



**GEOLOGICAL SURVEY OF CANADA
OPEN FILE 6716**

**Geological and Geochemical Data from the Canadian
Arctic Islands. Part XI: Testing and Fluid Analysis
Data for the Canadian Arctic Islands**

S.E. Grasby, Z.Chen, K. Dewing, L. Yang

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Abstract

Results from petroleum fluid testing and analyses from wells drilled in the arctic islands are compiled here in digital format. These include formation pressure tests, as well as formation water and gas geochemistry.

Introduction

Previously most test result data from petroleum exploration wells drilled in the Canadian arctic islands were only available in paper copy well history reports. Each report has been examined and all relevant test result data have been digitized and compiled into this single database. Where relevant, additional data was added from in house Geological Survey of Canada database (SAMS). SAMS includes a compilation of data from a variety of sources and offers either additional data not found in the well history reports or some time contradictory data. The resultant digital compilation of pressure, temperature and fluid analyses represents a total of 867 analyses from 144 wells in the Arctic Islands. This dataset includes pressure, temperature, water chemistry and gas analyses data from all tests conducted. The original testing data includes Drill Stem Test, Production Test, Wireline Formation Test, Absolute Open Flow Test, Fracture Integrity Test and Degasser Test.

Database Structure

The *.xls file include the following data fields:

1. UWI: Unique Well Identification
2. SHORT NAME: Well name
3. TEST TYPE: including DST-Drill Stem Test, IP PROD-Production Test, WL-Wireline Formation Test, AOF EF-Absolute Open Flow(End Flow) Testing, FIT-Fracture Integrity Test and Degasser
4. TEST No. : the test number where given
5. TEST INTERVAL: including TOP_Depth, top of test, BOT_Depth, bottom of test, MID_Depth, middle of test interval. Units are given in both metres and feet. Measured well depths-not true vertical.
6. FORMATION: name of the formation tested, including formation at the top of the test (TOP_FM) and bottom of test (BOT_FM). These are determined by comparing test interval depths in the DPETH field against GSC in-house stratigraphic picks for each well.
7. ORIGINAL UNIT: units depths were reported in the original report (imperial or SI).
8. PRESSURE
 - (1) Measured Pressure: including Initial Shut In Pressure in psi and kpa, Final Shut In Pressure in psi and kpa; Initial Hydrostatic Pressure in psi and kpa, Final Hydrostatic Pressure in psi and kpa;
 - (2) Extrapolation Pressure: including Extrapolation Initial Shut In Pressure in psi and kpa, Extrapolation Final Shut In Pressure in psi and kpa;
 - (3) Pressure from SAMS: including Initial Shut In Pressure in kpa and Final Shut In Pressure in kpa;
9. TEMPERATURE: including Measured Temperature in well history reports in °F/°C, and from SAMS in °C
10. WATER ANALYSES: including Report Number, Salinity in report(mg/l), Salinity in SAMS(ppm), pH, H₂S, Na+K, Na, K, Ca, Mg, Ba, Sr, Fe, Cl, Br, I, HCO₃, SO₄, CO₃, CO₃/HCO₃, OH, By Evap(By Evaporation), At Ignition, Sp.Gravity(Specific Gravity) All ions are reported in mg/l. Text in columns duplicates that in the initial print report.

11. GAS ANALYSES: including Report Number, H₂, He, N₂, CO₂, H₂S, O₂, AIR, C₁(methane), C₂(ethane), C₃(propane), IC₄(isobutane), C₄(butane), IC₅(isopentane), C₅(pentane), C₆(hexane), C₆+(hexane plus), C₇(heptane), C₇+(heptane plus), C₈(octane), C₉(nonane), C₁₀(decane), C₁₀+(decane plus). All gases are reported in mol %

Data Summary

For the test results compiled there are a total of 259 water analyses in the Franklin Basin, 660 in the Sverdrup, and only 4 in the Banks Island area. For the Franklin Basin reported values average 90500 mg/l and range from 660 to 304,000 mg/l. In contrast the Sverdrup Basin has water salinity that ranges from 934 to 233,000 and with an average of 74,200 mg/l. The frequency distribution of salinity for both basins shows a roughly bimodal distribution with values skewed towards the low salinity end-member. Figure 2 shows there is a general trend of increasing average salinity with depth, however there is high variability.

A plot of water compositions on a piper diagram in Figure 3 shows that the Sverdrup Basin waters are dominantly Na-Cl type with some waters having high alkalinity. Franklin Basin waters range from Na-Cl to Ca-Cl type.

More detailed analyses of factors controlling formation water geochemistry in these basins will be published as technical papers.

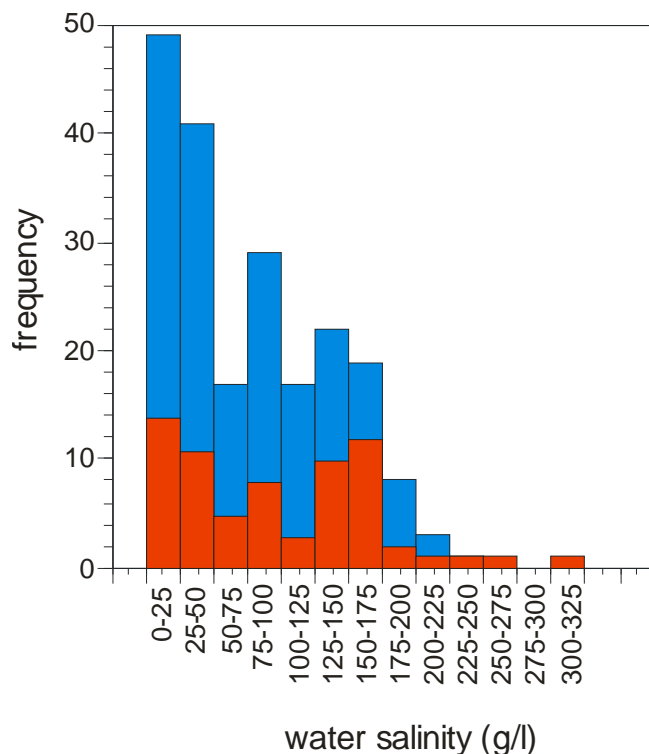


Figure 1. Frequency histogram of salinity of formation waters in the Arctic Islands basins (Red: Franklin, Blue: Sverdrup).

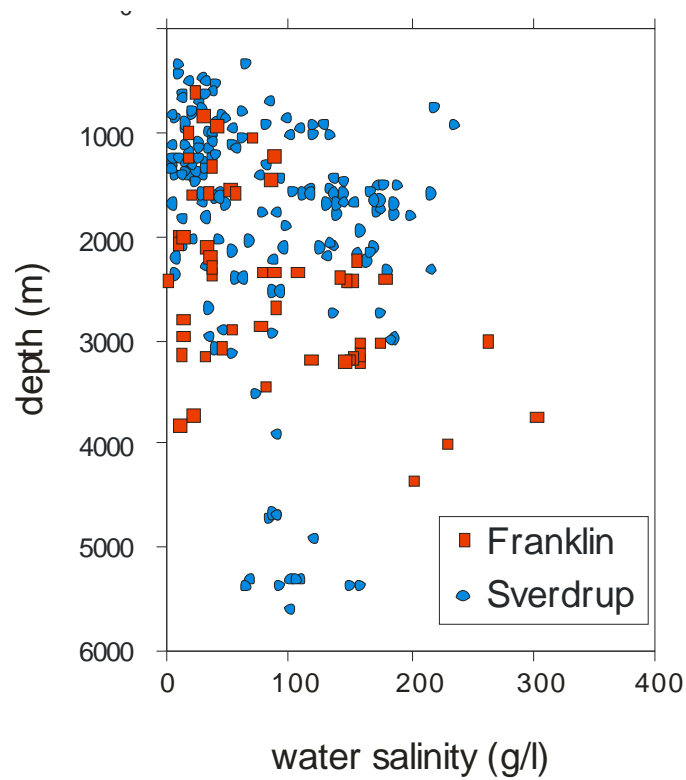


Figure 2. Plot of salinity versus depth for formation waters.

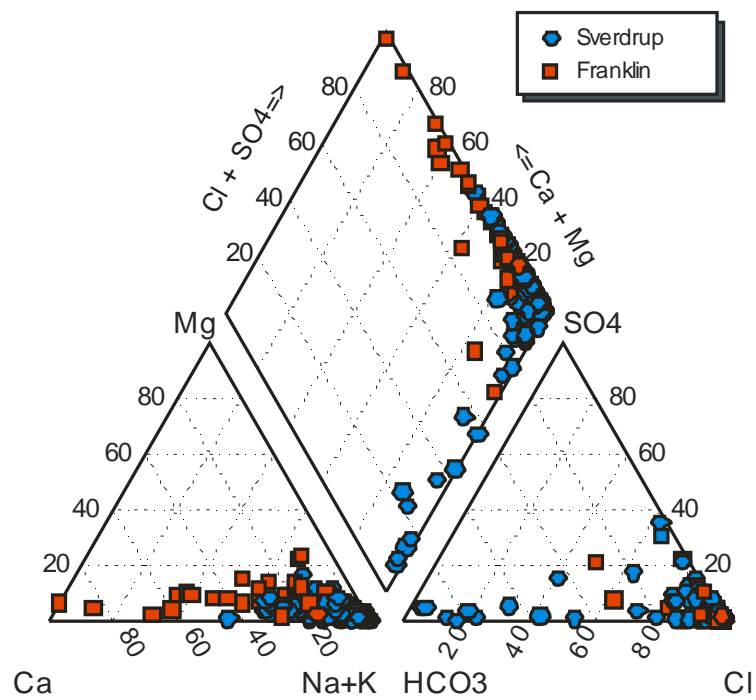


Figure 3. Piper diagram showing trends in major ion geochemistry of formation waters in the Arctic Island basins.

1: UWI	2: SHORT NAME	3: TEST TYPE	4: TEST No.	5: TEST INTERVAL				6: FORMATION		7: ORIGINAL UNIT	8: PRESSURE								9: TEMPERATURE			Report No.	Salinity		pH	H ₂ S												
				TOP_Depth m	BOT_Depth ft	MID_Depth ft	m	ft			Measured Pressure				Extrapolation Pressure		Pressure from SAMs		Measured °F °C	From SAMs °C			Measured mg/L	From Sams ppm														
											Initial Shut in psi	Final Shut in kPa	psi	kPa	psi	kPa	psi	kPa																				
				TOP_FM		BOT_FM																																
300B807750104300	SKATE B-80	DST	2	876	909				KING CHRISTIAN FM	SI	0		8893	10455		10455						7022-81-127-SAMPLE3	35623		6.8	N/D												
300B807750104300	SKATE B-80	DST	3	898	903				KING CHRISTIAN FM	SI			8934	11230		11230						N																
300B807750104300	SKATE B-80	DST	3	898	903				KING CHRISTIAN FM	SI			8934	11230		11230						N																
300B807750104300	SKATE B-80	DST	3	898	903				KING CHRISTIAN FM	SI			8934	11230		11230						N																
300B807750104300	SKATE B-80	DST	4	922	927				KING CHRISTIAN FM	SI		9167	0	11247		11247						7021-81-210	116488		6.7	N/D												
300B807750104300	SKATE B-80	DST	11	1226	1233				BORDEN ISLAND FM	SI		12368	12546	15200		15200						N																
300B807750104300	SKATE B-80	DST	9	1552	1579				BLAA MOUNTAIN GRP	SI		16022	15770	19257		19257						7022-81-199	100178		6.3	N/D												
300B807750104300	SKATE B-80	DST	5	1553	1580				POLLUX SANDSTONE	SI		16006	16006	19372		18539						N																
300B807750104300	SKATE B-80	DST	6	1553	1580				POLLUX SANDSTONE	SI		15998	16006	0		19059						N																
300B807750104300	SKATE B-80	DST	7	1553	1580				BLAA MOUNTAIN GRP	SI	misrun			18440		18440						N																
300B807750104300	SKATE B-80	DST	8	1553	1580				BLAA MOUNTAIN GRP	SI	misrun			19884		19554						N																
300B807750104300	SKATE B-80	DST	10	1590	1598				POLLUX SANDSTONE	SI		16153	16169	20387		19818						7022-81-199	114734		6.4	N/D												
300C057630110300	WEST HECLA C-05	DST	4	1084.5	3558	1098.1	3596		BORDEN ISLAND FM	IMPERIAL	1564	10783	1577	10873	1820	12548	1789	12335		1568	10811	11059		11066		7.4	N/D											
300C057630110300	WEST HECLA C-05	DST	1	1096.4	3597	1100.3	3610		HEIBERG GRP	IMPERIAL	misrun				1882	12976	1882	12976							28600													
300C057630110300	WEST HECLA C-05	DST	2	1096.4	3597	1100.3	3610		HEIBERG GRP	IMPERIAL	misrun				1595	10997	1600	11032	1857	12804	1857	12804		48200		7.9	0											
300C057630110300	WEST HECLA C-05	DST	3	1097	3599	1100.9	3612		HEIBERG GRP	IMPERIAL	1595	10997	1600	11032	1857	12804			1579	10887	11066		11094		82	27.8	27.8											
300C317650116300	JAMESON BAY C-31	DST	1	1147.6	3765	1158.2	3800		ROCHE POINT FM	IMPERIAL	1594	10990	1587	10942	1890	13031	1870	12893				11094		11066		106	41.1	41.1										
300C317650116300	JAMESON BAY C-31	DST	2	1804.4	5920	1838.5	6035		TROLD FIORD FM	IMPERIAL	2566	17692	2559	17644	2844	19609	2850	19650				17782		17733		106	41.1	41.1										
300C327630110000	EAST HECLA C-32	DST	1	397.2	1303	407.2	1336		ISACHSEN FM	IMPERIAL	545	3758	557	3840	586	4040	581	4006		567	3909	3882		3882		68	20.0	20										
300C327630110000	EAST HECLA C-32	DST	2	1048.2	3439	1057.4	3469		WILKIE POINT GRP	IMPERIAL	misrun				1933	13328	1930	13307							87	30.6	30.6											
300C327630110000	EAST HECLA C-32	DST	3	1051.6	3450	1057.4	3469		WILKIE POINT GRP	IMPERIAL	46	317	42	290	1963	13534	1942	13390							88	31.1	31.1											
300C327630110000	EAST HECLA C-32	DST	4	1064.4	3492	1075.6	3529		BORDEN ISLAND FM	IMPERIAL	1591	10970	1590	10963	1991	13727	1984	13679		1590	10963	10970		10963		86	30.0	30										
300C327630110000	EAST HECLA C-32	DST	5	1100.6	3611	1106.7	3631		BLAA MOUNTAIN GRP	IMPERIAL										1580	10894	10452		9398		88	31.1	31.1										
300C327630110000	EAST HECLA C-32	DST	6	1228.3	4030	1242.4	4076		SCHEI POINT FM	IMPERIAL	1787	12321	1792	12355	2145	14789	2139	14748		1792	12355	12286		12314		100	37.8	37.8										
300C327630110000	EAST HECLA C-32																																					
300C327630110000	EAST HECLA C-32																																					
300C327630110000	EAST HECLA C-32																																					
300C327630110000	EAST HECLA C-32																																					
300C427730106000	CISCO C-42	DST	1	1657	1664				AWINGAK FM	SI		2245	1202	19241		19027																						
300C427730106000	CISCO C-42	DST	2	1660	1667				AWINGAK FM	SI		17084	17147	18964		18769																						
300C427730106000	CISCO C-42	DST	2	1660	1667				AWINGAK FM	SI		17084	17147	18964		18769																						
300C427730106000	CISCO C-42	DST	2	1660	1667				AWINGAK FM	SI		17084	17147	18964		18769																						
300C427730106000	CISCO C-42	DST	5	1661.5	1668.5				AWINGAK FM	SI		16973	16991	18926		18685																						
300C427730106000	CISCO C-42	DST	5	1661.5	1668.5				AWINGAK FM	SI		16973	16991	18926		18685																						
300C427730106000	CISCO C-42	DST	5	1661.5	1668.5				AWINGAK FM	SI		16973	16991	18926		18685																						
300C427730106000	CISCO C-42	DST	5	1661.5	1668.5				AWINGAK FM	SI		16973	16991	18926		18685																						
300C427730106000	CISCO C-42	DST	4	1667	1674				AWINGAK FM	SI		16938	16947	18978		18978																						
300C427730106000	CISCO C-42	DST	3	1683	1749				AWINGAK FM	SI		17027	16007	19005		19005																						
300C427730106000	CISCO C-42	DST	6	1688	1695				AWINGAK FM	SI		16806	16956	19202		19150																						
300C428000084000	ROMULUS C-42	DST	1	813.2	2668	832.4	2731		ISACHSEN FM	IMPERIAL	1325	9136	1313	9053	1335	9205	1322	9115	1351	9315.145	1360.7	9382	9260		9177		127	52.8	52.8									
300C428000084000	ROMULUS C-42	DST	2	847.3	2780	858.3	2816		ISACHSEN FM	IMPERIAL	misrun																											
300C428000084000	ROMULUS C-42	DST	3	847.3	2780	858.3	2816		ISACHSEN FM	IMPERIAL	1379	9508	1366	9418	1376	9487	1363	9398	1386	9556.47	1378	9501	9646		9556		96	35.6	35.6									
300C428000084000	ROMULUS C-42	DST	4	1031.7	3385	1043.9	3425		DEER BAY FM	IMPERIAL	1474	10163	1037	7150	1758	12121	1760	12135	1695.1	11687.7145	1920.8	13243	10190		7164													
300C428000084000	ROMULUS C-42	DST	5	1054.6	3460	1074.4	3525		AWINGAK FM	IMPERIAL	1664	11473	1662	11459	1749	12059	1754	12093	1673.8	11540.851	1674.9	11548	11521		11521		116	46.7	46.7									
300C428000084000	ROMULUS C-42	DST	6	1147.6	3765	1155.2	3790		AWINGAK FM	IMPERIAL	1805	12445	1774	12231	1918	13224	1912	13183	1816.7	12526.1465	1814.1	12508	12314		12107		121	49.4	49.4									
300C428000084000	ROMULUS C-42	DST	7	1211.6	3975	1219.2	4000		AWINGAK FM	IMPERIAL	1901	13107	1885	12987	2007	13838	1986	13762	1911.6	13180.482	1904.9	13134	13072		13024													
300C428000084000	ROMULUS C-42	DST	8	1281.1	4203	1295.4	4250		AWINGAK FM	IMPERIAL	1980	13721	1918	13224	2110	14548	2116	14589	2018.8	13919.626	2027.4	13978	13700		13203		125	51.7	51.7									
300C428000084000	ROMULUS C-42	DST	9	1386.8	4550	1402.1	4600		JAEGER FM	IMPERIAL	2154	14851	2156	14865	2323	16017	2296	15830	2162.9	14913.1955	2163.9	14920	14838		14858		124	51.1	51.1									
300C428000084000	ROMULUS C-42	DST	10	1670.9	5482	1693.8	5557		HEIBERG FM	IMPERIAL	2556	17623	2545	17547	2761	19036	2734	18850	2572.1	17734	17768		17671		140	60.0	60											
300C428000084000	ROMULUS C-42	DST	11	2118.4	6950	2194.6	7200		HEIBERG FM	IMPERIAL	2922	20146	2816	19416	3253	22429	3168	21843	2581.3	17798.0635	2572.1	17734	17768		17671		140	60.0	60									
300C428000084000	ROMULUS C-42	DST	12	2269.2																																		

1: UWI	2: SHORT NAME	3: TEST TYPE	4: TEST No.	5: TEST INTERVAL			6: FORMATION		7: ORIGINAL UNIT	8: PRESSURE										9: TEMPERATURE				Report No.	Salinity		pH	H ₂ S									
				TOP_Depth m	BOT_Depth m	MID_Depth m	TOP_FM	BOT_FM		Measured Pressure				Extrapolation Pressure		Pressure from SAMs		Measured	From SAMs			°F	°C	°C		Measured mg/L	From Sams ppm										
										Initial Shut in psi	kPa	Final Shut in psi	kPa	I.H.P psi	kPa	F.H.P psi	kPa	Initial Shut in psi	kPa	Final Shut in psi	kPa	Initial Shut in kPa	Final Shut in kPa														
300G137510108000	BEVERLEY INLET G-13	DST	6	3969.1	13022	4060.5	13322		CAPE PHILLIPS FM																												
300G197620103000	SOPHIE PT. G-19	DST	1	1549.6	5084	1675.2	5168		BIRD FIORD FM	IMPERIAL	440	3034	822	4289	2355	16237	2355	16237					3034		4289		47	8.3	8.3	N							
300G197620103000	SOPHIE PT. G-19	DST	2	1596.8	5239	1626.7	5337		BIRD FIORD FM	IMPERIAL	196	1351	197	1358	2414	16644	2414	16644					1351		1358		55	12.8	12.8	N							
300G197620103000	SOPHIE PT. G-19	DST	3	2014.7	6610	2074.2	6805		CAPE DE BRAY FM	IMPERIAL	304	2096	242	1669	3198	22049	3170	21856					1282		1255		65	18.3	18.3	N							
300G197620103000	SOPHIE PT. G-19	DST	5	3048	10000	3115.1	10220		THUMB MOUNTAIN FM	IMPERIAL	2386	16451	2375	16375	5836	40238	5836	40238							158	70.0	70			N							
300G197620103000	SOPHIE PT. G-19	DST	4	3057.1	10030	3140.7	10340		THUMB MOUNTAIN FM	IMPERIAL	misrun																			N							
300G197620103000	SOPHIE PT. G-19	DST	6	3200.4	10500	3230.9	10600		THUMB MOUNTAIN FM	IMPERIAL			4989	34398	6071	41858	6071	41858					16416		16368		164	73.3	73.3	N							
300G197620103000	SOPHIE PT. G-19	DST	8	3294.9	10810	3325.4	10910		THUMB MOUNTAIN FM	IMPERIAL	3615	24925	3898	26876	6011	41444	5602	38624					37790		37845		157	69.4	69.4	N							
300G197620103000	SOPHIE PT. G-19	DST	7	3730.8	12240	3761.2	12340		THUMB MOUNTAIN FM	IMPERIAL			5496	37894	6526	44995	6526	44995							37845		187	86.1	86.1	N							
300G447830104000	NOICE G-44	DST	1	1735.2	5693	1749.9	5741		HEIBERG FM	IMPERIAL	2497	17216	2497	17216	2977	20526	2939	20264	2503	17258.185	2502	17251	17009		17113		131	55.0	55	N							
300G607910104300	POLLUX G-60	DST	1	859.5	2820	862.9	2831		SCHEI POINT FM	IMPERIAL	misrun																			N							
300G607910104300	POLLUX G-60	DST	2	861.4	2826	875.4	2872		SCHEI POINT FM	IMPERIAL			1181	8143	1379	9508	1370	9446							9136					333-3138							
300H027830085000	MAY POINT H-02	DST	1	1351.8	4435	1379.5	4528		AWINGSAK FM	IMPERIAL	1968	13500	1934	13334	2054	14162	2053	14155	1967	13562.465	1950	13445	13500		13334		48	8.9	8.9	N							
300H027830085000	MAY POINT H-02	DST	2	2037.6	6685	2049.2	6723		HEIBERG FM	IMPERIAL	2908	20050	2904	20022	3205	22098	3137	21629	2922.5	20150.6375	2924.5	20164	20064		10995		90.6	32.6	32.8	N							
300H077340123000	UMINMAK H-07	DST	1	620.3	2036	659.3	2163		KANGUK FM	IMPERIAL	771	5316	772	5323	1069	7370	954	6578							5323		75	23.9	23.9	N							
300H287810103000	THOR H-28	DST	2	1570.9	5154	1572.2	5158		HEIBERG FM	IMPERIAL	1744	12024	1744	12024	2059	14196	2047	14114	1744	12024.88	1748	12052	12031		12011		12011			7012-3433(TOP OF TOOL)							
300H287810103000	THOR H-28	DST	2	1570.9	5154	1572.2	5158		HEIBERG FM	IMPERIAL	1744	12024	1744	12024	2059	14196	2047	14114	1744	12024.88	1748	12052	12031		12011		12011			7012-3433							
300H287810103000	THOR H-28	DST	5	1580.1	5184	1581.3	5188		HEIBERG FM	IMPERIAL	1728	11914	1726	11900	2032	14010	2015	13893	1734	11955.93	1726	11900	11914		11900		11900			7012-3433(TOP)							
300H287810103000	THOR H-28	DST	5	1580.1	5184	1581.3	5188		HEIBERG FM	IMPERIAL	1728	11914	1726	11900	2032	14010	2015	13893	1734	11955.93	1726	11900	11914		11900		11900			7012-3433(BOTTOM)							
300H287810103000	THOR H-28	DST	4	1580.1	5184	1581.3	5188		HEIBERG FM	IMPERIAL	misrun																			N							
300H287810103000	THOR H-28	DST	3	1596.2	5237	1597.5	5241		HEIBERG FM	IMPERIAL	1754	12093	1750	12066	2091	14417	2060	14203	1756	12107.62	1750	12066	12087		12045		12045			7012-3433(MIDDLE)							
300H287810103000	THOR H-28	DST	3	1596.2	5237	1597.5	5241		HEIBERG FM	IMPERIAL	1754	12093	1750	12066	2091	14417	2060	14203	1756	12107.62	1750	12066	12087		12045		12045			7012-3433							
300H287810103000	THOR H-28	DST	1	1651.4	5418	1692.9	5554		HEIBERG FM	IMPERIAL	1786	12314	1764	12162	2174	14989	2111	14555	1812	12493.74	1803	12431	12307		12155		12155			C73-6510							
300H287810103000	THOR H-28																													N							
300H287810103000	THOR H-28																													N							
300H287810103000	THOR H-28																													N							
300H287810103000	THOR H-28																													N							
300H287810103000	THOR H-28																													N							
300H287810103000	THOR H-28																													N							
300H377810099300	HOODOO DOME H-37	DST	1	339.9	1115	624.8	2050		ISACHSEN FM	IMPERIAL	216	1489	236	1627	635	4378	626	4316					1606		1696					CAL-2-1637							
300H377810099300	HOODOO DOME H-37	DST	2	2300.9	7549	2377.4	7800		BORDEN ISLAND FM	IMPERIAL	3306	22794	3311	22829	3887	26800	3797	26179	3313	22843.135	3313	22842	22787		22842		143	61.7	61.7	NO REPORT NO.							
300H377810099300	HOODOO DOME H-37	DST	3	3011.7	9881	3032.8	9950		HEIBERG FM	IMPERIAL	2240	15444	2140	14755	5022	34625	4993	34426					15486		14734					N							
300H377810099300	HOODOO DOME H-37	DST	4	3013.3	9886	3074.2	10086		HEIBERG FM	IMPERIAL	2472	17044	2214	15265	4987	34384	4818	33219					17092		15731		148	64.4	64.4	N							
300H377810099300	HOODOO DOME H-37	DST	5	3233.9	10610	3250.4	10664		HEIBERG FM	IMPERIAL	2503	17258	2290	15789	5252	36211	5137	35418					17251		15289		158	70.0	70	N							
300H407820096000	AMUND CENTRAL DOME H-40	DST	1	225.6	740	250.5	822		LOWER SAVIK	IMPERIAL	424	2923	421	2903	431	2972	421	2903					2923		2903		74	23.3	23.3	N							
300H407820096000	AMUND CENTRAL DOME H-40	DST	2	227.1	745	250.5	822		LOWER SAVIK	IMPERIAL	417		420	2896	421	2903	427	2944							2875		2896			N							
300H407820096000	AMUND CENTRAL DOME H-40	DST	3	283.2	929	314.6	1032		LOWER SAVIK	IMPERIAL			577	3978	574	3958	562	3875					596	4109	3978					N							
300H407820096000	AMUND CENTRAL DOME H-40	DST	4	315.5	1035	324.6	1065		HEIBERG FM	IMPERIAL	605	4171	605	4171	629	4337	624	4302	608	4192.16	610	4206	8743		8729		33	0.6	0.6	CAL-2-3375							
300H407820096000	AMUND CENTRAL DOME H-40	DST	5	725.4	2390	788.4	2521		HEIBERG FM	IMPERIAL	1268	8743	1268	8729	1469	10128	1448	9991	1264	8715.28	1263	8708	19671		16258		13	-10.6	-10.6	333-160,921-140							
300H407820096000	AMUND CENTRAL DOME H-40	DST	6	1592.3	5224	1633.7	5360		BLAA MOUNTAIN GRP	IMPERIAL	2853	19671	2359	16258	3238	22325	3238	22325	2853	19671.435	2397	16527	945		779		83	28.3	28.3	N							
300H407820096000	AMUND CENTRAL DOME H-40	DST	7	2051.3	6730	2112.3	6930		BLAA MOUNTAIN GRP	IMPERIAL	137	945	113	779	4041	27862	4041	27862							4171		99	37.2	37.2	N							
300H47650108300	N. SABINE H-49	DST	1	2692	8832	2700.5	8860		UPPER SAVIK	IMPERIAL	2556	17623	2039	14058	4241	29241	4186	28881					17623		14058		158	70.0	70	N							
300H497650108300	N. SABINE H-49	DST	2	3012.3	9883	3016.9	9898		INTREPID INLET MBR	IMPERIAL	misrun																			N							
300H497650108300	N. SABINE H-49	DST	3	3016.9	9898	3023	9918		HEIBERG GRP	IMPERIAL	4517	31144	4505	31061	4766	32860	4692	32350	4520	31165.4	4512	31109	30923		30785		195	90.6	90.6	C74-2878							
300H497650108300	N. SABINE H-49	DST	3	3016.9	9898	3023	9918		HEIBERG GRP	IMPERIAL	4517	31144	4505	31061	4766	32860																					

1: UWI	2: SHORT NAME	3: TEST TYPE	4: TEST No.	5: TEST INTERVAL			6: FORMATION		7: ORIGINAL UNIT	8: PRESSURE												9: TEMPERATURE			Report No.	Salinity		pH	H ₂ S mg/l													
										Measured Pressure				Extrapolation Pressure				Pressure from SAMs				Measured °F °C	From SAMs °C			Measured mg/L	From Sams ppm															
							TOP_FM	BOT_FM		Initial Shut in psi kPa	Final Shut in psi kPa	I.H.P psi kPa	F.H.P psi kPa	Initial Shut in psi kPa	Final Shut in psi kPa	Initial Shut in kPa	Final Shut in kPa																									
				TOP_Depth m ft	BOT_Depth m ft	MID_Depth m ft																																				
302D187750101000	KING CHRISTIAN 2D-18(D-18A)	AOF EF		671	2201	701	2300		HEIBERG FM																																	
302D187750101000	KING CHRISTIAN 2D-18(D-18A)	AOF EF		671	2201	701	2300		HEIBERG FM																																	
302D187750101000	KING CHRISTIAN 2D-18(D-18A)	AOF EF		671	2201	701	2300		HEIBERG FM																																	
302G167810101000	JACKSON 2G-16(G-16A)	DST	1	1423.1	4669	1430.4	4693		HEIBERG FM																																	
302G167810101000	JACKSON 2G-16(G-16A)	DST	2	1585	5200	1600.2	5250		HEIBERG FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	1	873		906			ISACHSEN FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	2	1672		1698			AWINGAK FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	13	2179		2183.4			MACLEAN STRAIT FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	14	2186		2201			MACLEAN STRAIT FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	15	2186		2201			MACLEAN STRAIT FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	12	2243		2247			SKATE MBR																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	7	2325		2502			SCALLON POINT MBR																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	8	2325		2502			SCALLON POINT MBR																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	9	2325		2502			PAT BAY FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	10	2325		2502			SCALLON POINT MBR																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	11	2325		2502			SCALLON POINT MBR																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	4	2650		2750			ROCHE POINT FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	5	2650		2776			MURRAY HARBOUR FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	6	2660		2675			ROCHE POINT FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	DST	3	2945		3003			BJORNE FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	IP PROD		2084.4		2115			KING CHRISTIAN,LOUGHEED ISLAND FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	IP PROD		2084.4		2115			KING CHRISTIAN,LOUGHEED ISLAND FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	IP PROD		2084.4		2115			KING CHRISTIAN,LOUGHEED ISLAND FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	IP PROD		2084.4		2115			KING CHRISTIAN,LOUGHEED ISLAND FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	IP PROD		2084.4		2115			KING CHRISTIAN,LOUGHEED ISLAND FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	IP PROD		2084.4		2115			KING CHRISTIAN,LOUGHEED ISLAND FM																																	
302H637720106300	WHITEFISH 2H-63(H-63A)	IP PROD		2084.4		2115			KING CHRISTIAN,LOUGHEED ISLAND FM																																	
302K157750099000	CAPE MACMILLAN 2K-15(K-15A)	DST	5	1135		1138			AWINGAK FM																																	
302K157750099000	CAPE MACMILLAN 2K-15(K-15A)	DST	5	1135		1138			AWINGAK FM																																	
302K157750099000	CAPE MACMILLAN 2K-15(K-15A)	IP PROD		1145		1159			AWINGAK FM																																	
302K157750099000	CAPE MACMILLAN 2K-15(K-15A)	DST	4	1155		1159			AWINGAK FM																																	
302K157750099000	CAPE MACMILLAN 2K-15(K-15A)	DST	4	1155		1159			AWINGAK FM																																	
302K157750099000	CAPE MACMILLAN 2K-15(K-15A)	DST	3	1269		1275			SANDY POINT FM																																	
302K157750099000	CAPE MACMILLAN 2K-15(K-15A)	DST	1	1390		1392			HEIBERG FM																																	
302K157750099000	CAPE MACMILLAN 2K-15(K-15A)	DST	2	1390		1392			HEIBERG FM																																	
302K157750099000	CAPE MACMILLAN 2K-15(K-15A)	AOF EF	1	1145		1159																																				
302K157750099000	CAPE MACMILLAN 2K-15(K-15A)	AOF EF	2	1145		1159																																				
302K157750099000	CAPE MACMILLAN 2K-15(K-15A)	AOF EF	3	1145		1159																																				
302K157750099000	CAPE MACMILLAN 2K-15(K-15A)	AOF EF	4	1145		1159																																				

1: UWI							
	C ₆ + hexane plus mol%	C ₇ heptane mol%	C ₇ + heptane plus mol%	C ₈ octone mol%	C ₉ nonane mol%	C ₁₀ decane mol%	C ₁₀ + decane plus mol%
300B807750104300							
300B807750104300			0.25				
300B807750104300			0.20				
300B807750104300			0.07				
300B807750104300							
300B807750104300							
300B807750104300			0.12				
300B807750104300							
300B807750104300							
300B807750104300							
300B807750104300			0.02				
300B807750104300							
300B807750104300							
300C057630110300			TRACE				
300C057630110300							
300C057630110300							
300C057630110300							
300C317650116300							
300C317650116300							
300C327630110000							
300C327630110000							
300C327630110000							
300C327630110000			TRACE				
300C327630110000			0.02				
300C327630110000			0.00				
300C327630110000			0.00				
300C327630110000			0.00				
300C327630110000			TRACE				
300C327630110000			0.00				
300C427730106000							
300C427730106000			0.25				
300C427730106000			0.67				
300C427730106000			0.55				
300C427730106000			0.34				
300C427730106000			1.27				
300C427730106000			0.33				
300C427730106000							
300C427730106000							
300C427730106000							
300C428000084000							
300C428000084000							
300C428000084000							
300C428000084000			TRACE				
300C428000084000							
300C428000084000							
300C428000084000							
300C428000084000							
300C428000084000							
300C428000084000							
300C428000084000			0.15				
300C428000084000							
300C428000084000			1.03				
300C428000084000							
300C428000084000			0.21				
300C428000084000							
300C428000084000							
300C428000084000			0.02				
300C447630104000							
300C447630104000							
300C447630114000							
300C447630114000							
300C447630114000							
300C447630114000							
300C447630114000							
300C477750100000			0.23				
300C477750100000			0.06				
300C477750100000							
300C477750100000			0.63				
300C477750100000			0.74				
300C477750100000			0.31				
300C477750100000			0.10				
300C477750100000			0.81				
300C477750100000			0.04				
300C477750100000							
300C477750100000			0.33				
300C477750100000			0.29				
300C477750100000							
300C477750100000							
300C477750100000							
300C477750100000							
300C477750100000			0.05				
300C477750100000			0.21				
300C507750114000							
300C507750114000							
300C507750114000		0.00		0.00	0.00	0.00	
300C527730090300							
300C587620111000			0.00				
300C587620111000			0.00				
300C587620111000							
300C587620111000							
300C597750104300							
300C597750104300							
300C597750104300	0.04						
300C597750104300	0.11						
300C597750104300	0.09						
300C597750104300							
300C597750104300							
300C597750104300	0.40						
300C597750104300							
300C597750104300							
300C687410120300							
300C717620112300							

1: UWI							
	C ₆ + hexane plus mol%	C ₇ heptane mol%	C ₇ + heptane plus mol%	C ₈ octone mol%	C ₉ nonane mol%	C ₁₀ decane mol%	C ₁₀ + decane plus mol%
300C717620112300							
300C717620112300							
300C717620112300							
300C737540111300							
300C807440113000							
300D027630115300							
300D027630115300							
300D167330120000							
300D217630098300							
300D237630104300							
300D237630104300							
300D237630104300							
300D417830104000							
300D417830104000			0.13				
300D417830104000							
300D497540118300							
300D497540118300							
300D587740100000							
300D587740100000							
300D587740100000							
300D587740100000							
300D587740100000							
300D587740100000							
300D587740100000							
300D687630108300			0.00				
300D687630108300			0.00				
300D687630108300			0.00				
300D687630108300		0.01		0.01	0.00	0.00	
300D687630108300							
300D687630108300							
300D687630108300							
300D687630108300							
300D687630108300		0.09		0.00	0.00	0.00	
300D687630108300							
300D687630108300							
300D687630108300							
300D687630108300							
300D687630108300							
300D687630108300			TRACE				
300D687630108300			TRACE				
300D687630108300			0.00				
300D737630108000							
300D737630108000							
300D767310123000							
300D877340117000							
300D877340117000							
300D877340117000							
300E057810093300							
300E108000084000							
300E108000084000							
300E108000084000							
300E108000084000							
300E108000084000							
300E108000084000							
300E437630104000							
300E437630104000							
300E437630104000			0.06				
300E437630104000							
300E457510091300							
300E457510091300							
300E457510091300							
300E457510091300							
300E457510091300							
300E457510091300							
300E457510091300							
300E467720086000							
300E467720086000							
300E467720086000							
300E467720086000							
300E467720086000							
300E467720086000							
300E467720086000							
300E467720086000							
300E497830100000							
300E497830100000							
300E497830100000							
300E587910106000							
300E607800111000							
300E607800111000							
300E607800111000							
300E607800111000							
300E67420123300							
300E787630108000			0.00				
300E787630108000			0.03				
300E787630108000			0.04				
300E787630108000			0.00				
300E827400098300							
300F117600113300							
300F117600113300							
300F147620108300							
300F147620108300							
300F147620108300							
300F147620108300							
300F147620108300							
300F147620108300							
300F147620108300							
300F167630108300							
300F167630108300		0.00		0.00	0.00	0.00	0.00
300F167630108300							
300F247740109000							
300F247740109000							
300F247740109000							

1: UWI							
	C ₆ + hexane plus mol%	C ₇ heptane mol%	C ₇ + heptane plus mol%	C ₈ octane mol%	C ₉ nonane mol%	C ₁₀ decane mol%	C ₁₀ + decane plus mol%
300G137510108000							
300G197620103000		0.11					
300G197620103000							
300G197620103000							
300G197620103000							
300G197620103000							
300G197620103000							
300G197620103000							
300G197620103000							
300G447830104000		0.02		0.01	0.00	0.00	
300G607910104300							
300G607910104300							
300H027830085000							
300H027830085000							
300H077340123000							
300H287810103000			0.00				
300H287810103000			0.00				
300H287810103000			0.03				
300H287810103000			0.03				
300H287810103000							
300H287810103000							
300H287810103000							
300H287810103000							
300H287810103000		0.00		0.00	0.00	0.00	
300H287810103000			0.13				
300H287810103000			0.07				
300H287810103000			0.25				
300H377810099300							
300H377810099300							
300H377810099300							
300H377810099300							
300H407820096000							
300H407820096000							
300H407820096000							
300H407820096000							
300H407820096000			0.00				
300H407820096000							
300H497650108300							
300H497650108300							
300H497650108300							
300H497650108300							
300H497650108300							
300H497650108300							
300H497650108300							
300H497650108300							
300H497700118300							
300H497700118300							
300H497700118300							
300H637720106300							
300H637720106300							
300H637720106300			1.74				
300H637720106300							
300H637720106300			0.23				
300I017630104001							
300I017630104001							
300I017630104001							
300I017630104001							
300I017630104001							
300I017630104001							
300I017630104001							
300I017630104001							
300I017630104001							
300I347630113000							
300I347630113000							
300I447230122300							
300I447230122300							
300I447230122300							
300I447830097300							
300I447830097300		TRACE		0.02	0.00		0.00
300I538010098300							
300I538010098300							
300I557630107300							
300I697620110000				0.00	0.00		0.00
300I727740103300			0.02				
300I727740103300							
300I727740103300							
300I727740103300							
300I727740103300							
300I727740103300							
300I727740103300			0.76				
300I727740103300			0.56				
300I727740103300			0.56				
300I727740103300			0.13				
300I727740103300			0.70				
300I727740103300			0.05				
300I727740103300							
300I727740103300			0.07				
300I727740103300			0.21				
300I727740103300			0.12				
300I727740103300			0.14				
300I727740103300			0.10				
300I727740103300							
300J117630101300							
300J117630101300							
300J117630101300							
300J117630101300							
300J117630101300							
300J117630101300							
300J117630101300							
300J127850100300							

1: UWI							
	C ₆ + hexane plus mol%	C ₇ heptane mol%	C ₇ + heptane plus mol%	C ₈ octone mol%	C ₉ nonane mol%	C ₁₀ decane mol%	C ₁₀ + decane plus mol%
300J127850100300			TRACE				
300J127850100300							
300J347540098300							
300J347540098300							
300J347540098300							
300J347540098300							
300J347540098300							
300J348000083300							
300J348000083300							
300J348000083300							
300J348000083300							
300J348000083300							
300J348000083300							
300J348000083300							
300J348000083300							
300J348000083300							
300J348000083300							
300J348000083300							
300J348000083300							
300J377920105000							
300J377920105000							
300J377920105000							
300J377920105000							
300J377920105000							
300J377920105000							
300J377920105000							
300J437650109300			0.00				
300J437650109300							
300J437650109300							
300J437650109300			0.37				
300J437650109300							
300J437650109300			0.21				
300J437650109300			0.67				
300J437650109300							
300J538000094300							
300J607620110000							
300J607620110000							
300J607620110000							
300J607620110000			0.00				
300J607620110000							
300J727340115300							
300J727340115300							
300J727340115300							
300J727340115300							
300J727340115300							
300J727340115300			0.29				
300K087810104300							
300K087810104300							
300K087810104300							
300K087810104300							
300K287920103300							
300K287920103300							
300K287920103300							
300K287920103300							
300K337640108300							
300K337640108300							
300K337640108300							
300K337640108300							
300K337640108300			0.00				
300K337640108300		0.30		0.00	0.00		
300K337640108300							
300K337640108300		3.06		0.00	0.00		
300K337640108300							
300K337650113300							
300K587730106000	0.51						
300K587730106000	0.17						
300K587730106000	0.51						
300K587730106000	0.45						
300K587730106000	0.37						
300K587730106000	0.73						
300K587730106000	0.83						
300K587730106000	0.81						
300K587730106000	0.15						
300K587730106000	0.16						
300K587730106000	0.60						
300K587730106000	0.15						
300K587730106000	0.36						
300K587730106000	0.56						
300K587730106000	0.56						
300K587730106000	0.48						
300K587730106000	0.48						
300K587730106000	0.48						
300K587730106000	0.48						
300K627800102000							
300K627800102000			TRACE				
300K627800102000			0.11				
300K627800102000			0.61				
300K627800102000			TRACE				
300K627800102000			TRACE				
300K717630108300							
300K717630108300			0.16				
300K717630108300	0.25						
300K717630108300							
300K717630108300							
300K717630108300							
300K717630108300							
300K717630108300	0.21						
300K717630108300	0.23						
300K717630108300							
300K717630108300							
300K717630108300							
300K717630108300							
300K717630108300							
300K717630108300	0.25						

1: UWI	C ₆ + hexane plus mol%	C ₇ heptane mol%	C ₇ + heptane plus mol%	C ₈ octone mol%	C ₉ nonane mol%	C ₁₀ decane mol%	C ₁₀ + decane plus mol%
300K717630108300							
300K717630108300							
300K717630108300							
300K797630108300							
300K797630108300							
300K797630108300							
300K797630108300							
300L067630107300							
300L067630107300							
300L067630107300							
300L067630107300							
300L067630107300							
300L067630107300							
300L067630107300			0.00				
300L067630107300			0.00				
300L067630107300			0.00				
300L067630107300			0.00				
300L32720118000							
300L32720118000							
300L32720118000							
300L32720118000							
300L417450094300							
300L417450094300							
300L417450094300							
300L417450094300							
300L417450094300							
300L417450094300							
300L417450094300							
300L417450094300							
300L467630115000							
300L497610121300							
300L507750100000							
300L677630108300							
300L677630108300			0.00				
300L677630108300			0.00				
300L677630108300			0.00				
300L677630108300							
300L677630108300							
300L677630108300							
300L677630108300							
300L677630108300			0.09				
300L677630108300			0.02				
300M17720091000							
300M057630095000							
300M117720105000							
300M117720105000							
300M117720105000			TRACE				
300M117720105000			0.01				
300M127630104000							
300M127630104000							
300M127630104000							
300M127630104000							
300M127630104000			1.43				
300M127630104000							
300M127630104000							
300M127630104000							
300M127630104000							
300M217640103300							
300M217640103300							
300M227730106000							
300M227730106000							
300M227730106000							
300M257630111000			TRACE				
300M257630111000			TRACE				
300M257630111000							
300M407810101300							
300M407810101300							
300M407810101300							
300N067750101000							
300N067750101000							
300N067750101000							
300N067750101000							
300N067750101000			0.11				
300N067750101000			0.00				
300N067750101000			0.00				
300N067750101000			TRACE				
300N067750101000			0.00				
300N067750101000			0.00				
300N277940084300							
300N277940084300							
300N497730097000							
300N527630110300			TRACE				
300N527630110300			TRACE				
300N527630110300							
300N527630110300			0.00				
300N527630110300							
300N527630110300							
300N727630103300							
300N727630103300							
300N727630103300			0.03				
300N727630103300			0.20				
300N727630103300							
300N727630103300							
300N727630103300			0.24				
300N727630103300			0.04				
300N727630103300							
300N727630103300							
300N727630103300							
300N827450113000							

1: UWI							
	C ₆ + hexane plus mol%	C ₇ heptane mol%	C ₇ + heptane plus mol%	C ₈ octone mol%	C ₉ nonane mol%	C ₁₀ decane mol%	C ₁₀ + decane plus mol%
302D187750101000			0.01				
302D187750101000			0.02				
302D187750101000			0.02				
302G167810101000			0.40				
302G167810101000			0.77				
302H637720106300			0.00				
302H637720106300			0.10				
302H637720106300	0.59						
302H637720106300							
302H637720106300							
302H637720106300							
302H637720106300							
302H637720106300							
302H637720106300							
302H637720106300							
302H637720106300							
302H637720106300							
302H637720106300							
302H637720106300							
302H637720106300							
302H637720106300							
302H637720106300							
302H637720106300	0.17						
302H637720106300	0.15						
302H637720106300	0.15						
302H637720106300	0.12						
302H637720106300	0.23						
302H637720106300	0.18						
302H637720106300	0.14						
302H637720106300	0.15						
302K157750099000							
302K157750099000	0.30						
302K157750099000							
302K157750099000	0.06						
302K157750099000	0.18						
302K157750099000	0.04						
302K157750099000	0.12						
302K157750099000	0.08						
302K157750099000	0.06						
302K157750099000	0.06						
302K157750099000	0.06						
302K157750099000	0.07						