### WELL TERMINATION RECORD

Revision:	Version 1
<b>Operating Company / Joint</b> <b>Venture Partner:</b>	Vulcan Minerals Inc. / Investcan Energy Corporation
Well Name:	Vulcan Investcan Flat Bay #1 Re-entry 2010
Rig:	Ecan Energy Rig #3
Field:	Petroleum Exploration Permit 96- 105 Bay St. George Basin
Location:	Western Newfoundland, Canada
Re-entry Program Approval:	# 2010-116-03
Authority to Re-enter a Well Approval:	# 2010-116-03-01
Date Submitted:	3-Nov-2010
Prepared by:	Shane Halley, Project Manager

Well Termination Record – Vulcan Investcan Flat Bay #1 Re-entry 2010

(a) Current Status of the Well

The original Flat Fay #1 well was drilled in 1999 with a Cable Tool Rig to 286-mRF. Completion and production testing operations on the Flat Bay #1 well commenced on Feb 23rd, 2004 and were completed on June 21st, 2004. In July-August, 2004 the well was fraced and a downhole pump and surface pump jack installed. Due to continued sand plugging problems, the testing activities were suspended and well shut in on August 19th, 2004.

On Oct. 25<sup>th</sup>, 2010 a Ecan Energy's Service Rig #2 was mobilized to site. The downhole pump, rods and surface pump jack were removed from the well and a temperature/pressure survey was run. The tubing was tripped out of hole, a wireline retrievable bridge plug was set at 175 mMD KB and the well was perforated from 148-159 mMD KB. The well was swabbed dry and shut-in for 12 hours. On Oct. 29<sup>th</sup>, 2010 six additional swabbing runs were performed before the tubing hanger was landed and the well secured.

(b) Lithology and Formation Age

This is a re-entry well, no new lithological information acquired.

(c) Lost Circulation

N/A

(d) Depth and Size of Casing Strings

As per the Termination Form and Appendix A.

#### (e) Type and Properties of any Drilling or completion fluids

	Depth	Size	Fluid	Weight
Section			Туре	
	[m]	[mm]		kg/m3
				1050-
Production	175	114.3	2% KCl Water	1100

Well Termination Record – Vulcan Investcan Flat Bay #1 Re-entry 2010

(f) Depth, thickness and nature of any reservoirs

This is a re-entry well, no new lithological information acquired.

(g) Depth and Nature of any shows of oil or gas

After the perforations there were no indications of produced hydrocarbons (gas/oil) on surface.

(h) Wireline surveys

All wireline survey information is attached in Appendix B. For reference a summary of the wireline logs run is below:

Casing size	Logging (mKB)	Depth	Services Run
	Start	Stop	
60.33 mm	180	25	Temperature
60.33 mm	180	25	Pressure
60.33 mm	45	45	DH Sampler
60.33 mm	30	30	DH Sampler

Casing size	Perforation		<sup>:</sup> Depth nKB	Result
	Туре	Тор	Bottom	
	ERHSC Gun c/w 15gr DP charges @ 20 SPM, 90			Zone perforated in 2 runs, all
144.3	degree phasing and 50%			shots fired. No hydrocarbon
mm	Stimgun sleeve coverage	148	159	to surface.

The wireline log is included in Appendix B.

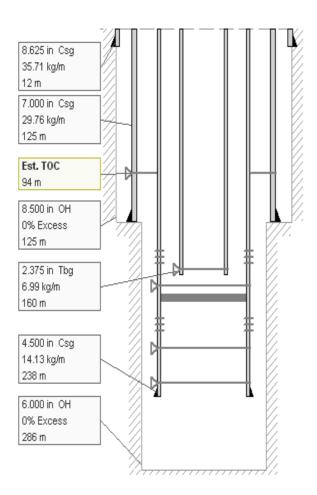
(d) Results of any formation flow tests or sample tests

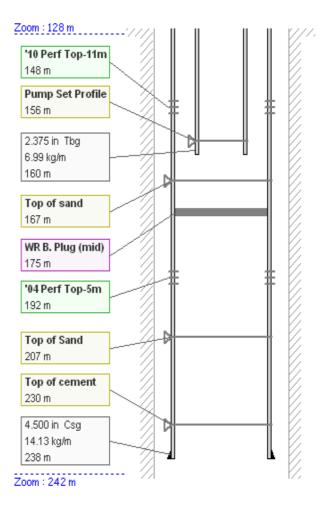
There was no testing to surface. Several fluid samples were collected.

Well Termination Record – Vulcan Investcan Flat Bay #1 Re-entry 2010

(e) Final Legal Survey and Photos of Site

The survey of the site is as per previous termination reports. Final site photos are in Appendix C.





Vulcan Investcan Flat Bay #1 2010 Re-entry Termination Appendix

Conductor         219.1         12.3         36.7         Surf.           J-55 Surface Casing         177.8         125.8         29.8         Surf.           J-55 Production Casing         114.3         238.5         14.14         Surf.           J-55 Production Casing         114.3         238.5         14.14         Surf.           Perf Date         Zones         Top Shot         Bottom Shot         Status         Gun Data           192.00         197.00         Suspended         192.80         Open         Device	KB ELEV 48.3 CASINC Conductor J-55 Surface ( J-55 Production 	GL ELEV 47 3 DESCRIPTION Casing 20nes Zones DOWNHOLE DE 1 - 60.3mm J-55 P 1 - 60.3mm API PS 16 Joints of 60.3mm 1 - 60.3mm J-55 P 1 - Tubing Manger	ELEVATI KB TO THF OD (mm) 219.1 177.8 114.3 Top Shot 192.00 148.00 SCRIPTION F DESCRIPTION F DESCRIP	KB TO SCF LANDED DEPTH 12.3 125.8 238.5 Bottom Shot 197.00 159.00	KB TO GL 1.3 WEIGHT (kg/m) 36.7 28.8 14.14 Status Sluspended Open UP (Tubing Status LENGTH 3.68 0.33 153.56 1.22 0.14	PBTD 207 TOP OF (mKE Surf. Surf. Surf. Surf. Gun Data Gun Data TOP OF (mKE 156.55 156.55 156.22 2.66 1.44 1.30 0.00 - - - - - - - - - - - - - -
KB         ELEV         GL         ELEV         KB TO THE         KB TO SCF         KB TO GL         PBTD           443         47         OD (mm)         LANDED DEPTWRENT (bylim)         207         Surf.           Conductor         2191         123         96.7         Surf.         Surf.           L65 Surflow Casing         177.8         125.8         29.8         Surf.           L65 Production Casing         114.3         238.5         144.14         Surf.           L65 Production Casing         114.3         228.5         Surf.         Surf.           Perf Date         Zones         Top Shot         Bottom Shot         Status         Gun Date           1028/10         148.00         199.00         Open         Surf.         Surf.           1028/10         164.00         199.00         Open         Surf.         Surf.           2         1-00.3mm.3-55 Pap.bott         0.33         199.22         144         Surf.         Surf.         Surf.           2         1-00.3mm.3-55 Pap.bott         0.23         199.22         144         Surf.         Surf.         Surf.           3         16.00.3mm.3-55 Pap.bott         0.14         1.20         O.00.0	48.3 CASINC Conductor J-55 Surface ( J-55 Production J-55 Production Perf Date 10/25/10 ITEM # 1 2 3 4 5	47 S DESCRIPTION Casing On Casing Zones DOWNHOLE DE 1 - 60.3mm. J-55 P. 1 - 60.3mm. API PS 16 Joints of 60.3mm 1 - 60.3mm. J-55 P. 1 - Joints J-55 P. 1 - Joints J-55 P. 1 - Tubing hanger	KB TO THF OD (mm) 219.1 177.8 114.3 Top Shot 192.00 148.00 SSCRIPTION F DESCRIPTION F N	KB TO SCF LANDED DEPTH 12.3 125.8 238.5 Bottom Shot 197.00 159.00	1.3 WEIGHT (kgim) 36.7 29.8 14.14 Status Suspended Open UP (Tubing Str LENGTH LENGTH 0.33 163.56 1.22 0.14	207 TOP OF (mKE Surf. Surf. Surf. Surf. Surf. Gun Deta Gun Deta 156.55 156.22 2.66 1.44 1.30 0.00 - - - - - - - - - - -
48.3         47         1.3         1.3         1.3           Conductor         219.1         12.3         36.7         Surf.           4.65         Striben Cessing         177.8         122.9         28.9         Surf.           4.55         Production Cesing         177.8         122.9         28.9         Surf.           4.55         Production Cesing         114.3         238.5         14.14         Surf.           4.55         Production Cesing         1192.00         197.00         Suspended         Surf.           10.23/10         148.00         199.00         Opent         Surf.         Surf.           10.23/10         148.00         199.00         Opent         Surf.         Surf.           10.23/10         148.00         199.00         Opent         Surf.         Surf.           10.23/10         148.00         199.00         Opent         10.3         106.522           2         1.6.0.3mm455 Pup.Joint         1.22         1.44         Surf.         Surf.           2         1.6.0.3mm455 Pup.Joint         1.22         1.44         Surf.         Surf.           3         16.000 String.0.3mm55 Pup.Joint         1.22         1.44 <td>48.3 CASINC Conductor J-55 Surface ( J-55 Production J-55 Production Perf Date 10/25/10 ITEM # 1 2 3 4 5</td> <td>47 S DESCRIPTION Casing On Casing Zones DOWNHOLE DE 1 - 60.3mm. J-55 P. 1 - 60.3mm. API PS 16 Joints of 60.3mm 1 - 60.3mm. J-55 P. 1 - Joints J-55 P. 1 - Joints J-55 P. 1 - Tubing hanger</td> <td>OD (mm) 219.1 177.8 114.3 Top Shot 192.00 148.00 SCRIPTION F DESCRIPTION F DESCRIPTION F DESCRIPTION I N N N </td> <td>LANDED DEPTI 12.3 125.8 238.5 Bottom Shot 197.00 159.00</td> <td>1.3 WEIGHT (kgim) 36.7 29.8 14.14 Status Suspended Open UP (Tubing Str LENGTH LENGTH 0.33 163.56 1.22 0.14</td> <td>207 TOP OF (mKE Surf. Surf. Surf. Surf. Surf. Gun Deta Gun Deta 156.55 156.22 2.66 1.44 1.30 0.00 - - - - - - - - - - -</td>	48.3 CASINC Conductor J-55 Surface ( J-55 Production J-55 Production Perf Date 10/25/10 ITEM # 1 2 3 4 5	47 S DESCRIPTION Casing On Casing Zones DOWNHOLE DE 1 - 60.3mm. J-55 P. 1 - 60.3mm. API PS 16 Joints of 60.3mm 1 - 60.3mm. J-55 P. 1 - Joints J-55 P. 1 - Joints J-55 P. 1 - Tubing hanger	OD (mm) 219.1 177.8 114.3 Top Shot 192.00 148.00 SCRIPTION F DESCRIPTION F DESCRIPTION F DESCRIPTION I N N N 	LANDED DEPTI 12.3 125.8 238.5 Bottom Shot 197.00 159.00	1.3 WEIGHT (kgim) 36.7 29.8 14.14 Status Suspended Open UP (Tubing Str LENGTH LENGTH 0.33 163.56 1.22 0.14	207 TOP OF (mKE Surf. Surf. Surf. Surf. Surf. Gun Deta Gun Deta 156.55 156.22 2.66 1.44 1.30 0.00 - - - - - - - - - - -
CASING DESCRIPTION         OD (mm)         LANDED DEPTI WEIGHT (Pugin) DO P0 fmRB           J-65 Surface Casing         177.8         123         36.7         Surface           J-65 Surface Casing         117.3         123.8         28.8         Surface           J-65 Production Casing         114.3         238.5         14.14         Surface           Perf Date         Zones         Too Shot         Bottom Shot         Status         Gun Data           10/28/10         192.00         197.00         Status         Gun Data         192.00         Open	CASINC Conductor J-55 Surface ( J-55 Production J-55 Production Perf Date 10/28/10 ITTEM# 1 12 3 4 5	Zones Zones Zones DOWNHOLE DE 1 - 60.3mm. J-55 P 1 - 60.3mm. API PS 16 Joints of 60.3mm 1 - 60.3mm. J-55 P 1 - fung hanger	219.1 177.8 114.3 Top Shot 192.00 148.00 148.00 SCRIPTION F DESCRIPTION F DESCRIPTION F DESCRIPTION MP Joint IN N	12.3 125.8 238.5 Bottom Shot 197.00 159.00	WEIGHT (kgim) 36.7 29.8 14.14 Status Suspended Open UP (Tubing Str LENGTH 2.68 0.33 153.56 1.22 0.14	TOP OF (mK8 Surf. Surf. Surf. Surf. Gun Dete. Gun Dete. 166.55 156.22 2.66 1.44 1.30 0.00 - - - - - - - -
Conductor         210.1         12.3         36.7         Surf.           J-55 Strobio Casing         114.3         238.5         14.14         Surf.           Perf Date         Zones         Top Shot         Bottom Shot         Status         Gun Date           1025/10         148.00         197.00         Status         Gun Date           1025/10         144.00         199.00         Open	Conductor J-55 Surface ( J-55 Production J-55 Production Perf Date 10/28/10 ITEM# 1 2 3 4 5	Zones Zones DOWNHOLE DE 1 - 60.3mm. J-55 P 1 - 60.3mm. API PS 16 Joints of 60.3mm 1 - 60.3mm. J-55 P 1 - Tubing hanger	219.1 177.8 114.3 Top Shot 192.00 148.00 148.00 SCRIPTION F DESCRIPTION F DESCRIPTION F DESCRIPTION MP Joint IN N	12.3 125.8 238.5 Bottom Shot 197.00 159.00	36.7 28.8 14.14 Status Suspended Open UP (Tubing Stat LENGTH 3.68 0.33 153.56 1.22 0.14	Surf. Surf. Surf. Surf. Surf. Gun Data Gun Data 156.55 156.52 2.66 1.44 1.30 0.00 0.00 - - - - - - - - - - - - - -
Ješ Surface Casing         177.8         125.8         24.8         Surf.           Ješ Producijan Casing         114.3         238.5         14.14         Surf.           Perf Date         Zones         Top Shot         Bottom Shot         Status         Gun Data           1022/10         192.00         197.60         Status         Gun Data           1022/10         148.00         199.00         Open	J-55 Surface ( J-55 Production Perf Date 10/28/10 ITEM # 1 2 3 4 5	Zones Zones DOWNHOLE DE 1 - 60.3mm .J-55 P 1 - 60.3mm .API PS 16 Joints of 60.3mm 1 - 60.3mm .J-55 P 1 - Tubing hanger	177.8 114.3 Top Shot 192.00 148.00 SSCRIPTION F DESCRIPTION F DESCRIPTION F DESCRIPTION F DESCRIPTION F DESCRIPTION F DESCRIPTION F DESCRIPTION F	125.8 238.5 Bottom Shot 197.00 159.00	28.8 14.14 Status Suspended Open UP (Tubing St LENGTH LENGTH 0.33 163.56 1.22 0.14	Surf. Surf. Surf. Gun Data Gun Data TOP OF (mKB 156.55 156.52 2.66 1.44 1.30 0.00 
J-55 Production Gasing         114.3         238.5         14.14         Suff.           Perf Date         Zones         Top Shot         Bottom Shot         Status         Gun Date           1928/0         192.00         197.00         Status         Gun Date           1928/10         148.00         199.00         Open         Gun Date           1928/10         148.00         199.00         Open         Gun Date           1928/11         148.00         199.00         Open         Gun Date           1928/11         148.00         199.00         Open         Gun Date           1928/11         148.00         199.00         Open         Gun Date           116 Jonts (60 3mm, J-55 Pup.Joint         12.22         1.44         1.30         0.00           116 Jonts (60 3mm, J-55 Pup.Joint         12.22         1.44         -         -           116 Jonts (60 3mm, J-55 Pup.Joint         1.22         1.44         -         -           116 Jonts (60 3mm, J-55 Pup.Joint         1.22         1.44         -         -           117 Ling Pup.Benger         0.14         1.30         0.00         -         -           117 Ling Pup.Benger         0.14         1.30	J-55 Production Perf Date 10/28/10 ITEM# 1 2 3 4 5	Zones Zones DOWNHOLE DE 1 - 60.3mm .J-55 P 1 - 60.3mm .API PS 16 Joints of 60.3mm 1 - 60.3mm .J-55 P 1 - Tubing hanger	114.3 Top Shot 192.00 148.00 SCRIPTION F DESCRIPTION F DESCRIPTION I IN N N . JS5 Tubing	238.5 Bottom Shot 197.00 159.00	14.14 Status Suspended Open UP (Tubing Str LENGTH 3.68 0.33 163.66 1.22 0.14	Surt. Gun Deta Gun Deta 156.55 156.22 2.66 1.44 1.30 0.00 - - - - - - - - - - - - - - - - -
Perf Date         Zones         Top Sited         Bottom Stot         Status         Gum Date           1928/10         192.00         197.00         Sizepended         0 <td< td=""><td>Perf Date 10/28/10 10/28/10 10/28/10 11 10/28/10 1 10/28/10 1 1 1 1 2 3 4 5</td><td>Zones DOWNHOLE DE 1 - 60.3mm, J-55 Pi 1 - 60.3mm, API PS 16 Joints of 60.3mm 1 - 60.3mm, J-55 Pi 1 - Tubing hanger</td><td>Top Shot 192.00 148.00 SCRIPTION F DESCRIPTION F DESCRIPTION IP Joint IN N. JS5 Tubing</td><td>Bottom Shot 197.00 159.00</td><td>Status Suspended Open UP (Tubing Str LENGTH 3.68 0.33 153.56 1.22 0.14</td><td>Gun Data Gun Data TOP OF (mKE 156.55 156.52 2.66 1.44 1.30 0.00 - - - - - - - - - - - - -</td></td<>	Perf Date 10/28/10 10/28/10 10/28/10 11 10/28/10 1 10/28/10 1 1 1 1 2 3 4 5	Zones DOWNHOLE DE 1 - 60.3mm, J-55 Pi 1 - 60.3mm, API PS 16 Joints of 60.3mm 1 - 60.3mm, J-55 Pi 1 - Tubing hanger	Top Shot 192.00 148.00 SCRIPTION F DESCRIPTION F DESCRIPTION IP Joint IN N. JS5 Tubing	Bottom Shot 197.00 159.00	Status Suspended Open UP (Tubing Str LENGTH 3.68 0.33 153.56 1.22 0.14	Gun Data Gun Data TOP OF (mKE 156.55 156.52 2.66 1.44 1.30 0.00 - - - - - - - - - - - - -
192.00         197.00         Stageneded           1028/10         148.00         159.00         Open           DOWNHOLE DESCRIPTION FROM BOTTOM UP (Tubing String)           TEEM#         DESCRIPTION         LENGTH         TOP OF (mkg)           1         1-60.3mm.455 Rp.3mt         3.68         156.55           2         1-60.3mm.455 Rp.3mt         3.68         156.55           2         1-60.3mm.455 Tubing         155.55         2.66           4         1-60.3mm.455 Tubing         155.55         2.66           4         1-60.3mm.455 Tubing         155.55         2.66           4         1-60.3mm.455 Tubing         152.21         1.44           5         1-1.1um targer         0.14         1.30         0.00           6         KB-GL         1.30         0.00         -         -	10/28/10 ITEM# 1 2 3 4 5	DOWNHOLE DE 1 - 60.3mm J-55 Pi 1 - 60.3mm API PS 16 Joints of 60.3mm 1 - 60.3mm -55 Pi 1 - full stanger	192.00 148.00 SCRIPTION F DESCRIPTION F DESCRIPTION up Joint IN n. J-55 Tubing	197.00 159.00	Suspended Open UP (Tubing Str LENGTH 3.68 0.33 163.66 1.22 0.14	ring) TOP OF (mKB 156.55 156.22 2.66 1.44 1.30 0.00 - - - - - - - - - - - - - - - - -
192.00         197.00         Suspended           1028/10         148.00         199.00         Cpen           DOWNHOLE DESCRIPTION FROM BOTTOM UP (Tubing String)           TEM#         DESCRIPTION         LENGTH         TOP OF (mkg)           1         1-00.3mm, J-55 Pub Joint         0.38         156.55           2         1-00.3mm, J-55 Pub Joint         0.26         156.55           3         16 Joints 060.3mm, J-55 Tubing         122         1.44           5         1 - ruting hanger         0.14         1.30         0.00           6         KB - GL         1.30         0.00         -           0         0         -         -         -         -           0         0         -         -         -         -         -           0         0         -         -         -         -         -         -           0         -	10/28/10 ITEM# 1 2 3 4 5	DOWNHOLE DE 1 - 60.3mm J-55 Pi 1 - 60.3mm API PS 16 Joints of 60.3mm 1 - 60.3mm -55 Pi 1 - full stanger	192.00 148.00 SCRIPTION F DESCRIPTION F DESCRIPTION up Joint IN n. J-55 Tubing	197.00 159.00	Suspended Open UP (Tubing Str LENGTH 3.68 0.33 163.66 1.22 0.14	ring) TOP OF (mKB 156.55 156.22 2.66 1.44 1.30 0.00 - - - - - - - - - - - - - - - - -
10/28/10         148.00         159.00         Open           DOWNHOLE DESCRIPTION FROM BOTTOM UP (Tubing String)         TOP OF (mkg)           TEM #         DESCRIPTION         LENGTH         TOP OF (mkg)           1         1:00.3mm. JAS Pup. Joint         0.33         156.55           2         1:00.3mm. JAS Pup. Joint         0.33         156.55           3         16.Joints of 00.3mm. JAS Pup. Joint         1.22         1.44           5         1. 'Lining hanger         0.12         1.44           5         1. 'Lining hanger         0.13         0.00           6         KB - GL         1.30         0.00	ITEM # 1 2 3 4 5	1 - 60.3mm. J-55 Pi 1 - 60.3mm. API PS 16 Joints of 60.3mm 1 - 60.3mm. J-55 Pi 1 - Tubing hanger	148.00 SCRIPTION F DESCRIPTION UP, Joint IN n. J-55 Tubing	159.00	Open UP (Tubing St LENGTH 3.68 0.33 153.66 1.22 0.14	TOP OF (mKB 156.55 156.22 2.66 1.44 1.30 0.00
DOWNHOLE DESCRIPTION FROM BOTTOM UP (Tubing String)           TERM #         DOSCRIPTION         LENGTH         TOP OF (mkg           1         +0.03mm, J-55 Pup.Joint         0.38         156,25         156,26           2         1         +0.03mm, J-55 Pup.Joint         0.33         156,22           3         16,02mm, J-55 Pup.Joint         122         1.44           5         1 - Tubing hange         0.14         1.30           6         KB - GL         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -	ITEM # 1 2 3 4 5	1 - 60.3mm. J-55 Pi 1 - 60.3mm. API PS 16 Joints of 60.3mm 1 - 60.3mm. J-55 Pi 1 - Tubing hanger	SCRIPTION F DESCRIPTION Up Joint IN n. J-55 Tubing		UP (Tubing St LENGTH 3.68 0.33 153.56 1.22 0.14	TOP OF (mKB 156.55 156.22 2.66 1.44 1.30 0.00
ITEM#         DESCRIPTION         LENGTH         TOP OF (mMS)           1         1-00.3mm.JSB Pup.Joint         2.58         156.55           2         1-00.3mm.JSB Tubing         153.66         2.66           3         16 Joints of 60.3mm.JSB Tubing         153.65         2.66           4         1-00.3mm.JSB Tubing         153.66         2.66           5         1-1.0bing herger         0.14         1.30           6         KB-GL         1.30         0.00           6         KB-GL         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         <	1 2 3 4 5	1 - 60.3mm. J-55 Pi 1 - 60.3mm. API PS 16 Joints of 60.3mm 1 - 60.3mm. J-55 Pi 1 - Tubing hanger	DESCRIPTION up Joint N n. J-55 Tubing		LENGTH 3.68 0.33 163.56 1.22 0.14	TOP OF (mKB 156.55 156.22 2.66 1.44 1.30 0.00
TEBM #         DESCRIPTION         LENGTH         TOP OF (mRKB)           1         1         60.3mm. J-55 Tubing         2.68         156.55           2         1         60.3mm. J-55 Tubing         150.86         2.66           3         16 Joints of 60.3mm. J-55 Tubing         150.86         2.66         2.66           4         1         6.60.3mm. J-55 Tubing         150.46         2.66         1.30           6         KB-GL         0.00         -         -         -           -         -         -         -         -         -           -         -         -         -         -         -         -           -         <	1 2 3 4 5	1 - 60.3mm. J-55 Pi 1 - 60.3mm. API PS 16 Joints of 60.3mm 1 - 60.3mm. J-55 Pi 1 - Tubing hanger	DESCRIPTION up Joint N n. J-55 Tubing		LENGTH 3.68 0.33 163.56 1.22 0.14	TOP OF (mKB 156.55 156.22 2.66 1.44 1.30 0.00
TERM#         DESCRIPTION         LENGTH         TOP OF (mKB)           1         1         1         1         0.070 OF (mKB)           2         1         0.03 mm. J-55 Tubing         150.56         2.66           3         16 Jonts of 60.3mm. J-55 Tubing         150.56         2.66           4         1         60.3mm. J-55 Tubing         150.56         2.66           4         1         60.3mm. J-55 Tubing         1.22         1.44           5         1         Juing hanger         0.14         1.30           6         KB-GL         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -	1 2 3 4 5	1 - 60.3mm. J-55 Pi 1 - 60.3mm. API PS 16 Joints of 60.3mm 1 - 60.3mm. J-55 Pi 1 - Tubing hanger	DESCRIPTION up Joint N n. J-55 Tubing	ROM BOTTOM	LENGTH 3.68 0.33 163.56 1.22 0.14	TOP OF (mKB 156.55 156.22 2.66 1.44 1.30 0.00
TEM #         DESCRIPTION         LENGTH         TOP OF (mKB)           1         1 + 60.3mm. J-55 http. Joint         3.88         156.55           2         1 - 60.3mm. J-55 http. Joint         0.33         156.25           3         16 Joints of 60.3mm. J-55 http. Joint         12.2         1.46           4         1 + 60.3mm. J-55 http. Joint         12.2         1.44           5         1 - Jubing hanger         0.14         1.30           6         KB - GL         1.30         0.00           6         KB - GL         -         -           -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -         -           -         -         -         -         -         -         -           -         -         -         -         -         -         -         -         -         -         -         - </td <td>1 2 3 4 5</td> <td>1 - 60.3mm. J-55 Pi 1 - 60.3mm. API PS 16 Joints of 60.3mm 1 - 60.3mm. J-55 Pi 1 - Tubing hanger</td> <td>DESCRIPTION up Joint N n. J-55 Tubing</td> <td>ROM BOTTOM</td> <td>LENGTH 3.68 0.33 163.56 1.22 0.14</td> <td>TOP OF (mKB 156.55 156.22 2.66 1.44 1.30 0.00</td>	1 2 3 4 5	1 - 60.3mm. J-55 Pi 1 - 60.3mm. API PS 16 Joints of 60.3mm 1 - 60.3mm. J-55 Pi 1 - Tubing hanger	DESCRIPTION up Joint N n. J-55 Tubing	ROM BOTTOM	LENGTH 3.68 0.33 163.56 1.22 0.14	TOP OF (mKB 156.55 156.22 2.66 1.44 1.30 0.00
ITEM #         DESCRIPTION         LENGTH         TOP OF (mR8           1         1.400mm.355 mg.Joint         2.88         156.55           2         1.400mm.355 Tubing         153.56         2.66           3         16 Joints of 60.3mm.355 Tubing         153.56         2.66           4         1.400.3mm.355 Tubing         153.56         2.66           5         1.7 Libing hanger         0.14         1.30           6         KB-GL         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -	1 2 3 4 5	1 - 60.3mm. J-55 Pi 1 - 60.3mm. API PS 16 Joints of 60.3mm 1 - 60.3mm. J-55 Pi 1 - Tubing hanger	DESCRIPTION up Joint N n. J-55 Tubing		LENGTH 3.68 0.33 163.56 1.22 0.14	TOP OF (mKB 156.55 156.22 2.66 1.44 1.30 0.00
1         1-60 3mm. J-55 Pup Joint         2.88         156.22           2         1-60 3mm. J-55 Pup Joint         0.33         156.22           3         16 Joints of 60 3mm. J-55 Pup Joint         1.22         1.44           5         1-7 Lineing Imager         0.14         1.30           6         KB-GL         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -	1 2 3 4 5	1 - 60.3mm, J-55 P 1 - 60.3mm, API PS 16 Joints of 60.3mm 1 - 60.3mm, J-55 P 1 - Tubing hanger	up Joint 3N n. J-55 Tubing		3.68 0.33 163.56 1.22 0.14	156.55 156.22 2.66 1.44 1.30 0.00 
2         1 - 60.3mm. API PSN         0.33         199.22           3         16 Joins of 50 3mm. J-55 Tubing         150.56         266           4         1 - 60.3mm. J-55 Tubing         152.26         1.44           5         1 - Tubing hanger         0.14         1.30           6         KB - GL         1.30         0.00           6         KB - GL         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -	2 3 4 5	1 - 60.3mm, APLPS 16 Joints of 60.3mm 1 - 60.3mm, J-55 Pr 1 - Tubing hanger	iN n. J-55 Tubing		0.33 153.56 1.22 0.14	156.22 2.66 1.44 1.30 0.00 
3         16 Joints of 60 3mm. J-55 Tubing         150 56         266           4         1 - 60 3mm. J-55 Tup, Joint         1.22         1.44           5         1 - Tubing hanger         0.14         1.30           6         KB - GL         1.30         9.00           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -	3 4 5	16 Joints of 60.3mm 1 - 60.3mm, J-55 Pt 1 - Tubing hanger	n. J-55 Tubing		153.56 1.22 0.14	266 144 1.30 0.00 
4         1 + 60 3mm, ±55 Pup, Joint         1.22         1.44           5         1 - Tubing hanger         0.14         1.30         0.00           6         KB - GL         1.30         0.00         -         -           1         1.30         0.00         -         -         -         -           1         1.30         0.00         - <td>4</td> <td>1 - 60.3mm, J-55 Pt 1 - Tubing hanger</td> <td></td> <td></td> <td>0.14</td> <td>1.30 0.00 - - - - - - - - - - - - -</td>	4	1 - 60.3mm, J-55 Pt 1 - Tubing hanger			0.14	1.30 0.00 - - - - - - - - - - - - -
5         1 - Tubing hanger         0.14         1.30         0.00           6         KB - GL         1.30         0.00         -         -           -         -         -         -         -         -         -           -	5	1 - Tubing hanger				0.00
6         KB-GL         1.30         0.00           -         -         -         -           - <td< td=""><td>6</td><td></td><td></td><td></td><td>1.30</td><td></td></td<>	6				1.30	
MEIGHT OF TUBING STRING (daN)     TOTAL STRING LENGTH       TENSIONCOMPRESSION (+/- daN)     TOTAL STRING LENGTH       LANDED STRING (daN)     TOTAL STRING LENGTH       DOWNHOLE DESCRIPTION     LENGTH       OUMP DESCRIPTION     PUMP JACK DESCRIPTION       LANDED DEPTH (mKB)     0.00						
WEIGHT OF TUBING STRING (dai)     TOTAL STRING LENGTH       TENSIONCOMPRESSION (+f- dan)     STRETCHISLACKOFF (+f- m)       LANDED STRING WEIGHT (dail)     TUBING BOTTOM (mKB)       DOWNHOLE DESCRIPTION     IENGTH       AMOUNT     DESCRIPTION       LANDED DEPTH (mKB)     0.00       WEIL HEAD DESCRIPTION     VIMPJACK DESCRIPTION						
WEIGHT OF TUBING STRING (daN)       TOTAL STRING LENGTH         WEIGHT OF TUBING STRING (daN)       TOTAL STRING LENGTH         TENSIONCOMPRESSION (+/- dan)       STRETCHISLACKOFF (+/- m)         LANDED STRING WEIGHT (daN)       TUBING BOTTOM (mkB)         DOWNHOLE DESCRIPTION       IENGTH         AMOUNT       DESCRIPTION         PUMP DESCRIPTION       PUMPJACK DESCRIPTION         LANDED DEPTH (mKB)       0.00         WEIL HEAD DESCRIPTION						
WEIGHT OF TUBING STRING (daN)       TOTAL STRING LENGTH         TENSION COMPRESSION (+f- daN)       STRETCH/SLACKOPF (+f-m)         LANDED STRING WEIGHT (daN)       TUBING BOTTOM (mKB)         DOWNHOLE DESCRIPTION       LENGTH         AMOUNT       DESCRIPTION         LANDED DEPTH (mKB)       0.00         WEIL HEAD DESCRIPTION						
WEIGHT OF TUBING STRING (daN)       TOTAL STRING LENGTH         TENSIONCOMPRESSION (+f- daN)       STRETCH/SLACKOFF (+f-m)         LANDED STRING WEIGHT (daN)       TUBING BOTTOM (mKB)         DOWNHOLE DESCRIPTION       FROM BOTTOM UP (Rod String)         AMOUNT       DESCRIPTION         LANDED DEPTH (mKB)       0.00         WEIL HEAD DESCRIPTION						
WEIGHT OF TUBING STRING (dan)       TOTAL STRING LENGTH         WEIGHT OF TUBING STRING (dan)       TOTAL STRING LENGTH         UANDED STRING WEIGHT (dan)       STRETCH/SLACKOFF (+/- m)         UANDED STRING WEIGHT (dan)       TUBING BOTTOM (mKB)         DOWNHOLE DESCRIPTION FROM BOTTOM UP (Rod String)         AMOUNT       DESCRIPTION         LENGTH       TOTAL (m)						-
WEIGHT OF TUBING STRING (daN)       TOTAL STRING LENGTH         TENSIONCOMPRESSION (+/- daN)       STRETCH/SLACKOPF (+/- m)         LANDED STRING WEIGHT (daN)       TUBING BOTTOM (mKB)         DOWNHOLE DESCRIPTION FROM BOTTOM UP (Rod String)         AMOUNT       DESCRIPTION         LENGTH       TOTAL (m)						-
WEIGHT OF TUBING STRING (dan)       TOTAL STRING LENGTH         UNERGHT OF TUBING STRING (dan)       TOTAL STRING LENGTH         TENSIONCOMPRESSION (+f. dan)       STRETCH/SLACKOFF (+f. m)         LANDED STRING WEIGHT (dan)       TUBING BOTTOM (mKB)         DOWNHOLE DESCRIPTION FROM BOTTOM UP (Rod String)         AMOUNT       DESCRIPTION         LENGTH       TOTAL (m)         -       - <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>						-
WEIGHT OF TUBING STRING (daN)       TOTAL STRING LENGTH         TENSIONCCOMPRESSION (+: daN)       STRETCH/SLACKOFF (+:-m)         LANDED STRING WEIGHT (daN)       TUBING BOTTOM (mKB)         MOUNT       DESCRIPTION         LAMOUNT       DESCRIPTION         LENGTH       TOTAL STRING LENGTH         1       DESCRIPTION         LANDED DEPTH (mKB)       0.00         WEIL HEAD DESCRIPTION						-
WEIGHT OF TUBING STRING (dan)       TOTAL. STRING LENGTH         TENSION/COMPRESSION (++ dan)       STRETCH/SLACKOFF (+- m)         LANDED STRING WEIGHT (dan)       TUBING BOTTOM (mKB)         DOWNHOLE DESCRIPTION FROM BOTTOM UP (Rod String)         AMOUNT       DESCRIPTION         LANDED DESCRIPTION         PUMP DESCRIPTION						-
WEIGHT OF TUBING STRING (dan)       TOTAL STRING LENGTH         TENSIONCOMPRESSION (+/- dan)       STRETCHISLACKOFF (+/- m)         LANDED STRING WEIGHT (dan)       TUBING BOTTOM (mKB)         160.23       DOWNHOLE DESCRIPTION         MOUNT       DESCRIPTION         PUMP DESCRIPTION       LENGTH         TOTAL STRING WEIGHT (mKB)       0.00         WEILL HEAD DESCRIPTION       VELL HEAD DESCRIPTION						-
						į
EVALUATE CONTRACT STRING (AN)     TOTAL STRING LENGTH     TUBING STRING (4AN)     TUBING BOTTOM (mKB)     TUBING BOTTOM (mKB)     TUBING BOTTOM (mKB)     TOTAL (m)     AMOUNT     DESCRIPTION     LENGTH     TOTAL (m)     TUBING BOTTOM (mKB)     TOTAL (m)						-
WEIGHT OF TUBING STRING (daN)     TOTAL STRING LENGTH     150.23     TENSIONCOMPRESSION (++ daN)     STRETCH/SLACKOFF (+)- m)     LANDED STRING WEIGHT (daN)     TUBING BOTTOM (mKB)     160.23     DOWNHOLE DESCRIPTION FROM BOTTOM UP (Rod String)     AMOUNT     DESCRIPTION     LENGTH     TOTAL (m)						
WEIGHT OF TUBING STRING (daN)       TOTAL STRING LENGTH       150.23         TENSIONCOMPRESSION (+- daN)       STRETCHISLACKOFF (+ - m)         LANDED STRING WEIGHT (daN)       -       TUBING BOTTOM (mKB)         DOWNHOLE DESCRIPTION FROM BOTTOM UP (Rod String)       AMOUNT       DESCRIPTION         LENGTH       TOTAL (m)       -         PUMP DESCRIPTION       PUMPJACK DESCRIPTION         PUMP DESCRIPTION       PUMPJACK DESCRIPTION         LANDED DEPTH (mKB)       0.00         WELL HEAD DESCRIPTION       WELL HEAD DESCRIPTION						
WEIGHT OF TUBING STRING (daN)       TOTAL STRING LENGTH       150.23         TENSIONCOMPRESSION (+- daN)       STRETCHISLACKOFF (+ - m)         LANDED STRING WEIGHT (daN)       -       TUBING BOTTOM (mKB)         DOWNHOLE DESCRIPTION FROM BOTTOM UP (Rod String)       AMOUNT       DESCRIPTION         LENGTH       TOTAL (m)       -         PUMP DESCRIPTION       PUMPJACK DESCRIPTION         PUMP DESCRIPTION       PUMPJACK DESCRIPTION         LANDED DEPTH (mKB)       0.00         WELL HEAD DESCRIPTION       WELL HEAD DESCRIPTION				A REAL PROPERTY OF A READ PROPERTY OF A REAL PROPER		Contract of the Area and the second second
TENSION/COMPRESSION (+f- dan)       STRETCH/SLACKOFF (+/- m)         LANDED STRING WEIGHT (dan)       -         TUBING BOTTOM (mK8)       160.23         DOWNHOLE DESCRIPTION FROM BOTTOM UP (Rod String)         AMOUNT       DESCRIPTION         LENGTH       TOTAL (m)         -       -         - </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
TENSION/COMPRESSION (+/- dan)       STRETCH/SLACKOFF (+/- m)         LANDED STRING WEIGHT (dan)       -         DOWNHOLE DESCRIPTION FROM BOTTOM UP (Rod String)         AMOUNT       DESCRIPTION         LENGTH       TOTAL (m)         -       -						
TENSION/COMPRESSION (+/- dan)       STRETCH/SLACKOFF (+/- m)         LANDED STRING WEIGHT (dan)       -         DOWNHOLE DESCRIPTION FROM BOTTOM UP (Rod String)         AMOUNT       DESCRIPTION         LENGTH       TOTAL (m)         -       -	WEIGHT OF	TUBING STRING (4)	aN)	TOTAL STRING	LENGTH	150.23
LANDED STRING WEIGHT (daN) - TUBING BOTTOM (mKB) 160.23 DOWNHOLE DESCRIPTION FROM BOTTOM UP (Rod String) AMOUNT DESCRIPTION LENGTH TOTAL (m) 						
DOWNHOLE DESCRIPTION FROM BOTTOM UP (Rod String)           AMOUNT         DESCRIPTION         LENGTH         TOTAL (m)           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -		RING WEIGHT (daN)	-	TUBING BOTTO	M (mKB)	
PUMP DESCRIPTION     PUMPJACK DESCRIPTION       LANDED DEPTH (mKB)     0.00       WELL HEAD DESCRIPTION				FROM BOTTOM		
PUMP DESCRIPTION PUMPJACK DESCRIPTION  LANDED DEPTH (mKB) 0.00 WELL HEAD DESCRIPTION	AMOUNT	1	DESCRIPTION		LENGTH	TOTAL (m)
PUMP DESCRIPTION     PUMPJACK DESCRIPTION       LANDED DEPTH (mKB)     0.00       WELL HEAD DESCRIPTION						-
PUMP DESCRIPTION PUMPJACK DESCRIPTION						-
PUMP DESCRIPTION PUMPJACK DESCRIPTION						-
PUMP DESCRIPTION PUMPJACK DESCRIPTION  LANDED DEPTH (mKB) 0.00 WELL HEAD DESCRIPTION		- Anna - Anna				
PUMP DESCRIPTION PUMPJACK DESCRIPTION LANDED DEPTH (mKB) 0.00 WELL HEAD DESCRIPTION	Station and Common					
PUMP DESCRIPTION PUMPJACK DESCRIPTION LANDED DEPTH (mKB) 0.00 WELL HEAD DESCRIPTION						
LANDED DEPTH (mKB) 0.00 WELL HEAD DESCRIPTION						-
LANDED DEPTH (mKB) 0.00 WELL HEAD DESCRIPTION	-	PUMP DESCRIPTIC	DN	PU	MPJACK DESCRI	IPTION
WELL HEAD DESCRIPTION						
WELL HEAD DESCRIPTION						
WELL HEAD DESCRIPTION			-			
	LANDE	D DEPTH (mKB)				
ITEM # DESCRIPTION SERIAL # MWP SIZE	-					
	пем#	DESCRI	FILON	SERIAL#	WWW	SIZE
		*****				
				No. of the second second		
		1				
		The second second second				
		1		1		
		1				
	REMARKS			10		
REMARKS	Service and the service of the servi	I MERCENSE W.	100			
			CE.			
Baker WR Plug set @ 175.00 mkb. CE.	IR CON COLUMN	a on top of plug.				
		ITEM#	LANDED DEPTH (mKB)	LANDED DEPTH (mKB) 0.00 WELL HEA ITEM # DESCRIPTION REMARKS Baker WR Plug set @ 175.00 mkb. CE.	LANDED DEPTH (mKB) 0.00 WELL HEAD DESCRIPTION ITEM # DESCRIPTION SERIAL # REMARKS Baker WR Plug set @ 175.00 mkb. CE.	LANDED DEPTH (mKB) 0.00 WELL HEAD DESCRIPTION ITEM # DESCRIPTION SERIAL # MWP REMARKS Baker WR Plug set @ 175.00 mkb. CE.

Vulcan Investcan Flat Bay #1 2010 Re-entry Termination Appendix

ВА	<b>KER</b> UGHES	Temp	Diffe	Differential Temperature / Pressure	ure/
<b>Baker Atlas</b>	S	С С	Gamma Ray,	Ray/CCL	
File No:	Company	VULCAN MINERALS INC.	RALS INC.		
	Well	VULCAN INVES	VULCAN INVESTCAN FLAT BAY #1	±	
API No:	Field	FLAT BAY		Comptry CANADA	
	Location			Other Services	vices
	LICENSE: #96-105				
	NORTHING: 5360237.97	97 EASTING: 384435.373	5.373		
	SEC	TWP	RGE		
Permanent Datum	GROUND LEVEL	Elevation	47 m	Elevations	ns
Log Measured From	K.B	1.3 m	Above P. D.	KH 48.3 m	
<b>Drill Measured From</b>	KELLY BUSHING				
				G L +/ =	
Date Run	26/DCT/10 ONE	7/10			
Service Order	CA201364	364			
Depth Driller	2 <b>30</b> m				
Depth Logger	NOT TAGGED	AGGED			
Bottom Logged Interval	180 m				
Top Logged Interval	8				
Time Started	10:30				
Time Finished	12:45				
Uperator Rig lime	2 HR	2 HR 15 MIN			
Fluid Density	N/A				
Salinity	N/A				
Fluid Level	N/A				
Logged Cement Top	N/A				
Wellhead Pressure	0 kPa				
Maximum Hole Deviation	N/A				
Nominal Logging Speed	10 mpm				
Maximum Recorded Temperature		o			
Reference Log	SEE F	SEE REMARKS			
Date		SEE REMARKS			
Equipment No. Location			GRANDE PRAIRIE		
Recorded By	P.KIELLY				
Witnessed By	H. SEGUIN				

In making interpretations of logs, our employees will give the customer the benefit of their best judgement. But since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and we do not guarantee the accuracy or correctness of any interpretation. We shall not be liable or responsible for any loss, cost, damages, or expenses whatsoever incurred or sustained by the customer resulting from any interpretation made by any of our employees.

	Borehole Record	
Bit Size	From	То

		Casing Record		
Size	Weight	Grade	From	То
219 mm	35.7 kg/m	J-55	0 m	12.4 m
177.8 mm	29.8 kg/m	J-55	0 m	125.9 m
114 mm	14.14 kg/m	J-55	0 m	238.5 m
60.3 mm	6.99 kg/m	J-55	0 m	197.8 m

Remarks

-LOG WAS RAN AS PER CUSTOMER REQUEST

-NO CORRELATION LOG AVAILABLE, LOG WAS CORRELATED TO GROUND LEVEL • 1.3mKB

-LOG RAN TROUGH 60.3mm TUBING

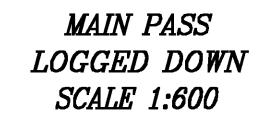
			Equipment	t Data	
Run	Trip	Тооі	Series Number	Serial Number	Position
1	1	POWER SUPPLY	8250XA	120501	FREE
1	1	ELECTRONICS	8248EA	166310	FREE
1	1	GAMMA RAY	8262XA	10002763	FREE
1	1	TEMP/PRESSURE	8255XA	2151492	FREE

### TOOL DIAGRAM

.

OTA LONG CABLE HEAD	<u> </u>	4.9	1 m
Series OTA-L			
PCM POWER SUPPLY (8250EA)			
TELEMETRY / CCL (8248EA)			
TELEMETRY JUL (0240EA)		CCL MP	8 m
GAMMA RAY (8262XA)		GR MP	0 m
TEMPERATURE / PRESSURE (8255XA)		PRES MP	6 m
		B	0 m

Total Length: 4.91 m Total Weight: Not Available Max Diameter: 4.32 cm

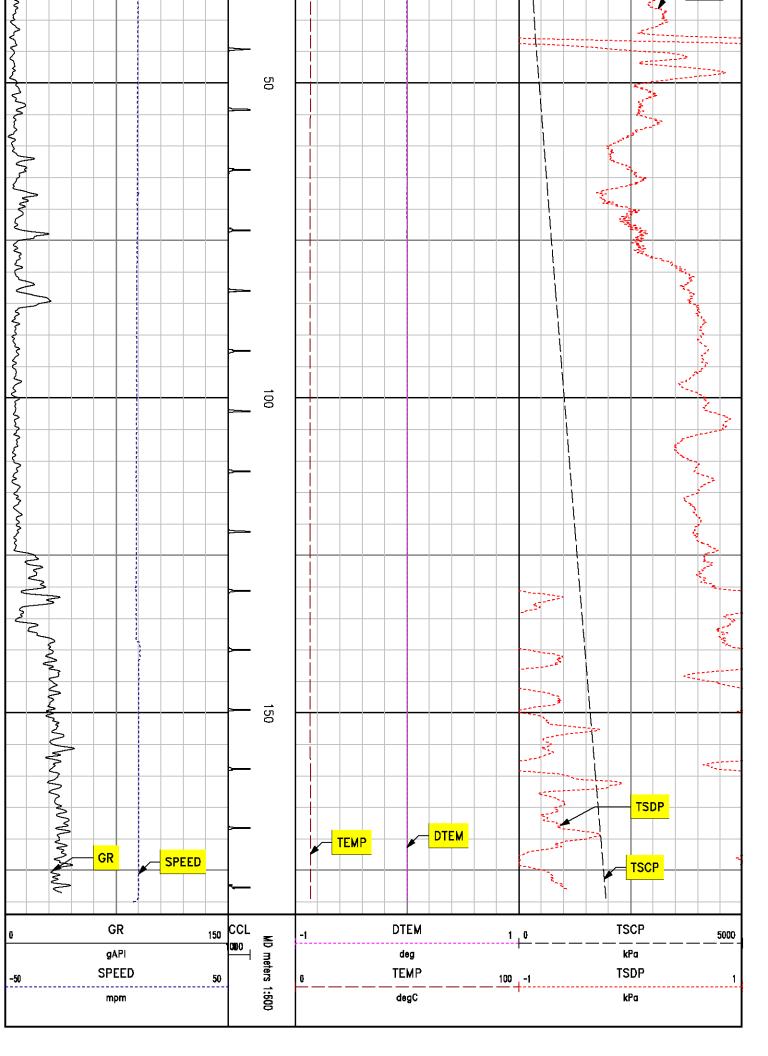


	SPL PR	OCESSING			
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	ТОР	воттом
TPS Pressure	Temperature Corr. Source	Borehole Tempere	ature degC	8.030	180.083

.

		<b>DEPTH O</b> (for Acquired			
SERIES	DEPTH OFFSET	ACQUI	RED CUR	VES	
8248EA	-2.658	FLTM			
8248EA	-2.048	CCL	CHV		
8262XA	-1.048	GR			
8255XA	-0.241	PTFS	PTMS		
8255XA	-0.236	SPF1	SPFQ	TSCP	TSDP
8255XA	0.000	DTEM	TEMP	TNF	
SYSTEM	0.000	TEN	TTEN		

Created by	: SPL, v5.0.0.0			
-	: PlotMgr, v5.4.			
	: VULCAN MINERAL			
	: VULCAN INVESTO			
File Name	: D:\\ELLDATA\sc	ds\MAINDN.XTF		
	: PlotMgr 5.4.50			
	: 8.00 - 181.97			
	: 10/26/2010 10:			
	CCL	DTEM	, 0 TSCP	5000
gAPI	ano 5	deg		
SPEED	MD meters 1:500	TEMP	TCDD	
			+	
mpm	600	degC	kPa	
		<mark>— ТЕМР</mark> — <mark>DTEM</mark>		
GR				
			TSCP TS	DP



### MIAN PASS · LOGGED DOWN SCALE 1:240

#### SPL PROCESSING

MEASUREMENT TYPE PARAMETER TPS Pressure

Temperature Corr. Source

VALUE Borehole Temperature degC

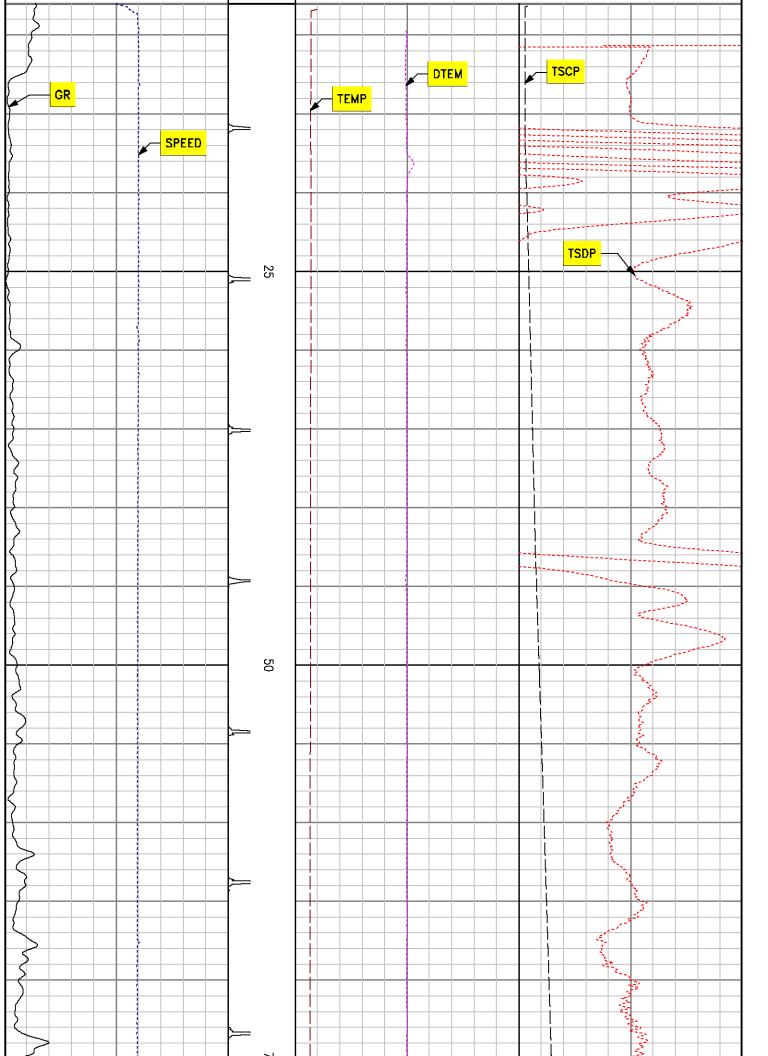
UNITS TOP 8.030

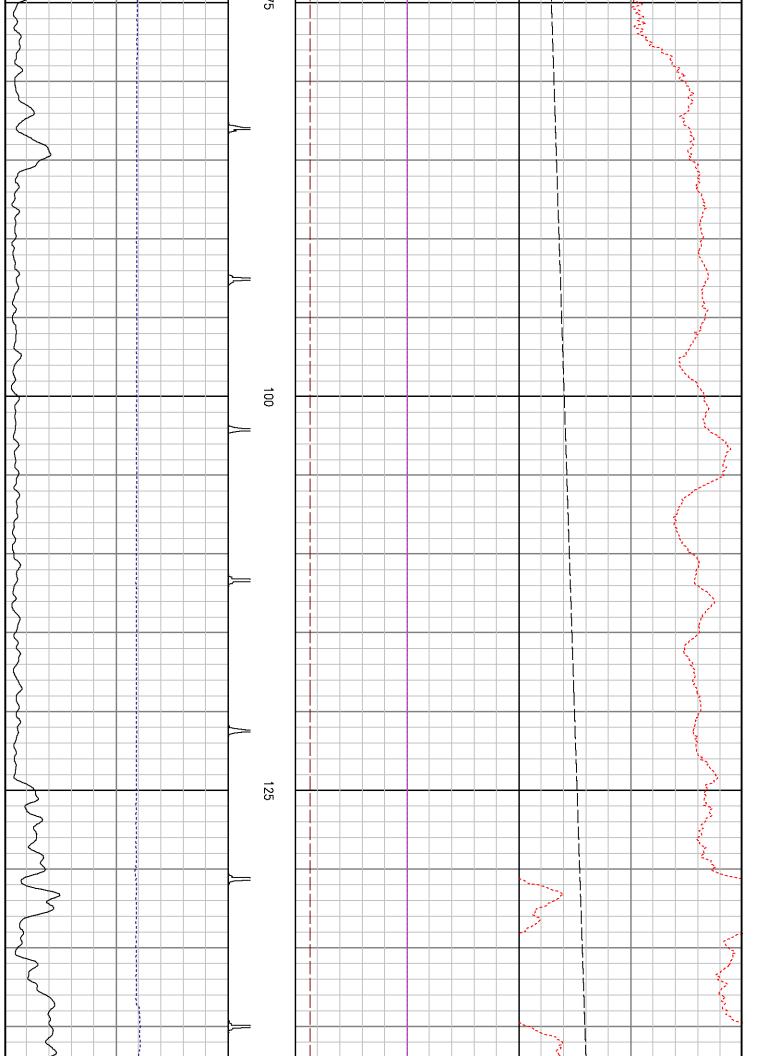
.

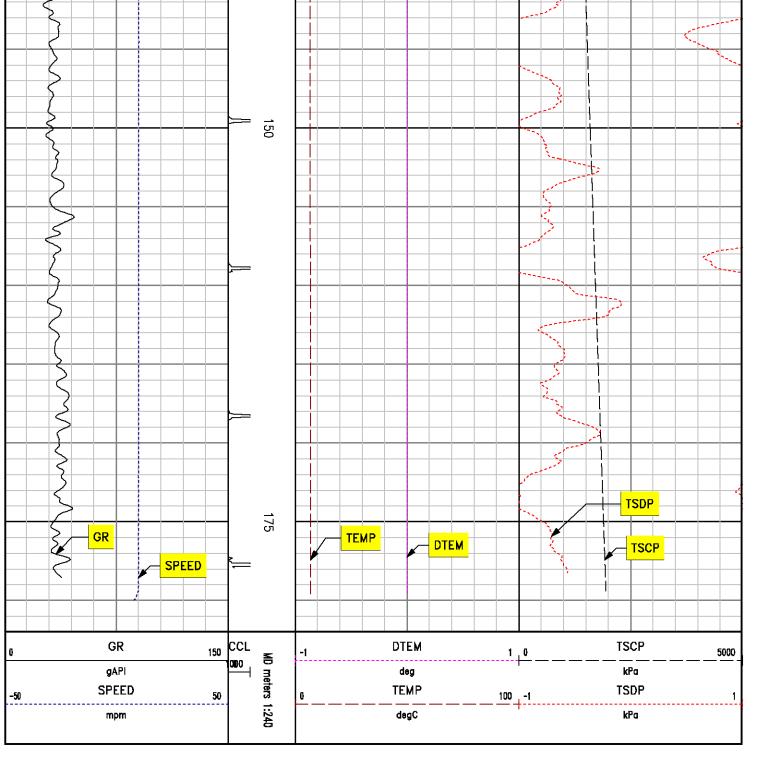
воттом 180.083

		DEPTH OI (for Acquired			
SERIES	DEPTH OFFSET	ACQUI	RED CUR	VES	
8248EA	-2.658	FLTM			
8248EA	-2.048	CCL	CHV		
8262XA	-1.048	GR			
8255XA	-0.241	PTFS	PTMS		
8255XA	-0.236	SPF1	SPFQ	TSCP	TSDP
8255XA	0.000	DTEM	TEMP	TNF	
SYSTEM	0.000	TEN	TTEN		

		Created by	: SPL, v5.0	.0.0				
		Plotted by	: PlotMgr, v	/5.4.504				
		Company	: VULCAN MIN	NERALS IN	IC.			
		Well	: VULCAN IN	/ESTCAN F	LAT BAY #1			
		File Name	: D:\WELLDAT	TA\sds\MA	INDN.XTF			
		Mode	: PlotMgr 5	.4.504				
		Interval	: 8.00 - 181	1.97 mete	ars DO₩N			
		Created	: 10/26/2010	0 10:32:1	II AM			
o	GR	100		-1	DTEM	1 0	TSCP	5000
	gAPI	1			deg		— — — — — — — kPa	1
-50	SPEED	50	meters	0	ТЕМР	100 -1	TSDP	1
	mpm		1:240		degC	Τ	kPa	
				1				







## 10 MIN TIME STATION DEPTH 25 mKB

#### SPL PROCESSING

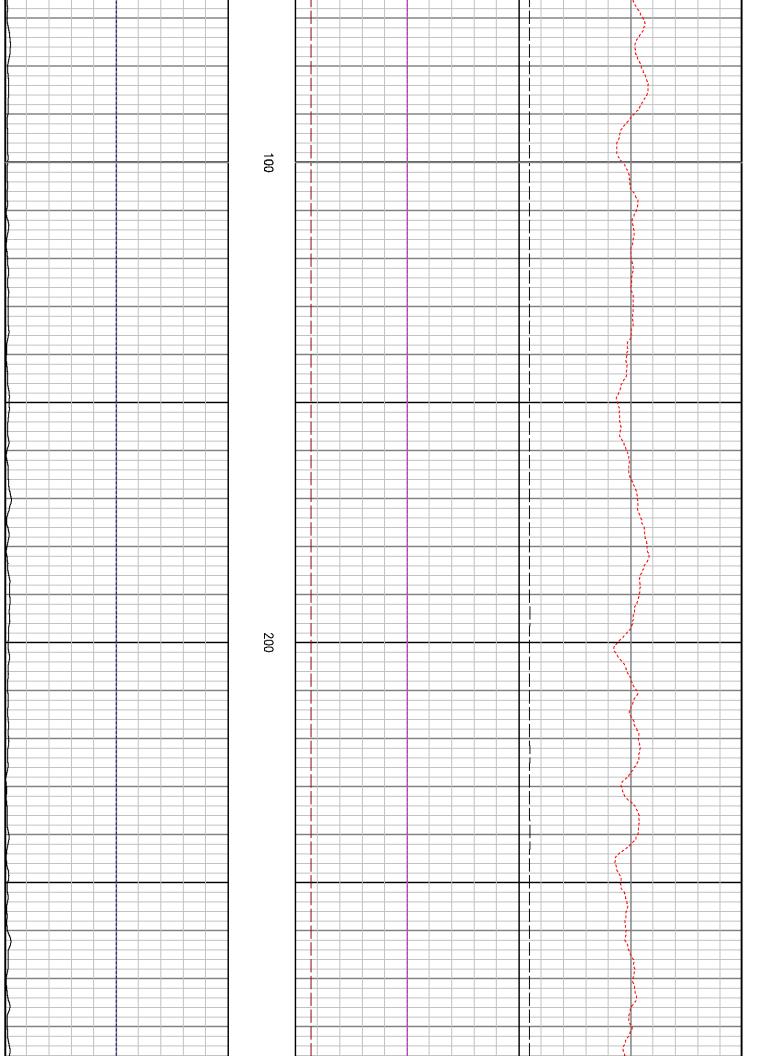
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
TPS Pressure	Temperature Corr. Source	Borehole Temperatur	e degC	0.000	600.500

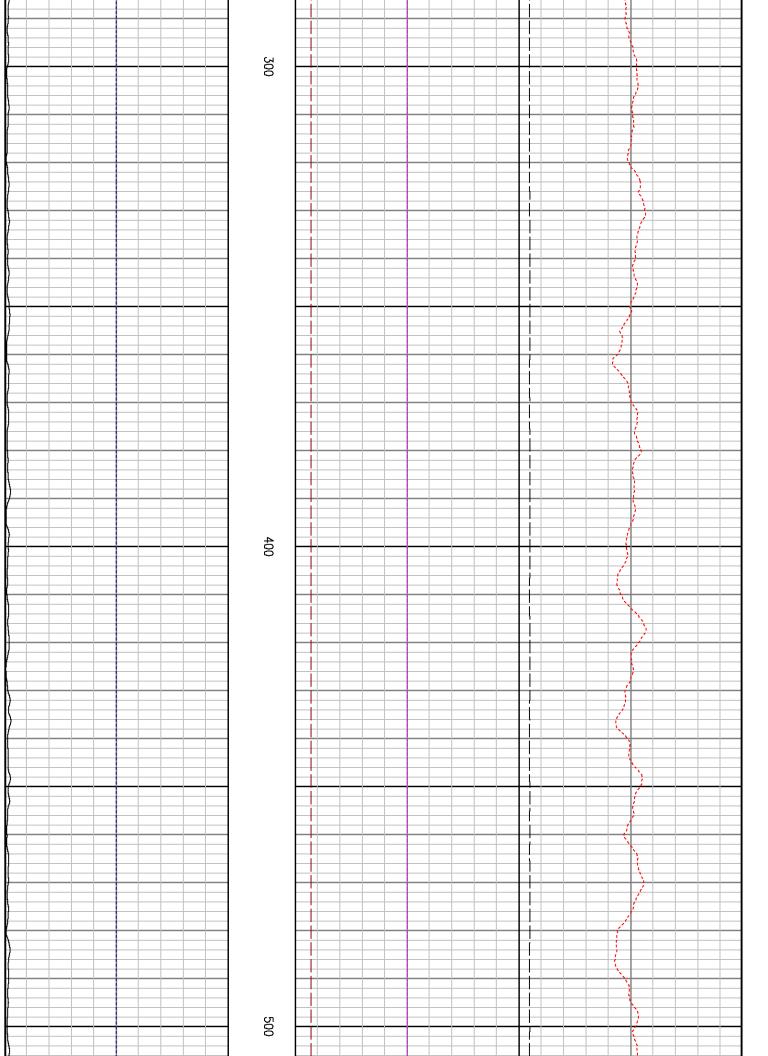
### DEPTH OFFSETS

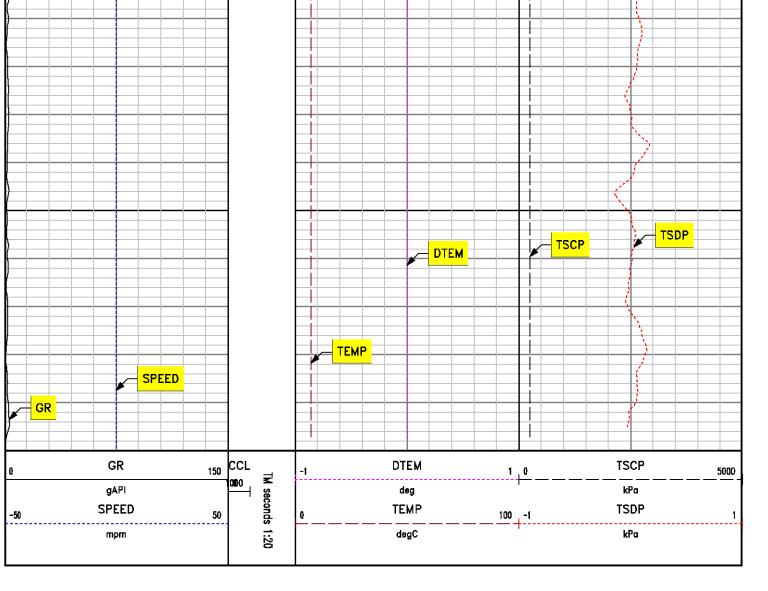
(for Acquired Curves)

SERIES	DEPTH OFFSET	ACQUIR	ED CUR	VES	
8248EA	-2.658	FLTM			
8248EA	-2.048	CCL	CHV		
8262XA	-1.048	GR			
8255XA	-0.241	PTFS	PTMS		
8255XA	-0.236	SPF1	SPFQ	TSCP	TSDP
8255XA	0.000	DTEM	TEMP	TNF	
SYSTEM	0.000	TEN	TTEN		

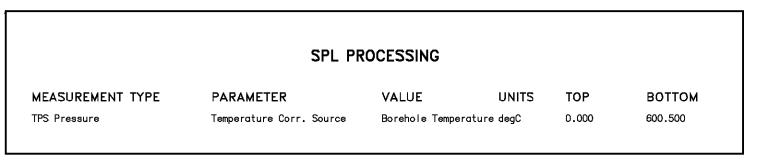
	: SPL, v5.0.				
Plotted by	: PlotMgr, v	5.4.504			
Company	: VULCAN MIN	ERALS INC.			
Well	: VULCAN INV	ESTCAN FLAT BAY #	1		
File Name	: D:\WELLDAT	A\sds\time25.XTF			
Mode	: PlotMgr 5.	4.504			
Interval	: 0 to 600				
Created	: 10/26/2010	12:39:11 PM			
0 GR 150	CCL	-1	DTEM	1,0	TSCP 5000
gÅPl	TM seconds 1:20 울		deg		- — — — — — — - kPa
-50 SPEED 50	Scon	0	TEMP	100 -1	TSDP ,
	ds 1	<u> </u>			
трт	:20		değe.		KI U
GR SPEED					







### 10 MIN TIME STATION DEPTH 50 mKB

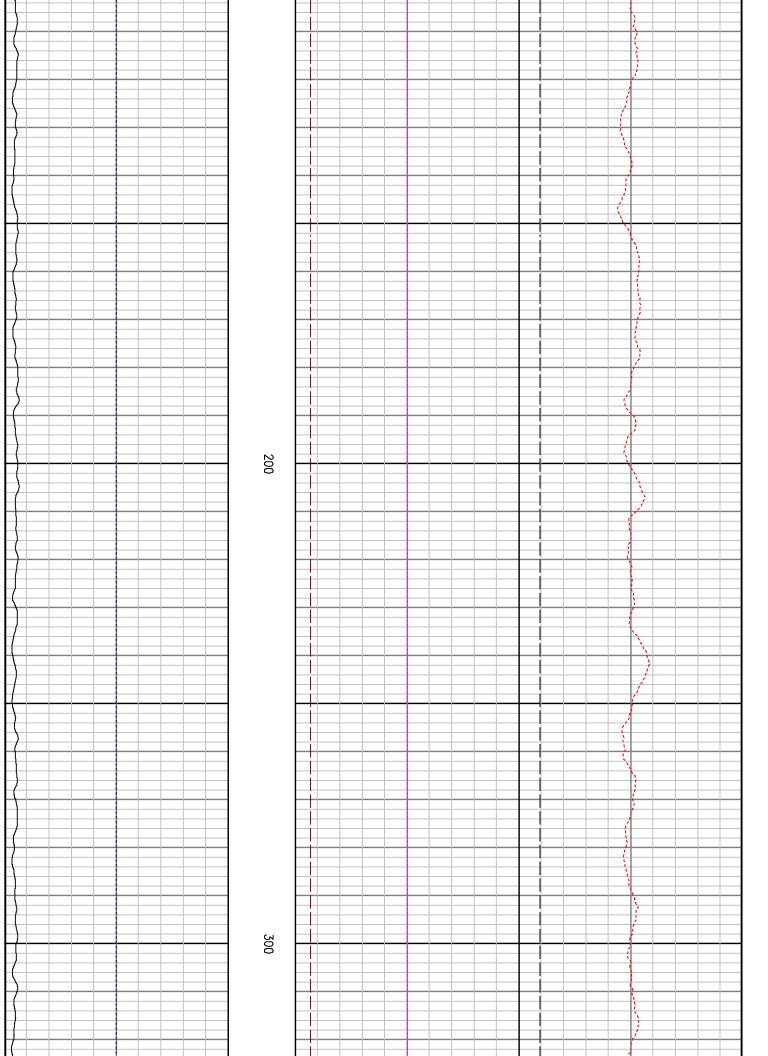


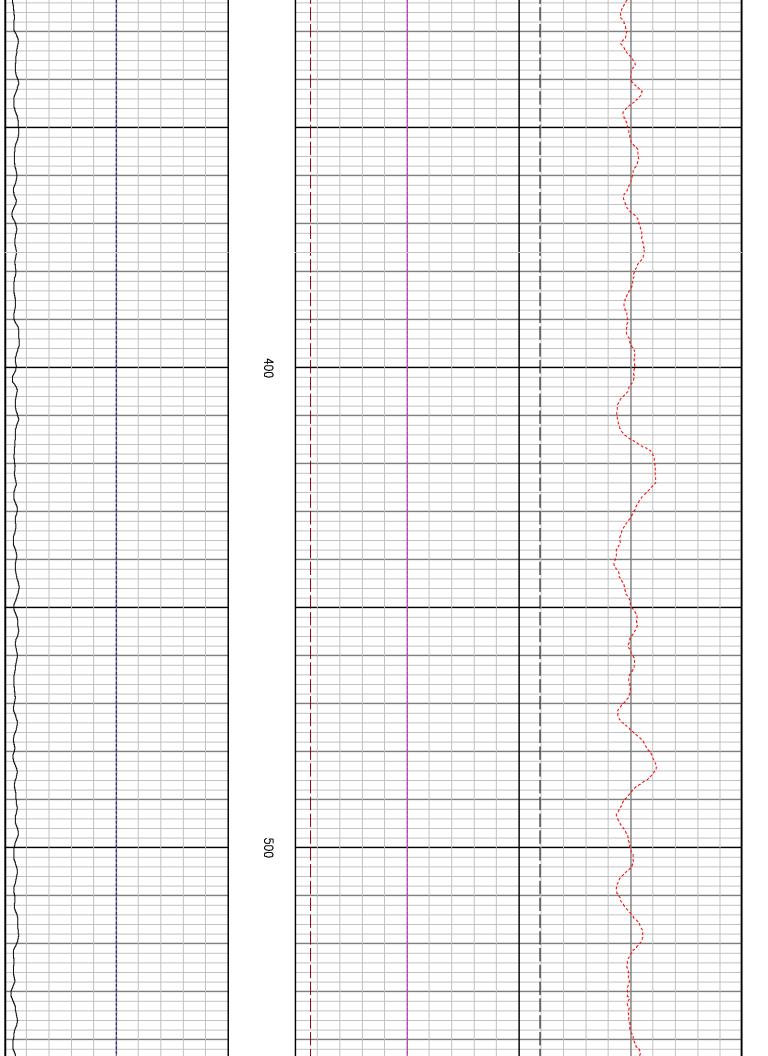
### DEPTH OFFSETS

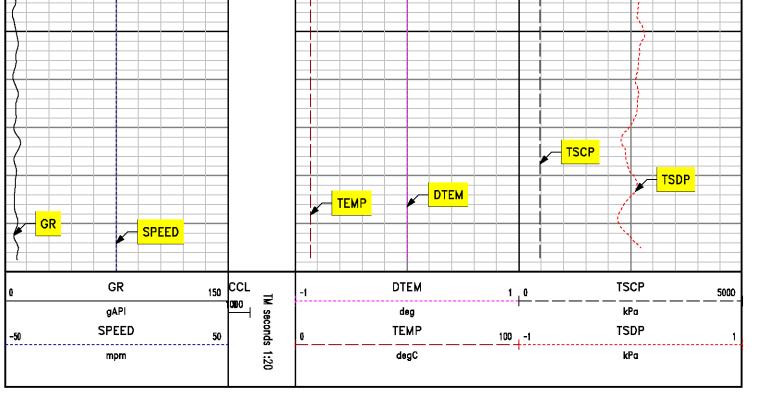
(for Acquired Curves)

SERIES	DEPTH OFFSET	ACQUII	RED CUR	/ES	
8248EA	-2.658	FLTM			
8248EA	-2.048	CCL	CHV		
8262XA	-1.048	GR			
8255XA	-0.241	PTFS	PTMS		
8255XA	-0.236	SPF1	SPFQ	TSCP	TSDP
8255XA	0.000	DTEM	TEMP	TNF	
SYSTEM	0.000	TEN	TTEN		

Created by : SPL, v5.0.0.0         Plotted by : Plottingr, v5.4.504         Company : VULCAN WINERALS INC.         Well : VULCAN INVESTCAN FLAT BAY #1         File Name : D:\WELLDATA\sds\time50.XTF         Mode : Plottingr 5.4.504         Interval : 0 to 600         Created : 10/26/2010 12:22:27 PW         0       GR         gAPI         -50       SPEED         50       50         0       GR         100       Impm         0       Impm							
mpm	ds 1:20	degC	kPa	·'			







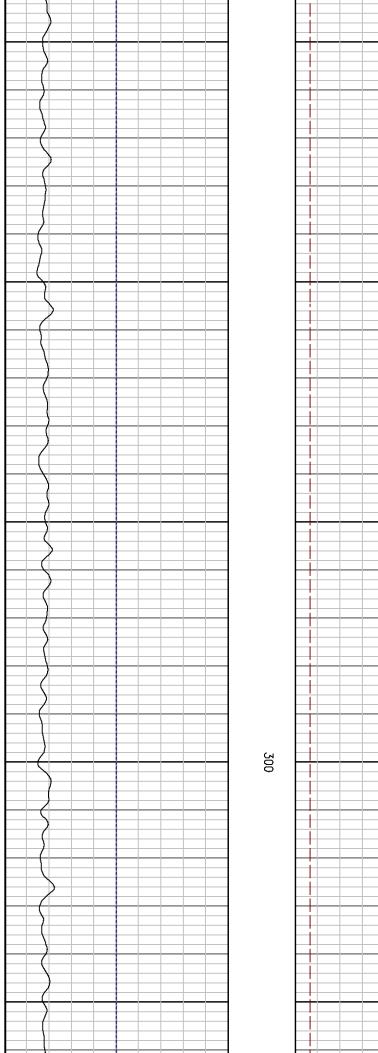
## 10 MIN TIME STATION DEPTH 75 mKB

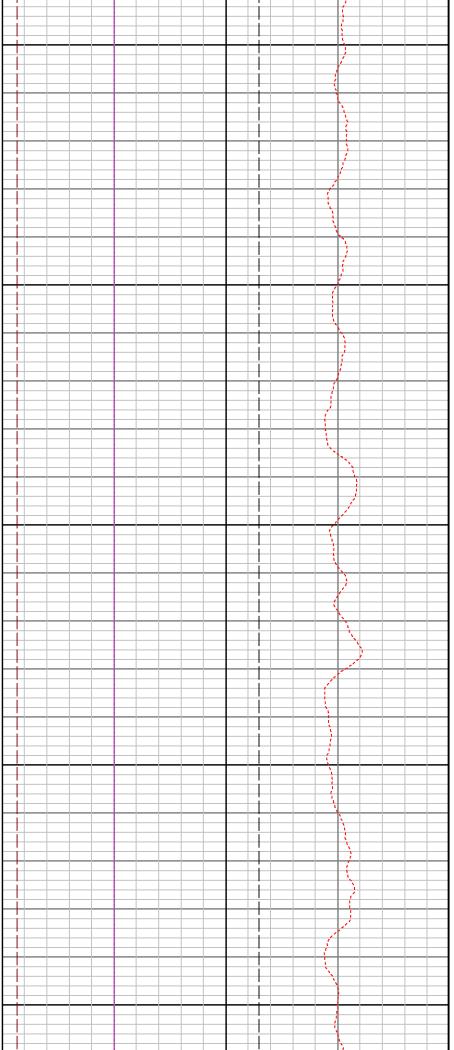
SPL PROCESSING									
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	ТОР	воттом				
TPS Pressure	Temperature Corr. Source	Borehole Temperatur	e degC	0.000	600.500				

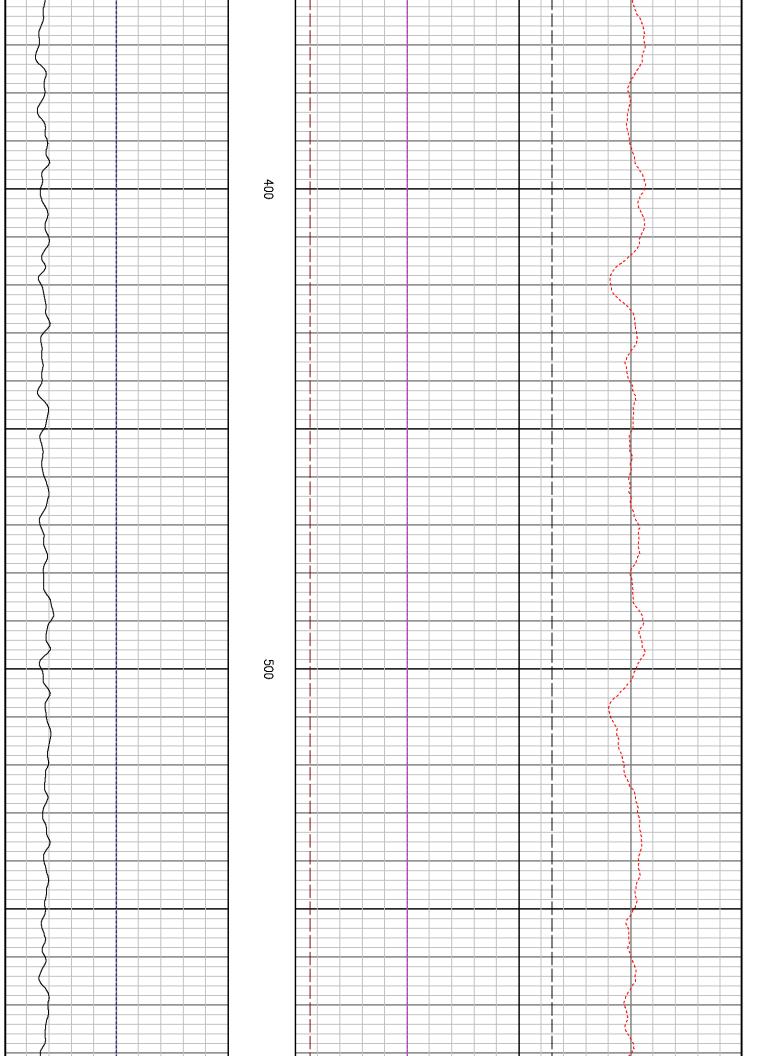
		DEPTH O	FFSETS		
		(for Acquired			
SERIES	DEPTH OFFSET	ACQUI		VES	
8248EA	-2,658	FLTM			
8248EA	-2.048	CCL	CHV		
8262XA	-1.048	GR			
8255XA	-0.241	PTFS	PTMS		
8255XA	-0.236	SPF1	SPFQ	TSCP	TSDP

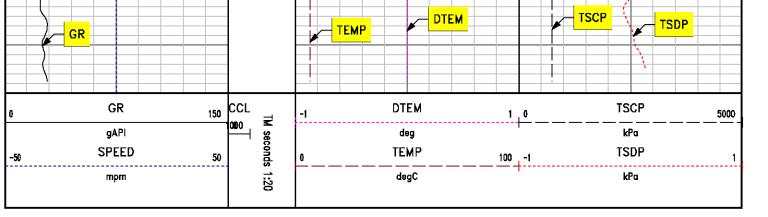
82	255XA	0.000	DTEM	ТЕМР	TNF
Sì	YSTEM	0.000		TTEN	

0 GR gAPi -50 SPEED mpm	Plotted by Company Well File Name Mode Interval Created	7 : SPL, v5.0.0.1 7 : PlotMgr, v5.7 7 : VULCAN MINER 1 : VULCAN INVES 9 : D:\WELLDATA\ 9 : PlotMgr 5.4.3 1 : 0 to 600 1 : 10/26/2010 1 CCL 1000 20 1 : 0 1 : 0	4.504 ALS INC. STCAN FLAT BAY #1 (sds\time75.XTF 504 2:09:03 PM DTEM deg TEMP	<u>1 + 0</u>	TSCP kPa TSDP kPa	50001
	Image    Image    Image    Image      Image    Image      Image    Image			Image: state st		









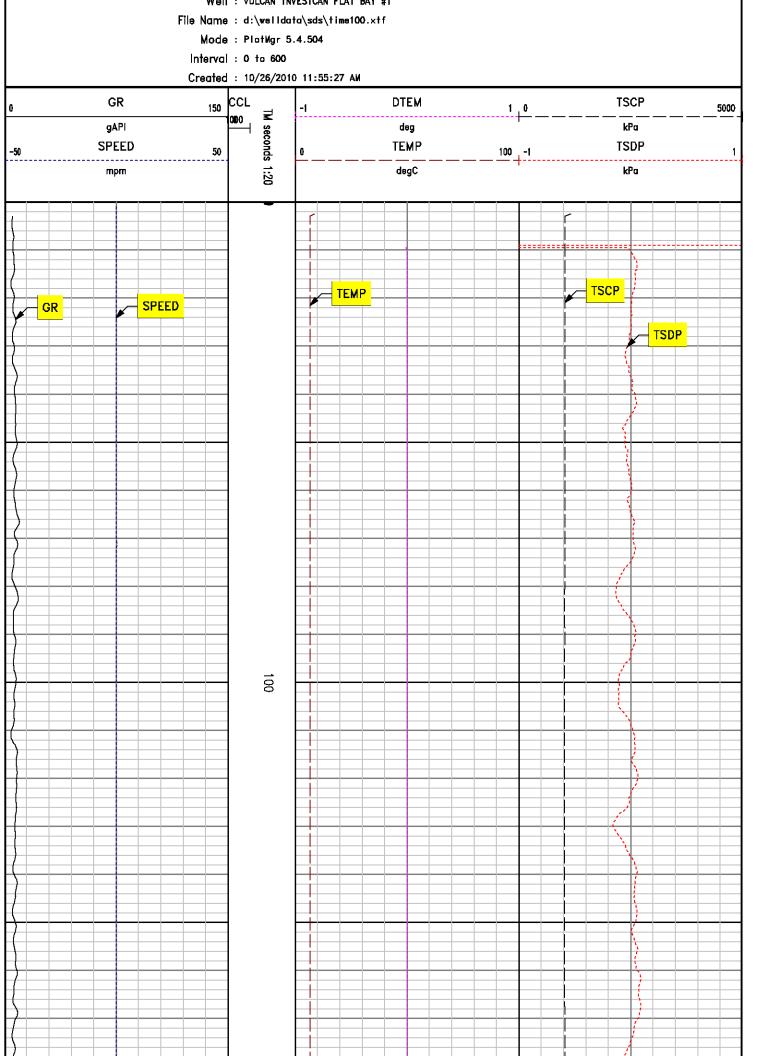
### 10 MIN TIME STATION DEPTH 100 mKB

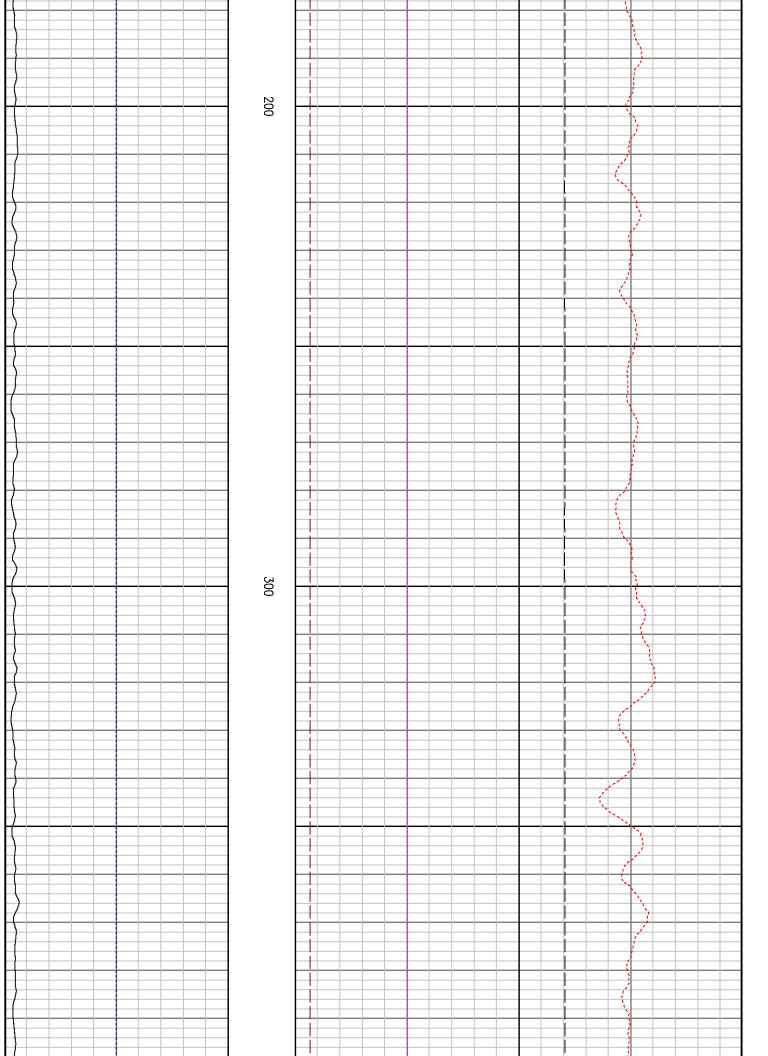
	SPL PR	OCESSING			
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	ТОР	воттом
TPS Pressure	Temperature Corr. Source	Borehole Temper	ature degC	0.000	600.500

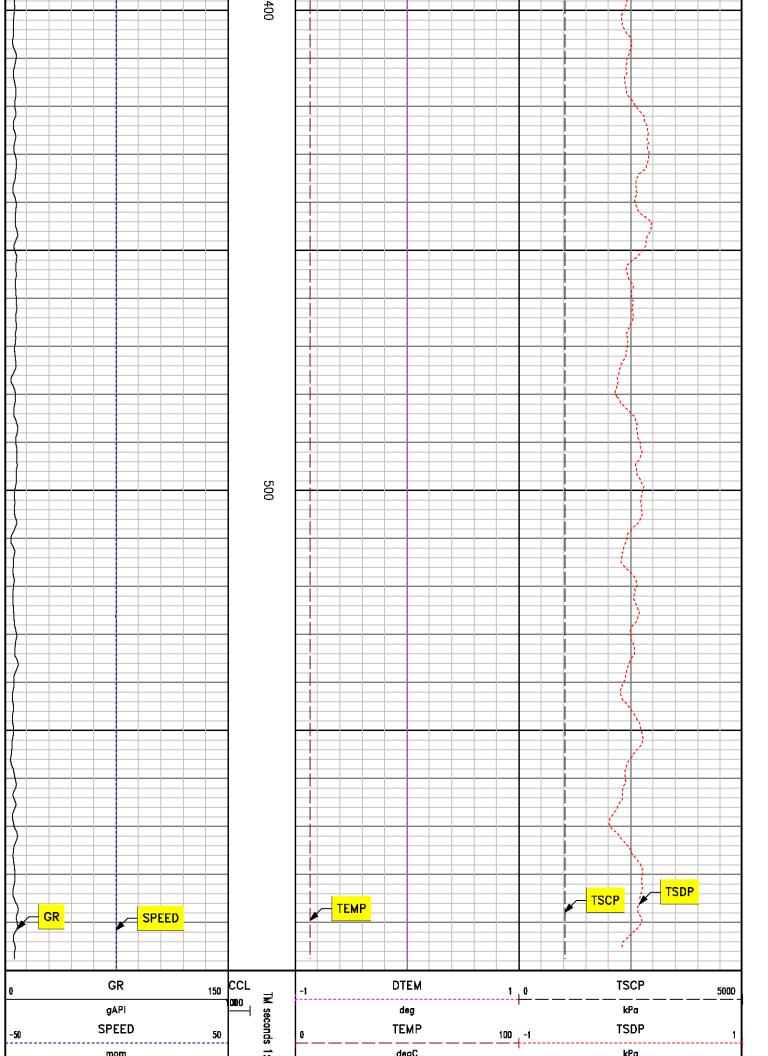
·

		(for Acquired				
SERIES	DEPTH OFFSET	ACQUI	RED CUR	/ES		
8248EA	-2,658	FLTM				
8248EA	-2.048	CCL	CHV			
8262XA	-1.048	GR				
8255XA	-0.241	PTFS	PTMS			
8255XA	-0.236	SPF1	SPFQ	TSCP	TSDP	
8255XA	0.000	DTEM	TEMP	TNF		
SYSTEM	0.000	TEN	TTEN			

Created by : SPL, v5.0.0.0
Plotted by : PlotMgr, v5.4.504
Company : VULCAN MINERALS INC.
WALL VILLOAN INVESTIGAN FLAT DAY 44







 20	3-	

### 10 MIN TIME STATION DEPTH 180 mKB

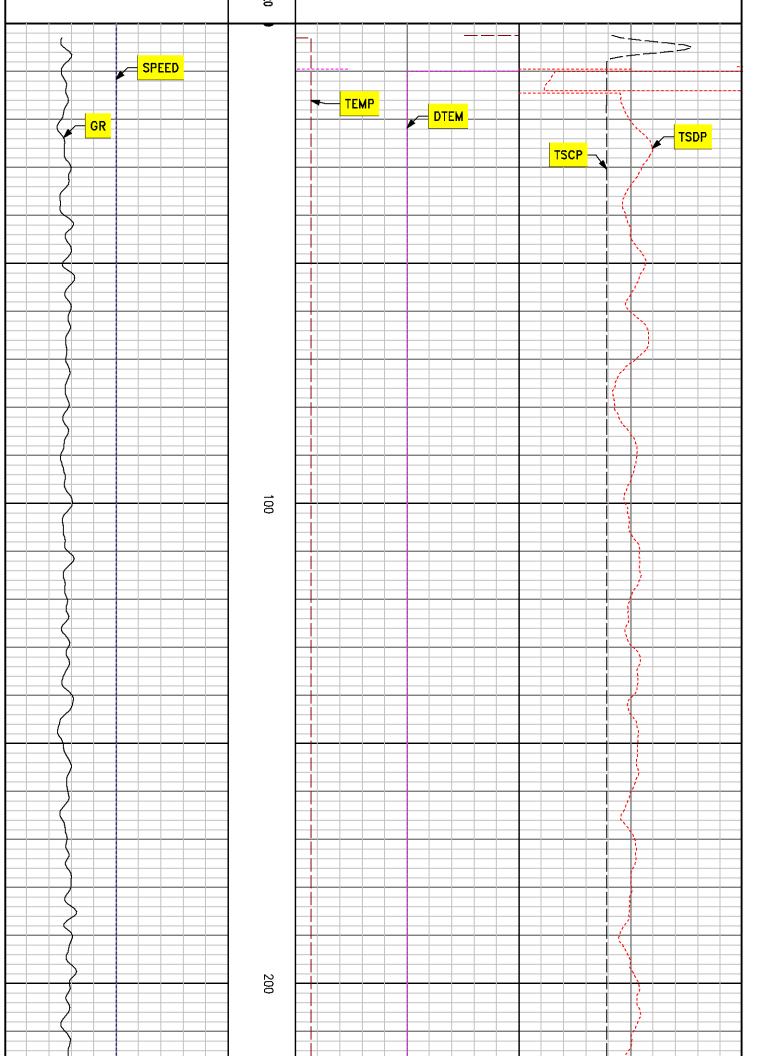
	001 00				
	SPL PR	OCESSING			
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	ТОР	воттом
TPS Pressure	Temperature Corr. Source	Borehole Temperature	e degC	0.000	600.500

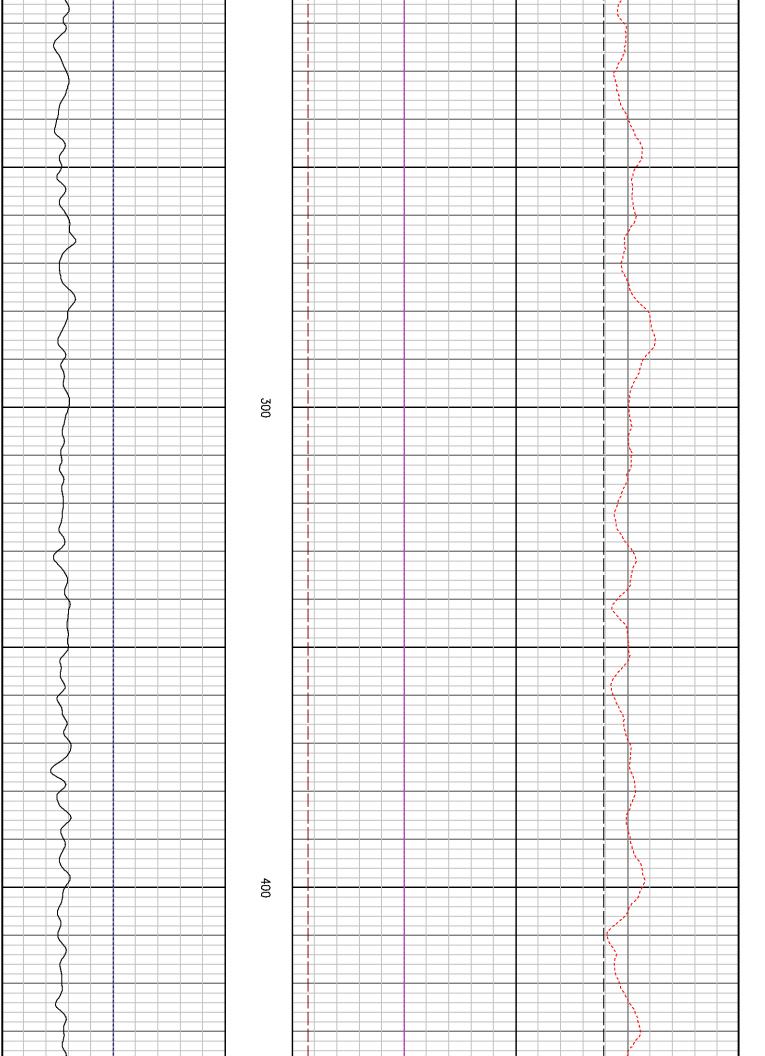
		DEPTH O (for Acquired				
ERIES	DEPTH OFFSET	ACQUI	RED CUR	VES		
3248EA	-2.658	FLTM				
248EA	-2.048	CCL	CHV			
3262XA	-1.048	GR				
255XA	-0.241	PTFS	PTMS			
255XA	-0.236	SPF1	SPFQ	TSCP	TSDP	
255XA	0.000	DTEM	TEMP	TNF		
YSTEM	0.000	TEN	TTEN			
	Created by : SPL, v5.0.0.	0				
	Plotted by : PlotMgr, v5.					
	Company : VULCAN MINER					

Mode : PlotMgr 5.4.504

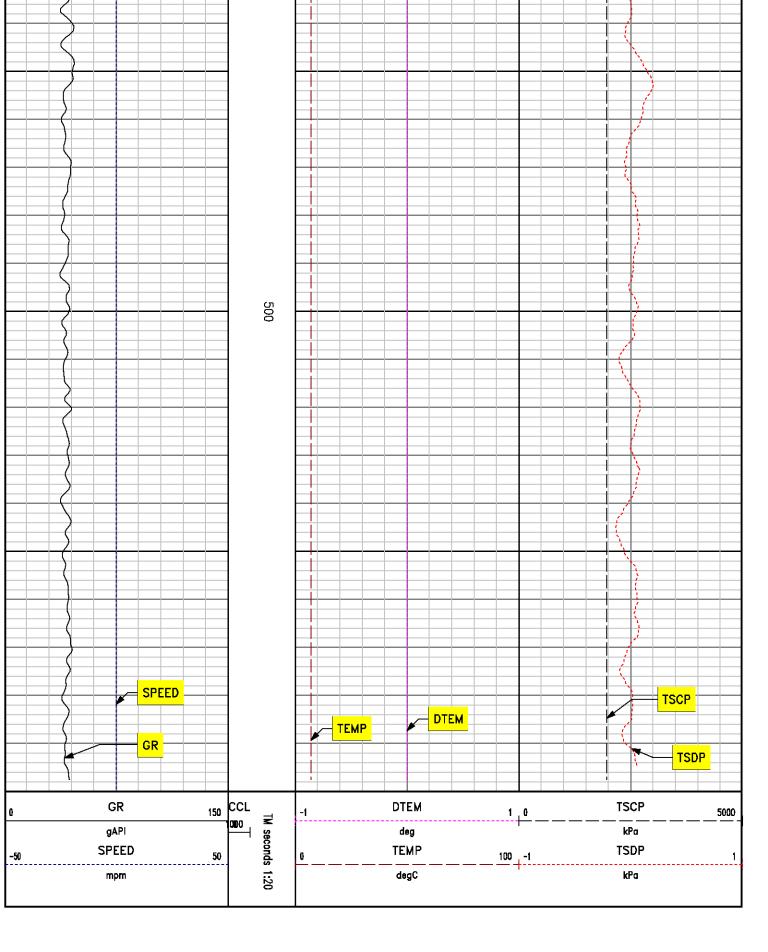
Interval : 0 to 600

Created : 10/26/2010 11:21:57 AM GR CCL DTEM TSCP 150 0 1 0 5000 -1 000 TM seconds 1:2 gAPI deg kPa TSDP SPEED TEMP 100 -1 50 -50 Q 1 degC kPa трт





## CALIBRATION SUMMARY



### TEMPERATURE

Calibration File:	C:\case\calver\TFMP\15	149202.cal						
		CALIBRATION SU	MARY					
DATE/TIME PERFORMED:	OCTOBER 10, 2010	TOOI	SERIES: 8	8255XA	ASSET:	151492	SEQ:	02
T(0)	T(1)	T(2)	T(3)		T( <b>4</b> )		T(5)	
Coefficients -7.889614e		3.579637e-006	· · ·	010 0	1( <del>4</del> / ).000000e+0		00000e-	+000
		0.073007e-000	-0.100/046			001 0.0	000008	-000

# INTERNAL PROBE TEMPERATURE

Callbratio		ase\calver\PTMS\15	149203 <u>-</u> cal						
	•	· · ·							
			CALIBRATIO	N SUMMARY					
DATE/TIME F	PERFORMED:	OCTOBER 10,2010		TOOL SERIES:	8255XA	ASSET:	151492	SEQ:	03
	7(0)	-(4)	7(0)	-/-)		-(4)			
<b>-</b>	T(0)	τ <u>(1)</u>	T(2)	T(3)		T(4)		T(5)	
Coefficients L	-1.492690e+001	1.016866e-001	3.621120e-	<u>006</u> –3.376129€	∍−010	0.00000e-	+000 0.0	00000e	+000

## TEMPERATURE CORRECTED PRESSURE

Calibration File:	C:\case\calver\TSCP\15149	204 <u>-</u> cal			
	CA	LIBRATION SUMMARY			
DATE/TIME PERFORMED:	OCTOBER 10, 2010	TOOL SERIE	S: 8255XA ASS	ET: 151492 SEQ:	04
	G	н	<u> </u>	J	
	0 6.827836e+005	2.977351e+002	1.032922e-004	-5.429939e-011	
	1 7.829190e+000	2.177968e-002	-6.816717e-007	3.493742e-011	
	2 <u>1.875476e-001</u>	-2.427133e-004	5.138925e-009	-2.498494e-013	
	<b>3</b> <u>-1.057857e-003</u>	5.762717e-007	-1.056254e-011	5.125854e-016	
	4 -7.264047e-018	1.877698e-019	-7.637080e-024	3.363343e-028	
Test					

GAMMA RAY

Calibration F	tie: C:\c	ase\calver\GR\10027603.cal				
		CAL I BRA	TION SUMMARY			
DATE/TIME PERF	ORMED:	Sat Jul 10 16:00:23 2010	TOOL SERIES:	8262XA ASS	ET: 100276	SEQ: 03
Calibrator #	Background [cps] 47.58	Calibrator On [cps] 352.18	Multiplicative	Background [api] 28.12	Calibrator On [api] 208.12	Differential [api] 

Verification F	tie: C:\case\calver\GR\10027603.VP				
	PRIMARY	VERIFICATION			
DATE/TIME PERFO	RMED: Sat Jul 10 16:04:10 2010	TOOL SERIES:	8262XA ASSE	T: 100276	SEQ: 03
Calibrator #	BackgroundCalibrator On[cps][cps]47.18351.00	Multiplicative	Background [api] 27.88	Calibrator On [api] 207.42	Differential [api] 179.54

BAKER HUGHES	Company Well Field	VULCAN MINERALS	File No:		
Baker Atlas	Province	NEWFOUNDLAND	Country	CANADA	
	Location			Elevations	
CASE	LICENSE: #96-105			КВ 48.3 m DF	
Gruee	NORTHING: 5360237.9	7 EASTING: 384435.373		GL 47 m	
	SEC	TWP	RGE		



Wellhead configuration after re-entry



Close-up of gauge showing 0 kpa pressure

Vulcan Investcan Flat Bay #1 2010 Re-entry Termination Appendix



Bermed site area with site sign

Vulcan Investcan Flat Bay #1 2010 Re-entry Termination Appendix