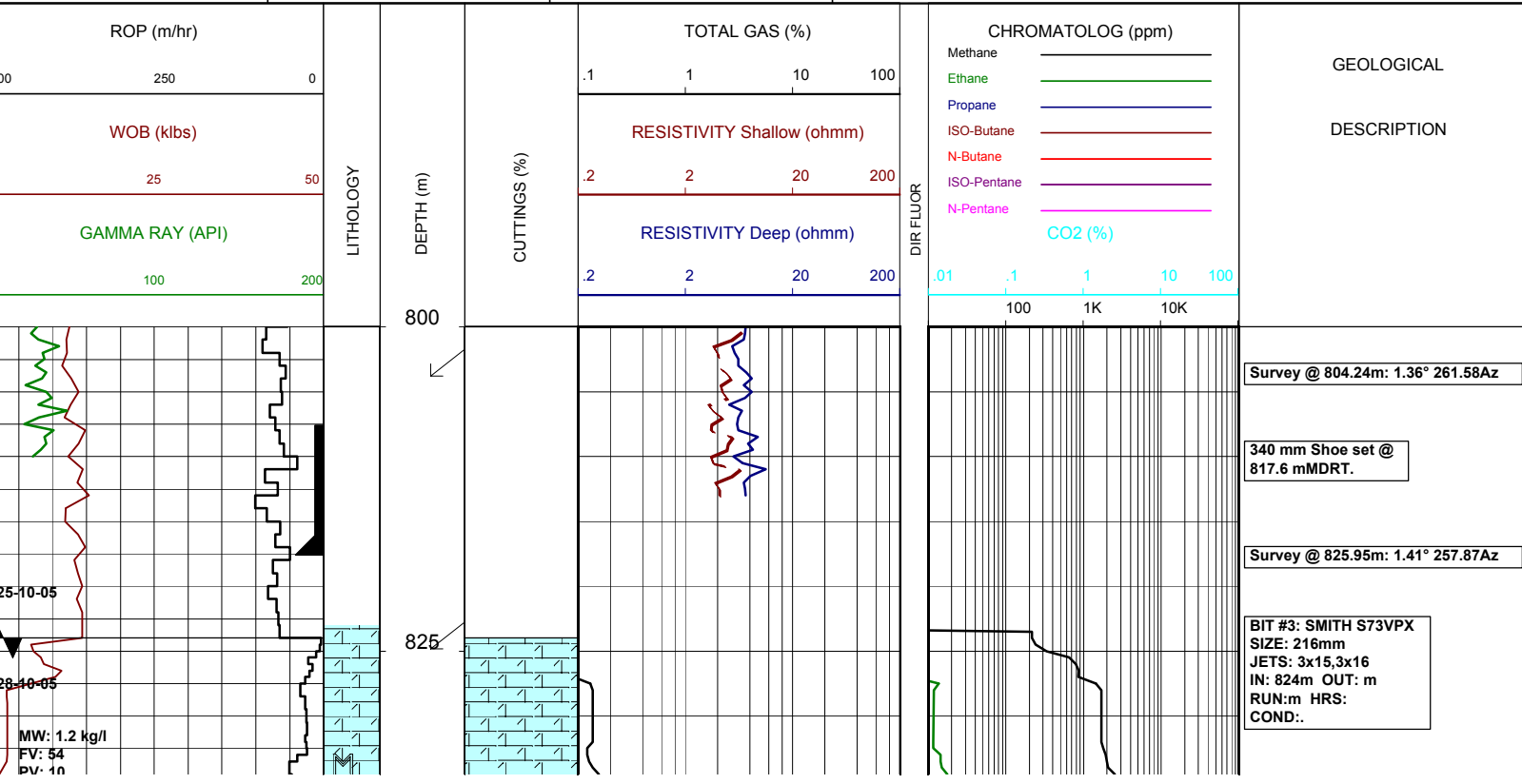
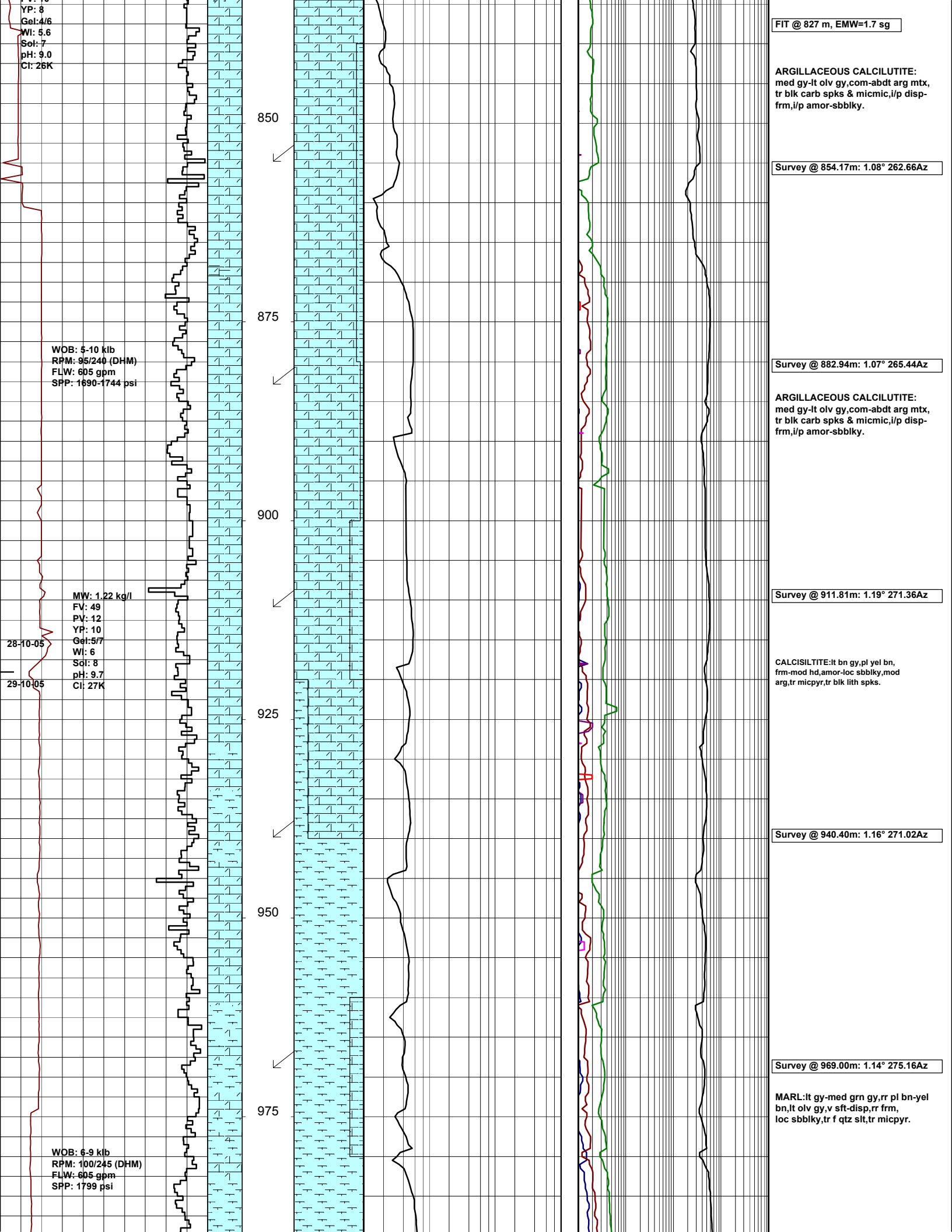


Field : SUNFISH	AHD - RT (m) : 21.5	Rig : OCEAN PATRIOT	Open Hole:	Cased Hole:	Engineers :D.ADDERLEY
Permit: VIC/P-54	Seabed - AHD (m) : 58.6	Spud date : 24-10-05	914 mm 111.69 m	762 mm 78.1 m	P.McGILVERAY
State : VICTORIA	Seabed - RT (m) : 80.1	TD date :	406 mm 824.0 m	340 mm 817.6 m	A.DUNN
Country : AUSTRALIA	Lat. : 38 07 47.91 S	Total depth :	216 mm		
Scale : 1/ 500	Long. : 148 09 08.44E	Final status :			

LITHOLOGY	ACCESSORIES	DRILLING DATA	ABBREVIATIONS																																				
<ul style="list-style-type: none"> Conglomerate Coarse Sandstone Med Sandstone Fine Sandstone VF Sandstone Claystone Carb. Siltstone Calc. Siltstone Siltstone Limestone Dolomite Coal Calclutite Calcsiltite Calcarenite 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 	<p>ABBREVIATIONS</p> <table border="0"> <tr> <td>BOPD - Barrels of Oil Per Day</td> <td>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>Rmf - Resistivity mud filtrate</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>NR - No Returns</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	Rmf - Resistivity mud filtrate	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	NR - No Returns	TG - Trip Gas	OCM - Oil Cut Mud	WOB - Weight On Bit
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		<p>MUD DATA</p> <ul style="list-style-type: none"> MW - Mud Weight (lb/gal) FV - Funnel Viscosity (s/qt) PV - Plastic Viscosity (cps) YP - Yield Point (lb/100ftsq) Gel - Gel Strength (10sec) WL - Water Loss (cc/30min) pH - Acidity / Alkalinity Ck - Cake (32nd/inch) Sol - Solids (% vol) Cl - Chlorides (mg/l) 																																					





FIT @ 827 m, EMW=1.7 sg

ARGILLACEOUS CALCILUTITE:
med gy-it olv gy.com-abdt arg mtx,
tr blk carb spks & micmic,i/p disp
frm,i/p amor-sbbkly.

Survey @ 854.17m: 1.08° 262.66Az

Survey @ 882.94m: 1.07° 265.44Az

ARGILLACEOUS CALCILUTITE:
med gy-it olv gy.com-abdt arg mtx,
tr blk carb spks & micmic,i/p disp
frm,i/p amor-sbbkly.

Survey @ 911.81m: 1.19° 271.36Az

CALCISILTITE:it bn gy,pl yel bn,
frm-mod hd,amor-loc sbbkly,mod
arg,tr micpyr,tr blk lith spks.

Survey @ 940.40m: 1.16° 271.02Az

Survey @ 969.00m: 1.14° 275.16Az

MARL:it gy-med grn gy,rr pl bn-yel
bn,it olv gy,v sft-disp,rr frm,
loc sbbkly,tr f qtz slt,tr micpyr.

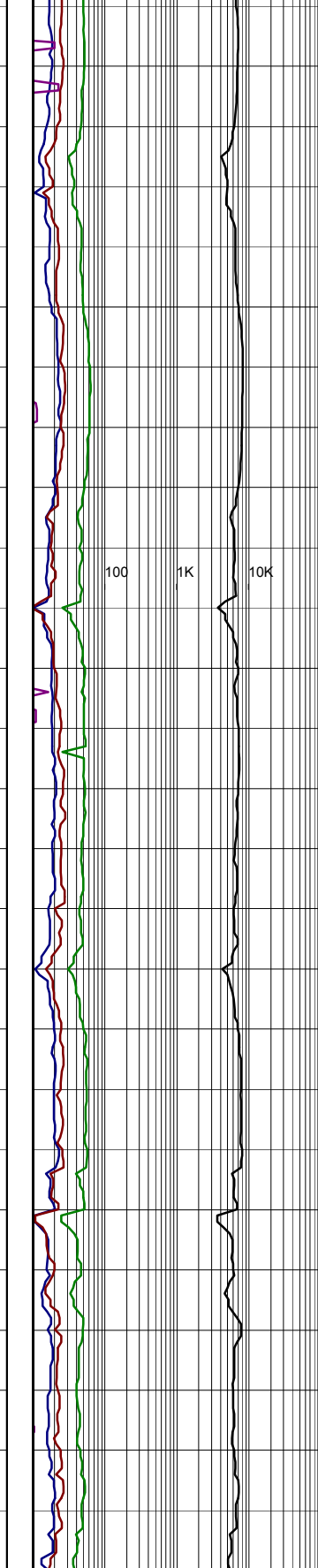
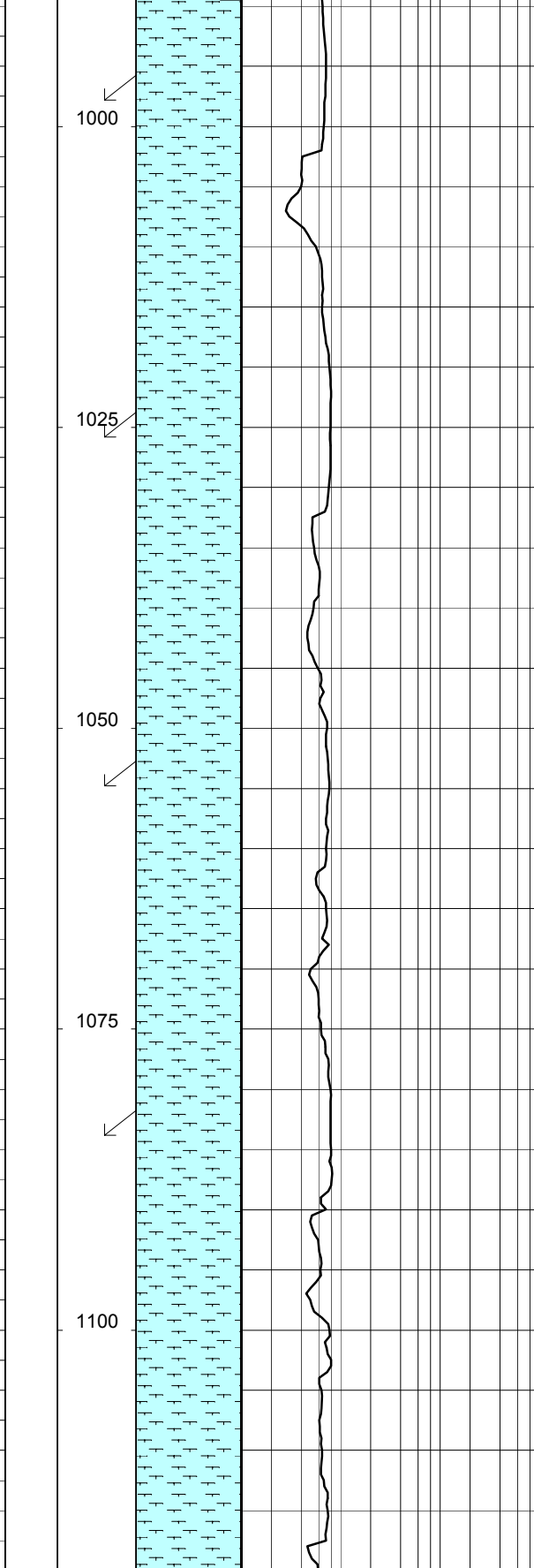
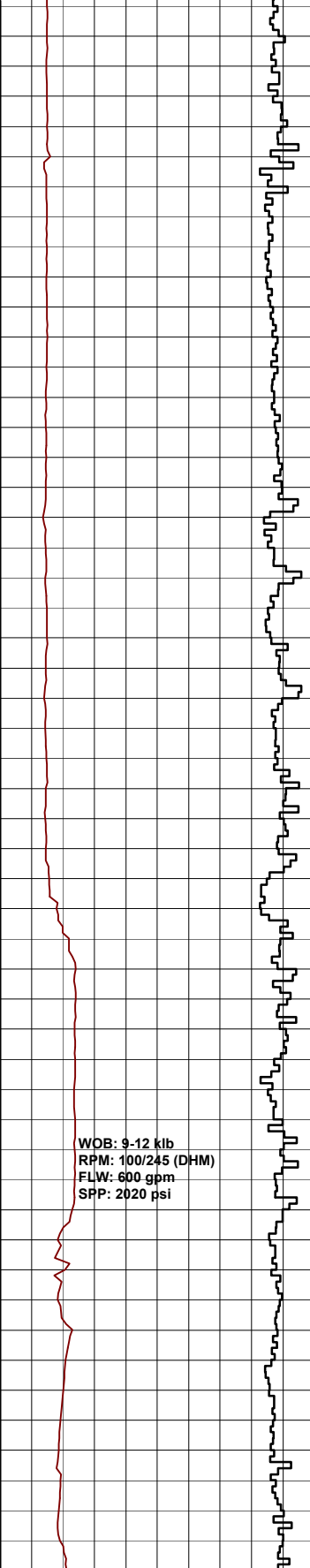
YP: 8
Gel:4/6
WI: 5.6
Sol: 7
pH: 9.0
CI: 26K

WOB: 5-10 klb
RPM: 95/240 (DHM)
FLW: 605 gpm
SPP: 1690-1744 psi

MW: 1.22 kg/l
FV: 49
PV: 12
YP: 10
Gel:5/7
WI: 6
Sol: 8
pH: 9.7
CI: 27K

28-10-05
29-10-05

WOB: 6-9 klb
RPM: 100/245 (DHM)
FLW: 605 gpm
SPP: 1799 psi



Survey @ 997.65m: 1.07° 274.19Az

CALCISILTITE:lt bn gy,pl yel bn, frm-mod hd,amor-loc sbbiky,mod arg,tr micpyr,tr blk lith spks, g/t arg CALCILUT i/p.

Survey @ 1026.35m: 1.05° 269.72Az

MARL:lt gy-med grn gy,rr pl bn-yel bn,lt olv gy,v sft-disp,rr frm, loc sbbiky,tr f qtz slit,tr micpyr.

Survey @ 1054.97m: 0.93° 273.03Az

CALCISILTITE:lt bn gy,pl yel bn, frm-mod hd,amor-loc sbbiky,mod arg,tr micpyr,tr blk lith spks, g/t arg CALCILUT i/p.

Survey @ 1083.56m: 0.88° 279.71Az

WOB: 9-12 klb
RPM: 100/245 (DHM)
FLW: 600 gpm
SPP: 2020 psi

1000
1025
1050
1075
1100

100 1K 10K

