

# Appendix J

## Form 7s for all of Pembina's Suspended Brine Mining Caverns



#### Drilling and Completion Report

Form	n 7					То	the Minister o	of Natural Resou	lincés					v. 2008-01-	01
CLAS	s		FIELD OF	R POOL				STATUS: TYP	E	Brine M	ining		MODE	Suspended	
COU	10 Mar 10	1.	bton		TOWNSHI	P	Moore			TRACT	1	от	25	CONC	XI
WEL	NAME	Dow	HC No	. 7						LICENC	E NO.	T0039	916		
-	RATOR	119	5714 Alk	oerta Lte	d.			COLUMN 1	1.010	TD: 6	573.6 m	TVD	m	PBTD:	m
ADD		_	1975 D.C. 1	125-0	Corunna, (	Ontario N	10N 1G0			GROUN	ID ELEV.	191.4	m	(above	
	OWNER				Corporati					KB/RF	LEV.	196	m	sea level	)
	LING CONTRA	АСТО	and the second design of the second s					CABLE	11	ROTAR		1 Per 1 1 Per			- al 10 100 394
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GEO				_											
	LOGICAL C	ONT	ACTS		TOP	TVD	ELEV.	COORDINATE	S FROM	317	m.N		s 🛛	FROMLO	TLINE
	Lake Level							LOT BOUN	DARIES	_		 		- 1	
	Drift/Lake Bot									346.6	<u>i</u> m.E NAI		W L	J FROM LO	
N V	PORT LAMB		Point					GEOGRAPHIC Surface Latitu			731944			NAD83 -82.417	
	HAMILTON	Retue	FOIL	_		0		Bottomhole La			731944			-82.417	
z		Marc	ellus					DATE DRILLIN			75-12-				
0		Dund						DATE DRILLIN	NG ENDE	D	75-12-	-16	_		
> Ш	DETROIT	Luca	s erstburg		-	*					NITIAL GAS	RECOR	0		
	TUTEIT		Blanc					INTER	/AL		LOW 1000 r			RESSURE	Pa
		Bass	Islands	1			1			1					120.0
			G unit F unit	shale shale											
		÷.	r um	salt		-			_						
			E unit	cerb.			221 x X	- N G 2		8 4 4	ande				
		60	D unit	salt			-		_			DEGODE			
		5	C unit	shale marker	-			INTER	VAI	T	FLOW m <sup>3</sup>			PI GRAVITY	
		-	B unit	sait											
		<i>7</i> 0		anhy.			1								
		S	Î.	carb.	4										
			A2 unit	shale salt			1				WATER F	ECORD			
z			MDEL-	anhy.	1			INTER	VAL		LEV FR.	SURF.		TYPE	
∢			A1 unit	carb.											
2		Guel	ab	evap.						-					
5		Eran													
-		C	Island												
	AMABEL	Gas				-			_	CASI	NG AND TL		COPD		
S S			lequoit					SIZE	WEIG		SET AT		W SET	RE	C
		Reyr						406.3 mm	96.	6 kg/m	81.4 m		cemented		
		Thor						323.8 mm		3 kg/m	576.2 m		cemented	Goo	d
	1	Grim	sby ot Head				-	139.7 mm	35.	.7 kg/m	621.3 m		hanging		
	CATARACT	-	itoulin												
		Whir	1pool								LOGGING				1122
Z		-	enston					LOGGING CO			TYPE	LOGGER	'S T.D. DINTERVAI	N/A	DF M
<b> </b> ▲			Mountain ngwood		-			608 - 0	JINTERV		RN.N	LUGGL			
0		Cob						564 - 0		E	lond				
>	TRENTON	Sher	man Fall					Sonarwire		s	ionar	4			+3
0		Kirkl					-						_		-
2	BLACK RIVER		nconk River			1	-							1	
0	TUVER		dow Lake								CORING	RECORD			
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	CAMBRIAN	-1		1	he lletert av			CORED IN	TERVAL	REC	O ANAL	CORED	INTERVAL	. REC	ANAL
_	Ittonal geologic		tacts and 1		AMPLES	l									
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				Dry h	ole					B Sal	t Producti	on			
1								COMPLETIO	N DATE						

DRILLER'S LOG OR ADDITION	AL GEOLOGICA	L CONTACTS		CEMEN	ITING RECORD	)	
Formation	Тор	Elevation	Surface -				
			Intermediate -			Construction of the second	e
			intermediate -				
1		1	Grout -				
		1	Workover - 200	17			
			ran sonar log				
		1	MIT				
				_			
RECORD OF WELL TREAT	MENT AND ST	MULATION		N-10510			
reatment Date							
reatment No. Treat. Type							
Top Depth							
Base Depth							
Treat Fluid				PACI	KER RECORD		
reat Amount			Туј		Size		Dept
reat Pressure							
rac Pressure Proppant Type							
Proppant Amt							
RECORD OF PROD	DUCTION TEST	ING		RECORD OF	DRILLSTEM TE	ESTING	
Test Date Test No.			Test Date Test No.				
Test Type	1		Test Company				
Top Depth			DST Type				
Base Depth	Set la	t	Top Depth				
Formation	_		Base Depth			_	
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Max oil rate Init Stat Pres			Test Result Code				
Inal Stat Pres							
low Pressure	e die seest					-	-
			1			3	
ugging Record -The plug marks	ging/plug-back n	nethod is to b	e described on Form	n 10 and attached	hereto.		
MPLE PROCESSING File tres of bagged samples	E CALCULAT	ION	*Payment must a x \$.90 =	accompany this	form. (A)	Fees for d	till core
etres of vialed samples			x \$.60 =		(A) (B)	will be invo	
riz metres of bagged san	nples		x \$.45 =		(C)	Lange	
riz metres of vialed samp			x \$.30 =		(D)		
	Total (A)+/	(B)+(C)+(D)		+ 5% GST	= \$		
eque for sample process	ing fee is paya	ble to "Oil, G	Sas and Salt Reso		the second se	ation # 873160	097
undersigned certifies that the i	nformation provide	d berein is som	inlate and accurate and	that ha/eba has an	hority to bind the	operator	
	alonnation provide		prete anti accurate anti	a andi mersine nas au	atomy to bind the t	special of the	
	/						- 14 - 20
12 phon	1	Patrick Ma	honey			_Decembe	ar 14, 20

	For Department Use
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Oil, Gas and Salt Resources Act

#### **Drilling and Completion Report**

For	m 7													v. 2008-01	í <b>-</b> 01
CLAS	SS		FIELD C	R POOL				STATUS: TYP	Έ	Storage	Cavem		MODE	Suspend	ded
cou	NTY	Lan	nbton		TOWNSHI	Р	Moore			TRACT		LOT :	25	CONC	XI
WEL	LNAME	Dov	W HC N	o. 8						LICENC	E NO.	T0039	17		
OPE	RATOR	119	5714 A	berta L	td.					TD: 6	74.2 m	TVD	m	PBTD:	m
ADD	RESS	439	1 Highw	vav 40.	Corunna,	Ontario I	NON 1G0			GROUN		191.4	m	(above	•
LAN	OWNER				Corporati					KB/RF E	-	196	m	sea leve	
	LING CONTR.	ACTO						CABLE		ROTAR	_			- 101-639	
VER		HOF			DIRECTIO	NAL	DEEPENIN	IG I	RE-ENTRY	$(\Box$	WORK	OVER X	] OTH	ER	
GEO	LOGIST							<u> </u>							
	LOGICAL C	ONT	ACTS		TOP	TVD	ELEV.	COORDINAT	ES FROM	469.4	m.N		s X		OT LINE
	Lake Level							LOT BOUN	IDARIES		_			7	
z	Drift/Lake Bot PORT LAMB							GEOGRAPHIC	00000	346.6		D27	<u>w L</u>	J FROM LO	
Ā			e Point		-			Surface Latitu				Surf. Long		-82.417	
-	HAMILTON							Bottomhole La	ıt			Bottomhole		-82.417	
z	<u>.</u>		ellus					DATE DRILLII			75 44	00			
0 >	DETROIT	Dun						DATE DRILLI	NG ENDEI	)	75-11	-26			-
ш	RIVER	personal second	erstburg							11	ITIAL GAS	S RECORD	)		
0		Bois	Blanc					INTER	VAL	FL.	OW 1000	m³/d	S.I. P	RESSURE	kPa
		Bass	G unit	shale	- 1997 F. 15										
			Funit	shale			-								
				salt									+2,+)		
			E unit	carb.											
	I	u a	D unit C unit	salt shale								RECORD			
				marker				INTER	VAL		FLOW m <sup>3</sup>			PI GRAVITY	1
	i.	-	B unit	sa/t											
		9		anhy.				1							2012
		S S		carb. shale											
			A2 unit	salt	-					·	WATER F	RECORD		antic - 2	
z				anhy.		<u> </u>		INTER	VAL		LEV.FR.	SURF.		TYPE	
A			A1 unit	carb.					- initia						
~		Gue	l	evap.	-		- and the second								
5			nosa												
-			t Island												
- 0	AMABEL	Gas	port nester							CASIN		BING REC			
0		-	leguoit				-	SIZE	WEIGH	14	SET AT	1 - manufacture - community	V SET	RE	EC
		·	nales	1.414				406.3 mm		3 kg/m	63.1 m		cemented		
		Tho						323.8 mm		6 kg/m	582.1 m		cemented		
		Grin				<u> </u>		139.7 mm	35.7	′ kg/m	621.3 m	-	hanging		
	CATARACT		ot Head itoulin	iii an				1 - 110							
			lpool								LOGGING	RECORD			
Z			enston					LOGGING CO		1	TOPE	LOGGER	CR-11/28-8-9	N/A	
<b>▼</b>		1000000	Mountair			- 53	-	LOGGEL	INTERVA		TYPE	LUGGED	INTERVAL		PE
0			ourg	200 X120			1.000								
>	TRENTON	-	rman Fall					Sonarwire		Sc	mar				
0		Kirk													
	BLACK	-	oconk River		I					1.1	- 1		1944 (198	C 200 T 1 1 1 1 1 1	
6	NIVER		dow Lake					-			CORING	RECORD	0.000		
CAN	BRIAN						1	SIZE				13.17			
	CAMBRIAN							CORED IN	TERVAL	REC	ANAL	CORED	INTERVAL	REĆ	ANAL
1000000	litional geologic		tacts and			reverse								74	
GEO	LOGY FROM L	OGS		RESUL	AMPLES [									+	
OIL			* * * *				m²/d	DISPOSITION	OF COR	E					ale sere
GAS		5					10 <sup>3</sup> m <sup>3</sup> /d				COMPLET	ION DATA			
	SSURE						kPag		PERFOR				OPEN HOL	E	
PRC	DUCING INTE	ERVA	L(S)	Dry H	lole			PRÓDUĆING	FORMAT		Salt Min	ling			
<u> </u>			_	шуг				COMPLETIC	N DATE:	3	Sur with	ig			

Formation	Тор	Elevation	Surface -				
			Intermediate -			· · · · · · · · · · · · · · · · · · ·	
			a c li c latini ani i				
		-	Grout -				· · · · · · · · · · · · · · · ·
	4		Workover - 198	6			
			repositioned strin	gs for storag	9		
			ran sonar log				
		1			-		
			MIT				
RECORD OF WELL TRE	ATMENT AND ST	MULATION					
reatment Date							
Treat. Type							
Top Depth				191 4.1 11			**
Base Depth	10.24			10.00			
Formation		3.53		- 60% - 1306-0			
Treat Fluid					CKER RECORD		
Treat Amount		a	Тур	98	Size		Dept
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Proppant Amt							
	ODUCTION TEST	NG		RECORD C	F DRILLSTEM T	ESTING	
Test Date			Test Date				i
Test No.			Test No.	004 (103)			and the second second
Test Type			Test Company				
Top Depth			DST Type				
Base Depth			Top Depth				
Formation		22 22	Base Depth				
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Max oil rale Init Stal Pres			Test Result Code				
Final Stat Pres							2
Flow Pressure							
and the second sec							
R(							
ugging Record - The p	lugging/plug-back n	nethod is to be	e described on Form	10 and attach	ed hereto.		
emarks						5754n=07574	
AMPLE PROCESSING	FEE CALCULAT	ION	*Payment must a	ccompany th	is form.		
etres of bagged sample			_x \$.90 =		(A)	Fees for dr	
etres of vialed samples			x \$.60 =		(B)	will be invo	iced
oriz metres of bagged s			x \$.45 =		(C)		
oriz metres of vialed sa	mples		x \$.30 =		(D)		
	Total (A)+/	B)+(C)+(D)		5% GST	= \$		

dersigned certifies units Signature

Patrick Mahoney Name

December 14, 2014 Date

For Department Use										
C 100002-02-02-0-										
	0.0									



### Drilling and Completion Report

For	n 7					То	the Minister	of Natural Reso	urces					v. 2008-01-	01
CLAS	122.05		FIELD O	D DOOI				STATUS: TYP	)E	Brine Mi	nina	MODI		Suspend	
	NowIn Contract	Low		RPUUL	TOMINIOL		Moore	31A103: 11F	-6			LOT 25			XI
cou			bton		TOWNSHIP		Moore			TRACT				CONC	~
	LNAME		v HC #							LICENC	the second s	T006622			
OPE	RATOR	119	5714 Al	berta Lt	d					TD; 6	65.0 m	TVD	m	PBTD:	, m
ADD	RESS	439	1 Highw	ay 40, 0	Corunna, C	Ontario N	0N 1G0	<u></u>	_	GROUN	D ELEV.	191.3 m	-	(above	
LAND	OWNER		Pembir	na NGL	Corporatio	n	12000			KB/RF E	- Personal Person	196.7 m	_	sea level	2
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VER		HOR	ZONTAL		DIRECTION	IAL	DEEPENIN	IG	RE-ENTR'	ч	WORK	OVER X	OTHE	R	
GEO	LOGIST														
GEC	LOGICAL C	ONT	ACTS		TOP	TVD	ELEV.	COORDINAT		611.4		🗌 s	Х	FROMLC	IT LINE
	Lake Level							LOT BOUN	NDARIES	505	m.E	v w	5	FROMUC	
z	Drift/Lake Bol	_			<u> </u>			GEOGRAPHI	COOPD	595		D27		FROM LC	
Ā	FORTDAMB		e Point		42.0			Surface Latitu				Surf. Longitude		-82.421	and the second se
-	HAMILTON							Bottomhole La				Bottomhole Long		-82.421	
z		Marc						DATE DRILLI			85-01				
0	DETROIT	Dung			188.0			DATE DRILLI	NG ENDE	D	85-01	-23			
> Ш	DETROIT	Luca	s erstburg							J.	ITIAL GA	SRECORD			
Δ	- THE CAN	a competence	Blanc					INTER	VAL		OW 1000		S.I. PR	ESSURE k	Pa
_			Islands												
			G unit	shale					N WI						
			Funit	shaie					NIL				_		
			Eunit	salt carb.											
		8	Dunit	salt		93-1U		-							
	1	<b>c</b>	C unit	shale						Î.	NITIAL OI	RECORD			
1		-		marker	575.0			INTER	VAL		FLOW m <sup>3</sup>	/d	API	GRAVITY	_
		-	B unit	salt	583.0										
		s S	1000	anhy. carb.					NIL						
		<b>"</b>		shale						-					
			A2 unit	salt			-				WATER	RECORD			
z				anhy.				INTER	VAL		LEV.FR	SURF.		TYPE	
۲			A1 unit	carb.											
~		Guel		evap.		-0			NIL			Contraction and Contraction			_
5		Eran					1. (								
			Island										lone.		
-	AMABEL	Gas	port												
S			nester									JBING RECORD		DE	
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		Thor						339.7 mm		7 kg/m	572.6 m		ented		
		Grim	isby					219.1 mm	35.	7 kg/m	642.7 m	har	nging		
			ot Head					139.7 mm	20.	8 kg/m	647.3 m	har	nging		
	CATARACT	-	itoulin				-				LOCOMO	RECORD			0
z			ipool enston					LOGGING CO		Baker H	Design design	LOGGER'S T.D		N/A	m
4		1.1.1.1.1	Mountain					-	DINTERV/		TYPE	LOGGED INTE		TYF	
-		Colli	ngwood					662 - 0		G	R-N		_		
U		Cob						600 - 0			ond		1.00		
2	TRENTON		man Fall					Sonarwire		S	onar				
	BLACK	Kirkt	ield oconk	9	1.50					-					
2	RIVER		River	_										1	11-1-22
0			dow Lake								CORING	RECORD			
	BRIAN							SIZE							
	CAMBRIAN						1	CORED IN	TERVAL	REC	ANAL	CORED INTE	RVAL	REC	ANAL
	ltional geologic		tacts and I			everse									<u> </u>
GEO	LOGY FROM L	290.		RESULT							-				
OIL		1					m³/d	DISPOSITIO	N OF COR	E					
GAS			and the second				10 <sup>3</sup> m <sup>5</sup> /d				COMPLET	TON DATA			
	SSURE						kPag	DD CD L	PERFO			OPE	N HOLE	·	
PRO	DUCING INTE	RVA	L(S)	Dry H	ole			PRODUCING		JUN(S)	Salin	a salt			
-				BIYIT		_		COMPLETIO	N DATE:		- uni				

	G OR ADDITIONAL			Surface - 22 Ton		With 2% CaCl2	good returns	
Forr	mation	Тор	Elevation	Junace - 22 10	ies rigit can		good returns	•
		in the second second	sannasa g	Intermediate - 7	Tonnes Kalic	rete Salt Satural	ted, good retu	Ims
				Grout - 2 Tonnes				
								3.60
								ana na
				Workover - 199				
				repositioned mini				
					<u> </u>			
				ran sonar log				
				MIT				
	WELL TREATME	NT AND STI	ULATION		ALC: NO.	4.12.12		
Freatment Date								
Treatment No.								
Treat. Type							1	
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Treat Fluid	10 1 1 1 4	- M			PAC	KER RECORD		
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Frac Pressure			2					
Proppant Type								
Proppant Amt			í					
	ORD OF PRODUC	TION TESTIN	IG		RECORD OF	DRILLSTEM TES	STING	
Test Date				Test Date				
Test No. Test Type				Test No. Test Company				
Top Depth		10000-000-0		DST Type				
Base Depth				Top Depth			1	
Formation				Base Depth				
Max gas rate				Formation				110.00
Max oll rate				Test Result Code				
Init Stat Pres								
Final Stat Pres								
Flow Pressure								
							20 - Contraction 74	(#12-0) - N
					1.15			
ugging Rec	ord -The plugging	/plug-back m	ethod is to be	e described on Form	10 and attached	hereto.		
emarks	and the breading	re-g sources						
	CESSING FEE	CALCULATI	ON	*Payment must a	company this			
	ged samples			_x \$.90 =		_(A)	Fees for d	
				x \$.60 =		(B)	will be invo	biced
	T Dadded sample			_x \$.45 =		_(C)		
oriz metres or				_x \$.30 =		_(D)		
oriz metres or	f vialed samples				5% GST	= \$		
oriz metres or		Total (A)+/6	1)+(C)+(D)			- J		
oriz metres o oriz metres o	f vialed samples	Total (A)+(E					tion # 873160	097
oriz metres o oriz metres o	f vialed samples			+ as and Salt Resou		, GST Registra	tion # 873160	Ĵ097
oriz metres o oriz metres o heque for sar	f vialed samples	fee is payab	le to "Oil, G	as and Salt Resou	rces Trust"	, GST Registra		Ĵ097
oriz metres o oriz metres o heque for sar	f vialed samples	fee is payab	le to "Oil, G		rces Trust"	, GST Registra		Ĵ097
heque for sar	f vialed samples	fee is payab	le to "Oil, G	as and Salt Resou	rces Trust"	, GST Registra	erator.	0097 er 14, 2014
oriz metres o oriz metres o heque for sar	f vialed samples	fee is payab	l <mark>e to "Oil, G</mark> herein is com	as and Salt Resou	rces Trust"	, GST Registra	erator.	
oriz metres o oriz metres o heque for sar e undersigned c gnature	of vialed samples	fee is payab	herein is com <u>Patrick Mal</u> Name	as and Salt Resound plete and accurate and honey	rces Trust" hat he/she has a	, GST Registra	Perator. Decembe Date	
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priz metres of priz metres of neque for sar e undersigned c prize inature te 1: The well	of vialed samples	fee is payab nation provided	he to "Oil, G herein is com <u>Patrick Mai</u> Name nappears on	as and Salt Resound plete and accurate and honey	rces Trust" hat he/she has a be changed wi	, GST Registra when the operation of the	Decembe Date Date Minister.	er 14, 2014



Oil, Gas and Salt Resources Act

## Drilling and Completion Report

For	n 7													. 2008-0	1-01
CLAS	s		FIELD O	R POOL				STATUS: TY	PE	Brine M	finng	MOD	E ;	Suspen	ded
cou		Lan	bton		TOWNSHI	>	Moore			TRACT		LOT 25	(	CONC	XI
		-		10	1011101							T006620			
WEL	LNAME	_	v HC #								CE NO.			Constant of the	
OPE	RATOR	_	5714 AJ					55 - 25 <b>-</b>		TD:	666.5 m	TVD	m	PBTD:	m
ADD	RESS	439	1 Highw	ay 40,	Corunna,	Ontario	NON 1G0			GROU	ND ELEV.	191.6 m		(abov	e
LAND	OWNER		Pembi	a NGL	Corporati	n				KB/RF	ELEV.	197 m		sea lev	el)
DRIL	LING CONTR	АСТС	R					CABLE		ROTAR	RY X				
VER		HOR	ZONTAL		DIRECTIO	NAL	DEEPENI	١G	RE-ENTRY	$(\Box)$	WORK	OVER X	OTHE	R	
050	LOGIST	11.121.121	the state of the s					<u> </u>							
	LOGIST	ONT	ACTS		TOP	TVD	ELEV.	COORDINAT	ES FROM	611	4 m.N	S S	X	FROM	OT LINE
OLL	Lake Level	-0111	AGIG		10,			LOT BOU			<u> </u>				
	Drift/Lake Bo	ttom						1		454.	<u>z</u> m.E	🗆 w	Y	FROM L	OT LINE
z	PORT LAMB	TON						GEOGRAPH	COORD	INATES	NA	027	NA	AD83	x
∢		Ketti	e Point		41.0			Surface Latit				Surf. Longitude			998972
-	HAMILTON						_	Bottomhole L			A new other than the second second	Bottomhole Lon	9.	-82.41	998972
Z		-	ellus		100 0			DATE DRILL			84-12- 84-12-			_	
0	DETROIT	Dunc			168.0			DATE DRILL	ING ENDEL		04-12-	-21			
ω	RIVER		erstburg			_					INITIAL GAS	RECORD			
Δ			Blanc					INTER	VAL		LOW 1000 r		S.I. PR	ESSURE	kPa
		7	Islands							1					
		-	G unit	shale											
		1	F unit	shale				-	NIL		4/				
1 2				salt						_					
1		!	Eunit	corb.						<u>+</u>					
		8	D unit C unit	salt	-						INITIAL OIL	PECOPD			
			10 unit	shale marker	574.0			INTER			FLOW m <sup>3</sup>		API	GRAVIT	Y
		-	B unit	salt	582.0										
		65		anhy.					NIL						1000
		S	-	carb.											
n		1	1	shale											
			A2 unit	salt	1						WATER F				
Z				anhy.				INTER	RVAL		LEV.FR.	SURF.		TYPE	
۲			A1 unit	carb.			-		e servesi				-		
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-	AMABEL	Gas	port												
S			hester		1							BING RECORD		there are a	Λ
		_	dequoit		1			SIZE	WEIGH		SET AT	HOW SE		R	EC
		Tho	nales					508.0 mm 339.7 mm		l kg/m 7 kg/m	91.0 m 572.6 m		nented		
		Grin					- 77	219.1 mm		kg/m	643.4 m		nging		
			ot Head					139.7 mm		3 kg/m	649.4 т		nging		
	CATARACT						č.								
			looqi								LOGGING				
z		Que	enslon					LOGGING C				LOGGER'S T.D		N//	
<		100.000	Mountain					the second second	DINTERVA	_	TYPE	LOGGED INTE	RVAL	Т	YPE
- 1			ingwood					666 - 0			3R-N				
0	TOTATON	_	ourg		-3 C (			666 - 0 Sonarwire	_		3ond Sonar				
>	TRENTON	Kirk	rman Fall					Sonarwire			Sonar				
	BLACK	-	oconk												
R R	RIVER	_	River												
0		_	dow Lake								CORING	RECORD			
	IBRIAN							SIZE							
-	CAMBRIAN							CORED IN	TERVAL	RE	C ANAL	CORED INTE	RVAL	REC	ANAL
	litional geologic		tacts and i	and a second second second		everse					_				24.0404
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OF		1		RESUL	15		m³/d	DISPOSITIO	NOFCOR	F					1
GAS		-					10 <sup>3</sup> m <sup>3</sup> /d		OF COR	-	COMPLET	ION DATA			
	SSURE	1	-11-55 -53				kPag		PERFOR	RATED		- Children	N HOLE		
and and a state of the	DUCING INT	ERVA	L(S)					PRODUCING			an and the				
				Dry H	ole						Salina	salt		-	
				- 4. 77.0-				COMPLETIC	N DATE:			- A <u>1853650</u>			

Formation	Тор	Elevation	Surface - 22 Tonnes High	Early with 2% CaCl2, good	returns
					Totalitis
			Intermediate - 76 Tonnes	Kalicrete Salt Saturated, go	ood returns
			Grout - 1 Tonnes		
					united and the second
			Workover - 1992		
			repositioned mining atrings		
			ran sonar log		e uar i
			МІТ		
	1997 B. 11. 11. 1				
RECORD OF WELL TR	EATMENT AND STIN	ULATION			
Treatment Date					
Treatment No.					
Treat. Type					- III- Costor II-Ecc
Top Depth					
					and the second se
Base Depth					
Base Depth Formation					
Base Depth Formation Treat Fluid				PACKER RECORD	
Base Depth Formation Treat Fluid Treat Amount			Туре	PACKER RECORD Size	Dep
Base Depth Formation Treat Fluid Treat Amount Treat Pressure					Depi
Base Depth       Formation       Treat Fluid       Treat Amount       Treat Pressure       Frac Pressure					Depi
Base Depth       Formation       Treat Fluid       Treat Amount       Fract Pressure       Frace Pressure       Proppant Type					Dep
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SAMPLE PROCESSING FEE CALCULATIO	N *Payment must accord	empany this form.	
Metres of bagged samples	x \$.90 =	(A)	Fees for drill core
Metres of vialed samples	x \$.60 =	(B)	will be invoiced
Horiz metres of bagged samples	x \$.45 =	(C)	
Horiz metres of vialed samples	x \$.30 =	(D)	
Total (A)+(B)	+(C)+(D) + 5%	GST=	\$
Cheque for sample processing fee is payable	to "Oil, Gas and Salt Resource	s Trust", GST Reg	gistration # 873160097
			and the second se

The undersigned certifies that the information provided herein is complete and accurate and that he/she has authority to bind the operator.

Signature

Patrick Mahoney Name December 14, 2014 Date




Oil, Gas and Salt Resources Act

#### Drilling and Completion Report

For	n 7													v. 2008-0	1-01
CLAS	SS		FIELD O	R POOL				STATUS: TY	PE	Brine M	ning	ħ	NODE	Suspen	ded
cou	NTY	Lan	nbton	3	TOWNSHI	>	Moore			TRACT		LOT 2	25	CONC	XI
	LNAME	Do	N HC #	11						LICENC	E NO.	T0068	07		
1000 000	RATOR	1	5714 Al		fd						70.0 m	TVD	m	PBTD:	m
-	RESS		STREET, STREET		Corunna, (	Ontario N	ION 1G0			Carlo Manual Co	ID ELEV.	191.6 r	n	(abov	ė
1	OWNER	400			. Corporatio					KB/RF		195.1 r	10.00	sea lev	
	LING CONTR.	лото		IA NOL	. Corporativ			CABLE		ROTAR		100.11		360 164	9)
			ZONTAL		DIRECTIO		DEEPENIN	-	RE-ENTR)	_	WORK		] отн		
		TIO													
	LOGIST	ONT	ACTS		TOP	TVD	ELEV.	COORDINAT	ES FROM	611.4	m.N		s X	FROMI	OT LINE
010	Lake Level		7010		101			LOT BOU						-	
1.000	Drifi/Lake Bot	tom			(		1 · · · ·			<u>304.8</u>			wl		OT LINE
z	PORT LAMB				100		-	GEOGRAPHIC COORDINATES NAD27 NAD83 Surface Latitude 42.89457333 Surf. Longitude -82.4							
◄	HAMILTON	Kettl	e Point		46.0		1	Surface Latit Bottomhole L			State of the Owner	Surt. Long Bottomhole			181725 181725
z	HAMILTON	Marc	ellus		1		1	DATE DRILL			85-08		cong.	01.1	UTLU
0		Dun			187.0			DATE DRILL	ING ENDE	C	85-08	-12			
>	Second Contracts	Luca		_	4										
Щ О	RIVER		erstburg Blanc					INTER			OW 1000 I	5 RECORD		RESSURE	kPa
-		_	sislands		1								Gaint	Theorem 1	
			G unit	shale											
			F unit	shale					NIL						
			E unit	salt carb.		_									
		e	D unit	salt											
			C unit	shale			*1			INITIAL OIL RECORD					507A
			1	marker	570.0			INTER	RVAL	_	FLOW m <sup>3</sup> .	/d	A	PI GRAVIT	Υ
			B unit	sait	580.0				NIL						
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				shale							818.00				
			A2 unit	salt							WATER F				(iii) - ii
Z			A.4	enhy.			(++)	INTERVAL		LEV.FR.SURF.			TYP		
<b>▼</b>			A1 unit	carb. evap.									-		
œ		Gue	lph	Terrari	i		4		NIL			C			
2			nosa		a univer		1					-			
2	AMABEL	Goa	t Island				i								
5	AWADEL		hester				1			CASI	IG AND TU	BING REC	ORD		
			dequoit				2	SIZE	GHT SET AT HOW SET			/ SET	REC		
			nales		· · · · · · · · · · · · · · · · · · ·			339.7 mm		kg/m	93.0 m		cemented		
		Tho						244.5 mm 177.8 mm		7 kg/m 7 kg/m	574.4 m 650.6 m		cemented hanging	Go	od
		Grin	ot Head					114.3 mm		kg/m	654.0 m		hanging		
	CATARACT		itoulin											uners a	
			lood				1				LOGGING				
Z V		4	enston Mountain				1	LOGGING C	O. D INTERVA		TYPE	LOGGER'S	_		n m YPE
12			ingwood		-			670 - 0	BINTER		R-N	LOUGED	inter corte		
0		-	ourg		-										
>	TRENTON		rman Fall					Sonarwire		S	onar				
	PLACK	Kirk	field oconk											-	
2	BLACK		River			· · · · · ·	62 - Sil								
0			dow Lake								CORING	RECORD			
								SIZE						T	m 2
-	Additional geological contacts and intervals to be listed on reverse						Ē	CORED IN	TERVAL	REC	ANAL	COREDI	NTERVAL	REC	ANAL
Additional geological contacts and intervals to be listed on reverse GEOLOGY FROM LOGS SAMPLES								<u></u>		-				+	
RESULTS															
						m³/d									
GAS 10°m <sup>2</sup> /A PRESSURE kPag						10 <sup>3</sup> m <sup>3</sup> /d		DEDEST		COMPLET		OPEN HOL	E		
PRODUCING INTERVAL(S)						PERFORATED OPEN HOLE							ايسما		
Dry Hole							Salina salt								
								COMPLETION DATE:							

DRILLER'S LOG OR ADDITION			Surface 12 Tr	onnes High Early	With 2% CaCl2	and return	,
Formation	Тор	Elevation	Surface - 12 TO		WILL 276 CACI2	, yoou returns	3
			Intermediate	36 Tonnes Class	TO! with Cotur	tod Prino av	od rotur
			Intermediate -	30 Tonnes Glass	G WILL Satura	alea brine, go	oo retun
					the second s	200.0	24 - 1 I <b>1</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	_		Grout - 2 Tonn	es			
A REAL PROPERTY OF A REAL PROPER							
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			Workover - 19		5 5 5353		
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			ran sonar log				
				8			
5.0075			MIT	6			
						CENERAL SECOND	
	-						
RECORD OF WELL TREAT	MENT AND ST	MULATION					
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Base Depth						200110011001	
Formation	_	I					
Treat Fluid					KER RECORD		Deeth
Treat Amount				ype	Size		Depth
Treat Pressure					-	-	
Frac Pressure Proppant Type		0.000	· .		+		
Proppant Amt						-	
RECORD OF PROD	UCTION TEST	NG	1	RECORD OF	DRILLSTEM TE	STING	
Test Date			Test Date			1	
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Test Type			Test Company		12 12 12 12 12 12 12 12 12 12 12 12 12 1		
Top Depth	1 1 1 1		DST Type				
Base Depth			Top Depth				
Formation	_		Base Depth				
Max gas rate Max oil rate			Formation Test Result Code			-	
Init Stat Pres			Test Result Code			10000000000000000000000000000000000000	1.1
Final Stat Pres							
Flow Pressure						the second second second	
16							
projection in							
lugging Record - The plugg	ging/plug-back n	nethod is to be	e described on For	m 10 and attached	hereto.		
emarks							
Remarks	Jing/pidg-back in				TIEFERO,		
AMPLE PROCESSING FE		ION		accompany this		Ees-	
letres of bagged samples			_x \$.90 =		(A)	Fees for d	
letres of vialed samples oriz metres of bagged sam	plos		x \$.60 =		(B)	will be invo	DICOD
onz metres of bagged sam oriz metres of vialed samp			_x \$.45 = x \$.30 =		(C)		
one metres of video samp	100				(D)		
	Total (A)+/	B)+(C)+(D)		+ 5% GST	= \$		
heque for sample processi	ng fee is paval	ble to "Oil. G	as and Salt Res		, GST Registra	tion # 87316	097
the second second	S Poyle				,		
ne undersigned certifies that the ir	formation provide	d herein is com	plete and accurate ar	id that he/she has au	thority to bind the or	erator.	
A.D	2						
10 piterny		Patrick Ma	honey	12201010		Decembe	er 14, 201
ignature		Name				Date	

For Department Use	



Oil, Gas and Salt Resources Act

#### Drilling and Completion Report

Form	ז ר													v. 2008-0	1-01
CLAS	S		FIELD O	R POOL	8			STATUS: TYP	ΡE	Brine	Mining	N	IODE	Suspen	ded
cour	YTY	Lan	nbton		TOWNSHI	>	Moore			TRAC	т	LOT 2	:5	CONC	XI
	NAME	Dov	w HC #	12						LICE	VCE NO.	T00680	)9		
	RATOR		5714 AI		td.					TD;	672.0 m	TVD		PBTD:	m
ADDF				_	Corunna, (	Ontario I	VON 1G0				UND ELEV.	191.6 n		(above	
	OWNER	100			Corporatio		1011 100				F ELEV.	195.1 n		sealev	
-	ING CONTR	ACTO			ouporain	511		CABLE			ARY	100.11		300 101	
VERT			ZONTAL		DIRECTIO	NAL	DEEPENIN	-	RE-ENTRY			OVER X	OTH	R	
		1178-													
	LOGIST	ONT	ACTS		TOP	TVD	ELEV.	COORDINAT	ES FROM	61	1.4 m.N		s 🛛	FROM	OT LINE
	Lake Level							LOT BOUT							
_	Drift/Lake Bot	_									2 <u>4</u> m.E		wk		OT LINE
	PORT LAMB	-		_	46.0			GEOGRAPHI				D27		AD83	630722
<b>A</b>	HAMILTON	Ketti	e Point	_	46.0			Surface Latit		T 1.0 1 114	39454722 39454722	Carlos and the		and the second sec	630722
z	TO LUNE TO A	Marc	ellus	**				DATE DRILLI		-	85-09		i u i gi	0	
0		Duno	dee		185.0			DATE DRILLI	NG ENDE	D	85-09	-14			
>	DETROIT	Luca	100				-								
	RIVER		erstburg Blanc					INTER	VAI	T	FLOW 1000		SLPE	ESSURE	kPa
-			sislands								N BIT				
			G unit	shale											
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			E unit	salt carb.		-	1					# 360 m	(i) <del>.</del>		
		50	Dunit	salt		0.000		1		-	107 17				
		C unit sha			1						INITIAL OIL				
				marker	a summing the second second second			INTER	INTERVAL		FLOW m <sup>a</sup>	/d	AP	GRAVIT	Y
		а –	B unit	salt anhy.	579.0				NIL	-					
		S		carb.	- 112		1					3			
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			A2 unit	suit						1	WATER			TYPE	-
Z Z			A1 unit	enhy. carb.				INTER	VAL	-	LEV.FR	SURF.		TTPE	-
12	-			evap.						1			***>***		
₩		Gue	lph						NIL						
2		Eran	nosa t Island								214	_			
2	AMABEL	Gas			-								_		
S S	,		hester							CA	SING AND TU	JBING REC	ORD		
			dequoit					SIZE	WEIGI		SET AT	HOW SET			EC
			nales					339.7 mm		4 kg/m 7 kg/m			cemented cemented	God	bd
1 3		Thor Grin	the second se					244.5 mm 177.8 mm		7 kg/m			hanging		
			ot Head					114.3 mm		1 kg/m			hanging		150
	CATARACT	100.00.00	itoulin												
z		-	ripcol enstan					LOGGING C	<u></u>	V.	LOGGING	LOGGER'S	TD	N/A	n n
A			Mountain						DINTERVA	AL.	TYPE	LOGGED			YPE
-		Colli	ingwood					672 - 0			GR-N				· · · · · · · · · · · · · · · · · · ·
0			ourg		(i) (ii)	1 II - 63		575 - 40			Bond				
>	TRENTON	Kirk	rman Fall		-			Sonarwire			Sonar				
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≃	RIVER	Gull	River	_											
0	<u> </u>	Sha	dow Lake	_	_			0.77			CORING	RECORD			
	BRIAN CAMBRIAN							SIZE CORED IN	TERVAL	R	EC ANAL	CORED	NTERVAL	REC	ANAL
		al con	tacts and i	ntervals t	o be listed on r	everse		GOTTED		1					
GEO	Additional geological contacts and intervals to be listed on reverse GEOLOGY FROM LOGS SAMPLES							_							
				RESUL	.T <b>S</b>			-					-		
GAS		-					m³/d 10 <sup>3</sup> m³/d	DISPOSITIO	N UF COR	E	COMPLET	ION DATA			
	SSURE						kPag		PERFOR	RATED			OPEN HOL		
	DUCING INTE	RVA	L(S)					PRODUCING	FORMAT	ION(S					_
-	Dry Hole						Salina salt								
1								COMPLETIO	N DATE:						

Formation	Тор	Elevation	Surface - 12 Tonnes High	Early with 2% CaCl2, good	returns
					////
			Intermediate - 37 Tonnes	Class "G" with Saturated B	rine, no returns
			Grout - 9.8 Tonnes		
	1				
					-
			Workover - 1991		
		\$	repositioned mining atrings		30,000 (m) (m) (m)
		i –	ran sonar log		
			MIT		
aan aa aaa					
		1			
RECORD OF WELL TREAT	MENT AND ST	MULATION			
I reatment Date					
Treatment No.					
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Base Depth					
Base Depth Formation					
Base Depth Formation Treat Fluid				PACKER RECORD	
Base Depth Formation			Туре	PACKER RECORD Size	Depth
Base Depth Formation Treat Fluid Treat Amount			Туре		Depth
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Plugging Record -The plugging/plug-back method is to be described on Form 10 and attached hereto. Remarks

SAMPLE PROCESSING FEE CALCULATION	*Payment m	ust accompany this form.	
Metres of bagged samples Metres of vialed samples	x \$.90 = x \$.60 =	(A) (B)	Fees for drill core will be invoiced
Horiz metres of bagged samples	x \$.45 =	(C)	
Horiz metres of vialed samples	x \$.30 =	(D)	
Total (A)+(B)+(C)	+(D)	+ 5% GST	= \$
Cheque for sample processing fee is payable to "		esources Trust", GST	Registration # 873160097

The undersigned certifies that the information provided herein is complete and accurate and that he/she has authority to bind the operator.

Signature

Patrick Mahoney Name

December 14, 2014 Date

1	For Department Use		
			1911 - <b>1919 - 1919 - 1919</b>
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Oil, Gas and Salt Resources Act

#### Drilling and Completion Report

For	m 7													v. 2008-01	-01		
CLAS	SS		FIELD O	R POOL				STATUS: TYP	ΡE	Brine Mi	ning		MODE	Suspend	ded		
cou	NTY	Lan	bton		TOWNSHI	Р	Moore			TRACT		LOT	24	CONC	XII		
	LNAME	Dov	v #45							LICENC	E NO.	T0034	126				
	RATOR			berta Lt	d.	_					61.3 m	TVD	m	PBTD:	m		
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		ACTO		la NGL	Corporau	Un		CABLE		ROTAR		100.2		362 1646	a)		
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z	PORT LAMB							GEOGRAPHI				D27		AD83	X		
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1.000								COMPLETIO	N DATE:								

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For Department Use	
-pack or receasing.	Snjd

Note 1: The well name shall be the Ministry within sixty days after the end of boring, deepening, workover, stimulation, Note 2: This form is to be forwarded to the Ministry within sixty days after the end of boring, defining, deepening, workover, stimulation,

Signature

3

Patrick Mahoney

Date December 14, 2014

0 The undersigned certifies that the information provided herein is complete and accurate and that he/she has authority to bind the operation,

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70001578 # no	terteigeA TSO ,	"tsunT securces Trust"	Cheque for sample processing fee is payable to "Oil, G
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	(c)	= 97.\$ x	Horiz metres of bagged samples
will be invoiced	(B)	= 09.\$ ×	seldmss belsiv to serteM
Fees for drill core	(∀)	= 06'\$ ×	seldmss beggsd to sevel
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Oil, Gas and Salt Resources Act

#### Drilling and Completion Report

For	n 7														v.	2008-01	-01
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Plugging Record -The plugging/plug-back method is to be described on Form 10 and attached hereto. Remarks

SAMPLE PROCESSING FEE CALCULATION	*Payment m	ust accompany this	form.	
Metres of bagged samples	x \$.90 ≈		(A)	Fees for drill core
Metres of vialed samples	x \$.60 =		(B)	will be invoiced
Horiz metres of bagged samples	x \$.45 =		(C)	
Horiz metres of vialed samples	x \$.30 =		(D)	
Total (A)+(B)+(C)+	(D)	+ 5% GST	<sup></sup>	- \$
Cheque for sample processing fee is payable to "O	II, Gas and Salt R	esources Trust"	, GST Re	gistration # 873160097

The undersigned certifies that the information provided herein is complete and accurate and that he/she has authority to bind the operator.

Signature

in

Patrick Mahoney Name

December 14, 2014 Date

For Department Use	



Oil, Gas and Salt Resources Act

#### Drilling and Completion Report

For	m 7													v. 2008-0	1-01
CLA	SS		FIELD C	R POOL				STATUS: TY	PE	Brine	Mining		MODE	Suspen	ded
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		200		marker	576.0	-	· · · · ·	INTER	VAL	_	FLOW r	n <sup>3</sup> /d	1	API GRAVITY	1
		-	B unit	salt anhy.	583.0					ŧ					
		s	-	carb.	673.0					1					
				shale										_	-
			A2 unit	salt	718.0							RECOR	C		
N V				anhy.	751.0			INTER	VAL	-	LEV F	R.SURF.		TYPE	
			A1 unit	carb. evap.											
œ		Gue	lph	Teventer											
⊐		Eran				_									
-	AMABEL	_	t Island		_					-					
s s	AWADEL	Gas	nester							CA	SING AND	TUBING F	ECORD		
			fequoit					SIZE	WEIG		SET AT		OW SET	R	EC
			nales					339.7 mm		3 kg/m	62.5 r	n	cemente	d Goo	d
		Thor						244.5 mm	53 7	7 kg/m	597.9 r	n	cemente	d Goo	bd
		Grin	ot Head												
	CATARACT									_		1			
			lood									G RECOR			
z ∢			enston Mountain					LOGGING CO	D. DINTERVA		t Guns TYPE		R'S T.D.	N/A	
2			ngwood					752 - 500	JINTERVA	ιL	G/N	LUGG	ED INTERVA	L TY	PE
υ		Cob	-			A.,	-	752 - 0			Calper				
>	TRENTON	-	man Fall					Sonarwire			Sonar				
0	DI AOI/	Kirkf												-	
2	BLACK	Services.	oconk River		-										
0		and a specific sectors.	fow Lake								CORING	RECOR	D	-	
minister	BRIAN	_						SIZE							
A COLUMN AND A	CAMBRIAN	al	la alc. e	alan of the	he Barrel			CORED IN	TERVAL	RE	EC ANA	CORE	DINTERVAL	REC	ANAL
	itional geologic		tacts and in		MPLES	everse									
				RESULT	and the second second							1			
OIL							m³/d	DISPOSITION	OF COR	E					-4
GAS							10 <sup>3</sup> m <sup>3</sup> /d				COMPLE	TION DA			
	SSURE DUCING INTE		(8)			_	kPag	PRODUCING	PERFOR				OPEN HO	ILE	
r no		vAl	-(0)	Dry ho	le			PRODUCING	A2 Salt F						
								COMPLETION							

Formation	Top Elevat	on Surface - 8 Tonnes with	2% CaCl2, with good	returns
. orniduon			Subie, milli good i	
		Internet distance of Trans	· · · · · ·	
		Intermediate - 33 Tonne	es neat	
		Workover 2011		
		the second s	ing string	
		removed 177.8 mm hang	ling string	
		installed API 3000# wellh	nead	
		sonar 1991		
		MIT		
RECORD OF WELL TREATME	NT AND STIMULATIC	DN		
realment Date				
Treatment No.				
Treat, Type				
Top Depth				
Base Depth				and the second
Formation				
Treal Fluid			PACKER RECORD	
Treat Amount		Туре	Size	Depth
Treat Pressure				
Frac Pressure				
Proppant Type Proppant Amt				
	TION TECTING			
RECORD OF PRODUC	TION TESTING		RD OF DRILLSTEM TE	STING
Test No.		Test Date		
Test Type		Test No. Test Company		
Top Depth		DST Type		
Base Depth		Top Depth		
Formation		Base Depth		
Max gas rate		Formalion		
Max oil rate		Test Result Code		
Init Stat Pres				
Final Stat Pres				
Flow Pressure				
ugging Record - The plugging	/plug-back method is t	be described on Form 10 and a	ittached hereto.	
emarks	-			
*****				
MPLE PROCESSING FEE	CALCULATION	*Payment must accompa	ny this form.	
etres of bagged samples		x \$.90 =	(A)	Fees for drill core
etres of vialed samples	0	x \$.60 =	(B)	will be invoiced
oriz metres of bagged sample		x \$.45 =	(C)	
oriz metres of vialed samples		x \$.30 =	(D)	
in the second	Total (A)+(B)+(C)+(			
leque for sample processing	fee is payable to "Oi	, Gas and Salt Resources Tru	ust", GST Registra	tion # 873160097
e undersigned certifies that the inform	nation provided herein is r	complete and accurate and that he/she	e has authority to bind the op	erator.
	1			
1- 1	Patrick	<u>Mahoney</u>		December 14, 201
At ulu				Date
At ulu	Name			
meture the	Х Nате			
nature te 1: The well name shall be that	Name at name which appears	on Form 2 and shall not be chan	ged without approval by t	the Minister.
nature te 1: The well name shall be that te 2: This form is to be forwarde	Name at name which appears	on Form 2 and shall not be chan sixty days after the end of boring	iged without approval by t , drilling, deepening, wor	the Minister. kover, stimulation,
nature te 1: The well name shall be that	Name at name which appears	on Form 2 and shall not be chan sixty days after the end of boring For Department Use	iged without approval by t , drilling, deepening, wor	the Minister. kover, stimulation,



UII, Gas and Salt Resources Act

#### Drilling and Completion Report

For	n 7													v. 2008-	01-0	1
CLAS	s		FIELD O	R POOL				STATUS: TYPE	E 8	rine Minin	g		MODE	Suspe	nde	d
cou	NTY	Lan	bton		TOWNSHI	>	Moore		т	RACT		LOT	24	CONC	;	XI
	LNAME	1.0.51	w # 65						1		NO.	T005	553			
	RATOR		5714 AI	berta Li	id.					1,652,5	8.5 m	TVD		n PBTD:		m
	RESS				Corunna, C	Interio I	NON 1G0			ROUND	000 S - ( 1 ) P - (	192.6		(abc	N/A	
	OWNER	400	Contraction of Astronomy	and Second and	Corporatio		1011 100			B/RF ELE		196		sealo		
	LING CONTR	ACTO			Corporatio	<i>/</i> /1		CABLE	1.7	OTARY	the second s	- 100		Sealic	very	
-		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ZONTAL		DIRECTION	VAL	DEEPENIN		E-ENTRY				] ດາ	THER	1	
<u> </u>									1					·	<u> </u>	
_	LOGIST	ONT	ACTS		TOP	TVD	ELEV.	COORDINATE	S FROM	327.3	m.N		sΠ	FROM	LOT	LINE
	Lake Level		7010		101			LOT BOUN		01.1.0						
	Drift/Lake Bo	ttom								<u>244.2</u>			wL	FROM	LOT	LINE
z	PORT LAMB			_				GEOGRAPHIC				D27		NAD83		X
<u>ح</u>	HAMILTON	Ketti	e Point					Surface Latitud Bottomhole Lat				Surf. Lon Bottomhol		-82.4		
z	HAWIETON	Marc	ellus	1.1				DATE DRILLIN			81-03		o Long.	02.4	102	0000
0		Dune						DATE DRILLIN			81-03	-11			18-1	
>	DETROIT	Luca													_	
	RIVER		erstburg		-		-	INTERV			IAL GA	S RECOR		PRESSUR		20
			Blanc Islands				1	INTERV		1101	10001	1170	5.1.	FRESSUR		8
		-	G unit	shale												
			Funit	shala									123			_
				salt												
		10	E unit D unit	carb. salt					_							
		=	C unit	shala						INIT	TAL OIL	RECOR	)			
				marker	574.0			INTERV	AL	FL	OW m <sup>3</sup>	/d		API GRAVI	TY	_
		-	B unit	salt	579.0					_					_	
		87 CO		anhy. carb.	672.0		-									
		÷.,		shale	072.0								1		-	
			A2 unit	salt	718.0					W	ATER F	RECORD				
z				anhy.	751.0			INTERV	AL	1121-	LEV.FR.	SURF.		TYF	ΡE	
<			A1 unit	carb.									_			
2		Gue	lph	evap.					~				- i			
5		Eran														
-			t Island				-									
_ s	AMABEL	Gas	port hester							CASING		BING RE	COPD			
‴			leguóit					SIZE	WEIGHT		TAT		W SET	T	REC	
			nales					339.7 mm	81.1 k		62.0 m		cemente	d G	boo	
		Thor		_				244.5 mm	53.7 k		590.5 m		camente	a second second second second	boo	
		Grin					20.	177.8 mm	29.76 k	g/m 6	640.0 m	_	hanging	-	_	
	CATARACT		ot Head											_		
		-	fpool							LO	GGING	RECORD				
z			enston		-			LOGGING CO.		computalo	· · · · · ·	LOGGER	_		49	m
<			Mountain					LOGGED 748.5 - 0	INTERVAL	G/N	YPE	LOGGED	INTERV/	AL 1	TYPE	
5		Cob	ngwood					748.5 - 0		Calp	ar					
Š	TRENTON	-	man Fall					Sonarwire		Sona						
0		Kirkf	īeld													
<b>a</b>	BLACK	-	oconk				_				0.1				_	_
6	RIVER		River dow Lake				-				OPING	RECORD			_	-
<u> </u>	BRIAN	IONA	JON Lake					SIZE			oraito	LUUILE				
PRE	CAMBRIAN							CORED INT	ERVAL	REC	ANAL	CORED	INTERVA	L REC		ANAL
10000	itional geologic		tacts and i			everse								_	_	
GEO	LOGY FROM L	.OGS			AMPLES L		_								-+	n 22
OIL		1		RESUL	0		m³/d	DISPOSITION	OF CORF							0.000
GAS							10 <sup>9</sup> m <sup>9</sup> /d			co	MPLET	ION DATA				
	SSURE						kPag		PERFORA				OPEN HO	DLE		
PRO	DUCING INTE	RVA	L(S)	Dart			in the second second	PRODUCING	ORMATIO		1					
				Dry h	018		_	COMPLETION	Contraction Section 1	ounonor				_	-	

		******
	Mark and an American Street	
ent Use	For Departm	
		hug-back or recasing.

Note 2: This form is to be forwarded to the Ministry within sixty days after the end of boring, dilling, deepening, workover, stimulation, Note 1: The well name shall be that name which appears on Form 2 and shall not be changed without approval by the Minister.

DIS

DRIFLER'S LOG OR ADDITIONAL GEOLOGICAL CONTACTS

7 afip. - / IIIIo.

эшьИ Patrick Mahoney

Date December 14, 2014

The undersigned certifies that the information provided herein is complete and accurate and that helehe has authority to bind the operator.

260091678 # no	, GST Registrat	"teurT secources field bus set	Cheque for sample processing fee is payable to "Oil, C
	\$ =	+ 5% GST	(D)+(D)+(B)+(A) leioT
	(a) <sup>—</sup>	= 06.\$ ×	-toriz metres of visits balances
	(c)	= 97.\$ ×	-foriz metres of bagged samples
beciovni ed Iliw	(B)	= 09'\$ X	Netres of visited samples
Fees for drill core	(¥)	= 06'\$ ×	seldmes begged to seven
	.miot a	Payment must accompany this	SAMPLE PROCESSING FEE CALCULATION

		described on Form 10 and attach		1
4				
				Flow Pressure
				ear9 Jist2 lisni-
				sent Pres
		Test Result Code		eten lio xeM
		Formation		eten aag xeM
		Base Depth		nottermo-T
		Top Depth		Base Depth
		DSTType		Top Depth
1		Test Company		TestType
		Test No.		.oN ISB
1		Test Date		ate Date
	F DRILLSTEM TESTING	KECOKD O	UCTION TESTING	RECORD OF PROD
	•			fmA insequent
				Proppart Type
				Frac Pressure
				Treat Pressure
Dep	əzis	eqt T		Treat Amount
	CKER RECORD	49		Treat Fluid
		the state of the s	-	Formation
				Base Depth
				Top Depth
				Treat. Type
	1.000			Treatment No.
				Treatment Date
			NOITAJUMITE GNA TNEM	RECORD OF WELL TREAT
		TIM		
1 1 1 1 1 1 V	1 ¥ 111 1	ten sonar log		
		Workover 2007		
retums	t Saturated Neat good	Intermediate - 33 Tonnes Sal		
		000100 01 00000 00 - 30010		
		Grout - 30 sacks to surface		
		Surface - 8 Tonnes with 2% C	Top Elevation	rottamo

CEMENTING RECORD



Oil, Gas and Salt Resources Act

#### Drilling and Completion Report

For	n 7											V. 2	2008-01-0	11
CLAS	s		FIELD O	R POOL				STATUS: TYP	É Brin	e Mining	MODE	Su	Ispende	bd
COU	NTY	Lam	bton		TOWNSHI	P	Moore		TR/	ACT	lot 24	CC	NC )	ĸ
	LNAME		v # 66							ENCE NO.	T005552			
	RATOR		5714 All	oorta I	td				TD:		TVD	m PE	BTD:	m
	RESS		Summer and	7.00000	Corunna,	Ontario	NON 1CO	CITCH I			192.5 m		(above	
		435		-		1					196 m	٤.		
	OWNER			ia NGL	. Corporati	оп		CARLE			190 11	- 10 ( 1000 1	sea level)	
	LING CONTR	Carlos Artic	ere a service of the		DIRECTIO		DEEPENIN					OTHER		
	TICAL	HUR	ZONTAL		DIRECTIO		DEEPENIN			J WORK		UTHER		
	LOGIST	ONT	1070				EL EL			070 m N	n s		ROM LOT	
GEC	LOGICAL C	ONT	ACTS		TOP	מעד	ELEV.	LOT BOUN		<u>127.3</u> m.N	3	XF	ROMILUI	
	Drift/Lake Bot	tom								<u>243</u> m.E	x w	E F	ROM LOŢ	LINE
z	PORT LAMB	TON						-	COORDINAT		D27	NAE		X
◄		Kettle	e Point				Sac	Surface Latitu			Surf. Longitude	10000000	32.4111 32.4111	
z	HAMILTON	Marc	ollug	_	_		-	Bottomhole La		81-03-	Bottomhole Long	-(	52,4111	3122
6		Dunc						DATE DRILLI		81-03-				
>	DETROIT	Luca												
ш	RIVER		erstburg		_					INITIAL GAS				
0			Blanc		545-545 (D. 647			INTER	/AL	FLOW 1000 r	n7a	S.I. PRES	SURE KP	'a
		Dass	Gunit	shale										
			F unit	shale										
				salt										
			E unit	carb.	1						1.000		ar + + + + + + + + + + + + + + + + + + +	
		9 2	D unit C unit	salt shale			-			INITIAL OIL	RECORD			-
				marker	573.0			INTER	/AL	FLOW m <sup>3</sup>	/d	API GI	RAVITY	
		-	B unit	salt	580.0			-						
		63	<u> </u>	anhy.	669.0									
		တ		carb. shale	009.0									
h 1			A2 unit	salt	715.0					WATER F	RECORD			
z				anhy.	746.0			INTER	VAL	LEV.FR.	SURF.		TYPE	
4			A1 unit	carb.			_						_	
2		Guel	Dh	evap.	4						17 10 100 1 100 100 100 100 100 100 100		_	_
5		Eran	140.000											
1			Island	_										
0	AMABEL	Gas	oort nester							ASING AND TI	BING RECORD			
<b>"</b>			lequoit			- 22	1.12	SIZE	WEIGHT	SETAT	HOW SET	· 1	REC	;
		<u> </u>	ales							m 61.0 m			Good	
		179M	10100				10	339.7 mm	81.1 kg/	01.0 11	çem	ented	0000	_
		Thor	old					244.5 mm	53.7 kg/	m 592.0 m	cem	ented	Good	
		Thor	old Isby							m 592.0 m	cem			
	CATARACT	Thor Grim Cabo	old isby ot Head					244.5 mm	53.7 kg/	m 592.0 m	cem	ented		
	CATARACT	Thor Grim Caba Mani	old isby ot Head					244.5 mm	53.7 kg/	m 592.0 m	cem han	ented	Good	
z	CATARACT	Thor Grim Cabo Mani Whir Que	old Isby It Head Itoulin Ipool Inslon					244.5 mm 177.8 mm LOGGING CC	53.7 kg/ 29.76 kg/ ). Co	m 592.0 m m 700.0 m LOGGING mputalog	cem han RECORD LOGGER'S T.D.	ging	Good 746	
◄	CATARACT	Thor Grim Caba Mani Whir Que Blue	old isby ot Head itoulin tpool enston Mountain					244,5 mm 177.8 mm LOGGING CC LOGGED	53.7 kg/ 29.76 kg/	m 592.0 m m 700.0 m LOGGING mputalog TYPE	cem han RECORD	ging	Good	
<b>▼</b>   -	CATARACT	Thor Grim Cabo Mani Whin Que Blue Colli	old isby ot Head itoulin itpool enston Mountain ngwood					244.5 mm 177.8 mm LOGGING CC LOGGED 748.0 - 0	53.7 kg/ 29.76 kg/ ). Co	m 592.0 m m 700.0 m LOGGING mputalog TYPE G/N	cem han RECORD LOGGER'S T.D.	ging	Good 746	
◄	CATARACT	Thor Grim Cabo Mani Whir Que Blue Colli	old isby ot Head itoulin itpool enston Mountain ngwood					244,5 mm 177.8 mm LOGGING CC LOGGED	53.7 kg/ 29.76 kg/ ). Co	m 592.0 m m 700.0 m LOGGING mputalog TYPE	cem han RECORD LOGGER'S T.D.	ging	Good 746	
OVCIA	TRENTON	Thor Grim Caba Mani Whir Que Blue Colli Cobi Sher Kirkf	old isby itoulin itoulin ipool enston Mountain ngwood ourg man Fall ield					244.5 mm 177.8 mm LOGGING CC LOGGED 748.0 - 0	53.7 kg/ 29.76 kg/ ). Co	m 592.0 m m 700.0 m LOGGING mputalog TYPE G/N	cem han RECORD LOGGER'S T.D.	ging	Good 746	
DOVCIA	TRENTON	Thor Grim Cabo Mani Whir Que Blue Colli Cobo Sher Kirkf	old isby toulin tpool enston Mountain ngwood ourg man Fall ield oconk					244.5 mm 177.8 mm LOGGING CC LOGGED 748.0 - 0	53.7 kg/ 29.76 kg/ ). Co	m 592.0 m m 700.0 m LOGGING mputalog TYPE G/N	cem han RECORD LOGGER'S T.D.	ging	Good 746	
RDOVCIA	TRENTON	Thor Grim Caba Mani Whir Que Blue Colli Coba Sher Kirkf Coba Gull	old isby the Head thoulin tpool enston Mountain ngwood ourg man Fall field pconk River					244.5 mm 177.8 mm LOGGING CC LOGGED 748.0 - 0	53.7 kg/ 29.76 kg/ ). Co	m 592.0 m m 700.0 m LOGGING mputalog TYPE G/N	cemi han RECORD LOGGER'S T.D. LOGGED INTE	ging	Good 746	
ORDOVCIA	TRENTON	Thor Grim Caba Mani Whir Que Blue Colli Coba Sher Kirkf Coba Gull	old isby toulin tpool enston Mountain ngwood ourg man Fall ield oconk					244.5 mm 177.8 mm LOGGING CC LOGGED 748.0 - 0	53.7 kg/ 29.76 kg/ ). Co	m 592.0 m m 700.0 m ELOGGING mputalog G/N Calper	cemi han RECORD LOGGER'S T.D. LOGGED INTE	ging	Good 746	
V I D A O Q Z O CAW PRE	TRENTON BLACK RIVER IBRIAN	Thor Grim Cabo Mani White Colli Cobi Shee Kinkf Cobi Gull Shee	old isby the Head itoulin tpool enston Mountain ngwood ourg man Fall ield zoonk River dow Lake					244.5 mm 177.8 mm LOGGING CC LOGGEL 748.0 - 0 748.0 - 0	53.7 kg/ 29.76 kg/ ). Co: INTERVAL	m 592.0 m m 700.0 m ELOGGING mputalog G/N Calper	cemi han RECORD LOGGER'S T.D. LOGGED INTE	ented ging RVAL	Good 746	
V J J J J J J J J J J J J J J J J J J J	TRENTON BLACK RIVER TBRIAN CAMBRIAN	Thor Gdm Cabo Mani White Blue Colli Sher Kinkf Cobo Sher Kinkf Cobo Sher Kinkf Cobo Sher Kinkf Cobo Sher Kinkf Cobo Sher Sher Kinkf Cobo Sher Cabo Sher Cabo Mani White Cobo Sher Cabo Mani White Collis Sher Cobo Cobo Sher Cobo Sher Cobo Sher Cobo Sher Cobo Cobo Sher Cobo Cobo Cobo Sher Cobo Sher Cobo Sher Cobo Sher Cobo Sher Cobo Sher	old isby the Head itoulin tpool enston Mountain ngwood ourg man Fall ield zoonk River dow Lake	ntervals t		reverse		244.5 mm 177.8 mm LOGGING CC LOGGEU 748.0 - 0 748.0 - 0 748.0 - 0 SIZE	53.7 kg/ 29.76 kg/ ). Co: INTERVAL	m 592.0 m m 700.0 m ELOGGING mputalog TYPE G/N Calper Colper	cemi han RECORD LOGGER'S T.D. LOGGED INTE RECORD	ented ging RVAL	Good 746 TYPE	
V J J J J J J J J J J J J J J J J J J J	TRENTON BLACK RIVER IBRIAN	Thor Gdm Cabo Mani White Blue Colli Sher Kinkf Cobo Sher Kinkf Cobo Sher Kinkf Cobo Sher Kinkf Cobo Sher Kinkf Cobo Sher Sher Kinkf Cobo Sher Cabo Sher Cabo Mani White Cobo Sher Cabo Mani White Collis Sher Cobo Cobo Sher Cobo Sher Cobo Sher Cobo Sher Cobo Cobo Sher Cobo Cobo Cobo Sher Cobo Sher Cobo Sher Cobo Sher Cobo Sher Cobo Sher	old isby the Head itoulin tpool enston Mountain ngwood ourg man Fall ield zoonk River dow Lake	ntervals t ç	SAMPLES (	reverse		244.5 mm 177.8 mm LOGGING CC LOGGEU 748.0 - 0 748.0 - 0 748.0 - 0 SIZE	53.7 kg/ 29.76 kg/ ). Co: INTERVAL	m 592.0 m m 700.0 m ELOGGING mputalog TYPE G/N Calper Colper	cemi han RECORD LOGGER'S T.D. LOGGED INTE RECORD	ented ging RVAL	Good 746 TYPE	
V J J J J J J J J J J J J J J J J J J J	TRENTON BLACK RIVER TBRIAN CAMBRIAN	Thor Gdm Cabo Mani White Blue Colli Sher Kirkf Cobo Sher Kirkf Cobo Sher Kirkf Cobo Sher Kirkf Cobo Sher Kirkf Cobo Sher Sher Kirkf Cobo Sher Cabo Mani White Sher Cabo Mani White Sher Cobo Cobo Cobo Cobo Sher Cobo Cobo Cobo Cobo Cobo Cobo Cobo Cob	old isby the Head itoulin tpool enston Mountain ngwood ourg man Fall ield zoonk River dow Lake	ntervals t	SAMPLES (	reverse	m <sup>3</sup> /d	244.5 mm 177.8 mm LOGGING CC LOGGEU 748.0 - 0 748.0 - 0 748.0 - 0 SIZE	53.7 kg/ 29.76 kg/ 0. Co INTERVAL	m 592.0 m m 700.0 m ELOGGING mputalog TYPE G/N Calper Colper	cemi han RECORD LOGGER'S T.D. LOGGED INTE RECORD	ented ging RVAL	Good 746 TYPE	
V I D A O Q V O CAV PRE Add GEO OIL GAS	TRENTON BLACK RIVER IBRIAN CAMBRIAN Ittional geologic LOGY FROM L	Thor Gdm Cabo Mani White Blue Colli Sher Kirkf Cobo Sher Kirkf Cobo Sher Kirkf Cobo Sher Kirkf Cobo Sher Kirkf Cobo Sher Sher Kirkf Cobo Sher Cabo Mani White Sher Cabo Mani White Sher Cobo Cobo Cobo Cobo Sher Cobo Cobo Cobo Cobo Cobo Cobo Cobo Cob	old isby the Head itoulin tpool enston Mountain ngwood ourg man Fall ield zoonk River dow Lake	ntervals t ç	SAMPLES (	reverse	m <sup>3</sup> /d 10 <sup>3</sup> m <sup>3</sup> /d	244.5 mm 177.8 mm LOGGING CC LOGGED 748.0 - 0 748.0 - 0 748.0 - 0 748.0 - 0 748.0 - 0 748.0 - 0	53.7 kg/ 29.76 kg/ 0. Co INTERVAL	m 592.0 m m 700.0 m FUDGGING mputalog G/N Calper Colper CORING	CORED INTER	RVAL	Good 746 TYPE	
V - O Q Y O CAW PRE Add GEO OIL GAS PRE	TRENTON BLACK RIVER IBRIAN CAMBRIAN ittional geologic bLOGY FROM L	There Grim Cabo Mani Whit Que Blue Colli Cobi Sher Kirkf Cobi Guil Shad	old isby at Head toulin toulin fpool enston Mountain ngwood ourg man Fall field oconk River dow Lake	ntervals t ç	SAMPLES (	reverse	m <sup>3</sup> /d	244.5 mm 177.8 mm 177.8 mm LOGGING CC LOGGED 748.0 - 0 748.0 - 0 748.0 - 0 748.0 - 0 SIZE CORED IN	53.7 kg/ 29.76 kg/ 0. Co 0. INTERVAL TERVAL	m 592.0 m m 700.0 m LOGGING mputalog G/N Calper Colper CORING	CORED INTER	ented ging RVAL	Good 746 TYPE	
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Formation	Тор	Elevation	Surface - 9 Tonnes Kali	crete with 2% CaCl2, w	vith good returns
			Intermediate - 33 Tonne	and returns	
			Intermediate - 53 Tonne	es , good returns	
		(	Grout - 2 Tonnes		
				www.co.co.co.co.co.co.co.co.co.co.co.co.co.	
	N. C.		Workover		
			MIT		
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Test Type			Test Company		
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Max oil rate			Test Result Code		
Init Stat Pres					
Final Stat Pres					
Flow Pressure			1111 2-1 <del>14 14 14 14</del>		
		a		1	
	ging/plug-back m	ethod is to be	e described on Form 10 and	attached hereto.	
	addenine ir ir	4 M.	2		
Iugging Record -The plugg emarks		ON	*Payment must accomp	any this form.	
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emarks AMPLE PROCESSING FE etres of bagged samples letres of vialed samples		ON	x \$.90 = x \$.60 =	(A) (B)	Fees for drill core will be invoiced
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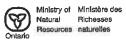
Oil, Gas and Salt Resources Act

#### **Drilling and Completion Report**

For	n 7													v. 2008-0	1-01		
CLAS	s		FIELD O	R POOL				STATUS: TYP	Έ	Brine Mining	1		MODE	Suspen	ded		
cou		Lan	nbton		TOWNSHIP	,	Moore			TRACT		LOT	24	CONC	XI		
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	OWNER			na NGL	Corporatio	n			-1	KB/RF ELE		196.7	m	sea lev	el)		
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VER		HOP	RIZONTAL		DIRECTION		DEEPENIN		RE-ENTRY		WORK		ОТН				
_	LOGIST											_	a 177				
GEC	LOGICAL C	ONT	ACTS		TOP	TVD	ELEV.	LOT BOUN		434,4	m.N		s X	FROMI	OTLINE		
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z	PORT LAMB	ron						GEOGRAPHIC	COORD	INATES	NAI	027		IAD83	X		
◄		Ketti	e Point					Surface Latitu		42.89603	the second s		-	press and the second se	795278		
-   z	HAMILTON	Marr	ellus				4	Bottomhole La		42.89603	81-02-		hole Long.	-82.40	795278		
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>	DETROIT	Luca			£												
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9		Tho				_		244.5 mm			91.4 m		cemented	Go	od		
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						10. HOLE 1
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etres of vialed samples		x \$.60 =		(B)	will be inv	oiced
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riz metres of vialed samples		_x \$.30 =		_(D)		
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eque for sample processing lee is	payable to Oil, G	sas anu sait rieso	urces musi	, GOT Registi	14001 # 07510	0037
undersigned certifies that the information p	vovidad horain is com	inlate and accurate and	d that he/ehe has au	lbority to bind the	operator	
	lovided nerein is com	ipiete and accurate and			operator.	
No alim	Patrick Ma	honev			Decemb	er 14, 20
nature	Name				Date	
//						
te 1: The well name shall be that name						
te 2: This form is to be forwarded to the	e Ministry within six	ty days after the end	d of boring, drilling	g, deepening, wa	orkover, stimula	tion,
g-back or recasing.						
		For Department Us	se			

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Oil, Gas and Salt Resources Act

#### **Drilling and Completion Report**

For	n 7													v. 2008-01-01	1
CLAS			FIELD O	R PÓÓL				STATUS: TYP	E	Brine Mi	ning	M	IODE	Suspender	d
cou		Lan	bton		TOWNSHIP	, ,	Moore			TRACT LOT 24 CONC XI					a
-	LNAME	1-2-5	w # 68							LICENC	Contractor of the	T00521	7		
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		65		anhy.	672.0										
		S		carb. shale	072.0		-			-					_
	A2 unit salt		714.5						WATER	RECORD					
z				anhy.	749.5			INTER	VAL		LEV.FR.	SURF.		TYPE	
∣∢			A1 unit	carb.							10.05.00		weighter the		÷
- 		Gue	Inh	evap.			1			1					
5			nosa												
-		Goa	t Island												
-	AMABEL	Gas								0.00			000		
S		-	hester dequoit					SIZE	WEIG		SET AT	JBING REC HOW		REC	
			nales				** ** **	339.7 mm		1 kg/m	62,0 m		cemented	Good	
ļ ,		Tho	rold					244.5 mm		7 kg/m	592 m		cemented	Good	
έ.		-	nsby					177.8 mm	29.7	6 kg/m	700 m		hanging		
	CATARACT	-	ot Head			_									
1		-	ripool				-	4			LOGGING	RECORD			
z	<u></u>		enston					LOGGING CO		Compu		LOGGER'S		751	r
<		<u> </u>	Mountain					LOGGED 751 - 575	INTERV		TYPE /N	LOGGED	INTERVAL	TYPE	-
5			ingwood ourg					751 - 575			alper			100 march 100 million	
>	TRENTON		rman Fall												
0			field												
	BLACK	-	oconk							-					
0	RIVER		River dow Lake			and play sets					CORING	RECORD			
-	BRIAN	1.01 84						SIZE							
	CAMBRIAN							CORED IN	TERVAL	REC	ANAL	COREDI	NTERVAL	REC	ANAL
	litional geologic	11.0	itacts and l			everse	111-5-11-11			а <b>с</b>	_			1	
GEO	LOGY FROM L	OGS		S RESUL	AMPLES L		0110400								
OIL		T		REQUE	13		m³/d	DISPOSITION	N OF COR	Æ				1	
GAS	I						10 <sup>3</sup> m <sup>3</sup> /d				COMPLET	TON DATA			
inequal to a	SSURE	1					kPag		PERFO	I. S. S. Statistics of Street		(	OPEN HOL	E	
PRC	DUCING INT	RVA	L(S)	Dry h	ole			PRODUCING	A2 Salt	the statement and store	tion				
-				Jyn				COMPLETIO							

Example -	Test	Elevation	Surface - 8 Tonnes with 2% CaCl2 Neat with good returns						
Formation	Тор	Elevation	Surface - 6 Torin			Jou returns	- ×		
		1	Intermediate - 33	3 Tonnes Salt S	Saturated Kalico	ete. good retu	ns		
	· · · · · · · · · · · · · · · · · · ·		internetate of	o ronneo oun c		sto, good rota			
			Grout - 1 Tonnes	3					
			Workover						
					-		76-752		
			міт						
			ļ						
4							(1-03)		
RECORD OF WELL TR	EATMENT AND STI	MULATION					_		
Treatment Date									
Treatment No.				Ô					
Treat. Type									
Top Depth									
Base Depth									
Formation		1							
Treat Fluid				PACI	KER RECORD				
Treat Amount			Тур	8	Size		Depth		
Treat Pressure					COULT BEATACLE STORES				
Frac Pressure	1								
Proppant Type									
Proppant Amt									
RECORD OF PI	RODUCTION TESTI	NG		RECORD OF	DRILLSTEM TES	STING			
Test Date			Test Date						
Test No.			Test No.		0				
Test Type		1	Test Company						
Top Depth		<u>.</u>	DST Type						
Base Depth			Top Depth			_			
Formation			Base Depth						
Max gas rate			Formation						
Max oil rate		i	Test Result Code						
Init Stat Pres		ļ					- 200		
Final Stat Pres						_			
Flow Pressure									
						_			
				1.005					
Plugging Record -The p Remarks	blugging/plug-back n	nethod is to b	e described on Form	10 and attached	hereto.				
				1791 a 194 - 19	•2/222		_		
AMPLE PROCESSING		ION	*Payment must a	ccompany this		1			
Aetres of bagged sampl			_x \$.90 =		(A)	Fees for dri			
Aetres of vialed sample:	5		x \$.60 =		(B)	will be invol	ced		

Horiz metres of bagged samples x \$.45 = (C) Horiz metres of vialed samples x \$.30 = (D) Total (A)+(B)+(C)+(D) + 5% GST = 5 Cheque for sample processing fee is payable to "Oil, Gas and Salt Resources Trust", GST Registration # 873160097

The undersigned certifies that the information provided herein is complete and accurate and that he/she has authority to bind the operator.

Signature

Patrick	Mahoney
Name	

December 14, 2014 Date

For D	Department Use	



### Drilling and Completion Report

-						То	the Minister	of Natural Reso	ources					122		
For		_								racta co ca	141.00.000	_	MODE		2008-01-0	
CLAS			FIELD O	R POOL			a governmenter	STATUS: TY	PE	Brine I			MODE		uspende	
cou	NTY	Larr	nbton		TOWNSHIP		Moore			TRAC	r Anna i anna	LOT	24	С	ONC	XI
WEL	L, NAME	Dov	v Chem	ical Ca	nada Inc.	No. 69				LICEN	CE NO.	T00	5781			
OPE	RATOR	119	5714 Al	berta Lte	d,					TD:	749.0 m	TVD		m P	BTD:	m
ADD	RESS	439	1 Highw	ay 40, 0	Corunna, C	Ontario N	ION 1G0			GROL	ND ELEV.	193.	4 m		(above	
	OWNER		Pembir	na NGL	Corporatio	n				KB/RF	ELEV,	193.	9 m		sea level)	
DRIL	LING CONTR	АСТС	R				- 1/	CABLE		ROTA	RYX				2010 - 20	-
VER		HOR	ZONTAL		DIRECTION	JAL	DEEPENIN	IC I	RE-ENTR'		WORK	KOVER [	x (	THEF		
GEO	LOGIST							r								
	LOGICAL C	ONT	ACTS		TOP	TVD	ELEV.	COORDINAT	ES FROM	541	.5_m.N		S [	X	FROMLO	TLINE
	Lake Level							LOT BOU	NDARIES			X		_		
z	Drift/Lake Bot	_						GEOGRAPH		246	- transe	D27	w l		FROM LO D83	
∡ ∢	PORT LAMB		e Point		65.0			Surface Latit			9511167		onaitude		82.4102	
-	HAMILTON							Bottomhole L					ole Long.		82.4102	
z		Marc	ellus					DATE DRILL			82-0		12			
0 >	DETDOIT	Dunc						DATE DRILL	ING ENDE	D	82-08	3-30				
м Ш	DETROIT	Luca	erstburg					INITIAL GAS RECORD								
Δ	<u>,</u>	de contra de la	Blanc					INTER		-LOW 1000			I. PRE	SSURE k	Pa	
		Bass	Islands													
			Gunil	shale					N/A							
			Funit	shale	1.12			і — <i>а</i> то	INA				-			
			Eunit	carb.												
		6	D unit	salt	549.0											
		2	C unit	shale	564.0			INTER	N / A 1	1	FLOW m		RD		RAVITY	
		12	B unit	marker salt	580.0 591.0			INTER		+	FLOW III	/u		APIC		
			Danc	anhy.	- Currie				N/A	1						
		S		carb.	677.0											
	1	A2 unit shale			740 5				_							
z			A2 unit	salt anhy.	716.5			INTER	2\/AI	T		RECORI R.SURF.	,		TYPE	54H
A			A1 unit	carb.	100.0			INTER .							111.62	
-				evap.												
R		Gue							N/A			_		_		_
L L		Eran	nosa t Island												12440117	
=	AMABEL	Gas					****			-						
Ś	*	Rock	nester							CAS	ING AND T	UBING F	ECORD			
			lequoit					SIZE	WEIG		SET AT		OW SET		REC	
		Thor	nales					339.7 mm 244.5 mm		1 kg/m 7 kg/m	64.0 п 589.6 п		cemen		Good	
		Grim						ETT STILL	00.	- Kg/h	000.011					
		Cab	ot Head													
	CATARACT		Itoulin								100000					
z			ripool enston					LOGGING C	0	Como	LOGGING		R'S T.D.		750	m
R			Mountain	1	1				D INTERV		TYPE		ED INTER	VAL	TYP	
-		Colli	ngwood					750-0			GR N. N					
U		Cob				-									_	
>	TRENTON	Sher	man Fall					Sonarwire			Sonar					
	BLACK		oconk				-					-	100			
œ	RIVER		River		1	- 10111-10	1									
0		Sha	dow Lake				-				CORING	RECOR	D	_	_	
1.1.1.1.1.1.1.1	BRIAN							SIZE CORED IN		RE	C ANAL	COP			REC	ANAL
	CAMBRIAN litional geologic	al con	tacts and i	ntervals to	be listed on n	sverso	,	CORED IN	TERVAL					~	TILO .	
	LOGY FROM L				MPLES				N/A							
	-			RESULT	S								-			
OIL GAS		-				17-04	m <sup>3</sup> /d 10 <sup>3</sup> m <sup>3</sup> /d	DISPOSITIO	N OF COR	É	COMPLE		тΔ			
***	SSURE	-		100			kPag		PERFO	RATED		TON DA	OPEN H	IOLE	11. 1394 - 4	
	DUCING INTE	RVA	L(S)	Dry ho				PRODUCING	and the second sec	and the state of the second		_				
				Salina	Salt Prod	uction		220000000						62		
								COMPLETIC	IN DATE:							

Formation	Тор	Elevation	Surface - 9 Tonnes Neat	with 2% CaCl2	
				Kalarata Dalt Dat	to d
			Intermediate - 33 Tonnes	Alcrete Salt Satur	3180
			Grout - 120 Sacks		
			Workover - October 201	0	0 0000
			removed 177 mm hanging	string	
			installed API 3000# wellhe	ead	
	1		sonar 2005		
			MIT		
	_				
	THENT AND AT				
RECORD OF WELL TREA	ATMENT AND ST				
reatment No.					
Treat. Type			and the statement		
Top Depth Base Depth					
Formation					
Treat Fluid			Туре	PACKER RECORD Size	Depti
reat Pressure			Туре	0126	Бери
Frac Pressure	10000				
Proppant Type Proppant Amt					
RECORD OF PRO	DUCTION TEST	ING	RECOF	RD OF DRILLSTEM T	ESTING
Test Date			Test Date		
Test No. Test Type			Test No. Test Company		
Top Depth	XIII - X		DST Type		
Base Depth Formation	E CONTRACTOR	1	Top Depth Base Depth		
Max gas rate			Formation		
Max oil rate			Test Result Code		
Init Stat Pres					
Flow Pressure		1			
	igging/plug-back n	nethod is to b	e described on Form 10 and at	ttached hereto.	
emarks					
MPLE PROCESSING I etres of bagged samples		ION	*Payment must accompany x \$.90 =	(A)	Fees for drill core
etres of vialed samples	5	( <del></del>	x \$.60 =	(B)	will be invoiced
oriz metres of bagged sa		-	x \$.45 =	(C)	
oriz metres of vialed san	ipies	×	_x \$.30 =	(D)	
	Total (A)+(	(B)+(C)+(D)	+ 5% GST		7.53
eque for sample proces	ssing fee is paya	ble to "Oil, G	Sas and Salt Resources Tru	ist" , GST Regist	ration # 873160097
icque for sumple proces	a information armida	d herein is com	plete and accurate and that he/she	e has authority to bind the	operator.
	a monnation provide				· · · · · · · · · · · · · · · · · · ·
	e normation provide				
e undersigned certifies that the	en la companya de la comp	Patrick Ma	honey		
	end.		honey		December 14, 20 Date
e undersigned certifies that the nature	be that name white	<u>Patrick Ma</u> Name ch appears on	honey Form 2 and shall not be chang dy days after the end of boring,		Date y the Minister.

For Department Use									
		The second s		_					



UII, Gas and Sait Resources Act

### Drilling and Completion Report

For	n 7					То	the Minister of	of Natural Reso	ources					v. 2008-01-	01
CLAS			FIELD O	R POOL				STATUS: TY	PE	Brine Minir	10	ł	MODE	Suspend	ed
cou	· · · · · · · · · · · · · · · · · · ·	larr	bton		TOWNSHIP	>	Moore			TRACT		LOT	24	CONC	XI
		1.2		lanl Co	nada Inc.		moore			LICENCE		T005782			
	LNAME	10. A. DON	COMPANY & MUCH POINT			NO. 70								DDTD.	
	RATOR		5714 Al							TD: 749		TVD	m	PBTD:	m
ADD	RESS	439			Corunna, (		ION 1G0			GROUND		192.6		(above	
LAND	OWNER		Pembir	na NGL	Corporatio	n				KB/RF ELI		196.4	m	sea level	)
	LING CONTR							CABLE		ROTARY	in the second second		1		
VER		HOR	ZONTAL		DIRECTION		DEEPENIN	G	RE-ENTR	Y	WORK		ОТН		
GEO	LOGIST														
GEC	LOGICALC	ONT	ACTS		TOP	TVD	ELEV.	COORDINAT		541.5	m.N		s X	FROMIC	T LINE
	Lake Level	Ham		_		_	-	LOT BOU	NDARIES	170.4	m.E	x	w 🗆		
z	Drift/Lake Bol PORT LAMB	_						GEOGRAPH				D27	A DECK OF A DECK	IAD83	
Ā	TORT DAMO		e Point		64.5			Surface Latit		42.895		Surf. Lon		-82.411	17528
-	HAMILTON							Bottomhole L	.at.	42.895	2528	Bottomhol	e Lang.	-82.411	17528
z		Marc	ellus			_		DATE DRILL			82-01				
0		Dune						DATE DRILL	ING ENDE	D	82-08	-30			
> ш	DETROIT	Luca	is erstburg							INIT		RECOR	0	-	
	NIVER		Blanc				1						RESSURE k	Pa	
			Islands												
		-	G unit	shale					bate						
		1	Funit	shale				I	N/A						
			E unit	salt carb.											
			Dunit	salt	548.0	_		-	_	-					
		=	C unit	shale	563.5	1240-	5 el	-		ENE	TIAL OI	RECORD	)		
		-		marker	580.0			INTER	RVAL.	FI	.OW m <sup>3</sup>	/d	AI	PI GRAVITY	
		- 1	B unit	salt	590.5		a		hus -	· · · ·		-	21   1   125		
		60		anhy.	676.5				N/A						
		(N)		carb. shale	0/0.5										
			A2 unit	salt	716.0					V	VATER	ECORD			
z				anhy.	749.0			INTERVAL LEV.FR.SUR		SURF.		TYPE			
<			A1 unit	carb.						-					
-		-		evap.					N/A						
2		Gue													5 - 15
5	1. 1. 4 - 14 - 4 A A		t Island					-	*****			1.10.000			
-	AMABEL	Gas	port												
S		Rock	nester				-	The second s				BING RE			
		a contraction of	lioupet		<u></u>			SIZE	WEIG		ET AT	HO	WSET	RE	
		Tho	nales				9	339.7 mm 244.5 mm		1 kg/m 7 kg/m	64.0 m 591.2 m		cemented cemented	Good	1.11
		Grin			1		and the state	244.0 1111	00.	/ Kg/III	0012111		Comonica		
	1	_	ot Head												
	CATARACT	10000	S 21 C 5969 C 51												1.1.1.1
			looqh	_			-	10000000				RECORD		740	
Z		-	enston Mountain					LOGGING C	D INTERV	Computak	NYPE	LOGGER	INTERVAL	749 . TYF	
		-	ngwood					738-0			N. N	LOOGLE			
0		-	ourg											1	
>	TRENTON	-	man Fall												
0	.t 	Kirk													_
	BLACK		oconk												
0 8	RIVER		River dow Lake		-	_					ORING	RECORD			
	BRIAN	Tour	aun Lare					SIZE			- starts		****		1000
_	CAMBRIAN							CORED IN	TERVAL	REC	ANAL	CORED	INTERVAL	REC	ANAL
Add	itional geologic	al con	tacts and i			everse									
GEO	LOGY FROM L	OGS			AMPLES [				N/A						
		1		RESUL	5		m³/d	DISPOSITIO	NOFOOT					<u> </u>	
OIL GAS							10 <sup>3</sup> m <sup>3</sup> /d	-	IN OF COR		OMPLET	ION DATA			
	SSURE			100	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	kPag		PERFO	and a contract of the contract			OPEN HOL	E	
-	DUCING INT	ERVA	L(S)	Dry H	ole			PRODUCING				224			
				Salina	Salt Proc	luction		2 201			11. 12. 13.		an an		
								COMPLETIC	ON DATE:						

DRILLER'S LOG OR ADDITIC Formation	Тор	Elevation	Surface - 9 Ton		ENTING RECO 2% CaCl2		
		-	Intermediate - 3	33 Tonnes Kalo	rete Salt Satu	urated	++(++)=(++++
101201			Grout - 50 Sack	:S			
							100
					-0		
			Workover - Fel	States and a state of the state			
			removed 177 m		Ig		
and the second second			installed API 30	00# wellhead			
	X 7 1 1 1 1		sonar log 2005				_
			MIT				
			5 1641 P 19				
RECORD OF WELL TREA	TMENT AND ST	IMULATION					
Treatment Date							
Treat. Type							
Top Depth Base Depth							
Formation							
Treat Fluid		anne anneas			CKER RECOR	D	
Treat Amount Treat Pressure			Ту	pe	Size		Dep
Frac Pressure							
Proppant Type							
Proppant Amt RECORD OF PRO	DUCTION TEST	ING		RECORD O	FDRILLSTEM	TESTING	
Test Date			Test Date		4		-
Test No.			Test No. Test Company	- 10 H H H			
Test Type Top Depth			DST Type				
Base Depth			Top Depth				
Formation Max gas rate			Base Depth Formation				
Max oil rate			Test Result Code				
Init Stat Pres							
Final Stat Pres							
Flow Plessuic							
997 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				-		- 1	
Plugging Record -The plu	igging/plug-back r	method is to b	e described on Forr	n 10 and attache	ed hereto.		
0 <del>,</del>							
AMPLE PROCESSING		ION	*Payment must	accompany thi	s form		
Advince PROCESSING I			x \$.90 =	accompany un	(A)	Fees for o	frill core
letres of vialed samples			x \$.60 =		(B)	will be inv	
loriz metres of bagged sa		-	x \$.45 =		_(C)		
loriz metres of vialed san	ples		_x \$.30 =		_(D)		
	Total (A)+	(B)+(C)+(D)		+ 5% GST	=		
			Bas and Salt Reso			stration # 87316	

R Signature

Alus

Patrick Mahoney Name

December 14, 2014 Date

F	For Department Use



Oil, Gas and Salt Resources Act

#### Drilling and Completion Report

To the Minister of Natural Resources

For	m 7													v. 2008-01	-01						
CLA	SS		FIELD O	R POOL				STATUS: TYP	Έ	Brine	Mining		MODE	Suspend	le						
COUNTY Lambton			TOWNSHIP Moore				TRACT LOT			LOT	23	CONC	XI								
	L NAME			lical Ca	nada Inc.	No. 71					ICE NO.	T00578	3								
-	RATOR			berta Lte						TD:		TVD		PBTD:	m						
		-																			
1	RESS	439			Corunna, C		IUN IGU				IND ELEV.	192.5		(above							
	DOWNER		111 mar 111 mar	na NGL	Corporatio	on					ELEV.	196	m	sea leve	1)						
-	LING CONTR			<u> </u>				CABLE			RYX										
VER		HOF	RIZONTAL		DIRECTION		DEEPENIN		RE-ENTRY		WORK	OVER X	ОТН		_						
	LOGIST																				
GEC	DLOGICAL C	ONT	ACTS		TOP	TVD	ELEV.	COORDINATI		328	.8_m.N		s <u>x</u>	FROM LO	DT LINE						
	Lake Level Drift/Lake Bo	Hom						LOT BOUN	IDARIES	86.	<u>6</u> m.E	v I	w 🗆								
z	PORT LAMB	_		D	•0		1	GEOGRAPHI	COORD	_		D27		IAD83	X						
A I		_	e Point	1	62.5			Surface Latitu			9691528			-82.405							
	HAMILTON							Bottomhole La	đ,	42.8	9691528	Bottomho	le Long.	-82.405	67316						
z			ellus					DATE DRILLI			81-12										
0		Dun						DATE DRILLI	NG ENDED	)	81-12	-11									
> 	DETROIT	Luca						·			INITIAL GA	PECOP	PD.								
	RIVER	****	erstburg Blanc		17 - 18 - 18 - 18 - 18 - 18 - 18 - 18 -	2.7.18		INTER	VAL		FLOW 1000			RESSURE	Pa						
<u> </u>		_	sislands				1														
		-	G unit	shalo									ŧ.	and the second	12.5						
		1	F unit	shalo				I	N/A												
			-	salt								_									
			E unit D unit	carb.	E 47 E																
		8		sait shale	547.5 561.0						INITIAL OI	RECOR	<u> </u>		_						
		2	Cunit	marker	579.0			INTER	VAL	<b></b>	FLOW m <sup>3</sup>			GRAVITY							
		-	B unit	salt	590.0	0 0.21	-														
		G	a vereza	anhy.				IN/A						107 3							
		l o		carb.	671.0																
				shala	745.0																
	÷.						A2 unit	salt	715.0 749.0			INCTED	(4)	r	WATER			TYPE			
N N	**							A1 unit	anhy. carb.	749.0	11 11 11		INTER	WAL .		LEV.FR	SUKF.		ITPE	- 13	
12				evap.																	
<b>e</b>		Gue	lph	alore to				1	N/A												
<b>&gt;</b>		Erar	nosa										-	1 1 1 4 1							
-			pat Island																		
	AMABEL	Gasport Rochester										0000		_							
S					ondequoit			SIZE WEIG		CASING AND TUBING RECORD GHT SET AT HOW SET				REC							
		Reynales Thorold Grimsby Cabot Head		the second se				339.7 mm		kg/m	64.0 m	and the spectrum of the second s		Goo							
				Tho						244.5 mm	53.7	ko/m	592.0 m		cemented	Goo	d				
						÷															
	CATARACT	A A A A A A A A A A A A A A A A A A A						l		LOGGING RE			COPP.								
z		Whit						leenston				LOGGING CO			LOGGING	LOGGER		N/A	m		
4			Mountain						) INTERVA	RVAL TYP		***	DINTERVAL	TY							
-		P++		P+++		P++		P++	ingwood					750-0			GR N. N				
0		Cob	Cobourg Sherman Fall																		
>	TRENTON	She				Sonarwire					Sonar		1120201-00		10						
0		Kirk			2	1				_											
	BLACK		oconk River				6 - 11 - 11 - 11 - 11 - 11 - 11 - 11 -														
6	RIVER	-	dow Lake								CORING	RECORD		1							
_	BRIAN	Terrar						SIZE													
PRE	CAMBRIAN							CORED IN	TERVAL	RE	C ANAL	CORED	INTERVAL	REC	ANAL						
Add	litional geologic	al con	tacts and I	ntervals to	be listed on r	verse															
GEO	LOGY FROM L	OGS			MPLES L				N/A				21002								
		-		RESULT	S		-314	DIODOOITIC	105 000	<u> </u>											
GAS	1						m <sup>3</sup> /d 10 <sup>3</sup> m <sup>3</sup> /d	DISPOSITION	I OF CORE	E	COMPLET		۵								
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				Surface OT-		MTING RECORD				
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				Grout - 1.3 Tor	nes					
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				removed 177.8 mm hanging string						
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lucation Decem	I -The plugging	j/plug-back m	ethod is to be	e described on For	m 10 and attached	l hereto.	1 1			
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Uil, Gas and Sait Resources Act

#### Drilling and Completion Report

Form	n 7													v. 2008-0	01-01				
CLAS	S		FIELD O	R POOL				STATUS: TY	PE	Brine Minin	g		MODE	Susper	nded				
COUNTY Lambton			TOWNSHI	2	Moore			TRACT		LOT	23	CONC	XI						
WELL NAME		Dov	Chem	ical Ca	nada Inc.	No. 72				LICENCE	10	<b>T0</b> 057	784						
	RATOR		5714 AI				710 TV			Contraction and the second	.5 m	TVD		PBTD:	т				
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1.1.1.1.1.1	OWNER			1a NGL	Corporatio	n		CABLE		KB/RF ELE	the second s	199.5		sealer					
	LING CONTR	****			DIDEOTIO				RE-ENTRY				ОТН						
VER		HOR	ZONTAL		DIRECTION	VAL	DEEPENIN		RE-ENTRY		WORK	JVER IX							
	LOGIST							4				_							
GEC	LOGICAL C	CONT	ACTS		тор	TVD	ELEV.	COORDINA	TES FROM	328.3	m.N		S X	FROM	LOT LINE				
_	Lake Level Drift/Lake Bo	ftom							INDARIES	<u>10.4</u>	m.E	Y.	w 🗆	FROM					
z	PORT LAMB							GEOGRAPH	IC COORD		NAI	D27	N N	AD83	X				
4		Kettle	e Point		63.0			Surface Lati	tude	42.8969				Concerned Street, Stre	659944				
-	HAMILTON						_	Bottomhole				Bottomhol	e Long.	-82.40	659944				
Z		Marc						DATE DRILL			81-11-				-				
0	DETROIT	Dunc	***					DATE DRILL			01-11-	-21							
ш.	RIVER		erstburg							INIT	AL GAS	S RECOR	D						
		-	Blanc					INTE	RVAL	FLOW 1000 m <sup>8</sup> /d			S.I. PRESSURE		kPa				
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			F unit	shale					N/A										
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		S		carb. shale	669.0														
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z			[	anhy.	748.0			INTERVAL		LEV.FR.				TYP	TYPE				
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				Juilt		avaon		COMPLETI	ON DATE:	727 2000-00									

Formation	Тор	Elevation	Surface - 9 Tonnes Neat with 2% CaCl2						
			Intermediate -	33 Tonnes Kalcro	ete Salt Saturate	bd			
		15 - 35	Grout - 1.1 Ton	nes					
		į.							
			Workover - Fe	bruary 2011 m hanging string					
			installed API 30	uu# weinead					
			міт						
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1 - 11 a		1.1				- 172			
RECORD OF WELL TREA	TMENT AND ST	MULATION							
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reat Pressure			16 II. II.	S 1 10 1	11 0.000				
Frac Pressure					the second second				
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ugging Record -The plu emarks	gging/plug-back n	nethod is to be	e described on For	m 10 and attached	hereto.		1.573		
		ION		accompany this	form.				
etres of bagged samples			_x \$.90 =		(A)	Fees for dr			
etres of vialed samples			x \$.60 =		(B)	will be invo	iced		
oriz metres of bagged sa oriz metres of vialed sam			x \$.45 = x \$.30 =		(C) (D)				
neque for sample proces		B)+(C)+(D) ble to "Oil, G		+ 5% GST	= \$ , GST Registral	ion # 873160	097		
e undersigned certifies that the									
	1 .								
mature J5-Kel	m	Patrick Ma Name	honey			Decembe Date	r 14, 20 <sup>-</sup>		

For Department Use	