

Field :MSL - RT (m) :Rig : ENSIGN 32Open Hole:Cased Hole:Engineers :DAVID ADDERLEY

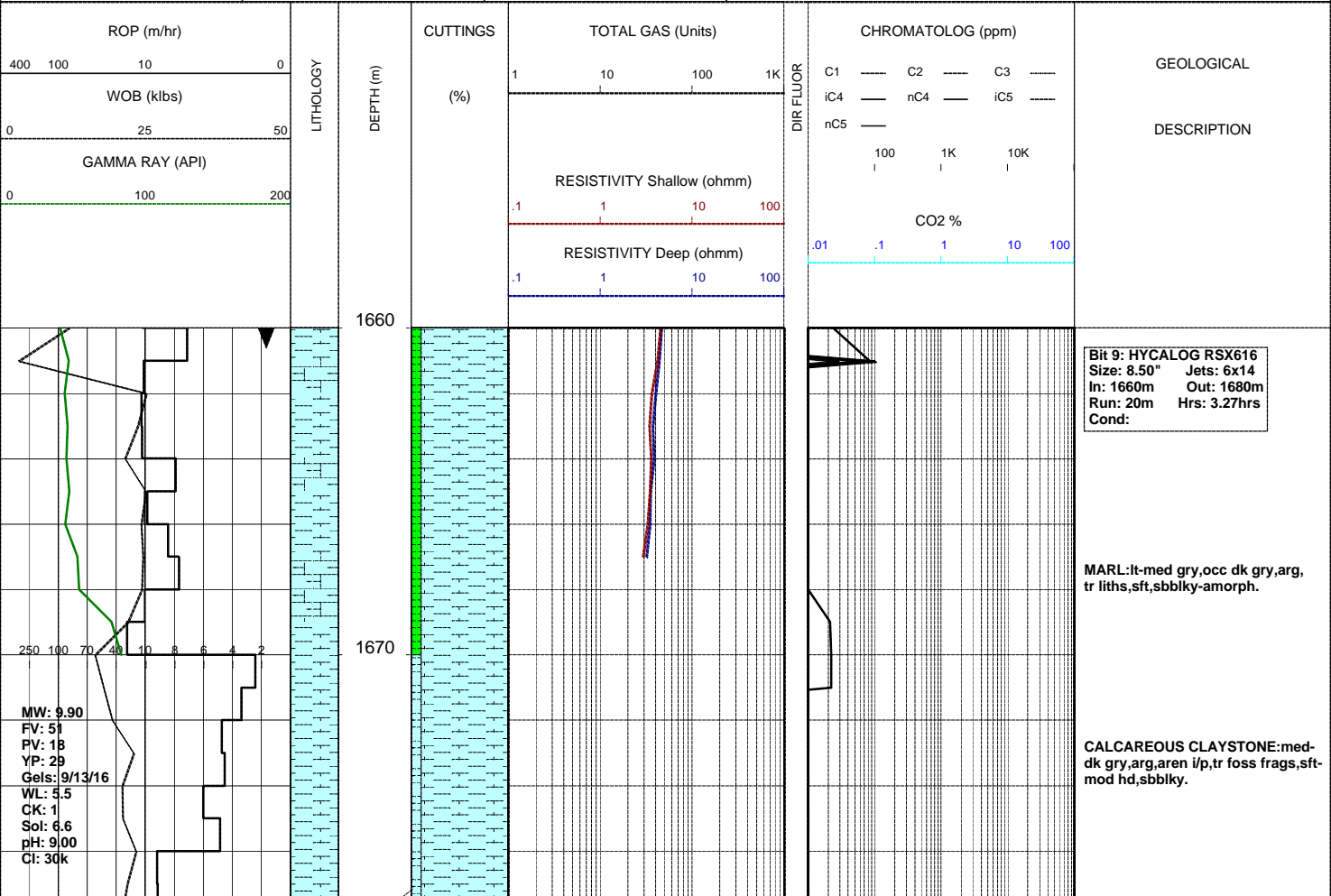
Permit: VIC P39VSeabed - MSL (m) :Spud date :WEI YUAN

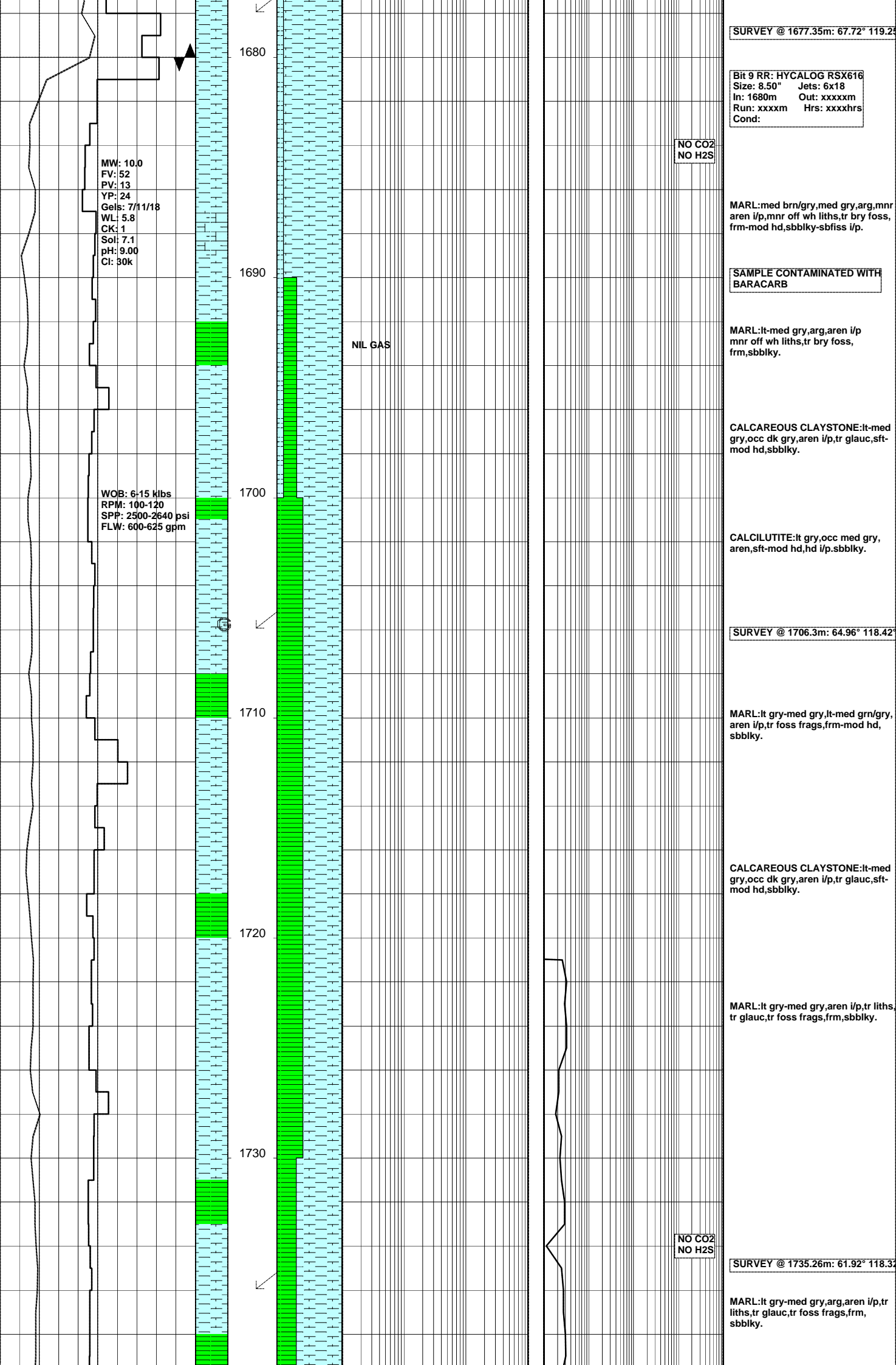
State : VICTORIASEabed - RT (m) :TD date :JAKE TRETHERWELL

Country : AUSTRALIALat :Total depth :JOANNE SUTTON

Scale : 1/ 200Long :Final status :

LITHOLOGY	ACCESSORIES	DRILLING DATA	ABBREVIATIONS
<div><div>Conglomerate</div><div>Coarse Sandstone</div><div>Med Sandstone</div><div>Fine Sandstone</div><div>VF Sandstone</div><div>Siltstone</div><div>Carb. Siltstone</div><div>Calc. Siltstone</div><div>Clay</div><div>Limestone</div><div>Dolomite</div><div>Coal</div><div>Anhydrite</div><div>Gypsum</div><div>Igneous</div><div>Volcanic</div><div>Metamorphic</div><div>Cement</div></div>	<div><div>Pyrite</div><div>Siderite</div><div>Glauconite</div><div>Feldspar</div><div>Mica</div><div>Ferrous</div><div>Chert</div><div>Calcareous</div><div>Dolomitic</div><div>Carbonaceous</div><div>Lithoclast</div><div>Breccia</div><div>Foraminifera</div><div>Corals</div><div>Inoceramus</div><div>Bryozoa</div><div>Plant remains</div><div>Fossils</div></div>	<div><div>Casing Shoe</div><div>Bit Trip</div><div>Wiper Trip</div><div>Core</div><div>DST</div><div>Deviation Survey</div></div> <div><div>MUD DATA</div><div>MW - Mud Weight (lb/gal)</div><div>FV - Funnel Viscosity (s/qt)</div><div>PV - Plastic Viscosity (cps)</div><div>YP - Yield Point (lb/100ftsq)</div><div>Gel - Gel Strength (10sec)</div><div>WL - Water Loss (cc/30min)</div><div>pH - Acidity / Alkalinity</div><div>Ck - Cake (32nd/inch)</div><div>Sol - Solids (% vol)</div><div>Cl - Chlorides (mg/l)</div></div>	<div><div>BOPD - Barrels of Oil Per Day</div><div>BWPD - Barrels of Water Per Day</div><div>CG - Connection Gas</div><div>CO - Circulate Out</div><div>COND - Condensate</div><div>c/c - Crush Cut</div><div>DST - Drill Stem Test</div><div>FLOW - Flow Rate (gal/min)</div><div>GCM - Gas Cut Mud</div><div>GCW - Gas Cut Water</div><div>GTS - Gas To Surface</div><div>INJ - Injection of Mist (bbls/hr)</div><div>LCM - Lost Circulation Material</div><div>MMCFD- Million Cubic Feet / Day</div><div>NGTS - No Gas To Surface</div><div>NOTS - No Oil To Surface</div><div>NR - No Returns</div><div>OCM - Oil Cut Mud</div><div>OG - Over Gauge</div><div>OH - Open Hole</div><div>OTS - Oil To Surface</div><div>Q - Flow Rate</div><div>REC - Recovery</div><div>Rmf - Resistivity mud filtrate</div><div>ROP - Rate Of Penetration</div><div>RPM - Revolutions Per Minute</div><div>RTSTM - Rate Too Small To Measure</div><div>Rw - Resistivity water</div><div>r/r - ring residue</div><div>SCFM - Standard Cubic Ft/Min (air)</div><div>SGCM - Slightly Gas Cut Mud</div><div>SPM - Strokes Per Minute</div><div>SPP - Stand Pipe Pressure</div><div>SWC - Side-Wall Core</div><div>TG - Trip Gas</div><div>WOB - Weight On Bit</div></div>





SURVEY @ 1677.35m: 67.72° 119.25°

Bit 9 RR: HYCLOG RSX616
Size: 8.50" Jets: 6x18
In: 1680m Out: xxxxxm
Run: xxxxm Hrs: xxxxhrs
Cond:

NO CO2
NO H2S

MW: 10.0
FV: 52
PV: 13
YP: 24
Gels: 7/11/18
WL: 5.8
CK: 1
Sol: 7.1
pH: 9.00
Cl: 30k

WOB: 6-15 klbs
RPM: 100-120
SPP: 2500-2640 psi
FLW: 600-625 gpm

NIL GAS

MARL: med brn/gry, med gry, arg, mnr aren i/p, mnr off wh liths, tr bry foss, frm-mod hd, sbblky-sbflss i/p.

SAMPLE CONTAMINATED WITH BARACARB

MARL: lt-med gry, arg, aren i/p mnr off wh liths, tr bry foss, frm, sbblky.

CALCAREOUS CLAYSTONE: lt-med gry, occ dk gry, aren i/p, tr glauc, sft-mod hd, sbblky.

CALCILUTITE: lt gry, occ med gry, aren, sft-mod hd, hd i/p, sbblky.

SURVEY @ 1706.3m: 64.96° 118.42°

MARL: lt gry-med gry, lt-med grn/gry, aren i/p, tr foss frags, frm-mod hd, sbblky.

CALCAREOUS CLAYSTONE: lt-med gry, occ dk gry, aren i/p, tr glauc, sft-mod hd, sbblky.

MARL: lt gry-med gry, aren i/p, tr liths, tr glauc, tr foss frags, frm, sbblky.

NO CO2
NO H2S

SURVEY @ 1735.26m: 61.92° 118.33°

MARL: lt gry-med gry, arg, aren i/p, tr liths, tr glauc, tr foss frags, frm, sbblky.

