4.10	235.4	BEZYS	09 NOV 1998		I		
GEOLOGY	Penitentiary Member	10.00	4.10	235.4	BEZYS	09 NOV 1998		I		
GEOLOGY	Final Total Depth	14.10		231.3	BEZYS	16 MAR 1997				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/04-05-014-03E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	B-1C-76 Stony Mountain N	Assessment File No:		Core Desc:	Y				
KB Elev:	234.70	Grnd Elev:	234.70	TVD:	14.30	Fm At TD:	Red River Formation		
UTM East:	631600.0	UTM North:	5557150.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
								Deviation:	N
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	3.00	234.7	BEZYS	18 JAN 1999				
GEOLOGY	Base of Drift	3.00	3.00	231.7	BEZYS	23 APR 1996				
GEOLOGY	Paleozoic	3.00	11.30	231.7	BEZYS	18 JAN 1999		I	E	
GEOLOGY	Ordovician	3.00	11.30	231.7	BEZYS	18 JAN 1999		I	E	
GEOLOGY	Red River Formation	3.00	11.30	231.7	BEZYS	18 JAN 1999		I	E	
GEOLOGY	upper Red River Formation	3.00	11.30	231.7	BEZYS	18 JAN 1999		I	E	
GEOLOGY	Fort Garry Member (Herald-Redvers)	3.00	11.30	231.7	BEZYS	18 JAN 1999		I	E	
GEOLOGY	Final Total Depth	14.30		220.4	BEZYS	01 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				14.30					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/16-01-014-07E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-04-83, Green Oak	Assessment File No:		Core Desc:	Y				
KB Elev:	235.00	Grnd Elev:	235.00	TVD:	19.80	Fm At TD:	Red River Formation		
UTM East:	678625.0	UTM North:	5559650.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 02	Storage Units:	METRIC	Updated:	11 JUN 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	13.80	235.0	MCCABE	19 JAN 1999				
GEOLOGY	Base of Drift	13.80	13.80	221.2	MCCABE	19 JAN 1999				
GEOLOGY	Paleozoic	13.80	6.00	221.2	MCCABE	19 JAN 1999		I	E	
GEOLOGY	Ordovician	13.80	6.00	221.2	MCCABE	19 JAN 1999		I	E	
GEOLOGY	Red River Formation	13.80	6.00	221.2	MCCABE	19 JAN 1999		I	E	
GEOLOGY	Final Total Depth	19.80		215.2	MCCABE	11 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				19.80					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/13-04-014-08E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-03-83, Green Oak	Assessment File No:		Core Desc:	Y				
KB Elev:	231.60	Grnd Elev:	231.60	TVD:	36.31	Fm At TD:	PRECAMBRIAN		
UTM East:	682200.0	UTM North:	5559650.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 01	Storage Units:	METRIC	Updated:	28 APR 1995	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	35.30	231.6	MCGREGOR	19 JAN 1999				
GEOLOGY	Base of Drift	35.30	35.30	196.3	MCGREGOR	02 MAY 1996				
GEOLOGY	PRECAMBRIAN (Weathered)	35.30	0.30	196.3	BEZYS	19 JAN 1999			E	
GEOLOGY	PRECAMBRIAN	35.60		196.0	MCGREGOR	19 APR 1996			I	
GEOLOGY	Final Total Depth	36.30		195.3	MCGREGOR	19 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				36.30					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/13-05-014-08E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-02-83, Green Oak	Assessment File No:		Core Desc:	Y				
KB Elev:	233.00	Grnd Elev:	233.00	TVD:	38.85	Fm At TD:	PRECAMBRIAN		
UTM East:	680525.0	UTM North:	5559675.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 01	Storage Units:	METRIC	Updated:	01 MAY 1995	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	29.70	233.0	MCCABE	19 JAN 1999				
GEOLOGY	Base of Drift	29.70	29.70	203.3	MCCABE	01 MAY 1995				
GEOLOGY	Paleozoic	29.70	7.10	203.3	MCCABE	19 JAN 1999			E	
GEOLOGY	Ordovician	29.70	7.10	203.3	MCCABE	19 JAN 1999			E	
GEOLOGY	Winnipeg Formation	29.70	7.10	203.3	MCCABE	19 JAN 1999			E	
GEOLOGY	PRECAMBRIAN (Weathered)	36.80	0.90	196.2	MCCABE	19 JAN 1999				
GEOLOGY	PRECAMBRIAN	37.70		195.3	MCCABE	19 APR 1996		I		
GEOLOGY	Final Total Depth	38.85		194.2	MCCABE	01 MAY 1995				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				38.90					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/02-28-015-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-18-90, South of Teulon	Assessment File No:		Core Desc:	Y				
KB Elev:	261.60	Grnd Elev:	261.60	TVD:	31.30	Fm At TD:	Stony Mountain Formation		
UTM East:	623750.0	UTM North:	5573600.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 06	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	261.6	BEZYS	18 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	261.6	BEZYS	20 NOV 1998				
GEOLOGY	Paleozoic	0.00	31.30	261.6	BEZYS	20 NOV 1998		I	E	
GEOLOGY	Ordovician	0.00	31.30	261.6	BEZYS	20 NOV 1998		I	E	
GEOLOGY	Stony Mountain Formation	0.00	31.30	261.6	BEZYS	20 NOV 1998		I	E	
GEOLOGY	upper Stony Mountain Formation	0.00	6.60	261.6	BEZYS	20 NOV 1998			E	
GEOLOGY	Gunton Member	0.00	6.60	261.6	BEZYS	20 NOV 1998			E	
GEOLOGY	lower Stony Mountain Formation	6.60	24.70	255.0	BEZYS	20 NOV 1998		I		
GEOLOGY	Penitentiary Member	6.60	24.70	255.0	BEZYS	20 NOV 1998		I		
GEOLOGY	Final Total Depth	31.30		230.3	BEZYS	20 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				31.30					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/16-36-015-03E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	69-04, Petersfield	Assessment File No:		Core Desc:	N				
KB Elev:	229.20	Grnd Elev:	229.20	TVD:	121.00	Fm At TD:	Winnipeg Formation		
UTM East:	638800.0	UTM North:	5576400.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 06	Storage Units:	METRIC	Updated:	10 JUN 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	7.60	229.2	MCCABE	18 JAN 1999				
GEOLOGY	Base of Drift	7.60	7.60	221.6	MCCABE	11 DEC 1998				
GEOLOGY	Paleozoic	7.60	113.40	221.6	MCCABE	23 AUG 1994		I	E	
GEOLOGY	Ordovician	7.60	113.40	221.6	MCCABE	18 JUL 1994		I	E	
GEOLOGY	Red River Formation	7.60	93.30	221.6	MCCABE	26 OCT 1998			E	
GEOLOGY	lower Red River Formation	7.60	93.30	221.6	MCCABE	26 OCT 1998			E	
GEOLOGY	Unit B	7.60	93.30	221.6	MCCABE	26 OCT 1998			E	
GEOLOGY	Selkirk Member	7.60	38.40	221.6	MCCABE	26 OCT 1998			E	
GEOLOGY	Cat Head Member	46.00	18.30	183.2	MCCABE	26 OCT 1998				
GEOLOGY	Dog Head Member	64.30	36.60	164.9	MCCABE	26 OCT 1998				
GEOLOGY	Winnipeg Formation	100.90	20.10	128.3	MCCABE	26 OCT 1998		I		
GEOLOGY	Final Total Depth	121.00		108.2	MCCABE	10 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				75.90					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/14-35-016-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-11-79 Teulon	Assessment File No:		Core Desc:	N				
KB Elev:	271.30	Grnd Elev:	271.30	TVD:	112.00	Fm At TD:	Red River Formation		
UTM East:	616575.0	UTM North:	5585850.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:									
Map Sheet:	62I 06	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	4.50	271.3	BEZYS	12 JAN 1999				
GEOLOGY	Base of Drift	4.50	4.50	266.8	BEZYS	12 JAN 1999				
GEOLOGY	Paleozoic	4.50	107.50	266.8	BEZYS	23 APR 1996		I	E	
GEOLOGY	Silurian	4.50	19.10	266.8	BEZYS	23 APR 1996			E	
GEOLOGY	Interlake Group	4.50	7.50	266.8	BEZYS	23 APR 1996			E	
GEOLOGY	Fisher Branch Formation	4.50	7.50	266.8	BEZYS	02 MAY 1996			E	
GEOLOGY	Stonewall Formation	12.00	17.10	259.3	BEZYS	23 APR 1996				
GEOLOGY	Stonewall (Upper)	12.00	6.00	259.3	BEZYS	23 APR 1996				
GEOLOGY	T-Marker	16.00	2.00	255.3	BEZYS	14 JAN 1999				
GEOLOGY	Ordovician	18.00	94.00	253.3	BEZYS	23 APR 1996		I		
GEOLOGY	Stonewall (Lower)	18.00	11.10	253.3	BEZYS	23 APR 1996				
GEOLOGY	Williams Member	23.60	5.50	247.7	BEZYS	23 APR 1996				
GEOLOGY	Stony Mountain Formation	29.10	33.80	242.2	BEZYS	23 APR 1996				
GEOLOGY	upper Stony Mountain Formation	29.10	10.60	242.2	BEZYS	23 APR 1996				
GEOLOGY	Gunton Member	29.10	10.60	242.2	BEZYS	23 APR 1996				
GEOLOGY	lower Stony Mountain Formation	39.70	23.20	231.6	BEZYS	23 APR 1996				
GEOLOGY	Penitentiary Member	39.70	11.00	231.6	BEZYS	23 APR 1996				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	50.70	12.20	220.6	BEZYS	23 APR 1996				
GEOLOGY	Red River Formation	62.90	49.10	208.4	BEZYS	23 APR 1996		I		
GEOLOGY	upper Red River Formation	62.90	34.30	208.4	BEZYS	23 APR 1996				
GEOLOGY	Fort Garry Member (Herald-Redvers)	62.90	34.30	208.4	BEZYS	23 APR 1996				
GEOLOGY	lower Red River Formation	97.20	14.80	174.1	BEZYS	23 APR 1996		I		
GEOLOGY	Selkirk Member	97.20	14.80	174.1	BEZYS	23 APR 1996		I		
GEOLOGY	Final Total Depth	112.00		159.3	BEZYS	03 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				112.00					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/03-25-016-03E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-03-79 Netley	Assessment File No:		Core Desc:	N				
KB Elev:	233.20	Grnd Elev:	233.20	TVD:	60.15	Fm At TD:	Red River Formation		
UTM East:	638000.0	UTM North:	5583600.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 06	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	3.00	233.2	BEZYS	18 JAN 1999				
GEOLOGY	Base of Drift	3.00	3.00	230.2	BEZYS	23 APR 1996				
GEOLOGY	Paleozoic	3.00	57.20	230.2	BEZYS	18 JAN 1999		I	E	
GEOLOGY	Ordovician	3.00	57.20	230.2	BEZYS	18 JAN 1999		I	E	
GEOLOGY	Red River Formation	3.00	57.20	230.2	BEZYS	18 JAN 1999		I	E	
GEOLOGY	upper Red River Formation	3.00	2.20	230.2	BEZYS	18 JAN 1999			E	
GEOLOGY	Fort Garry Member (Herald-Redvers)	3.00	2.20	230.2	BEZYS	18 JAN 1999			E	
GEOLOGY	lower Red River Formation	5.20	55.00	228.0	BEZYS	18 JAN 1999		I		
GEOLOGY	Selkirk Member	5.20	47.60	228.0	BEZYS	18 JAN 1999				
GEOLOGY	Cat Head Member	52.80	7.40	180.4	BEZYS	18 JAN 1999		I		
GEOLOGY	Final Total Depth	60.20		173.0	BEZYS	01 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				60.20					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/04-28-017-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	69-03, Norris Lake	Assessment File No:		Core Desc:	Y				
KB Elev:	266.70	Grnd Elev:	266.70	TVD:	153.30	Fm At TD:	Red River Formation		
UTM East:	612685.0	UTM North:	5592790.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 06	Storage Units:	METRIC	Updated:	01 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	14.90	266.7	BEZYS	12 JAN 1999				
GEOLOGY	Base of Drift	14.90	14.90	251.8	BEZYS	23 APR 1996				
GEOLOGY	Paleozoic	14.90	138.40	251.8	BEZYS	23 APR 1996		I	E	
GEOLOGY	Ordovician	14.90	138.40	251.8	BEZYS	23 APR 1996		I	E	
GEOLOGY	Stonewall (Lower)	14.90	8.00	251.8	BEZYS	23 APR 1996			E	
GEOLOGY	Williams Member	18.90	4.00	247.8	BEZYS	26 OCT 1998			E	
GEOLOGY	Stony Mountain Formation	22.90	38.10	243.8	BEZYS	23 APR 1996				
GEOLOGY	upper Stony Mountain Formation	22.90	10.60	243.8	BEZYS	23 APR 1996				
GEOLOGY	Gunton Member	22.90	10.60	243.8	BEZYS	23 APR 1996				
GEOLOGY	lower Stony Mountain Formation	33.50	27.50	233.2	BEZYS	23 APR 1996				
GEOLOGY	Penitentiary Member	33.50	27.50	233.2	BEZYS	23 APR 1996				
GEOLOGY	Red River Formation	61.00	92.30	205.7	BEZYS	23 APR 1996		I		
GEOLOGY	upper Red River Formation	61.00	33.50	205.7	BEZYS	23 APR 1996				
GEOLOGY	Fort Garry Member (Herald-Redvers)	61.00	33.50	205.7	BEZYS	23 APR 1996				
GEOLOGY	lower Red River Formation	94.50	58.80	172.2	BEZYS	23 APR 1996		I		
GEOLOGY	Selkirk Member	94.50	49.70	172.2	BEZYS	23 APR 1996				
GEOLOGY	Cat Head Member	144.20	9.10	122.5	BEZYS	23 APR 1996		I		
GEOLOGY	Final Total Depth	153.30		113.4	BEZYS	01 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				152.40					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/08-29-017-02E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-19-90, East of Inwood	Assessment File No:		Core Desc:	Y				
KB Elev:	262.70	Grnd Elev:	262.70	TVD:	29.70	Fm At TD:	Stony Mountain Formation		
UTM East:	622050.0	UTM North:	5593525.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 06	Storage Units:	METRIC	Updated:	22 DEC 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	262.7	RBDN	18 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	262.7	RBDN	22 DEC 1998				
GEOLOGY	Paleozoic	0.00	27.90	262.7	RBDN	22 DEC 1998		I	E	
GEOLOGY	Ordovician	0.00	29.70	262.7	RBDN	22 DEC 1998		I	E	
GEOLOGY	Stony Mountain Formation	0.00	29.70	262.7	RBDN	22 DEC 1998		I	E	
GEOLOGY	upper Stony Mountain Formation	0.00	10.00	262.7	RBDN	22 DEC 1998			E	
GEOLOGY	Gunton Member	0.00	10.00	262.7	RBDN	22 DEC 1998			E	
GEOLOGY	lower Stony Mountain Formation	10.00	19.70	252.7	RBDN	22 DEC 1998		I		
GEOLOGY	Penitentiary Member	10.00	19.70	252.7	RBDN	22 DEC 1998		I		
GEOLOGY	Final Total Depth	29.70		233.0	RBDN	22 DEC 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				29.70					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/14-06-018-04E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-07-80, Winnipeg Beach Quarry	Assessment File No:		Core Desc:	N				
KB Elev:	228.60	Grnd Elev:	228.60	TVD:	93.60	Fm At TD:	Winnipeg Formation		
UTM East:	639168.0	UTM North:	5597872.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 11	Storage Units:	METRIC	Updated:	10 JUN 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	228.6	MCCABE	19 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	228.6	MCCABE	19 JAN 1999				
GEOLOGY	Paleozoic	0.00	93.60	228.6	MCCABE	19 JAN 1999		I	E	
GEOLOGY	Ordovician	0.00	93.60	228.6	MCCABE	19 JAN 1999		I	E	
GEOLOGY	Red River Formation	0.00	89.10	228.6	MCCABE	19 JAN 1999			E	
GEOLOGY	lower Red River Formation	0.00	89.10	228.6	MCCABE	19 JAN 1999			E	
GEOLOGY	Unit B	0.00	89.10	228.6	MCCABE	19 JAN 1999			E	
GEOLOGY	Selkirk Member	0.00	36.00	228.6	MCCABE	19 JAN 1999			E	
GEOLOGY	Cat Head Member	36.00	16.30	192.6	MCCABE	19 JAN 1999				
GEOLOGY	Dog Head Member	52.30	36.80	176.3	MCCABE	19 JAN 1999				
GEOLOGY	Winnipeg Formation	89.10	4.50	139.5	MCCABE	19 JAN 1999		I		
GEOLOGY	Final Total Depth	93.60		135.0	MCCABE	10 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				93.60					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/15-06-022-01E1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-38-92, ARBORG WEST (I.M)				Assessment File No:	Core Desc: N			
KB Elev:	262.10	Grnd Elev:	262.10	TVD:	99.70	Fm At TD:	Red River Formation		
UTM East:	609380.0	UTM North:	5636870.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 14	Storage Units:	METRIC	Updated:	02 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	262.1	RBJB	12 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	262.1	RBJB	12 JAN 1999				
GEOLOGY	Paleozoic	0.00	99.70	262.1	RBJB	12 JAN 1999		I	E	
GEOLOGY	Stonewall Formation	0.00	9.50	262.1	RBJB	12 JAN 1999			E	
GEOLOGY	Ordovician	0.00	99.70	262.1	RBJB	12 JAN 1999		I	E	
GEOLOGY	Stonewall (Lower)	0.00	9.50	262.1	RBJB	12 JAN 1999			E	
GEOLOGY	Williams Member	0.00	9.50	262.1	RBJB	12 JAN 1999			E	
GEOLOGY	Stony Mountain Formation	9.50	32.10	252.6	RBJB	12 JAN 1999				
GEOLOGY	Gunton Member	9.50	10.40	252.6	RBJB	12 JAN 1999				
GEOLOGY	Penitentiary Member	19.90	21.70	242.2	RBJB	12 JAN 1999				
GEOLOGY	Red River Formation	41.60	58.10	220.5	RBJB	12 JAN 1999		I		
GEOLOGY	upper Red River Formation	41.60	33.50	220.5	RBJB	12 JAN 1999				
GEOLOGY	Fort Garry Member (Herald-Redvers)	41.60	33.50	220.5	RBJB	12 JAN 1999				
GEOLOGY	lower Red River Formation	75.10	24.60	187.0	RBJB	12 JAN 1999		I		
GEOLOGY	Final Total Depth	99.70		162.4	RBJB	02 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				99.70					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/01-28-001-02W1/00	Licence:	1336	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Cego Gretna	Assessment File No:		Core Desc:	N				
KB Elev:	252.98	Grnd Elev:	249.30	TVD:	367.59	Fm At TD:	PRECAMBRIAN (Weathered)		
UTM East:	597580.0	UTM North:	5434952.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	V								
Map Sheet:	62H 04	Storage Units:	METRIC	Updated:	12 JUL 1999	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	54.86	253.0	BEZYS	10 FEB 1999				
GEOLOGY	Base of Drift	54.86	54.86	198.1	BEZYS	10 FEB 1999				
GEOLOGY	Mesozoic	54.86	33.53	198.1	BEZYS	10 FEB 1999			E	
GEOLOGY	Jurassic	57.91	30.48	195.1	BEZYS	10 FEB 1999			E	
GEOLOGY	Amaranth Formation	57.91	30.48	195.1	BEZYS	10 FEB 1999			E	
GEOLOGY	Paleozoic	88.39	271.27	164.6	BEZYS	10 FEB 1999				
GEOLOGY	Silurian	88.39	13.72	164.6	BEZYS	10 FEB 1999				
GEOLOGY	Interlake Group	88.39	13.72	164.6	BEZYS	10 FEB 1999				
GEOLOGY	Ordovician	102.11	257.55	150.9	BEZYS	10 FEB 1999				
GEOLOGY	Stony Mountain Formation	102.11	46.63	150.9	BEZYS	10 FEB 1999				
GEOLOGY	upper Stony Mountain Formation	102.11	18.59	150.9	BEZYS	10 FEB 1999				
GEOLOGY	Gunton Member	102.11	18.59	150.9	BEZYS	10 FEB 1999				
GEOLOGY	lower Stony Mountain Formation	120.70	28.04	132.3	BEZYS	10 FEB 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	120.70	28.04	132.3	BEZYS	10 FEB 1999				
GEOLOGY	Red River Formation	148.74	169.47	104.2	BEZYS	10 FEB 1999				
GEOLOGY	upper Red River Formation	148.74	18.90	104.2	BEZYS	10 FEB 1999				
GEOLOGY	Fort Garry Member (Herald-Redvers)	148.74	18.90	104.2	BEZYS	10 FEB 1999				
GEOLOGY	lower Red River Formation	167.64	150.57	85.3	BEZYS	10 FEB 1999				
GEOLOGY	Winnipeg Formation	318.21	41.45	-65.2	BEZYS	10 FEB 1999				
GEOLOGY	PRECAMBRIAN	359.66		-106.7	BEZYS	05 AUG 1992				
GEOLOGY	Final Total Depth	367.60		-114.6	BEZYS	05 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/14-17-003-01W1/00	Licence:	2512	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	ASM-BTO Et Al Plum Prov.				Assessment File No:	Core Desc: N			
KB Elev:	245.97	Grnd Elev:	242.30	TVD:	318.52	Fm At TD:PRECAMBRIAN (Weathered)			
UTM East:	604595.0	UTM North:	5452631.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 04	Storage Units:	METRIC	Updated:	06 AUG 1992	Country:	CANADA	Prov:	MANITOBA
Deviation: V									

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
DIGITECH	JURASSIC	62.50		183.5	UNKNOWN					
DIGITECH	RED BDS WATROUS	122.50		123.5	UNKNOWN					
GEOLOGY	Ordovician	149.35	168.86	96.6	BEZYS	10 FEB 1999				
GEOLOGY	Red River Formation	149.35	116.44	96.6	BEZYS	10 FEB 1999				
GEOLOGY	Winnipeg Formation	265.79	52.42	-19.8	BEZYS	10 FEB 1999				
GEOLOGY	upper Winnipeg unit	265.79	52.42	-19.8	BEZYS	10 FEB 1999				
GEOLOGY	Carman Sand	268.83	20.73	-22.9	BEZYS	10 FEB 1999				
GEOLOGY	Base of Carman Sand	289.56		-43.6	BEZYS	06 AUG 1992				
GEOLOGY	PRECAMBRIAN (Weathered)	318.21		-72.2	BEZYS	06 AUG 1992				
GEOLOGY	Final Total Depth	318.52		-72.6	BEZYS	06 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/01-28-004-04W1/00	Licence:	59	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Green Wakeley Roland				Assessment File No:	Core Desc: N			
KB Elev:	265.20	Grnd Elev:	262.13	TVD:	444.09	Fm At TD: PRECAMBRIAN (Weathered)			
UTM East:	577255.7	UTM North:	5464370.7	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	V								
Map Sheet:	62H 05	Storage Units:	METRIC	Updated:	27 JAN 1994	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	79.25	265.2	RBHRM	11 FEB 1999				
GEOLOGY	Base of Drift	79.25		186.0	RBHRM	27 JAN 1994				
GEOLOGY	Mesozoic	79.25	89.91	186.0	RBHRM	11 FEB 1999			E	
GEOLOGY	Jurassic	79.25	89.91	186.0	RBHRM	11 FEB 1999			E	
GEOLOGY	Amaranth Formation	143.87	25.29	121.3	RBHRM	11 FEB 1999				
GEOLOGY	Lower Amaranth (Red Beds) Member	143.87	25.29	121.3	RBHRM	11 FEB 1999				
GEOLOGY	Paleozoic	169.16	271.28	96.0	RBHRM	11 FEB 1999				
GEOLOGY	Silurian	169.16	7.93	96.0	RBHRM	11 FEB 1999				
GEOLOGY	Interlake Group	169.16	1.53	96.0	RBHRM	11 FEB 1999				
GEOLOGY	Stonewall Formation	170.69	21.33	94.5	RBHRM	11 FEB 1999				
GEOLOGY	T-Marker	176.78	0.31	88.4	RBHRM	11 FEB 1999				
GEOLOGY	Ordovician	177.09	263.35	88.1	RBHRM	11 FEB 1999				
GEOLOGY	Stonewall (Lower)	177.09	14.93	88.1	RBHRM	11 FEB 1999				
GEOLOGY	Williams Member	185.93	6.09	79.3	RBHRM	11 FEB 1999				
GEOLOGY	Stony Mountain Formation	192.02	38.10	73.2	RBHRM	11 FEB 1999				
GEOLOGY	upper Stony Mountain Formation	192.02	8.54	73.2	RBHRM	11 FEB 1999				
GEOLOGY	Gunton Member	192.02	8.54	73.2	RBHRM	11 FEB 1999				
GEOLOGY	lower Stony Mountain Formation	200.56	29.56	64.6	RBHRM	11 FEB 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	200.56	29.56	64.6	RBHRM	11 FEB 1999				
GEOLOGY	Red River Formation	230.12	150.88	35.1	RBHRM	11 FEB 1999				
GEOLOGY	lower Red River Formation	260.60	120.40	4.6	RBHRM	11 FEB 1999				
GEOLOGY	Winnipeg Formation	381.00	59.44	-115.8	RBHRM	11 FEB 1999				
GEOLOGY	upper Winnipeg unit	381.00	33.53	-115.8	RBHRM	11 FEB 1999				
GEOLOGY	Carman Sand	390.14	24.39	-124.9	RBHRM	11 FEB 1999				
GEOLOGY	Base of Carman Sand	414.53		-149.3	RBHRM	25 OCT 1994				
GEOLOGY	lower Winnipeg unit	414.53	25.91	-149.3	RBHRM	11 FEB 1999				
GEOLOGY	Basal Sand	435.86	4.58	-170.7	RBHRM	11 FEB 1999				
GEOLOGY	base of Basal Sand	440.44		-175.2	RBHRM	25 OCT 1994				
GEOLOGY	PRECAMBRIAN (Weathered)	440.44		-175.2	RBHRM	27 JAN 1994				
GEOLOGY	Final Total Depth	444.09		-178.9	RBHRM	27 JAN 1994				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/02-01-005-01W1/00	Licence:	10	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Red River Lowe Farm	Assessment File No:		Core Desc:	N				
KB Elev:	238.32	Grnd Elev:	238.32	TVD:	290.78	Fm At TD:	PRECAMBRIAN (Weathered)		
UTM East:	610929.0	UTM North:	5467981.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	V								
Map Sheet:	62H 06	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	39.62	238.3	RBHRM	11 FEB 1999				
GEOLOGY	Base of Drift	39.62		198.7	RBHRM	27 JAN 1994				
GEOLOGY	Paleozoic	39.62	250.25	198.7	RBHRM	11 FEB 1999			E	
GEOLOGY	Ordovician	39.62	250.25	198.7	RBHRM	11 FEB 1999			E	
GEOLOGY	Stony Mountain Formation	39.62	39.63	198.7	RBHRM	11 FEB 1999			E	
GEOLOGY	upper Stony Mountain Formation	39.62	12.20	198.7	RBHRM	11 FEB 1999			E	
GEOLOGY	Gunton Member	39.62	12.20	198.7	RBHRM	11 FEB 1999			E	
GEOLOGY	lower Stony Mountain Formation	51.82	27.43	186.5	RBHRM	11 FEB 1999				
GEOLOGY	Penitentiary Member	51.82	15.24	186.5	RBHRM	11 FEB 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	67.06	12.19	171.3	RBHRM	11 FEB 1999				
GEOLOGY	Red River Formation	79.25	155.45	159.1	RBHRM	11 FEB 1999				
GEOLOGY	upper Red River Formation	79.25	27.43	159.1	RBHRM	11 FEB 1999				
GEOLOGY	lower Red River Formation	106.68	128.02	131.6	RBHRM	11 FEB 1999				
GEOLOGY	Winnipeg Formation	234.70	55.17	3.6	RBHRM	11 FEB 1999				
GEOLOGY	upper Winnipeg unit	234.70	6.09	3.6	RBHRM	11 FEB 1999				
GEOLOGY	lower Winnipeg unit	240.79	49.08	-2.5	RBHRM	11 FEB 1999				
GEOLOGY	PRECAMBRIAN (Weathered)	289.87		-51.6	RBHRM	27 JAN 1994				
GEOLOGY	Final Total Depth	290.78		-52.5	RBHRM	27 JAN 1994				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/03-01-005-02W1/00	Licence:	58	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Red River Lowe Farm	Assessment File No:		Core Desc:	N				
KB Elev:	242.90	Grnd Elev:	241.10	TVD:	348.08	Fm At TD:	PRECAMBRIAN (Weathered)		
UTM East:	601049.0	UTM North:	5467808.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	V								
Map Sheet:	62H 05	Storage Units:	METRIC	Updated:	27 JAN 1994	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	58.52	242.9	RBHRM	11 FEB 1999				
GEOLOGY	Base of Drift	58.52	58.52	184.4	RBHRM	11 FEB 1999				
GEOLOGY	Paleozoic	58.52	259.08	184.4	RBHRM	11 FEB 1999			E	
GEOLOGY	Silurian	58.52	35.68	184.4	RBHRM	11 FEB 1999			E	
GEOLOGY	Stonewall Formation	76.20	18.00	166.7	RBHRM	11 FEB 1999				
GEOLOGY	Ordovician	94.20	223.40	148.7	RBHRM	11 FEB 1999				
GEOLOGY	Stony Mountain Formation	94.20	35.30	148.7	RBHRM	11 FEB 1999				
GEOLOGY	upper Stony Mountain Formation	94.20	6.40	148.7	RBHRM	11 FEB 1999				
GEOLOGY	Gunton Member	94.20	6.40	148.7	RBHRM	11 FEB 1999				
GEOLOGY	lower Stony Mountain Formation	100.60	28.90	142.3	RBHRM	11 FEB 1999				
GEOLOGY	Penitentiary Member	100.60	3.00	142.3	RBHRM	11 FEB 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	103.60	25.90	139.3	RBHRM	11 FEB 1999				
GEOLOGY	Red River Formation	129.50	149.40	113.4	RBHRM	11 FEB 1999				
GEOLOGY	Winnipeg Formation	278.90	38.70	-36.0	RBHRM	11 FEB 1999				
GEOLOGY	PRECAMBRIAN (Weathered)	317.60		-74.7	RBHRM	27 JAN 1994				
GEOLOGY	Final Total Depth	317.60		-74.7	RBHRM	27 JAN 1994				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/14-20-006-01W1/00	Licence:	1548	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Sun Manitoba Core Hole #1	Assessment File No:		Core Desc:	N				
KB Elev:	239.88	Grnd Elev:	237.74	TVD:	306.93	Fm At TD:	PRECAMBRIAN (Weathered)		
UTM East:	603973.0	UTM North:	5484057.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	V								
Map Sheet:	62H 12	Storage Units:	METRIC	Updated:	25 AUG 1992	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	22.86	239.9	BEZYS	09 FEB 1999				
GEOLOGY	Base of Drift	22.86	22.86	217.0	BEZYS	09 FEB 1999				
GEOLOGY	Paleozoic	22.86	283.77	217.0	BEZYS	09 FEB 1999			E	
GEOLOGY	Silurian	22.86	34.44	217.0	BEZYS	09 FEB 1999			E	
GEOLOGY	Interlake Group	22.86	34.44	217.0	BEZYS	09 FEB 1999			E	
GEOLOGY	Ordovician	57.30	249.33	182.6	BEZYS	09 FEB 1999				
GEOLOGY	Stony Mountain Formation	57.30	41.15	182.6	BEZYS	09 FEB 1999				
GEOLOGY	upper Stony Mountain Formation	57.30	15.24	182.6	BEZYS	09 FEB 1999				
GEOLOGY	Gunton Member	57.30	15.24	182.6	BEZYS	09 FEB 1999				
GEOLOGY	lower Stony Mountain Formation	72.54	25.91	167.3	BEZYS	09 FEB 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	72.54	25.91	167.3	BEZYS	09 FEB 1999				
GEOLOGY	Red River Formation	98.45	153.32	141.4	BEZYS	09 FEB 1999				
GEOLOGY	Winnipeg Formation	251.77	54.86	-11.9	BEZYS	09 FEB 1999				
GEOLOGY	upper Winnipeg unit	251.77	26.82	-11.9	BEZYS	09 FEB 1999				
GEOLOGY	Carman Sand	252.37	26.22	-12.5	BEZYS	09 FEB 1999				
GEOLOGY	Base of Carman Sand	278.59		-38.7	BEZYS	25 AUG 1992				
GEOLOGY	lower Winnipeg unit	278.59	28.04	-38.7	BEZYS	09 FEB 1999				
GEOLOGY	Basal Sand	300.53	6.10	-60.7	BEZYS	09 FEB 1999				
GEOLOGY	base of Basal Sand	306.63		-66.8	BEZYS	25 AUG 1992				
GEOLOGY	PRECAMBRIAN (Weathered)	306.63		-66.8	BEZYS	25 AUG 1992				
GEOLOGY	Final Total Depth	306.93		-67.1	BEZYS	25 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/01-12-007-02W1/00	Licence:	2513	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	ASM-BTO Et Al Osborne Prov.				Assessment File No:	Core Desc: Y			
KB Elev:	241.95	Grnd Elev:	238.29	TVD:	322.48	Fm At TD: PRECAMBRIAN (Weathered)			
UTM East:	601426.0	UTM North:	5489209.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 12	Storage Units:	METRIC	Updated:	22 FEB 1993	Country:	CANADA	Prov:	MANITOBA
Deviation: V									

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	41.15	242.0	BEZYS	18 JAN 1999				
GEOLOGY	Base of Drift	41.15	41.15	200.8	BEZYS	09 NOV 1998				
GEOLOGY	Paleozoic	41.15	277.98	200.8	BEZYS	19 NOV 1998			E	
GEOLOGY	Silurian	41.15	27.43	200.8	BEZYS	09 NOV 1998			E	
GEOLOGY	Interlake Group	41.15	20.11	200.8	BEZYS	09 NOV 1998			E	
GEOLOGY	U1-Marker	48.77	1.83	193.2	BEZYS	09 NOV 1998				
GEOLOGY	Fisher Branch Formation	50.60	10.66	191.4	BEZYS	09 NOV 1998				
GEOLOGY	Stonewall Formation	61.26	19.21	180.7	BEZYS	09 NOV 1998				
GEOLOGY	Stonewall (Upper)	61.26	7.32	180.7	BEZYS	09 NOV 1998				
GEOLOGY	T-Marker	67.06	1.52	174.9	BEZYS	09 NOV 1998				
GEOLOGY	Ordovician	68.58	250.55	173.4	BEZYS	09 NOV 1998				
GEOLOGY	Stonewall (Lower)	68.58	11.89	173.4	BEZYS	09 NOV 1998				
GEOLOGY	Williams Member	73.15	7.32	168.8	BEZYS	09 NOV 1998				
GEOLOGY	Stony Mountain Formation	80.47	34.14	161.5	BEZYS	09 NOV 1998				
GEOLOGY	upper Stony Mountain Formation	80.47	8.53	161.5	BEZYS	09 NOV 1998				
GEOLOGY	Guntion Member	80.47	8.53	161.5	BEZYS	09 NOV 1998				
GEOLOGY	lower Stony Mountain Formation	89.00	25.61	153.0	BEZYS	09 NOV 1998				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	89.00	25.61	153.0	BEZYS	09 NOV 1998				
GEOLOGY	Red River Formation	114.61	147.52	127.3	BEZYS	09 NOV 1998				
GEOLOGY	upper Red River Formation	114.61	45.11	127.3	BEZYS	09 NOV 1998				
GEOLOGY	Fort Garry Member (Herald-Redvers)	114.61	45.11	127.3	BEZYS	09 NOV 1998				
GEOLOGY	Redvers	114.61	4.26	127.3	BEZYS	09 NOV 1998				
GEOLOGY	Coronach	118.87	14.94	123.1	BEZYS	09 NOV 1998				
GEOLOGY	Lake Alma	133.81	10.06	108.1	BEZYS	09 NOV 1998				
GEOLOGY	Unit C (top Yeoman)	143.87	15.85	98.1	BEZYS	09 NOV 1998				
GEOLOGY	lower Red River Formation	159.72	102.41	82.2	BEZYS	09 NOV 1998				
GEOLOGY	Unit B	159.72	85.64	82.2	BEZYS	09 NOV 1998				
GEOLOGY	Selkirk Member	159.72	102.41	82.2	BEZYS	18 JAN 1999				
GEOLOGY	Hecla Beds (Unit A)	245.36	16.77	-3.4	BEZYS	09 NOV 1998				
GEOLOGY	Winnipeg Formation	262.13	57.00	-20.2	BEZYS	09 NOV 1998				
GEOLOGY	upper Winnipeg unit	262.13	28.65	-20.2	BEZYS	09 NOV 1998				
GEOLOGY	Carman Sand	265.18	25.60	-23.2	BEZYS	09 NOV 1998				
GEOLOGY	Base of Carman Sand	290.78		-48.8	BEZYS	25 AUG 1992				
GEOLOGY	lower Winnipeg unit	290.78	28.35	-48.8	BEZYS	09 NOV 1998				
GEOLOGY	Basal Sand	315.16	3.97	-73.2	BEZYS	09 NOV 1998				
GEOLOGY	base of Basal Sand	319.13		-77.2	BEZYS	25 AUG 1992				
GEOLOGY	PRECAMBRIAN (Weathered)	319.13	3.35	-77.2	BEZYS	09 NOV 1998			I	
GEOLOGY	Final Total Depth	322.48		-80.5	BEZYS	25 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	1W0/04-27-007-04W1/00	Licence:	2364	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Carman Strat. Test No. 10	Assessment File No:		Core Desc:	Y				
KB Elev:	254.81	Grnd Elev:	253.29	TVD:	165.20	Fm At TD:	Stony Mountain Formation		
UTM East:	576930.0	UTM North:	5493550.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	V								
Map Sheet:	62H 12	Storage Units:	METRIC	Updated:	25 AUG 1992	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	88.39	254.8	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	88.39	88.39	166.4	BEZYS	09 NOV 1998				
GEOLOGY	Paleozoic	88.39	76.81	166.4	BEZYS	09 NOV 1998		I	E	
GEOLOGY	Silurian	88.39	69.50	166.4	BEZYS	09 NOV 1998			E	
GEOLOGY	Interlake Group	88.39	61.57	166.4	BEZYS	09 NOV 1998			E	
GEOLOGY	U1-Marker	132.89	1.22	121.9	BEZYS	09 NOV 1998				
GEOLOGY	Fisher Branch Formation	134.11	15.85	120.7	BEZYS	09 NOV 1998				
GEOLOGY	Stonewall Formation	149.96	14.63	104.9	BEZYS	09 NOV 1998				
GEOLOGY	Stonewall (Upper)	149.96	7.93	104.9	BEZYS	09 NOV 1998				
GEOLOGY	T-Marker	156.06	1.83	98.8	BEZYS	09 NOV 1998				
GEOLOGY	Ordovician	157.89	7.31	96.9	BEZYS	09 NOV 1998		I		
GEOLOGY	Stonewall (Lower)	157.89	6.70	96.9	BEZYS	09 NOV 1998				
GEOLOGY	Williams Member	159.72	4.87	95.1	BEZYS	09 NOV 1998				
GEOLOGY	Stony Mountain Formation	164.59	0.61	90.2	BEZYS	09 NOV 1998		I		
GEOLOGY	upper Stony Mountain Formation	164.59	0.61	90.2	BEZYS	09 NOV 1998		I		
GEOLOGY	Gunton Member	164.59	0.61	90.2	BEZYS	09 NOV 1998		I		
GEOLOGY	Final Total Depth	165.20		89.6	BEZYS	25 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	1S0/04-32-007-04W1/00	Licence:	2363	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Carman Strat. Test No. 9	Assessment File No:		Core Desc:	Y				
KB Elev:	259.80	Grnd Elev:	258.47	TVD:	173.74	Fm At TD:	Stonewall Formation		
UTM East:	573723.0	UTM North:	5495469.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 12	Storage Units:	METRIC	Updated:	25 AUG 1992	Country:	CANADA	Prov:	MANITOBA
Deviation:	V								

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	115.82	259.8	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	115.82	115.82	144.0	BEZYS	09 NOV 1998				
GEOLOGY	Paleozoic	115.82	57.92	144.0	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Silurian	115.82	57.92	144.0	BEZYS	09 NOV 1998		I	E	
GEOLOGY	Interlake Group	115.82	51.82	144.0	BEZYS	09 NOV 1998		I	E	
GEOLOGY	U1-Marker	152.40	1.22	107.4	BEZYS	09 NOV 1998				
GEOLOGY	Fisher Branch Formation	153.62	14.02	106.2	BEZYS	09 NOV 1998				
GEOLOGY	Stonewall Formation	167.64	6.10	92.2	BEZYS	09 NOV 1998		I		
GEOLOGY	Stonewall (Upper)	167.64	6.10	92.2	BEZYS	09 NOV 1998		I		
GEOLOGY	Final Total Depth	173.74		86.1	BEZYS	25 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	1S0/04-34-007-04W1/00	Licence:	2362	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Carman Strat. Test No. 8	Assessment File No:		Core Desc:	Y				
KB Elev:	253.14	Grnd Elev:	251.80	TVD:	154.53	Fm At TD:	Stonewall Formation		
UTM East:	576937.0	UTM North:	5495155.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	V								
Map Sheet:	62H 12	Storage Units:	METRIC	Updated:	25 AUG 1992	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	67.06	253.1	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	67.06	67.06	186.1	BEZYS	09 NOV 1998				
GEOLOGY	Paleozoic	67.06	87.47	186.1	BEZYS	19 NOV 1998		I	E	
GEOLOGY	Devonian	67.06	15.24	186.1	BEZYS	19 NOV 1998			E	
GEOLOGY	Elk Point Group	67.06	13.10	186.1	BEZYS	19 NOV 1998			E	
GEOLOGY	Ashern Formation	80.16	2.14	173.0	BEZYS	09 NOV 1998				
GEOLOGY	Silurian	82.30	71.32	170.8	BEZYS	09 NOV 1998		I		
GEOLOGY	Interlake Group	82.30	64.00	170.8	BEZYS	09 NOV 1998				
GEOLOGY	U1-Marker	134.11	0.61	119.0	BEZYS	09 NOV 1998				
GEOLOGY	Fisher Branch Formation	134.72	11.58	118.4	BEZYS	09 NOV 1998				
GEOLOGY	Stonewall Formation	146.30	8.23	106.8	BEZYS	09 NOV 1998		I		
GEOLOGY	Stonewall (Upper)	146.30	7.32	106.8	BEZYS	09 NOV 1998				
GEOLOGY	T-Marker	151.79	1.83	101.4	BEZYS	09 NOV 1998				
GEOLOGY	Ordovician	153.62	0.91	99.5	BEZYS	09 NOV 1998		I		
GEOLOGY	Stonewall (Lower)	153.62	0.91	99.5	BEZYS	09 NOV 1998		I		
GEOLOGY	Final Total Depth	154.53		98.6	BEZYS	25 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/07-35-007-04W1/00	Licence:	1302	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	B.A. Wiebe	Assessment File No:		Core Desc:	Y				
KB Elev:	251.77	Grnd Elev:	248.53	TVD:	414.53	Fm At TD:	PRECAMBRIAN (Weathered)		
UTM East:	579560.0	UTM North:	5495752.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	V								
Map Sheet:	62H 12	Storage Units:	METRIC	Updated:	03 DEC 1992	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	51.82	251.8	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	51.82	51.82	200.0	BEZYS	06 NOV 1998				
GEOLOGY	Mesozoic	51.82	34.44	200.0	BEZYS	06 NOV 1998			E	
GEOLOGY	Jurassic	51.82	34.44	200.0	BEZYS	06 NOV 1998			E	
GEOLOGY	Reston Formation	51.82	19.81	200.0	BEZYS	06 NOV 1998			E	
GEOLOGY	Amaranth Formation	71.63	14.63	180.1	BEZYS	06 NOV 1998				
GEOLOGY	Upper Amaranth (Evaporite) Member	71.63	0.66	180.1	BEZYS	06 NOV 1998				
GEOLOGY	Lower Amaranth (Red Beds) Member	72.29	13.97	179.5	BEZYS	06 NOV 1998				
GEOLOGY	Paleozoic	86.26	316.99	165.5	BEZYS	06 NOV 1998				
GEOLOGY	Silurian	86.26	63.40	165.5	BEZYS	06 NOV 1998				
GEOLOGY	Interlake Group	86.26	60.04	165.5	BEZYS	06 NOV 1998				
GEOLOGY	Stonewall Formation	146.30	15.24	105.5	BEZYS	06 NOV 1998				
GEOLOGY	Stonewall (Upper)	146.30	3.36	105.5	BEZYS	06 NOV 1998				
GEOLOGY	T-Marker	148.74	0.92	103.0	BEZYS	06 NOV 1998				
GEOLOGY	Ordovician	149.66	253.59	102.1	BEZYS	06 NOV 1998				
GEOLOGY	Stonewall (Lower)	149.66	11.88	102.1	BEZYS	06 NOV 1998				
GEOLOGY	Williams Member	156.67	4.87	95.1	BEZYS	06 NOV 1998				
GEOLOGY	Stony Mountain Formation	161.54	39.02	90.2	BEZYS	06 NOV 1998				
GEOLOGY	upper Stony Mountain Formation	161.54	13.72	90.2	BEZYS	06 NOV 1998				
GEOLOGY	Gunton Member	161.54	13.72	90.2	BEZYS	06 NOV 1998				
GEOLOGY	lower Stony Mountain Formation	175.26	25.30	76.5	BEZYS	06 NOV 1998				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	175.26	25.30	76.5	BEZYS	06 NOV 1998				
GEOLOGY	Red River Formation	200.56	147.83	51.2	BEZYS	06 NOV 1998				
GEOLOGY	upper Red River Formation	200.56	17.68	51.2	BEZYS	06 NOV 1998				
GEOLOGY	lower Red River Formation	218.24	130.15	33.5	BEZYS	06 NOV 1998				
GEOLOGY	Winnipeg Formation	348.39	54.86	-96.6	BEZYS	06 NOV 1998				
GEOLOGY	upper Winnipeg unit	348.39	2.74	-96.6	BEZYS	06 NOV 1998				
GEOLOGY	lower Winnipeg unit	351.13	52.12	-99.4	BEZYS	06 NOV 1998				
GEOLOGY	Basal Sand	399.90	3.35	-148.1	BEZYS	06 NOV 1998				
GEOLOGY	base of Basal Sand	403.25		-151.5	BEZYS	25 AUG 1992				
GEOLOGY	PRECAMBRIAN (Weathered)	403.25	11.28	-151.5	BEZYS	06 NOV 1998			I	
GEOLOGY	Final Total Depth	414.53		-162.8	BEZYS	25 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/04-06-008-03W1/00	Licence:	1725	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Sun Carman	Assessment File No:		Core Desc:	N				
KB Elev:	249.63	Grnd Elev:	247.80	TVD:	347.17	Fm At TD:	Winnipeg Formation		
UTM East:	582015.0	UTM North:	5497084.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	V								
Map Sheet:	62H 12	Storage Units:	METRIC	Updated:	26 AUG 1992	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	76.20	249.6	BEZYS	09 FEB 1999				
GEOLOGY	Base of Drift	76.20	76.20	173.4	BEZYS	09 FEB 1999				
GEOLOGY	Paleozoic	76.20	270.97	173.4	BEZYS	09 FEB 1999		I	E	
GEOLOGY	Silurian	76.20	64.92	173.4	BEZYS	09 FEB 1999			E	
GEOLOGY	Interlake Group	76.20	58.52	173.4	BEZYS	09 FEB 1999			E	
GEOLOGY	U1-Marker	126.80	1.22	122.8	BEZYS	09 FEB 1999				
GEOLOGY	Fisher Branch Formation	128.02	6.70	121.6	BEZYS	09 FEB 1999				
GEOLOGY	Stonewall Formation	134.72	19.51	114.9	BEZYS	09 FEB 1999				
GEOLOGY	Stonewall (Upper)	134.72	6.40	114.9	BEZYS	09 FEB 1999				
GEOLOGY	T-Marker	139.60	1.52	110.0	BEZYS	09 FEB 1999				
GEOLOGY	Ordovician	141.12	206.05	108.5	BEZYS	09 FEB 1999		I		
GEOLOGY	Stonewall (Lower)	141.12	13.11	108.5	BEZYS	09 FEB 1999				
GEOLOGY	Williams Member	146.91	7.32	102.7	BEZYS	09 FEB 1999				
GEOLOGY	Stony Mountain Formation	154.23	34.75	95.4	BEZYS	09 FEB 1999				
GEOLOGY	upper Stony Mountain Formation	154.23	9.75	95.4	BEZYS	09 FEB 1999				
GEOLOGY	Guntion Member	154.23	9.75	95.4	BEZYS	09 FEB 1999				
GEOLOGY	lower Stony Mountain Formation	163.98	24.90	85.7	BEZYS	09 FEB 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	163.98	24.90	85.7	BEZYS	09 FEB 1999				
GEOLOGY	Red River Formation	188.98	146.91	60.7	BEZYS	09 FEB 1999				
GEOLOGY	upper Red River Formation	188.98	52.42	60.7	BEZYS	09 FEB 1999				
GEOLOGY	Fort Garry Member (Herald-Redvers)	188.98	52.42	60.7	BEZYS	09 FEB 1999				
GEOLOGY	Redvers	188.98	3.65	60.7	BEZYS	09 FEB 1999				
GEOLOGY	Coronach	192.63	13.11	57.0	BEZYS	09 FEB 1999				
GEOLOGY	Lake Alma	205.74	17.68	43.9	BEZYS	09 FEB 1999				
GEOLOGY	Unit C (top Yeoman)	223.42	17.98	26.2	BEZYS	09 FEB 1999				
GEOLOGY	lower Red River Formation	241.40	94.49	8.2	BEZYS	09 FEB 1999				
GEOLOGY	Unit B	241.40	84.43	8.2	BEZYS	09 FEB 1999				
GEOLOGY	Selkirk Member	241.40	94.49	8.2	BEZYS	09 FEB 1999				
GEOLOGY	Hecla Beds (Unit A)	325.83	10.06	-76.2	BEZYS	09 FEB 1999				
GEOLOGY	Winnipeg Formation	335.89	11.28	-86.3	BEZYS	09 FEB 1999		I		
GEOLOGY	Base of Carman Sand	338.33		-88.7	BEZYS	03 AUG 1994		I		
GEOLOGY	Final Total Depth	347.17		-97.5	BEZYS	26 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	1W0/12-03-008-04W1/00	Licence:	2361	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Carman Stratigraphic Test No. 7				Assessment File No:	Core Desc: Y			
KB Elev:	253.30	Grnd Elev:	253.30	TVD:	154.84	Fm At TD:	Stonewall Formation		
UTM East:	576864.0	UTM North:	5497634.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 12	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA
Deviation: V									

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	78.64	253.3	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	78.64	78.64	174.7	BEZYS	09 NOV 1998				
GEOLOGY	Mesozoic	78.64	29.26	174.7	BEZYS	19 NOV 1998			E	
GEOLOGY	Jurassic	78.64	29.26	174.7	BEZYS	19 NOV 1998			E	
GEOLOGY	Jurassic (Undifferentiated)	78.64	3.66	174.7	BEZYS	19 NOV 1998			E	
GEOLOGY	Amaranth Formation	82.30	25.60	171.0	BEZYS	09 NOV 1998				
GEOLOGY	Paleozoic	107.90	46.94	145.4	BEZYS	09 NOV 1998		I		
GEOLOGY	Silurian	107.90	39.93	145.4	BEZYS	09 NOV 1998		I		
GEOLOGY	Interlake Group	107.90	35.36	145.4	BEZYS	09 NOV 1998		I		
GEOLOGY	Stonewall Formation	143.26	11.58	110.0	BEZYS	09 NOV 1998		I		
GEOLOGY	Stonewall (Upper)	143.26	4.57	110.0	BEZYS	09 NOV 1998				
GEOLOGY	T-Marker	146.92	4.57	106.4	BEZYS	09 NOV 1998				
GEOLOGY	Ordovician	147.83	7.01	105.5	BEZYS	09 NOV 1998		I		
GEOLOGY	Stonewall (Lower)	147.83	7.01	105.5	BEZYS	09 NOV 1998			I	
GEOLOGY	Final Total Depth	154.84		98.5	BEZYS	26 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/16-12-008-04W1/00	Licence:	1721	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Sun Carman	Assessment File No:		Core Desc:	N				
KB Elev:	249.33	Grnd Elev:	247.50	TVD:	383.44	Fm At TD:	PRECAMBRIAN (Weathered)		
UTM East:	581518.0	UTM North:	5499888.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	V								
Map Sheet:	62H 12	Storage Units:	METRIC	Updated:	26 AUG 1992	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	91.14	249.3	BEZYS	10 FEB 1999				
GEOLOGY	Base of Drift	91.44	91.14	157.9	BEZYS	10 FEB 1999				
GEOLOGY	Paleozoic	114.30	266.70	135.0	BEZYS	10 FEB 1999			E	
GEOLOGY	Silurian	114.30	19.20	135.0	BEZYS	10 FEB 1999			E	
GEOLOGY	Interlake Group	114.30	11.89	135.0	BEZYS	10 FEB 1999			E	
GEOLOGY	Stonewall Formation	126.19	18.29	123.1	BEZYS	10 FEB 1999			E	
GEOLOGY	Stonewall (Upper)	126.19	7.31	123.1	BEZYS	10 FEB 1999			E	
GEOLOGY	T-Marker	131.67	1.83	117.7	BEZYS	10 FEB 1999				
GEOLOGY	Ordovician	133.50	247.50	115.8	BEZYS	10 FEB 1999				
GEOLOGY	Stonewall (Lower)	133.50	10.98	115.8	BEZYS	10 FEB 1999				
GEOLOGY	Williams Member	137.77	6.71	111.6	BEZYS	10 FEB 1999				
GEOLOGY	Stony Mountain Formation	144.48	36.27	104.9	BEZYS	10 FEB 1999				
GEOLOGY	upper Stony Mountain Formation	144.48	10.97	104.9	BEZYS	10 FEB 1999				
GEOLOGY	Guntun Member	144.48	10.97	104.9	BEZYS	10 FEB 1999				
GEOLOGY	lower Stony Mountain Formation	155.45	25.30	93.9	BEZYS	10 FEB 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	155.45	25.30	93.9	BEZYS	10 FEB 1999				
GEOLOGY	Red River Formation	180.75	145.39	68.6	BEZYS	10 FEB 1999				
GEOLOGY	upper Red River Formation	180.75	50.90	68.6	BEZYS	10 FEB 1999				
GEOLOGY	Fort Garry Member (Herald-Redvers)	180.75	50.90	68.6	BEZYS	10 FEB 1999				
GEOLOGY	Redvers	180.75	4.87	68.6	BEZYS	10 FEB 1999				
GEOLOGY	Coronach	185.62	12.50	63.7	BEZYS	10 FEB 1999				
GEOLOGY	Lake Alma	198.12	12.19	51.2	BEZYS	10 FEB 1999				
GEOLOGY	Unit C (top Yeoman)	210.31	21.34	39.0	BEZYS	10 FEB 1999				
GEOLOGY	lower Red River Formation	231.65	94.49	17.7	BEZYS	10 FEB 1999				
GEOLOGY	Unit B	231.65	86.26	17.7	BEZYS	10 FEB 1999				
GEOLOGY	Selkirk Member	231.65	94.49	17.7	BEZYS	10 FEB 1999				
GEOLOGY	Hecla Beds (Unit A)	317.91	8.23	-68.6	BEZYS	10 FEB 1999				
GEOLOGY	Winnipeg Formation	326.14	54.86	-76.8	BEZYS	10 FEB 1999				
GEOLOGY	Carman Sand	329.49	22.55	-80.2	BEZYS	10 FEB 1999				
GEOLOGY	Base of Carman Sand	352.04		-102.7	BEZYS	26 AUG 1992				
GEOLOGY	Basal Sand	377.95	3.05	-128.6	BEZYS	10 FEB 1999				
GEOLOGY	base of Basal Sand	381.00		-131.7	BEZYS	26 AUG 1992				
GEOLOGY	PRECAMBRIAN (Weathered)	381.00		-131.7	BEZYS	26 AUG 1992				
GEOLOGY	Final Total Depth	383.44		-134.1	BEZYS	26 AUG 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/10-13-010-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	(ASD) Art Dawson DH No. 6				Assessment File No:			Core Desc:	N
KB Elev:	238.30	Grnd Elev:	238.30	TVD:	70.40	Fm At TD:	Red River Formation		
UTM East:	610125.0	UTM North:	5521275.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	15 JUN 1993	Country:	CANADA	Prov:	MANITOBA
Deviation:	N								

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Paleozoic	19.80	50.60	218.5	MCCABE	12 JAN 1999		I	E	
GEOLOGY	Stonewall Formation	19.80	12.70	218.5	MCCABE	12 JAN 1999			E	
GEOLOGY	Ordovician	19.80	50.60	218.5	MCCABE	12 JAN 1999		I	E	
GEOLOGY	Stonewall (Lower)	19.80	12.70	218.5	MCCABE	12 JAN 1999			E	
GEOLOGY	Williams Member	25.30	7.20	213.0	MCCABE	12 JAN 1999				
GEOLOGY	Stony Mountain Formation	32.50	34.70	205.8	MCCABE	12 JAN 1999				
GEOLOGY	Gunton Member	32.50	5.60	205.8	MCCABE	12 JAN 1999				
GEOLOGY	Penitentiary Member	38.10	3.70	200.2	MCCABE	12 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	41.80	25.40	196.5	MCCABE	12 JAN 1999				
GEOLOGY	Red River Formation	67.20	3.20	171.1	MCCABE	12 JAN 1999		I		
GEOLOGY	Final Total Depth	70.40		167.9	MCCABE	15 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/11-04-010-02W1/00	Licence:	Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Manitoba Sun Core Hole No. 6			Assessment File No:	Core Desc: N			
KB Elev:	237.70	Grnd Elev:	237.70	TVD:	309.10	Fm At TD:	PRECAMBRIAN	
UTM East:	596875.0	UTM North:	5520925.0	UTM Zone:	14	Node Position:	SURFACE	Faulted: N Deviation: N
Map Sheet:	62H 13	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov: MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	11.60	237.7	BEZYS	18 JAN 1999				
GEOLOGY	Base of Drift	11.60	11.60	226.1	BEZYS	18 JAN 1999				
GEOLOGY	Paleozoic	11.60	296.61	226.1	BEZYS	18 JAN 1999			E	
GEOLOGY	Silurian	11.60	48.40	226.1	BEZYS	18 JAN 1999			E	
GEOLOGY	U1-Marker	49.70	2.10	188.0	BEZYS	18 JAN 1999			E	
GEOLOGY	Fisher Branch Formation	51.80	4.60	185.9	BEZYS	18 JAN 1999				
GEOLOGY	Stonewall Formation	56.40	18.30	181.3	BEZYS	18 JAN 1999				
GEOLOGY	Stonewall (Upper)	56.40	3.60	181.3	BEZYS	18 JAN 1999				
GEOLOGY	T-Marker	59.40	0.60	178.3	BEZYS	18 JAN 1999				
GEOLOGY	Ordovician	60.00	248.21	177.7	BEZYS	18 JAN 1999				
GEOLOGY	Stonewall (Lower)	60.00	14.70	177.7	BEZYS	18 JAN 1999				
GEOLOGY	Williams Member	63.10	11.60	174.6	BEZYS	18 JAN 1999				
GEOLOGY	Stony Mountain Formation	74.70	35.90	163.0	BEZYS	18 JAN 1999				
GEOLOGY	Gunton Member	74.70	10.00	163.0	BEZYS	18 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	84.70	25.90	153.0	BEZYS	18 JAN 1999				
GEOLOGY	Red River Formation	110.60	151.80	127.1	BEZYS	18 JAN 1999				
GEOLOGY	upper Red River Formation	110.60	28.10	127.1	BEZYS	18 JAN 1999				
GEOLOGY	Fort Garry Member (Herald-Redvers)	110.60	28.10	127.1	BEZYS	18 JAN 1999				
GEOLOGY	lower Red River Formation	138.70	123.70	99.0	BEZYS	18 JAN 1999				
GEOLOGY	Winnipeg Formation	262.40	45.81	-24.7	BEZYS	18 JAN 1999				
GEOLOGY	PRECAMBRIAN	308.21		-70.5	BEZYS	15 JUN 1993				
GEOLOGY	Final Total Depth	309.10		-71.4	BEZYS	15 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/10-36-010-04W1/00	Licence:	2177	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Kewanee Benard				Assessment File No:	Core Desc: Y			
KB Elev:	244.91	Grnd Elev:	242.30	TVD:	363.60	Fm At TD:	PRECAMBRIAN		
UTM East:	580687.0	UTM North:	5525776.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 13	Storage Units:	METRIC	Updated:	22 FEB 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	42.67	244.9	BEZYS	19 JAN 1999				
GEOLOGY	Base of Drift	42.67	42.67	202.2	BEZYS	19 NOV 1998				
GEOLOGY	Silurian	42.67	79.25	202.2	BEZYS	19 NOV 1998			E	
GEOLOGY	Interlake Group	42.67	73.15	202.2	BEZYS	19 NOV 1998			E	
GEOLOGY	V-Marker	88.39		156.5	BEZYS	23 JUL 1992				
GEOLOGY	U1-Marker	100.58	2.44	144.3	BEZYS	19 NOV 1998				
GEOLOGY	Fisher Branch Formation	103.02	12.80	141.9	BEZYS	19 NOV 1998				
GEOLOGY	Stonewall Formation	115.82	19.21	129.1	BEZYS	19 NOV 1998				
GEOLOGY	Stonewall (Upper)	115.82	6.10	129.1	BEZYS	19 NOV 1998				
GEOLOGY	T-Marker	120.70	1.22	124.2	BEZYS	19 NOV 1998				
GEOLOGY	Ordovician	121.92	233.17	123.0	BEZYS	19 NOV 1998				
GEOLOGY	Stonewall (Lower)	121.92	13.11	123.0	BEZYS	19 NOV 1998				
GEOLOGY	Williams Member	129.85	5.18	115.1	BEZYS	19 NOV 1998				
GEOLOGY	Stony Mountain Formation	135.03	36.57	109.9	BEZYS	19 NOV 1998				
GEOLOGY	upper Stony Mountain Formation	135.03	11.27	109.9	BEZYS	19 NOV 1998				
GEOLOGY	Guntion Member	135.03	11.27	109.9	BEZYS	19 NOV 1998				
GEOLOGY	lower Stony Mountain Formation	146.30	25.30	98.6	BEZYS	19 NOV 1998				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	146.30	25.30	98.6	BEZYS	19 NOV 1998				
GEOLOGY	Red River Formation	171.60	153.62	73.3	BEZYS	19 NOV 1998				
GEOLOGY	upper Red River Formation	171.60	56.09	73.3	BEZYS	19 NOV 1998				
GEOLOGY	Fort Garry Member (Herald-Redvers)	171.60	56.09	73.3	BEZYS	19 NOV 1998				
GEOLOGY	Redvers	171.60	3.70	73.3	BEZYS	19 NOV 1998				
GEOLOGY	Coronach	175.30	13.37	69.6	BEZYS	19 NOV 1998				
GEOLOGY	Lake Alma	188.67	10.67	56.2	BEZYS	19 NOV 1998				
GEOLOGY	Unit C (top Yeoman)	199.34	28.35	45.6	BEZYS	19 NOV 1998				
GEOLOGY	lower Red River Formation	227.69	97.53	17.2	BEZYS	19 NOV 1998				
GEOLOGY	Unit B	227.69	87.78	17.2	BEZYS	19 NOV 1998				
GEOLOGY	Selkirk Member	227.69	87.78	17.2	BEZYS	19 NOV 1998				
GEOLOGY	Hecla Beds (Unit A)	315.47	9.75	-70.6	BEZYS	19 NOV 1998				
GEOLOGY	Winnipeg Formation	325.22	29.87	-80.3	BEZYS	19 NOV 1998				
GEOLOGY	upper Winnipeg unit	325.22	27.43	-80.3	BEZYS	19 NOV 1998				
GEOLOGY	lower Winnipeg unit	352.65	2.44	-107.7	BEZYS	19 NOV 1998				
GEOLOGY	Basal Sand	352.65	2.44	-107.7	BEZYS	19 NOV 1998				
GEOLOGY	base of Basal Sand	355.09		-110.2	BEZYS	23 JUL 1992				
GEOLOGY	PRECAMBRIAN (Weathered)	355.09	4.57	-110.2	BEZYS	19 NOV 1998				
GEOLOGY	PRECAMBRIAN	359.66		-114.8	BEZYS	07 JUN 1993				
GEOLOGY	Final Total Depth	363.60		-118.7	BEZYS	02 MAR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/11-01-011-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Manitoba Sun Core Hole No. 9				Assessment File No:	Core Desc: N			
KB Elev:	241.10	Grnd Elev:	238.96	TVD:	264.00	Fm At TD:PRECAMBRIAN			
UTM East:	609700.0	UTM North:	5527825.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	09 JUL 2002	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Paleozoic	13.70	250.30	227.4	BEZYS	12 JAN 1999			E	
GEOLOGY	Silurian (Undifferentiated)	13.70	13.70	227.4	BEZYS	12 JAN 1999			E	
GEOLOGY	Stonewall Formation	18.30	9.10	222.8	BEZYS	12 JAN 1999			E	
GEOLOGY	Ordovician	27.40	236.30	213.7	BEZYS	12 JAN 1999				
GEOLOGY	Stony Mountain Formation	27.40	42.10	213.7	BEZYS	12 JAN 1999				
GEOLOGY	Gunton Member	27.40	17.70	213.7	BEZYS	12 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	45.10	24.40	196.0	BEZYS	12 JAN 1999				
GEOLOGY	Red River Formation	69.50	153.60	171.6	BEZYS	12 JAN 1999				
GEOLOGY	Winnipeg Formation	223.10	40.60	18.0	BEZYS	12 JAN 1999				
GEOLOGY	PRECAMBRIAN	263.70		-22.6	BEZYS	15 JUN 1993				
GEOLOGY	Final Total Depth	264.00		-22.9	BEZYS	15 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/10-04-011-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Manitoba Sun Core Hole No. 8				Assessment File No:			Core Desc:	N
KB Elev:	241.10	Grnd Elev:	241.10	TVD:	276.80	Fm At TD:PRECAMBRIAN			
UTM East:	604975.0	UTM North:	5527825.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 13	Storage Units:	METRIC	Updated:	15 JUN 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Paleozoic	14.60	261.50	226.5	BEZYS	12 JAN 1999			E	
GEOLOGY	Silurian	14.60	20.50	226.5	BEZYS	12 JAN 1999			E	
GEOLOGY	Interlake Group	14.60	15.90	226.5	BEZYS	12 JAN 1999			E	
GEOLOGY	Stonewall Formation	30.50	16.70	210.6	BEZYS	12 JAN 1999			E	
GEOLOGY	T-Marker	33.50	1.60	207.6	BEZYS	12 JAN 1999				
GEOLOGY	Ordovician	35.10	241.00	206.0	BEZYS	12 JAN 1999				
GEOLOGY	Stonewall (Lower)	35.10	12.10	206.0	BEZYS	12 JAN 1999				
GEOLOGY	Williams Member	41.50	5.70	199.6	BEZYS	12 JAN 1999				
GEOLOGY	Stony Mountain Formation	47.20	36.30	193.9	BEZYS	12 JAN 1999				
GEOLOGY	Gunton Member	47.20	11.90	193.9	BEZYS	12 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	59.10	24.40	182.0	BEZYS	12 JAN 1999				
GEOLOGY	Red River Formation	83.50	156.10	157.6	BEZYS	12 JAN 1999				
GEOLOGY	Winnipeg Formation	239.60	27.50	1.5	BEZYS	12 JAN 1999				
GEOLOGY	PRECAMBRIAN	276.10		-35.0	BEZYS	15 JUN 1993				
GEOLOGY	Final Total Depth	276.80		-35.7	BEZYS	15 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/10-13-011-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	Manitoba Sun Core Hole No. 7				Assessment File No:	Core Desc: N			
KB Elev:	241.70	Grnd Elev:	241.70	TVD:	259.40	Fm At TD:	PRECAMBRIAN		
UTM East:	609700.0	UTM North:	5531050.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62H 14	Storage Units:	METRIC	Updated:	20 APR 1994	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	8.50	241.7	BEZYS	14 JAN 1999			E	
GEOLOGY	Base of Drift	8.50	8.50	233.2	BEZYS	14 JAN 1999			E	
GEOLOGY	Paleozoic	8.50	248.10	233.2	BEZYS	12 JAN 1999			E	
GEOLOGY	Silurian	8.50	15.30	233.2	BEZYS	12 JAN 1999			E	
GEOLOGY	Stonewall Formation	8.50	22.00	233.2	BEZYS	12 JAN 1999			E	
GEOLOGY	Ordovician	23.80	232.80	217.9	BEZYS	12 JAN 1999				
GEOLOGY	Williams Member	23.80	6.70	217.9	BEZYS	12 JAN 1999			E	
GEOLOGY	Stony Mountain Formation	30.50	35.30	211.2	BEZYS	12 JAN 1999				
GEOLOGY	Gunton Member	30.50	10.30	211.2	BEZYS	12 JAN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	40.80	25.00	200.9	BEZYS	12 JAN 1999				
GEOLOGY	Red River Formation	65.80	154.30	175.9	BEZYS	12 JAN 1999				
GEOLOGY	upper Red River Formation	65.80	31.70	175.9	BEZYS	12 JAN 1999				
GEOLOGY	Fort Garry Member (Herald-Redvers)	65.80	31.70	175.9	BEZYS	12 JAN 1999				
GEOLOGY	lower Red River Formation	97.50	122.60	144.2	BEZYS	12 JAN 1999				
GEOLOGY	Winnipeg Formation	220.10	36.50	21.6	BEZYS	12 JAN 1999				
GEOLOGY	PRECAMBRIAN	256.60		-14.9	BEZYS	15 JUN 1993				
GEOLOGY	Final Total Depth	259.40		-17.7	BEZYS	15 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	1S0/04-01-011-04W1/00	Licence:	2317	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	S.T.H. #1 GWG Oakville	Assessment File No:		Core Desc:	N				
KB Elev:	244.91	Grnd Elev:	243.51	TVD:	164.59	Fm At TD:	Stony Mountain Formation		
UTM East:	579570.0	UTM North:	5526404.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	V								
Map Sheet:	62H 13	Storage Units:	METRIC	Updated:	22 FEB 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Ashern Formation	46.02	4.58	198.9	BEZYS	09 FEB 1999				
GEOLOGY	Silurian	50.60	76.20	194.3	BEZYS	09 FEB 1999				
GEOLOGY	Interlake Group	50.60	70.10	194.3	BEZYS	09 FEB 1999				
GEOLOGY	V-Marker	89.31		155.6	BEZYS	29 SEP 1992				
GEOLOGY	U1-Marker	111.56	1.22	133.4	BEZYS	09 FEB 1999				
GEOLOGY	Fisher Branch Formation	112.78	7.92	132.1	BEZYS	09 FEB 1999				
GEOLOGY	Stonewall Formation	120.70	17.07	124.2	BEZYS	09 FEB 1999				
GEOLOGY	Stonewall (Upper)	120.70	6.10	124.2	BEZYS	09 FEB 1999				
GEOLOGY	T-Marker	125.88	0.92	119.0	BEZYS	09 FEB 1999				
GEOLOGY	Ordovician	126.80	37.79	118.1	BEZYS	09 FEB 1999			I	
GEOLOGY	Stonewall (Lower)	126.80	10.97	118.1	BEZYS	09 FEB 1999				
GEOLOGY	Williams Member	134.11	3.66	110.8	BEZYS	09 FEB 1999				
GEOLOGY	Stony Mountain Formation	137.77	26.82	107.1	BEZYS	09 FEB 1999			I	
GEOLOGY	upper Stony Mountain Formation	137.77	12.19	107.1	BEZYS	09 FEB 1999				
GEOLOGY	lower Stony Mountain Formation	149.96	14.63	95.0	BEZYS	09 FEB 1999			I	
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	149.96	14.63	95.0	BEZYS	09 FEB 1999			I	
GEOLOGY	Final Total Depth	164.59		80.3	BEZYS	29 SEP 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/13-31-013-01W1/00	Licence:	Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-10-79 Warren	Assessment File No:					Core Desc:	N
KB Elev:	249.70	Grnd Elev:	249.70	TVD:	72.40	Fm At TD:	Stony Mountain Formation	
UTM East:	600490.0	UTM North:	5556075.0	UTM Zone:	14	Node Position:	SURFACE	Faulted: N
Map Sheet:	62I 04	Storage Units:	METRIC	Updated:	03 APR 1996	Country:	CANADA	Prov: MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	5.00	249.7	BEZYS	12 JAN 1999				
GEOLOGY	Base of Drift	5.00	5.00	244.7	BEZYS	02 OCT 1996				
GEOLOGY	Paleozoic	5.00	67.40	244.7	BEZYS	12 JAN 1999		I	E	
GEOLOGY	Silurian	5.00	49.10	244.7	BEZYS	12 JAN 1999		I	E	
GEOLOGY	Interlake Group	5.00	35.30	244.7	BEZYS	12 JAN 1999			E	
GEOLOGY	Stonewall Formation	40.30	18.80	209.4	BEZYS	12 JAN 1999			E	
GEOLOGY	Stonewall (Upper)	40.30	13.80	209.4	BEZYS	12 JAN 1999				
GEOLOGY	Ordovician	54.10	18.30	195.6	BEZYS	12 JAN 1999		I		
GEOLOGY	Stonewall (Lower)	54.10	5.00	195.6	BEZYS	12 JAN 1999				
GEOLOGY	Williams Member	54.10	5.00	195.6	BEZYS	12 JAN 1999				
GEOLOGY	Stony Mountain Formation	59.10	13.30	190.6	BEZYS	12 JAN 1999		I		
GEOLOGY	upper Stony Mountain Formation	59.10	10.80	190.6	BEZYS	12 JAN 1999				
GEOLOGY	Gunton Member	59.10	10.80	190.6	BEZYS	12 JAN 1999				
GEOLOGY	lower Stony Mountain Formation	69.90	2.50	179.8	BEZYS	12 JAN 1999		I		
GEOLOGY	Penitentiary Member	69.90	2.50	179.8	BEZYS	12 JAN 1999		I		
GEOLOGY	Final Total Depth	72.40		177.3	BEZYS	03 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				72.40					24 MAR 1993	GEOLOGY	METRIC



UWI:	102/13-31-013-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-86 Warren	Assessment File No:		Core Desc:	Y				
KB Elev:	249.70	Grnd Elev:	249.70	TVD:	72.60	Fm At TD:	Stony Mountain Formation		
UTM East:	600485.0	UTM North:	5555900.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 04	Storage Units:	METRIC	Updated:	19 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	7.40	249.7	RBSX	12 JAN 1999				
GEOLOGY	Base of Drift	7.40	7.40	242.3	RBSX	19 APR 1996				
GEOLOGY	Paleozoic	7.40	65.20	242.3	RBSX	12 JAN 1999		I	E	
GEOLOGY	Silurian	7.40	39.30	242.3	RBSX	12 JAN 1999			E	
GEOLOGY	Interlake Group	7.40	33.30	242.3	RBSX	12 JAN 1999			E	
GEOLOGY	Moose Lake Formation	7.40	25.10	242.3	RBSX	12 JAN 1999			E	
GEOLOGY	Fisher Branch Formation	32.50	8.20	217.2	RBSX	12 JAN 1999				
GEOLOGY	Stonewall Formation	40.70	19.30	209.0	RBSX	12 JAN 1999				
GEOLOGY	Stonewall (Upper)	40.70	6.00	209.0	RBSX	12 JAN 1999				
GEOLOGY	T-Marker	46.40	0.30	203.3	RBSX	12 JAN 1999				
GEOLOGY	Ordovician	46.70	25.90	203.0	RBSX	12 JAN 1999		I		
GEOLOGY	Stonewall (Lower)	46.70	13.30	203.0	RBSX	12 JAN 1999				
GEOLOGY	Williams Member	53.70	6.30	196.0	RBSX	12 JAN 1999				
GEOLOGY	Stony Mountain Formation	60.00	12.60	189.7	RBSX	12 JAN 1999		I		
GEOLOGY	upper Stony Mountain Formation	60.00	10.60	189.7	RBSX	12 JAN 1999				
GEOLOGY	Gunton Member	60.00	10.60	189.7	RBSX	12 JAN 1999				
GEOLOGY	lower Stony Mountain Formation	70.60	2.00	179.1	RBSX	12 JAN 1999		I		
GEOLOGY	Penitentiary Member	70.60	2.00	179.1	RBSX	12 JAN 1999		I		
GEOLOGY	Final Total Depth	72.60		177.1	RBSX	19 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				72.60					22 MAR 1993	GEOLOGY	METRIC



UWI:	100/16-36-013-29W1/00	Licence:	1227	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Wilson Woodlands Prov.				Assessment File No:	Core Desc: Y			
KB Elev:	272.92	Grnd Elev:	270.40	TVD:	326.14	Fm At TD:	PRECAMBRIAN		
UTM East:	590129.0	UTM North:	5565791.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62I 04	Storage Units:	METRIC	Updated:	23 JUN 1999	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	39.62	272.9	RBHRM	23 JUN 1999				
GEOLOGY	Base of Drift	39.62	39.62	233.3	RBHRM	23 JUN 1999				
GEOLOGY	Paleozoic	39.62	282.55	233.3	RBHRM	23 JUN 1999			E	
GEOLOGY	Silurian	39.62	61.88	233.3	RBHRM	23 JUN 1999			E	
GEOLOGY	Interlake Group	39.62	47.55	233.3	RBHRM	23 JUN 1999			E	
GEOLOGY	Stonewall Formation	87.17	14.32	185.8	RBHRM	23 JUN 1999			E	
GEOLOGY	Ordovician	101.50	220.67	171.4	RBHRM	23 JUN 1999				
GEOLOGY	Stony Mountain Formation	101.50	38.71	171.4	RBHRM	23 JUN 1999				
GEOLOGY	upper Stony Mountain Formation	101.50	14.02	171.4	RBHRM	23 JUN 1999				
GEOLOGY	Gunton Member	101.50	14.02	171.4	RBHRM	23 JUN 1999				
GEOLOGY	lower Stony Mountain Formation	115.52	24.69	157.4	RBHRM	23 JUN 1999				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	115.52	24.69	157.4	RBHRM	23 JUN 1999				
GEOLOGY	Red River Formation	140.21	145.69	132.7	RBHRM	23 JUN 1999				
GEOLOGY	upper Red River Formation	140.21	15.19	132.7	BEZYS	23 JUN 1999				
GEOLOGY	Fort Garry Member (Herald-Redvers)	140.21	15.19	132.7	BEZYS	23 JUN 1999				
GEOLOGY	lower Red River Formation	155.40	130.50	117.5	BEZYS	23 JUN 1999				
GEOLOGY	Winnipeg Formation	285.90	36.27	-13.0	RBHRM	23 JUN 1999				
GEOLOGY	PRECAMBRIAN (Weathered)	322.17	0.00	-49.3	RBHRM	23 JUN 1999				
GEOLOGY	PRECAMBRIAN	322.17		-49.3	RBHRM	23 JUN 1999				
GEOLOGY	Final Total Depth	326.14		-53.2	RBHRM	23 JUN 1999				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/15-35-014-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	69-02, Woodroyd	Assessment File No:		Core Desc:	N				
KB Elev:	264.60	Grnd Elev:	264.60	TVD:	153.90	Fm At TD:	Red River Formation		
UTM East:	607621.0	UTM North:	5566250.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:									
Map Sheet:	62I 03	Storage Units:	METRIC	Updated:	28 NOV 2000	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	18.30	264.6	MCCABE	12 JAN 1999				
GEOLOGY	Base of Drift	18.30	18.30	246.3	MCCABE	09 OCT 1998				
GEOLOGY	Paleozoic	18.30	135.60	246.3	MCCABE	18 JUL 1994		I	E	
GEOLOGY	Silurian	18.30	18.30	246.3	MCCABE	05 JUL 1994			E	
GEOLOGY	Interlake Group	18.30	12.20	246.3	MCCABE	05 JUL 1994			E	
GEOLOGY	Fisher Branch Formation	18.30	12.20	246.3	MCCABE	09 OCT 1998				
GEOLOGY	Stonewall Formation	30.50	16.40	234.1	MCCABE	21 JUN 1993				
GEOLOGY	T-Marker	34.70	1.90	229.9	MCCABE	12 JAN 1999				
GEOLOGY	Ordovician	36.60	117.30	228.0	MCCABE	12 JAN 1999		I		
GEOLOGY	Stonewall (Lower)	36.60	10.30	228.0	MCCABE	09 OCT 1998				
GEOLOGY	Williams Member	39.90	7.00	224.7	MCCABE	21 JUN 1993				
GEOLOGY	Stony Mountain Formation	46.90	33.30	217.7	MCCABE	09 OCT 1998				
GEOLOGY	Guntion Member	46.90	10.70	217.7	MCCABE	21 JUN 1993				
GEOLOGY	Penitentiary Member	57.60	22.60	207.0	MCCABE	21 JUN 1993				
GEOLOGY	Red River Formation	80.20	73.70	184.4	MCCABE	30 JUN 1994		I		
GEOLOGY	upper Red River Formation	80.20	42.00	184.4	MCCABE	21 JUN 1993				
GEOLOGY	Fort Garry Member (Herald-Redvers)	80.20	42.00	184.4	MCCABE	21 JUN 1993				
GEOLOGY	lower Red River Formation	122.20	31.70	142.4	MCCABE	30 JUN 1994		I		
GEOLOGY	Selkirk Member	122.20	31.70	142.4	MCCABE	09 OCT 1998		I		
GEOLOGY	Final Total Depth	153.90		110.7	MCCABE	21 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				153.90					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/04-06-015-02W1/00	Licence:	1660	Class:	OIL AND GAS	Source:	GEOLOGY	Confidential:	N
Well Name:	Chevron Woodlands Prov.				Assessment File No:	Core Desc: Y			
KB Elev:	271.03	Grnd Elev:	267.86	TVD:	319.74	Fm At TD: PRECAMBRIAN (Weathered)			
UTM East:	590265.0	UTM North:	5566167.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Map Sheet:	62I 04	Storage Units:	METRIC	Updated:	07 DEC 1992	Country:	CANADA	Prov:	MANITOBA
Deviation: V									

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	46.94	271.0	BEZYS	18 JAN 1999				
GEOLOGY	Base of Drift	46.94	46.94	224.1	BEZYS	09 NOV 1998				
GEOLOGY	Paleozoic	46.94	271.27	224.1	BEZYS	09 NOV 1998			E	
GEOLOGY	Silurian	46.94	44.50	224.1	BEZYS	09 NOV 1998			E	
GEOLOGY	Interlake Group	46.94	37.79	224.1	BEZYS	09 NOV 1998			E	
GEOLOGY	V-Marker	54.86		216.2	BEZYS	08 JUN 1993				
GEOLOGY	U1-Marker	70.71	0.61	200.3	BEZYS	09 NOV 1998				
GEOLOGY	Fisher Branch Formation	71.32	13.41	199.7	BEZYS	09 NOV 1998				
GEOLOGY	Stonewall Formation	84.73	19.52	186.3	BEZYS	09 NOV 1998				
GEOLOGY	Stonewall (Upper)	84.73	6.71	186.3	BEZYS	09 NOV 1998				
GEOLOGY	T-Marker	89.92	6.71	181.1	BEZYS	09 NOV 1998				
GEOLOGY	Ordovician	91.44	226.77	179.6	BEZYS	09 NOV 1998				
GEOLOGY	Stonewall (Lower)	91.44	12.81	179.6	BEZYS	09 NOV 1998				
GEOLOGY	Williams Member	99.06	5.19	172.0	BEZYS	09 NOV 1998				
GEOLOGY	Stony Mountain Formation	104.25	33.52	166.8	BEZYS	09 NOV 1998				
GEOLOGY	upper Stony Mountain Formation	104.25	9.14	166.8	BEZYS	09 NOV 1998				
GEOLOGY	Gunton Member	104.25	9.14	166.8	BEZYS	09 NOV 1998				
GEOLOGY	lower Stony Mountain Formation	113.39	24.38	157.6	BEZYS	09 NOV 1998				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	113.39	24.38	157.6	BEZYS	09 NOV 1998				
GEOLOGY	Red River Formation	137.77	148.44	133.3	BEZYS	09 NOV 1998				
GEOLOGY	upper Red River Formation	137.77	48.73	133.3	BEZYS	09 NOV 1998				
GEOLOGY	Fort Garry Member (Herald-Redvers)	137.77	48.73	133.3	BEZYS	09 NOV 1998				
GEOLOGY	Redvers	137.77	3.96	133.3	BEZYS	09 NOV 1998				
GEOLOGY	Coronach	141.73	12.50	129.3	BEZYS	09 NOV 1998				
GEOLOGY	Lake Alma	154.23	13.72	116.8	BEZYS	09 NOV 1998				
GEOLOGY	Unit C (top Yeoman)	167.95	18.55	103.1	BEZYS	09 NOV 1998				
GEOLOGY	lower Red River Formation	186.50	99.71	84.5	BEZYS	09 NOV 1998				
GEOLOGY	Unit B	186.50	88.73	84.5	BEZYS	09 NOV 1998				
GEOLOGY	Selkirk Member	186.50	42.71	84.5	BEZYS	09 NOV 1998				
GEOLOGY	Cat Head Member	229.21	12.50	41.8	BEZYS	09 NOV 1998				
GEOLOGY	Dog Head Member	241.71	33.52	29.3	BEZYS	09 NOV 1998				
GEOLOGY	Hecla Beds (Unit A)	275.23	10.98	-4.2	BEZYS	09 NOV 1998				
GEOLOGY	Winnipeg Formation	286.21	32.00	-15.2	BEZYS	09 NOV 1998				
GEOLOGY	PRECAMBRIAN (Weathered)	318.21	1.53	-47.2	BEZYS	09 NOV 1998			I	
GEOLOGY	Final Total Depth	319.74		-48.7	BEZYS	24 JUL 1992				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
1		103.00	110.60	7.60	5	119	3		21 FEB 1996	GEOLOGY	METRIC
2		139.60	148.40	8.80	5	119	3		21 FEB 1996	GEOLOGY	METRIC
3		148.40	163.70	15.30	9	119	3		21 FEB 1996	GEOLOGY	METRIC
4		163.70	168.90	5.20	4	119	3		21 FEB 1996	GEOLOGY	METRIC
5		170.40	185.60	15.20	9	119	4		21 FEB 1996	GEOLOGY	METRIC
6		185.60	194.80	9.20	6	119	4		21 FEB 1996	GEOLOGY	METRIC
7		228.60	243.80	15.20	9	119	4		21 FEB 1996	GEOLOGY	METRIC



UWI:	100/13-32-017-02W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-88 Inwood W.	Assessment File No:		Core Desc:	Y				
KB Elev:	262.00	Grnd Elev:	262.00	TVD:	93.40	Fm At TD:	Stony Mountain Formation		
UTM East:	591290.0	UTM North:	5595385.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	21 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	7.00	262.0	RBSX	18 JAN 1999				
GEOLOGY	Base of Drift	7.00	7.00	255.0	RBSX	21 APR 1996				
GEOLOGY	Paleozoic	7.00	86.50	255.0	RBSX	18 JAN 1999		I	E	
GEOLOGY	Silurian	7.00	53.20	255.0	RBSX	18 JAN 1999			E	
GEOLOGY	Interlake Group	7.00	47.00	255.0	RBSX	18 JAN 1999			E	
GEOLOGY	Cedar Lake Formation	7.00	11.00	255.0	RBSX	18 JAN 1999			E	
GEOLOGY	East Arm Formation	18.00	8.30	244.0	RBSX	18 JAN 1999				
GEOLOGY	U2-Marker	26.30	1.70	235.7	RBSX	18 JAN 1999				
GEOLOGY	Atikameg Formation	28.00	14.50	234.0	RBSX	18 JAN 1999				
GEOLOGY	U1-Marker	42.50	1.00	219.5	RBSX	18 JAN 1999				
GEOLOGY	Fisher Branch Formation	43.50	10.50	218.5	RBSX	18 JAN 1999				
GEOLOGY	Stonewall Formation	54.00	18.20	208.0	RBSX	18 JAN 1999				
GEOLOGY	Stonewall (Upper)	54.00	6.20	208.0	RBSX	18 JAN 1999				
GEOLOGY	T-Marker	59.60	0.60	202.4	RBSX	18 JAN 1999				
GEOLOGY	Ordovician	60.20	33.30	201.8	RBSX	18 JAN 1999		I		
GEOLOGY	Stonewall (Lower)	60.20	12.00	201.8	RBSX	18 JAN 1999				
GEOLOGY	Williams Member	63.90	8.30	198.1	RBSX	18 JAN 1999				
GEOLOGY	Stony Mountain Formation	72.20	21.30	189.8	RBSX	18 JAN 1999		I		
GEOLOGY	upper Stony Mountain Formation	72.20	9.30	189.8	RBSX	18 JAN 1999				
GEOLOGY	Gunton Member	72.20	9.30	189.8	RBSX	18 JAN 1999				
GEOLOGY	lower Stony Mountain Formation	81.50	12.00	180.5	RBSX	18 JAN 1999		I		
GEOLOGY	Penitentiary Member	81.50	12.00	180.5	RBSX	18 JAN 1999		I		
GEOLOGY	Final Total Depth	93.50		168.5	RBSX	21 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				93.40	27	102	4		08 MAR 1994	GEOLOGY	METRIC



UWI:	100/13-03-018-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-20-90, West of Inwood	Assessment File No:		Core Desc:	Y				
KB Elev:	275.80	Grnd Elev:	275.80	TVD:	29.70	Fm At TD:	Fisher Branch Formation		
UTM East:	604275.0	UTM North:	5597375.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	20 NOV 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	2.20	275.8	BEZYS	12 JAN 1999				
GEOLOGY	Base of Drift	2.20	2.20	273.6	BEZYS	20 NOV 1998				
GEOLOGY	Paleozoic	2.20	27.50	273.6	BEZYS	20 NOV 1998		I	E	
GEOLOGY	Silurian	2.20	27.50	273.6	BEZYS	20 NOV 1998		I	E	
GEOLOGY	Interlake Group	2.20	27.50	273.6	BEZYS	20 NOV 1998		I	E	
GEOLOGY	Atikameg Formation	2.20	5.00	273.6	BEZYS	20 NOV 1998			E	
GEOLOGY	Moose Lake Formation	7.20	9.80	268.6	BEZYS	20 NOV 1998				
GEOLOGY	Fisher Branch Formation	17.00	12.70	258.8	BEZYS	20 NOV 1998		I		
GEOLOGY	Final Total Depth	29.70		246.1	BEZYS	20 NOV 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				29.70					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/04-11-018-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-02-88, Inwood Quarry	Assessment File No:		Core Desc:	Y				
KB Elev:	273.40	Grnd Elev:	273.40	TVD:	81.20	Fm At TD:	Red River Formation		
UTM East:	606100.0	UTM North:	5597720.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 11	Storage Units:	METRIC	Updated:	14 JUN 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	273.4	MCCABE	12 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	273.4	MCCABE	12 JAN 1999				
GEOLOGY	Paleozoic	0.00	81.20	273.4	MCCABE	14 JUN 1993		I		
GEOLOGY	Silurian	0.00	37.00	273.4	MCCABE	05 JUL 1994			E	
GEOLOGY	Interlake Group	0.00	29.70	273.4	MCCABE	05 JUL 1994			E	
GEOLOGY	Moose Lake Formation	0.00	14.35	273.4	MCCABE	14 JUN 1993				
GEOLOGY	U1-Marker	14.35	0.25	259.1	MCCABE	29 OCT 1998				
GEOLOGY	Fisher Branch Formation	14.60	15.10	258.8	MCCABE	29 OCT 1998				
GEOLOGY	Stonewall Formation	29.70	15.00	243.7	MCCABE	14 JUN 1993				
GEOLOGY	T-Marker	35.50	1.50	237.9	MCCABE	29 OCT 1998				
GEOLOGY	Ordovician	37.00	44.20	236.4	MCCABE	29 OCT 1998		I		
GEOLOGY	Stonewall (Lower)	37.00	7.70	236.4	MCCABE	29 OCT 1998				
GEOLOGY	Williams Member	38.90	5.80	234.5	MCCABE	24 OCT 1994				
GEOLOGY	Stony Mountain Formation	44.70	35.40	228.7	MCCABE	14 JUN 1993				
GEOLOGY	Gunton Member	44.70	12.90	228.7	MCCABE	24 OCT 1994				
GEOLOGY	Penitentiary Member	57.60	10.90	215.8	MCCABE	24 OCT 1994				
GEOLOGY	Gunn Member (Stony Mountain Shale Member)	68.50	11.60	204.9	MCCABE	24 OCT 1994				
GEOLOGY	Red River Formation	80.10	1.10	193.3	MCCABE	05 JUL 1994		I		
GEOLOGY	upper Red River Formation	80.10	1.10	193.3	MCCABE	05 JUL 1994		I		
GEOLOGY	Fort Garry Member (Herald-Redvers)	80.10	1.10	193.3	MCCABE	05 JUL 1994		I		
GEOLOGY	Final Total Depth	81.20		192.2	MCCABE	14 JUN 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				81.20	25	118	7		08 MAR 1994	GEOLOGY	METRIC



UWI:	102/04-11-018-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-04-69, Inwood Quarry	Assessment File No:		Core Desc:	Y				
KB Elev:	271.30	Grnd Elev:	271.30	TVD:	36.60	Fm At TD:	Stony Mountain Formation		
UTM East:	606150.0	UTM North:	5597775.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	17 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	271.3	BEZYS	12 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	271.3	BEZYS	17 APR 1996				
GEOLOGY	Paleozoic	0.00	36.60	271.3	BEZYS	28 OCT 1998		I	E	
GEOLOGY	Silurian	0.00	30.80	271.3	BEZYS	28 OCT 1998			E	
GEOLOGY	Interlake Group	0.00	21.10	271.3	BEZYS	28 OCT 1998			E	
GEOLOGY	Moose Lake Formation	0.00	2.70	271.3	BEZYS	28 OCT 1998			E	
GEOLOGY	U1-Marker	2.10	0.60	269.2	BEZYS	12 JAN 1999				
GEOLOGY	Fisher Branch Formation	2.70	18.40	268.6	BEZYS	28 OCT 1998				
GEOLOGY	Stonewall Formation	21.10	14.30	250.2	BEZYS	28 OCT 1998				
GEOLOGY	Stonewall (Upper)	21.10	9.70	250.2	BEZYS	28 OCT 1998				
GEOLOGY	T-Marker	27.50	3.30	243.8	BEZYS	12 JAN 1999				
GEOLOGY	Ordovician	30.80	5.80	240.5	BEZYS	28 OCT 1998		I		
GEOLOGY	Stonewall (Lower)	30.80	5.80	240.5	BEZYS	28 OCT 1998				
GEOLOGY	Williams Member	32.30	3.10	239.0	BEZYS	28 OCT 1998				
GEOLOGY	Stony Mountain Formation	35.40	1.20	235.9	BEZYS	28 OCT 1998		I		
GEOLOGY	upper Stony Mountain Formation	35.40	1.20	235.9	BEZYS	28 OCT 1998		I		
GEOLOGY	Gunton Member	35.40	1.20	235.9	BEZYS	28 OCT 1998		I		
GEOLOGY	Final Total Depth	36.60		234.7	BEZYS	28 OCT 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				39.30					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/08-14-018-02W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-05-70 Inwood W	Assessment File No:		Core Desc:	Y				
KB Elev:	266.70	Grnd Elev:	266.70	TVD:	18.30	Fm At TD:	Interlake Group		
UTM East:	597275.0	UTM North:	5599400.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	03 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	266.7	BEZYS	18 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	266.7	BEZYS	02 MAY 1996				
GEOLOGY	Paleozoic	0.00	18.30	266.7	BEZYS	18 JAN 1999		I	E	
GEOLOGY	Silurian	0.00	18.30	266.7	BEZYS	18 JAN 1999		I	E	
GEOLOGY	Interlake Group	0.00	18.30	266.7	BEZYS	18 JAN 1999		I	E	
GEOLOGY	Moose Lake Formation	0.00	11.60	266.7	BEZYS	18 JAN 1999		I	E	
GEOLOGY	U1-Marker	11.60	0.30	255.1	BEZYS	18 JAN 1999				
GEOLOGY	Fisher Branch Formation	11.90	6.40	254.8	BEZYS	18 JAN 1999		I		
GEOLOGY	Final Total Depth	18.30		248.4	BEZYS	03 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				18.30					24 MAR 1993	GEOLOGY	METRIC



UWI:	100/03-03-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-31-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	277.90	Grnd Elev:	277.90	TVD:	20.50	Fm At TD:	Stonewall Formation		
UTM East:	604880.0	UTM North:	5605740.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	3.00	277.9	RBBJ	12 JAN 1999				
GEOLOGY	Base of Drift	3.00	3.00	274.9	RBBJ	12 JAN 1999				
GEOLOGY	Paleozoic	3.00	17.50	274.9	RBBJ	12 JAN 1999		I	E	
GEOLOGY	Silurian	3.00	17.50	274.9	RBBJ	12 JAN 1999		I	E	
GEOLOGY	Interlake Group	3.00	16.40	274.9	RBBJ	12 JAN 1999		I	E	
GEOLOGY	Moose Lake Formation	3.00	1.20	274.9	RBBJ	12 JAN 1999			E	
GEOLOGY	U1-Marker	4.20	0.50	273.7	RBBJ	12 JAN 1999				
GEOLOGY	Fisher Branch Formation	4.70	14.70	273.2	RBBJ	12 JAN 1999				
GEOLOGY	Stonewall Formation	19.40	1.10	258.5	RBBJ	12 JAN 1999		I		
GEOLOGY	Final Total Depth	20.50		257.4	RBBJ	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				20.50	6	103	4		11 MAR 1994	GEOLOGY	METRIC



UWI:	100/05-03-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-28-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	277.50	Grnd Elev:	277.50	TVD:	19.50	Fm At TD:	Stonewall Formation		
UTM East:	604090.0	UTM North:	5606300.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	2.00	277.5	RBJB	14 JAN 1999		I	E	
GEOLOGY	Base of Drift	2.00	2.00	275.5	RBJB	14 JAN 1999		I	E	
GEOLOGY	Paleozoic	2.00	17.50	275.5	RBJB	14 JAN 1999		I	E	
GEOLOGY	Silurian	2.00	17.50	275.5	RBJB	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	2.00	16.20	275.5	RBJB	14 JAN 1999		I	E	
GEOLOGY	Fisher Branch Formation	2.00	16.20	275.5	RBJB	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	18.20	1.30	259.3	RBJB	14 JAN 1999		I		
GEOLOGY	Final Total Depth	19.50		258.0	RBJB	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				19.50					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/07-03-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-32-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	278.50	Grnd Elev:	278.50	TVD:	21.20	Fm At TD:	Stonewall Formation		
UTM East:	604950.0	UTM North:	5606440.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
								Deviation:	N
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	278.5	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Base of Drift	0.00	0.00	278.5	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Paleozoic	0.00	21.20	278.5	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Silurian	0.00	21.20	278.5	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	0.00	17.30	278.5	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Fisher Branch Formation	0.00	17.30	278.5	RBBJ	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	17.30	3.90	261.2	RBBJ	14 JAN 1999		I		
GEOLOGY	Final Total Depth	21.20		257.3	RBBJ	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				21.20					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/01-04-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-29-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	279.30	Grnd Elev:	279.30	TVD:	22.00	Fm At TD:	Stonewall Formation		
UTM East:	604060.0	UTM North:	5605700.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	2.30	279.3	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Base of Drift	2.30	2.30	277.0	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Paleozoic	2.30	19.70	277.0	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Silurian	2.30	19.70	277.0	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	2.30	18.90	277.0	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Moose Lake Formation	2.30	3.20	277.0	RBBJ	14 JAN 1999			E	
GEOLOGY	U1-Marker	5.50	0.40	273.8	RBBJ	14 JAN 1999				
GEOLOGY	Fisher Branch Formation	5.90	15.30	273.4	RBBJ	14 JAN 1999				
GEOLOGY	Stonewall Formation	21.20	0.80	258.1	RBBJ	14 JAN 1999		I		
GEOLOGY	Final Total Depth	22.00		257.3	RBBJ	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				22.00					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/02-04-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-30-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	276.10	Grnd Elev:	276.10	TVD:	12.80	Fm At TD:	Fisher Branch Formation		
UTM East:	603300.0	UTM North:	5605700.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	1.30	276.1	RBJB	14 JAN 1999		I	E	
GEOLOGY	Base of Drift	1.30	1.30	274.8	RBJB	14 JAN 1999		I	E	
GEOLOGY	Paleozoic	1.30	11.50	274.8	RBJB	14 JAN 1999		I	E	
GEOLOGY	Silurian	1.30	11.50	274.8	RBJB	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	1.30	11.50	274.8	RBJB	14 JAN 1999		I	E	
GEOLOGY	Moose Lake Formation	1.30	5.90	274.8	RBJB	14 JAN 1999			E	
GEOLOGY	U1-Marker	7.20	0.30	268.9	RBJB	14 JAN 1999				
GEOLOGY	Fisher Branch Formation	7.50	5.30	268.6	RBJB	14 JAN 1999		I		
GEOLOGY	Final Total Depth	12.80		263.3	RBJB	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				12.80					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/01-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-18-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	276.80	Grnd Elev:	276.80	TVD:	15.90	Fm At TD:	Stonewall Formation		
UTM East:	605670.0	UTM North:	5607360.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	2.50	276.8	JBRB	14 JAN 1999		I	E	
GEOLOGY	Base of Drift	2.50	2.50	274.3	JBRB	14 JAN 1999		I	E	
GEOLOGY	Paleozoic	2.50	13.40	274.3	JBRB	14 JAN 1999		I	E	
GEOLOGY	Silurian	2.50	13.40	274.3	JBRB	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	2.50	11.30	274.3	JBRB	14 JAN 1999		I	E	
GEOLOGY	Fisher Branch Formation	2.50	11.30	274.3	JBRB	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	13.80	2.10	263.0	JBRB	14 JAN 1999		I		
GEOLOGY	Final Total Depth	15.90		260.9	JBRB	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				15.90	9	102	1		09 FEB 1996	GEOLOGY	METRIC



UWI:	100/02-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-13-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	276.70	Grnd Elev:	276.70	TVD:	16.00	Fm At TD:	Stonewall Formation		
UTM East:	604875.0	UTM North:	5607350.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	276.7	RBBJ	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	276.7	RBBJ	14 JAN 1999				
GEOLOGY	Paleozoic	0.00	16.00	276.7	RBBJ	14 JAN 1999				
GEOLOGY	Silurian	0.00	16.00	276.7	RBBJ	14 JAN 1999			E	
GEOLOGY	Interlake Group	0.00	14.50	276.7	RBBJ	14 JAN 1999			E	
GEOLOGY	Fisher Branch Formation	0.00	13.00	276.7	RBBJ	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	14.50	1.50	262.2	RBBJ	14 JAN 1999		I		
GEOLOGY	Stonewall Formation	13.00	0.50	263.7	RBBJ	14 JAN 1999				
GEOLOGY	T-Marker	13.50	1.00	263.2	RBBJ	14 JAN 1999				
GEOLOGY	Ordovician	14.50	1.50	262.2	RBBJ	14 JAN 1999		I		
GEOLOGY	Final Total Depth	16.00		260.7	RBBJ	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				16.00	5	103	3		09 MAR 1994	GEOLOGY	METRIC



UWI:	100/03-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-14-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	275.40	Grnd Elev:	275.40	TVD:	15.90	Fm At TD:	Stonewall Formation		
UTM East:	604475.0	UTM North:	5607350.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	02 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.50	275.4	RBBJ	14 JAN 1999			E	
GEOLOGY	Base of Drift	0.50	0.50	274.9	RBBJ	14 JAN 1999			E	
GEOLOGY	Paleozoic	0.50	15.40	274.9	RBBJ	14 JAN 1999			E	
GEOLOGY	Silurian	0.50	13.40	274.9	RBBJ	14 JAN 1999			E	
GEOLOGY	Interlake Group	0.50	11.80	274.9	RBBJ	14 JAN 1999			E	
GEOLOGY	Fisher Branch Formation	0.50	11.80	274.9	RBBJ	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	12.30	3.60	263.1	RBBJ	14 JAN 1999				
GEOLOGY	Stonewall (Upper)	12.30	0.50	263.1	RBBJ	14 JAN 1999				
GEOLOGY	T-Marker	12.80	1.10	262.6	RBBJ	14 JAN 1999				
GEOLOGY	Ordovician	13.90	2.00	261.5	RBBJ	14 JAN 1999			I	
GEOLOGY	Stonewall (Lower)	13.90	2.00	261.5	RBBJ	14 JAN 1999			I	
GEOLOGY	Final Total Depth	15.90		259.5	RBBJ	02 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				15.90		103	4		09 MAR 1994	GEOLOGY	METRIC



UWI:	100/04-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-15-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	276.80	Grnd Elev:	276.80	TVD:	15.90	Fm At TD:	Stonewall Formation		
UTM East:	604050.0	UTM North:	5607350.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	02 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.30	276.8	RBBJ	14 JAN 1999				
GEOLOGY	Base of Drift	0.30	0.30	276.5	RBBJ	14 JAN 1999				
GEOLOGY	Paleozoic	0.30	15.60	276.5	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Silurian	0.30	15.60	276.5	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	0.30	12.90	276.5	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Fisher Branch Formation	0.30	12.90	276.5	RBBJ	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	13.20	2.70	263.6	RBBJ	14 JAN 1999		I		
GEOLOGY	Final Total Depth	15.90		260.9	RBBJ	02 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				15.90	5	103	4		10 MAR 1994	GEOLOGY	METRIC



UWI:	100/05-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-25-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	274.90	Grnd Elev:	274.90	TVD:	15.80	Fm At TD:	Stonewall Formation		
UTM East:	604410.0	UTM North:	5608080.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
								Deviation:	N
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	274.9	RBJB	14 JAN 1999		I	E	
GEOLOGY	Base of Drift	0.00	0.00	274.9	RBJB	14 JAN 1999		I	E	
GEOLOGY	Paleozoic	0.00	15.80	274.9	RBJB	14 JAN 1999		I	E	
GEOLOGY	Silurian	0.00	15.80	274.9	RBJB	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	0.00	10.90	274.9	RBJB	14 JAN 1999		I	E	
GEOLOGY	Fisher Branch Formation	0.00	10.90	274.9	RBJB	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	10.90	4.90	264.0	RBJB	14 JAN 1999		I		
GEOLOGY	Final Total Depth	15.80		259.1	RBJB	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				15.80	5	101	7		11 MAR 1994	GEOLOGY	METRIC



UWI:	102/05-10-019-01W1-00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-16-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	276.20	Grnd Elev:	276.20	TVD:	14.40	Fm At TD:	Stonewall Formation		
UTM East:	604050.0	UTM North:	5607750.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	02 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	1.20	276.2	RBJB	14 JAN 1999				
GEOLOGY	Base of Drift	1.20	1.20	275.0	RBJB	14 JAN 1999				
GEOLOGY	Paleozoic	1.20	13.20	275.0	RBJB	14 JAN 1999		I	E	
GEOLOGY	Silurian	1.20	13.20	275.0	RBJB	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	1.20	10.70	275.0	RBJB	14 JAN 1999		I	E	
GEOLOGY	Fisher Branch Formation	1.20	10.70	275.0	RBJB	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	11.90	2.50	264.3	RBJB	14 JAN 1999		I		
GEOLOGY	T-Marker	13.60	0.80	262.6	RBJB	14 JAN 1999				
GEOLOGY	Final Total Depth	14.40		261.8	RBJB	02 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				14.40	4	101	7		10 MAR 1994	GEOLOGY	METRIC



UWI:	100/07-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-26-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	275.20	Grnd Elev:	275.20	TVD:	9.90	Fm At TD:	Stonewall Formation		
UTM East:	604870.0	UTM North:	5608100.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	3.40	275.2	RBBJ	14 JAN 1999				
GEOLOGY	Base of Drift	3.40	3.40	271.8	RBBJ	14 JAN 1999				
GEOLOGY	Paleozoic	3.40	6.50	271.8	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Silurian	3.40	6.50	271.8	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	3.40	5.40	271.8	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Fisher Branch Formation	3.40	5.40	271.8	RBBJ	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	8.80	1.10	266.4	RBBJ	14 JAN 1999		I		
GEOLOGY	Final Total Depth	9.90		265.3	RBBJ	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				9.90	3	101	7		11 MAR 1994	GEOLOGY	METRIC



UWI:	102/07-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-27-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	275.80	Grnd Elev:	275.80	TVD:	46.40	Fm At TD:	Stony Mountain Formation		
UTM East:	604920.0	UTM North:	5607750.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	275.8	RBJB	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	275.8	RBJB	14 JAN 1999				
GEOLOGY	Paleozoic	0.00	46.40	275.8	RBJB	14 JAN 1999		I	E	
GEOLOGY	Silurian	0.00	19.00	275.8	RBJB	14 JAN 1999			E	
GEOLOGY	Interlake Group	0.00	11.80	275.8	RBJB	14 JAN 1999			E	
GEOLOGY	Fisher Branch Formation	0.00	11.80	275.8	RBJB	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	11.80	20.90	264.0	RBJB	14 JAN 1999				
GEOLOGY	T-Marker	18.00	1.00	257.8	RBJB	14 JAN 1999				
GEOLOGY	Ordovician	19.00	27.40	256.8	RBJB	14 JAN 1999		I		
GEOLOGY	Stonewall (Lower)	19.00	13.70	256.8	RBJB	14 JAN 1999				
GEOLOGY	Williams Member	28.30	4.40	247.5	RBJB	14 JAN 1999				
GEOLOGY	Stony Mountain Formation	32.70	13.70	243.1	RBJB	14 JAN 1999		I		
GEOLOGY	Gunton Member	32.70	9.30	243.1	RBJB	14 JAN 1999				
GEOLOGY	Penitentiary Member	42.00	4.40	233.8	RBJB	14 JAN 1999		I		
GEOLOGY	Final Total Depth	46.40		229.4	RBJB	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				46.40					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/08-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-19-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	276.80	Grnd Elev:	276.80	TVD:	16.00	Fm At TD:	Stonewall Formation		
UTM East:	605670.0	UTM North:	5607750.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	276.8	RBBJ	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	276.8	RBBJ	14 JAN 1999				
GEOLOGY	Paleozoic	0.00	16.00	276.8	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Silurian	0.00	16.00	276.8	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	0.00	12.80	276.8	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Fisher Branch Formation	0.00	12.80	276.8	RBBJ	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	12.80	3.20	264.0	RBBJ	14 JAN 1999		I		
GEOLOGY	Final Total Depth	16.00		260.8	RBBJ	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				16.00	5	103	1		10 MAR 1994	GEOLOGY	METRIC



UWI:	102/08-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-20-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	276.20	Grnd Elev:	276.20	TVD:	15.80	Fm At TD:	Stonewall Formation		
UTM East:	605660.0	UTM North:	5608170.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	3.00	276.2	RBBB	14 JAN 1999				
GEOLOGY	Base of Drift	3.00	3.00	273.2	RBBB	14 JAN 1999				
GEOLOGY	Paleozoic	3.00	12.80	273.2	RBBB	14 JAN 1999		I	E	
GEOLOGY	Silurian	3.00	11.60	273.2	RBBB	14 JAN 1999			E	
GEOLOGY	Interlake Group	3.00	4.30	273.2	RBBB	14 JAN 1999			E	
GEOLOGY	Fisher Branch Formation	3.00	4.30	273.2	RBBB	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	7.30	8.50	268.9	RBBB	14 JAN 1999				
GEOLOGY	T-Marker	14.30	0.30	261.9	RBBB	14 JAN 1999				
GEOLOGY	Ordovician	14.60	1.20	261.6	RBBB	14 JAN 1999		I		
GEOLOGY	Stonewall (Lower)	14.60	1.20	261.6	RBBB	14 JAN 1999		I		
GEOLOGY	Final Total Depth	15.80		260.4	RBBB	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				15.80	5	103	1		10 MAR 1994	GEOLOGY	METRIC



UWI:	100/09-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-21-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	274.90	Grnd Elev:	274.90	TVD:	15.90	Fm At TD:	Stonewall Formation		
UTM East:	605560.0	UTM North:	5608560.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	2.80	274.9	RBBJ	14 JAN 1999				
GEOLOGY	Base of Drift	2.80	2.80	272.1	RBBJ	14 JAN 1999				
GEOLOGY	Paleozoic	2.80	13.10	272.1	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Silurian	2.80	10.20	272.1	RBBJ	14 JAN 1999			E	
GEOLOGY	Interlake Group	2.80	3.20	272.1	RBBJ	14 JAN 1999			E	
GEOLOGY	Fisher Branch Formation	2.80	3.20	272.1	RBBJ	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	6.00	9.90	268.9	RBBJ	14 JAN 1999				
GEOLOGY	T-Marker	11.90	1.10	263.0	RBBJ	14 JAN 1999				
GEOLOGY	Ordovician	13.00	2.90	261.9	RBBJ	14 JAN 1999		I		
GEOLOGY	Stonewall (Lower)	13.00	2.90	261.9	RBBJ	14 JAN 1999		I		
GEOLOGY	Final Total Depth	15.90		259.0	RBBJ	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				15.90	5	103	1		10 MAR 1994	GEOLOGY	METRIC



UWI:	100/12-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-17-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	275.50	Grnd Elev:	275.50	TVD:	14.60	Fm At TD:	Stonewall Formation		
UTM East:	604050.0	UTM North:	5608000.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	02 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	275.5	RBJB	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	275.5	RBJB	14 JAN 1999				
GEOLOGY	Paleozoic	0.00	14.60	275.5	RBJB	14 JAN 1999		I	E	
GEOLOGY	Silurian	0.00	14.60	275.5	RBJB	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	0.00	13.10	275.5	RBJB	14 JAN 1999		I	E	
GEOLOGY	Fisher Branch Formation	0.00	13.10	275.5	RBJB	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	13.10	1.50	262.4	RBJB	14 JAN 1999		I		
GEOLOGY	Final Total Depth	14.60		260.9	RBJB	02 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				14.60	4	101	7		10 MAR 1994	GEOLOGY	METRIC



UWI:	100/13-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-24-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	272.80	Grnd Elev:	272.80	TVD:	20.80	Fm At TD:	Stonewall Formation		
UTM East:	604420.0	UTM North:	5608920.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	2.00	272.8	RBBJ	14 JAN 1999				
GEOLOGY	Base of Drift	2.00	2.00	270.8	RBBJ	14 JAN 1999				
GEOLOGY	Paleozoic	2.00	18.80	270.8	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Silurian	2.00	12.10	270.8	RBBJ	14 JAN 1999			E	
GEOLOGY	Interlake Group	2.00	5.00	270.8	RBBJ	14 JAN 1999			E	
GEOLOGY	Fisher Branch Formation	2.00	5.00	270.8	RBBJ	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	7.00	13.80	265.8	RBBJ	14 JAN 1999				
GEOLOGY	T-Marker	13.00	1.10	259.8	RBBJ	14 JAN 1999				
GEOLOGY	Ordovician	14.10	6.70	258.7	RBBJ	14 JAN 1999		I		
GEOLOGY	Stonewall (Lower)	14.10	6.70	258.7	RBBJ	14 JAN 1999		I		
GEOLOGY	Final Total Depth	20.80		252.0	RBBJ	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				20.80					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/14-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-23-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	269.40	Grnd Elev:	269.40	TVD:	15.80	Fm At TD:	Stonewall Formation		
UTM East:	604830.0	UTM North:	5608930.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	2.80	269.4	RBJB	14 JAN 1999				
GEOLOGY	Base of Drift	2.80	2.80	266.6	RBJB	14 JAN 1999				
GEOLOGY	Paleozoic	2.80	13.00	266.6	RBJB	14 JAN 1999		I	E	
GEOLOGY	Silurian	2.80	7.10	266.6	RBJB	14 JAN 1999			E	
GEOLOGY	Interlake Group	2.80	0.70	266.6	RBJB	14 JAN 1999			E	
GEOLOGY	Fisher Branch Formation	2.80	0.70	266.6	RBJB	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	3.50	12.30	265.9	RBJB	14 JAN 1999				
GEOLOGY	T-Marker	8.80	1.10	260.6	RBJB	14 JAN 1999				
GEOLOGY	Ordovician	9.90	5.90	259.5	RBJB	14 JAN 1999		I		
GEOLOGY	Stonewall (Lower)	9.90	5.90	259.5	RBJB	14 JAN 1999		I		
GEOLOGY	Final Total Depth	15.80		253.6	RBJB	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				15.80					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/15-10-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-22-91, I.M. SANDRIDGE	Assessment File No:		Core Desc:	N				
KB Elev:	274.30	Grnd Elev:	274.30	TVD:	16.30	Fm At TD:	Stonewall Formation		
UTM East:	605190.0	UTM North:	5608870.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	01 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	274.3	RBBJ	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	274.3	RBBJ	14 JAN 1999				
GEOLOGY	Paleozoic	0.00	16.30	274.3	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Silurian	0.00	13.60	274.3	RBBJ	14 JAN 1999			E	
GEOLOGY	Interlake Group	0.00	6.70	274.3	RBBJ	14 JAN 1999			E	
GEOLOGY	Fisher Branch Formation	0.00	6.70	274.3	RBBJ	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	6.70	9.60	267.6	RBBJ	14 JAN 1999				
GEOLOGY	T-Marker	12.60	1.00	261.7	RBBJ	14 JAN 1999				
GEOLOGY	Ordovician	13.60	2.70	260.7	RBBJ	14 JAN 1999		I		
GEOLOGY	Stonewall (Lower)	13.60	2.70	260.7	RBBJ	14 JAN 1999		I		
GEOLOGY	Final Total Depth	16.30		258.0	RBBJ	01 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				1.00	5	103	1		11 MAR 1994	GEOLOGY	METRIC



UWI:	100/04-15-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-01-84, Narcisse	Assessment File No:		Core Desc:	Y				
KB Elev:	274.60	Grnd Elev:	274.60	TVD:	68.65	Fm At TD:	Red River Formation		
UTM East:	604215.0	UTM North:	5609125.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	11 JUN 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	274.6	MCCABE	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	274.6	MCCABE	30 OCT 1998				
GEOLOGY	Paleozoic	0.00	68.60	274.6	MCCABE	14 JAN 1999		I	E	
GEOLOGY	Silurian	0.00	18.41	274.6	MCCABE	14 JAN 1999			E	
GEOLOGY	Interlake Group	0.00	11.80	274.6	MCCABE	14 JAN 1999			E	
GEOLOGY	Fisher Branch Formation	0.00	11.80	274.6	MCCABE	14 JAN 1999			E	
GEOLOGY	Stonewall Formation	11.80	19.97	262.8	MCCABE	14 JAN 1999			E	
GEOLOGY	T-Marker	17.75	0.66	256.9	MCCABE	30 OCT 1998				
GEOLOGY	Ordovician	18.41	40.44	256.2	MCCABE	30 OCT 1998		I		
GEOLOGY	Stonewall (Lower)	18.41	13.36	256.2	MCCABE	30 OCT 1998				
GEOLOGY	Williams Member	27.60	4.17	247.0	MCCABE	30 OCT 1998				
GEOLOGY	Stony Mountain Formation	31.77	33.05	242.8	MCCABE	30 OCT 1998				
GEOLOGY	Gunton Member	31.77	10.87	242.8	MCCABE	30 OCT 1998				
GEOLOGY	Penitentiary Member	42.64	22.18	232.0	MCCABE	30 OCT 1998				
GEOLOGY	Red River Formation	64.82	4.03	209.8	MCCABE	30 OCT 1998		I		
GEOLOGY	upper Red River Formation	64.82	4.03	209.8	MCCABE	30 OCT 1998		I		
GEOLOGY	Fort Garry Member (Herald-Redvers)	64.82	4.03	209.8	MCCABE	30 OCT 1998		I		
GEOLOGY	Final Total Depth	68.85		205.8	MCCABE	30 OCT 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				68.70	14	121	7		08 MAR 1994	GEOLOGY	METRIC



UWI:	100/04-21-019-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-40-92, SANDRIDGE NW (I.M.)				Assessment File No:			Core Desc:	N
KB Elev:	274.30	Grnd Elev:	274.30	TVD:	20.30	Fm At TD:	Stonewall Formation		
UTM East:	602320.0	UTM North:	5610580.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	02 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	274.3	RBBJ	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	274.3	RBBJ	14 JAN 1999				
GEOLOGY	Paleozoic	0.00	20.30	274.3	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Silurian	0.00	20.30	274.3	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	0.00	17.40	274.3	RBBJ	14 JAN 1999		I	E	
GEOLOGY	Moose Lake Formation	0.00	3.30	274.3	RBBJ	14 JAN 1999			E	
GEOLOGY	U1-Marker	3.30	0.30	271.0	RBBJ	14 JAN 1999				
GEOLOGY	Fisher Branch Formation	3.60	13.80	270.7	RBBJ	14 JAN 1999				
GEOLOGY	Stonewall Formation	17.40	2.90	256.9	RBBJ	14 JAN 1999		I		
GEOLOGY	Final Total Depth	20.30		254.0	RBBJ	02 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				20.30					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/03-20-019-04W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-39-92, CLARKLEIGH (I.M.)				Assessment File No:			Core Desc:	Y
KB Elev:	256.00	Grnd Elev:	256.00	TVD:	60.00	Fm At TD:	Moose Lake Formation		
UTM East:	571570.0	UTM North:	5610000.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 12	Storage Units:	METRIC	Updated:	02 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	256.0	RBBJ	19 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	256.0	RBBJ	30 OCT 1998				
GEOLOGY	Paleozoic	0.00	60.00	256.0	RBBJ	30 OCT 1998		I	E	
GEOLOGY	Silurian	0.00	60.00	256.0	RBBJ	30 OCT 1998		I	E	
GEOLOGY	Interlake Group	0.00	60.00	256.0	RBBJ	30 OCT 1998		I	E	
GEOLOGY	East Arm Formation	33.90	22.30	222.1	RBBJ	30 OCT 1998			E	
GEOLOGY	V-Marker	54.70		201.3	RBBJ	02 APR 1993				
GEOLOGY	Moose Lake Formation	56.20	3.80	199.8	RBBJ	30 OCT 1998				
GEOLOGY	U1-Marker	58.10		197.9	RBBJ	30 OCT 1998		I		
GEOLOGY	Final Total Depth	60.00		196.0	RBBJ	02 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				60.00					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/05-04-022-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-35-92, POPLARFIELD (I.M.)				Assessment File No:			Core Desc:	Y
KB Elev:	272.80	Grnd Elev:	272.80	TVD:	20.40	Fm At TD:	Stonewall Formation		
UTM East:	601660.0	UTM North:	5635840.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 13	Storage Units:	METRIC	Updated:	02 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	272.8	RBDN	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	272.8	RBDN	23 DEC 1998				
GEOLOGY	Paleozoic	0.00	20.40	272.8	RBJB	23 DEC 1998				
GEOLOGY	Silurian	0.00	20.40	272.8	RBJB	23 DEC 1998		I	E	
GEOLOGY	Interlake Group	0.00	20.40	272.8	RBJB	23 DEC 1998		I	E	
GEOLOGY	Moose Lake Formation	0.00	5.00	272.8	RBJB	23 DEC 1998			E	
GEOLOGY	U1-Marker	5.00	0.20	267.8	RBJB	23 DEC 1998				
GEOLOGY	Fisher Branch Formation	5.20	13.10	267.6	RBJB	23 DEC 1998				
GEOLOGY	Stonewall Formation	18.30	2.10	254.5	RBJB	23 DEC 1998		I		
GEOLOGY	Final Total Depth	20.40		252.4	RBJB	02 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				20.40					25 MAR 1993	GEOLOGY	METRIC



UWI:	102/05-04-022-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	P-93-01, Poplarfield	Assessment File No:		Core Desc:	Y				
KB Elev:	273.00	Grnd Elev:	273.00	TVD:	15.20	Fm At TD:	Fisher Branch Formation		
UTM East:	601900.0	UTM North:	5635950.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 13	Storage Units:	METRIC	Updated:	02 MAY 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	273.0	BAMBURAK	14 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	273.0	BAMBURAK	02 MAY 1996				
GEOLOGY	Paleozoic	0.00	15.20	273.0	BAMBURAK	14 JAN 1999		I	E	
GEOLOGY	Silurian	0.00	15.20	273.0	BAMBURAK	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	0.00	15.20	273.0	BAMBURAK	14 JAN 1999		I	E	
GEOLOGY	Moose Lake Formation	0.00	5.90	273.0	BAMBURAK	14 JAN 1999			E	
GEOLOGY	U1-Marker	5.90	0.30	267.1	BAMBURAK	14 JAN 1999				
GEOLOGY	Fisher Branch Formation	6.20	9.00	266.8	BAMBURAK	14 JAN 1999		I		
GEOLOGY	Final Total Depth	15.20		257.8	BAMBURAK	02 MAY 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	103/05-04-022-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	P-93-02, Poplarfield	Assessment File No:		Core Desc:	Y				
KB Elev:	273.00	Grnd Elev:	273.00	TVD:	15.20	Fm At TD:	Fisher Branch Formation		
UTM East:	602100.0	UTM North:	5635750.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 13	Storage Units:	METRIC	Updated:	02 MAY 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.50	273.0	BAMBURAK	14 JAN 1999				
GEOLOGY	Base of Drift	0.50	0.50	272.5	BAMBURAK	02 MAY 1996				
GEOLOGY	Paleozoic	0.50	14.70	272.5	BAMBURAK	14 JAN 1999		I	E	
GEOLOGY	Silurian	0.50	14.70	272.5	BAMBURAK	14 JAN 1999		I	E	
GEOLOGY	Interlake Group	0.50	14.70	272.5	BAMBURAK	14 JAN 1999		I	E	
GEOLOGY	Moose Lake Formation	0.50	6.20	272.5	BAMBURAK	14 JAN 1999			E	
GEOLOGY	U1-Marker	6.70	0.10	266.3	BAMBURAK	14 JAN 1999				
GEOLOGY	Fisher Branch Formation	6.80	8.40	266.2	BAMBURAK	14 JAN 1999		I		
GEOLOGY	Final Total Depth	15.20		257.8	BAMBURAK	02 MAY 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
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UWI:	100/04-05-023-01W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-21-90, Fisher Branch North	Assessment File No:		Core Desc:	Y				
KB Elev:	263.60	Grnd Elev:	263.60	TVD:	29.50	Fm At TD:	Stony Mountain Formation		
UTM East:	600050.0	UTM North:	5645025.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 13	Storage Units:	METRIC	Updated:	22 DEC 1998	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.40	263.6	RBDN	14 JAN 1999				
GEOLOGY	Base of Drift	0.40	0.40	263.2	RBDN	22 DEC 1998				
GEOLOGY	Paleozoic	0.40	29.10	263.2	RBDN	22 DEC 1998		I	E	
GEOLOGY	Silurian	0.40	14.70	263.2	RBDN	22 DEC 1998			E	
GEOLOGY	Interlake Group	0.40	9.31	263.2	RBDN	22 DEC 1998			E	
GEOLOGY	Fisher Branch Formation	0.40	9.31	263.2	RBDN	22 DEC 1998			E	
GEOLOGY	Stonewall Formation	9.71	11.79	253.9	RBDN	22 DEC 1998				
GEOLOGY	Stonewall (Upper)	9.71	5.39	253.9	RBDN	22 DEC 1998				
GEOLOGY	T-Marker	14.40	0.70	249.2	RBDN	22 DEC 1998				
GEOLOGY	Ordovician	15.10	14.40	248.5	RBDN	22 DEC 1998		I		
GEOLOGY	Stonewall (Lower)	15.10	6.40	248.5	RBDN	22 DEC 1998				
GEOLOGY	Williams Member	19.80	1.70	243.8	RBDN	22 DEC 1998				
GEOLOGY	Stony Mountain Formation	21.50	8.00	242.1	RBDN	22 DEC 1998		I		
GEOLOGY	upper Stony Mountain Formation	21.50	8.00	242.1	RBDN	22 DEC 1998		I		
GEOLOGY	Gunton Member	21.50	8.00	242.1	RBDN	22 DEC 1998		I		
GEOLOGY	Final Total Depth	29.50		234.1	RBDN	22 DEC 1998				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				29.50					25 MAR 1993	GEOLOGY	METRIC



UWI:	100/08-14-023-03W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-03-88, Broad Valley	Assessment File No:		Core Desc:	Y				
KB Elev:	275.80	Grnd Elev:	275.80	TVD:	94.30	Fm At TD:	Stony Mountain Formation		
UTM East:	586375.0	UTM North:	5648675.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 13	Storage Units:	METRIC	Updated:	21 APR 1996	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	275.8	RBSX	18 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	275.8	RBSX	02 MAY 1996				
GEOLOGY	Paleozoic	0.00	94.30	275.8	RBSX	02 MAY 1996		I	E	
GEOLOGY	Silurian	0.00	56.00	275.8	RBSX	02 MAY 1996			E	
GEOLOGY	Interlake Group	0.00	50.00	275.8	RBSX	02 MAY 1996			E	
GEOLOGY	Cedar Lake Formation	0.00	7.70	275.8	RBSX	02 MAY 1996			E	
GEOLOGY	East Arm Formation	7.70	12.00	268.1	RBSX	02 MAY 1996				
GEOLOGY	Atikameg Formation	19.70	16.80	256.1	RBSX	02 MAY 1996				
GEOLOGY	U1-Marker	36.50	2.00	239.3	RBSX	29 OCT 1998				
GEOLOGY	Fisher Branch Formation	37.50	12.50	238.3	RBSX	29 OCT 1998				
GEOLOGY	Stonewall Formation	50.00	16.70	225.8	RBSX	02 MAY 1996				
GEOLOGY	Stonewall (Upper)	50.00	6.00	225.8	RBSX	02 MAY 1996				
GEOLOGY	T-Marker	55.00	1.00	220.8	RBSX	02 MAY 1996				
GEOLOGY	Ordovician	56.00	38.30	219.8	RBSX	02 MAY 1996		I		
GEOLOGY	Stonewall (Lower)	56.00	10.70	219.8	RBSX	02 MAY 1996				
GEOLOGY	Williams Member	60.70	6.00	215.1	RBSX	02 MAY 1996				
GEOLOGY	Stony Mountain Formation	66.70	27.60	209.1	RBSX	02 MAY 1996		I		
GEOLOGY	upper Stony Mountain Formation	66.70	21.30	209.1	RBSX	02 MAY 1996				
GEOLOGY	Gunton Member	66.70	21.30	209.1	RBSX	02 MAY 1996				
GEOLOGY	lower Stony Mountain Formation	88.00	6.30	187.8	RBSX	02 MAY 1996		I		
GEOLOGY	Penitentiary Member	88.00	6.30	187.8	RBSX	02 MAY 1996		I		
GEOLOGY	Final Total Depth	94.30		181.5	RBSX	21 APR 1996				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				94.30					22 MAR 1993	GEOLOGY	METRIC



UWI:	100/01-23-023-03W1/00	Licence:		Class:	STRAT	Source:	GEOLOGY	Confidential:	N
Well Name:	M-36-92, BROAD VALLEY (I.M)				Assessment File No:			Core Desc:	N
KB Elev:	281.00	Grnd Elev:	281.00	TVD:	20.30	Fm At TD: Silurian (Undifferentiated)			
UTM East:	586510.0	UTM North:	5649860.0	UTM Zone:	14	Node Position:	SURFACE	Faulted:	N
Deviation:	N								
Map Sheet:	62I 13	Storage Units:	METRIC	Updated:	02 APR 1993	Country:	CANADA	Prov:	MANITOBA

Formation Tops

Source	Formation	Depth (m)	Isopach	Subseas	Geologist	Last Update	F	I	E	C
GEOLOGY	Glacial Drift	0.00	0.00	281.0	RBBB	18 JAN 1999				
GEOLOGY	Base of Drift	0.00	0.00	281.0	RBBB	18 JAN 1999				
GEOLOGY	Paleozoic	0.00	20.30	281.0	RBBB	18 JAN 1999		I	E	
GEOLOGY	Silurian (Undifferentiated)	0.00	20.30	281.0	RBBB	18 JAN 1999		I	E	
GEOLOGY	Final Total Depth	20.30		260.7	RBBB	02 APR 1993				

Core Storage

Core No	Series	Core Top	Core Base	Total Metres	No. Boxes	Section	Row	Analyzed	Updated	Source	Storage Units
				20.30					25 MAR 1993	GEOLOGY	METRIC