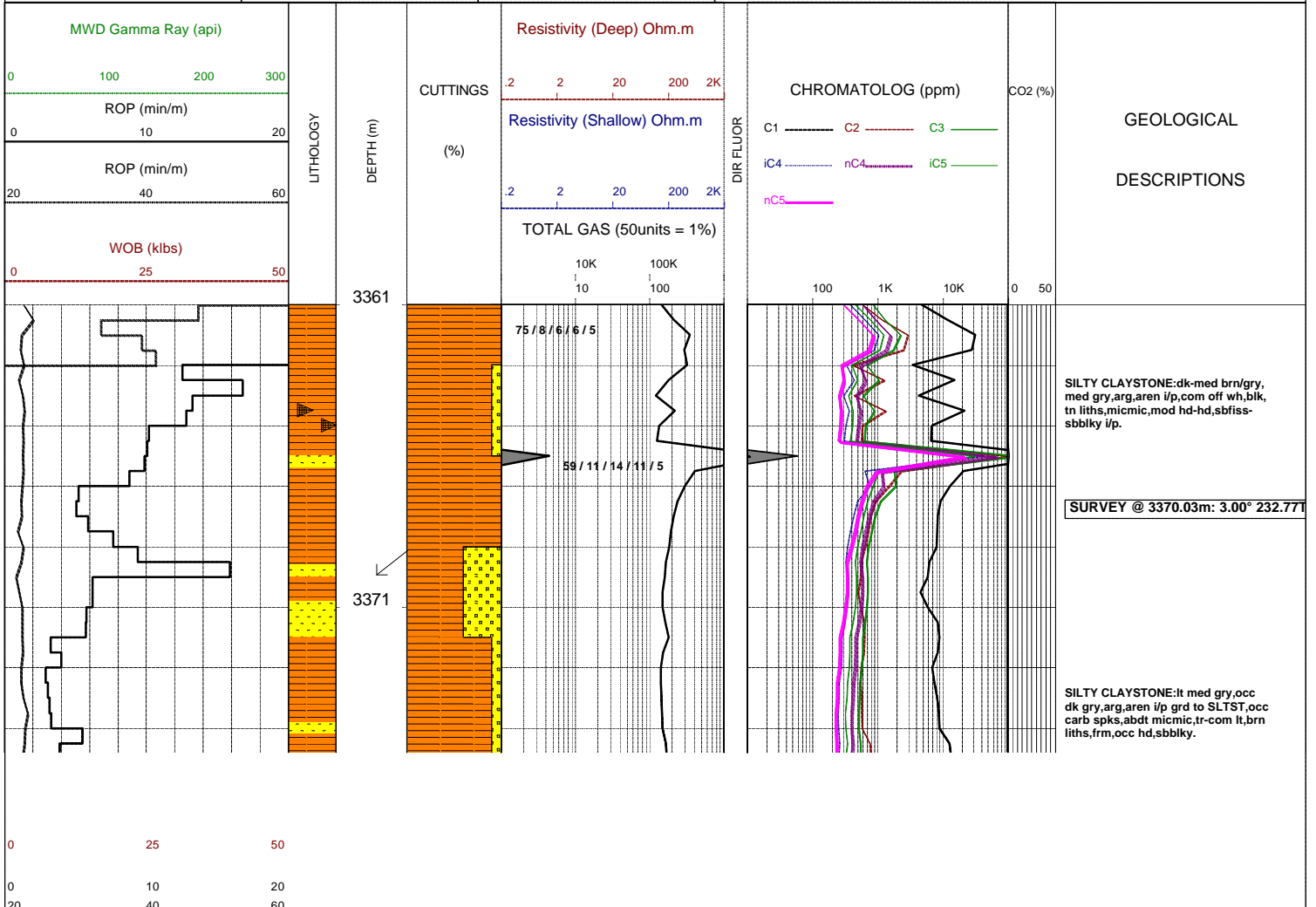
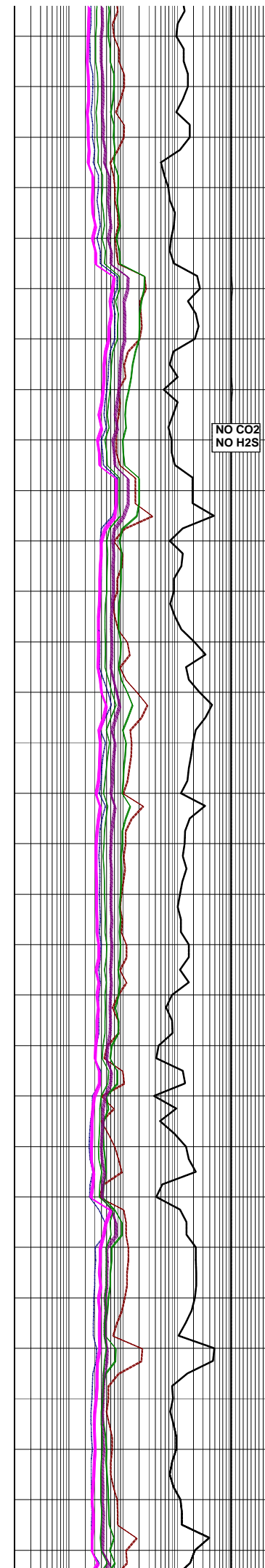
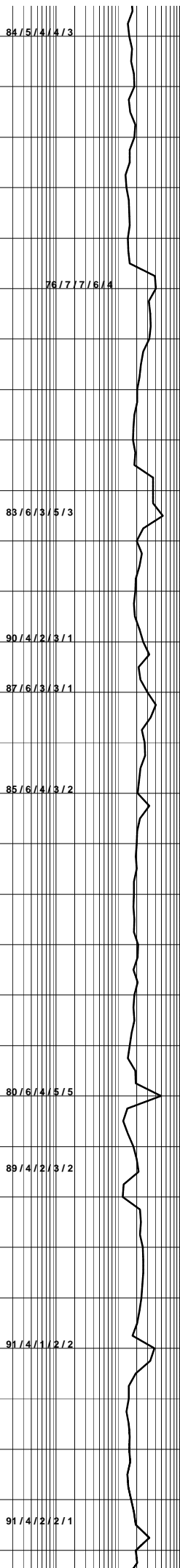
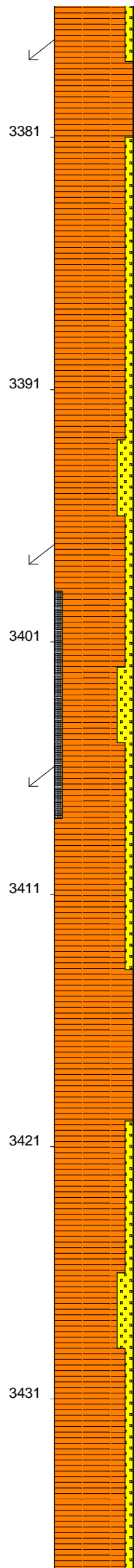
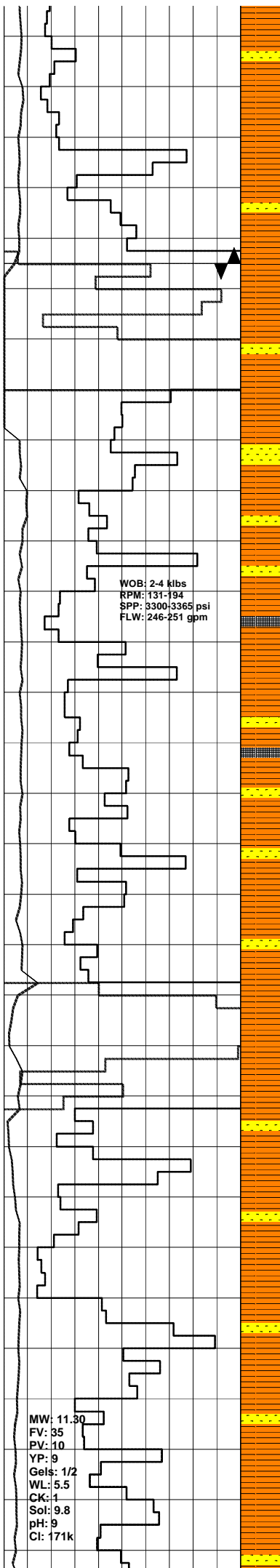


GLENAIRE 1 ST1

Field : aaa	Kelly Bushing : PEP 160	Rig : ENSIGN 32	Open Hole:	Cased Hole:	Loggers : J.SUTTON
Block: bbb	Ground Level : STATUS	Spud Date : 08/09/2006	17.5" (12.25") 307m	13.375" (9.625") 303.5m	N.LUIS
State : VICTORIA	GRS80 Ellipsoid MGA94 Zone54 :	TD Date : XX/XX/2006	12.25" (8.5") 1255m	9.625" (7.0") 1252m	J.TRETHEWEY
Country : AUSTRALIA	Lat. : 37°34'47.03S	Total Depth : jjj	8.5" 3006m	7.0" 2999m	bbb
Scale : 1/ 200	Long. : 140°59'52.25E	Final Status : kkk	6.0" eee	hhhh iii	ccc

LITHOLOGY	ACCESSORIES	DRILLING DATA	ABBREVIATIONS																																				
<ul style="list-style-type: none"> Conglomerate Coarse Sandstone Med Sandstone Calcareous Sst Silty Sandstone Siltstone Carb. Siltstone Calc. Siltstone Clay Limestone Dolomite Coal Anhydrite Gypsum Igneous Volcanic Metamorphic Cement 	<ul style="list-style-type: none"> Pyrite Siderite Glauconite Feldspar Mica Ferrous Chert Calcareous Dolomitic Carbonaceous Lithoclast Breccia Foraminifera Corals Inoceramus Bryozoa Plant remains Fossils 	<ul style="list-style-type: none"> Casing Shoe Bit Trip Wiper Trip Core DST Deviation Survey <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p style="text-align: center; margin: 0;">MUD DATA</p> <p>MW - Mud Weight (lb/gal)</p> <p>FV - Funnel Viscosity (s/qt)</p> <p>PV - Plastic Viscosity (cps)</p> <p>YP - Yield Point (lb/100ftsq)</p> <p>Gel - Gel Strength (10sec)</p> <p>WL - Water Loss (cc/30min)</p> <p>pH - Acidity / Alkalinity</p> <p>Ck - Cake (32nd/inch)</p> <p>O/W/S - Oil / Water / Solids</p> <p>Cl - Chlorides (mg/L)</p> <p>K+ - Potassium (mg/L)</p> <p>Rmf - Res. Mud Filtrate (ohmm)</p> </div>	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">BOPD - Barrels of Oil Per Day</td> <td style="width: 50%;">OG - Over Gauge</td> </tr> <tr> <td>BWPD - Barrels of Water Per Day</td> <td>OH - Open Hole</td> </tr> <tr> <td>CG - Connection Gas</td> <td>OTS - Oil To Surface</td> </tr> <tr> <td>CO - Circulate Out</td> <td>Q - Flow Rate</td> </tr> <tr> <td>COND - Condensate</td> <td>REC - Recovery</td> </tr> <tr> <td>c/c - Crush Cut</td> <td>FLUOR - Fluorescence</td> </tr> <tr> <td>DST - Drill Stem Test</td> <td>ROP - Rate Of Penetration</td> </tr> <tr> <td>FLOW - Flow Rate (gal/min)</td> <td>RPM - Revolutions Per Minute</td> </tr> <tr> <td>GCM - Gas Cut Mud</td> <td>RTSTM - Rate Too Small To Measure</td> </tr> <tr> <td>GCW - Gas Cut Water</td> <td>Rw - Resistivity water</td> </tr> <tr> <td>GTS - Gas To Surface</td> <td>r/r - Ring Residue</td> </tr> <tr> <td>INJ - Injection of Mist (bbls/hr)</td> <td>SCFM - Standard Cubic Ft/Min (air)</td> </tr> <tr> <td>LCM - Lost Circulation Material</td> <td>SGCM - Slightly Gas Cut Mud</td> </tr> <tr> <td>MMCFD - Million Cubic Feet / Day</td> <td>SPM - Strokes Per Minute</td> </tr> <tr> <td>NGTS - No Gas To Surface</td> <td>SPP - Stand Pipe Pressure</td> </tr> <tr> <td>NOTS - No Oil To Surface</td> <td>SWC - Side-Wall Core</td> </tr> <tr> <td>NFTS - No Flow To Surface</td> <td>TG - Trip Gas</td> </tr> <tr> <td>OCM - Oil Cut Mud</td> <td>WOB - Weight On Bit</td> </tr> </table>	BOPD - Barrels of Oil Per Day	OG - Over Gauge	BWPD - Barrels of Water Per Day	OH - Open Hole	CG - Connection Gas	OTS - Oil To Surface	CO - Circulate Out	Q - Flow Rate	COND - Condensate	REC - Recovery	c/c - Crush Cut	FLUOR - Fluorescence	DST - Drill Stem Test	ROP - Rate Of Penetration	FLOW - Flow Rate (gal/min)	RPM - Revolutions Per Minute	GCM - Gas Cut Mud	RTSTM - Rate Too Small To Measure	GCW - Gas Cut Water	Rw - Resistivity water	GTS - Gas To Surface	r/r - Ring Residue	INJ - Injection of Mist (bbls/hr)	SCFM - Standard Cubic Ft/Min (air)	LCM - Lost Circulation Material	SGCM - Slightly Gas Cut Mud	MMCFD - Million Cubic Feet / Day	SPM - Strokes Per Minute	NGTS - No Gas To Surface	SPP - Stand Pipe Pressure	NOTS - No Oil To Surface	SWC - Side-Wall Core	NFTS - No Flow To Surface	TG - Trip Gas	OCM - Oil Cut Mud	WOB - Weight On Bit
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SURVEY @ 3378.51m: 2.48° 244.84T

14 STANDS WIPER TRIP @3386m TO SHOE @2998m

SILTY CLAYSTONE:lt med gry,occ dk gry,arg,aren i/p grd to SLTST,occ carb spks,abdt micmic,tr-com lt,brn liths,frm,occ hd,sbbkly.

NO CO2
NO H2S

SLIDING FROM 3386m TO 3392m

SURVEY @ 3398.34m: 3.21° 204.46T

COAL:blk,dk brn i/p,vit,occ sbvit,arg, striat,sft,brit i/p,sbfiss,occ,unevnr.

SURVEY @ 3407.21m: 2.92° 211.58T

SLIDING FROM 3414m TO 3419m

SANDSTONE:lt gry,occ off wh,vf-f, mod srt,sbang,sbrnd i/p,mod arg cmt, wh-off wh sil cmt,mod-wk calc cmt tr carb spks,tr lt brn,liths,mod hd,no vis por,pr inf por,no flour.

SILTY CLAYSTONE:med-dk gry,arg, com,micmic,tr carb spks,tr lt brn liths fm-mod hd i/p,sbbkly,sbfiss i/p

84/5/4/4/3

76/7/7/6/4

83/6/3/5/3

90/4/2/3/1

87/6/3/3/1

85/6/4/3/2

80/6/4/5/5

89/4/2/3/2

91/4/1/2/2

91/4/2/2/1

