



FORMATION EVALUATION LOG



WELL : MACLEAN 1

FROM (m): 50 TO (m): 370 SCALE: 1/ 500

Country : AUSTRALIA Region : VICTORIA Field : GIPPSLAND BASIN Permit : VIC/P-47 Well Type : VERTICAL EXPLORATION Rig Name : OCEAN PATRIOT	POSITION Latitude : 38°02'46.32"S Longitude : 148°32'52.92"E X (m) : 620,701.1 mE Y (m) : 5,798,512.1 mN RT-MSL (m) : 21.5 RT-Seabed (m) : 78.5	CASING 508mm Shoe at (mMDRT) : 110.9 340mm Shoe at (mMDRT) : XXXm	Spud Date : 16-10-2005 Total Depth Date : XX-10-2005 Total Depth (mRT) : XXXm T.V.D. (mSS MSL) : XXXXXm Status : STATUS
--	--	--	--

ABBREVIATIONS MW MUD WEIGHT FV FUNNEL VISCOSITY PV PLASTIC VISCOSITY YP YIELD POINT FC FILTER CAKE SOL SOLIDS WL FILTRATE SD SAND - % S SALINITY - PPM RM MUD RESISTIVITY RMF MUD FILTRATE C CARBIDE TEST LAT LOGGED AFTER TRIP DS DEVIATION SURVEY NB NEW BIT RR RERUN BIT CB CORE BIT WOB WEIGHT ON BIT RPM REVS PER MINUTE FLC FLOW CHECK CR CIRCULATE RETURNS PR POOR RETURNS NR NO RETURNS BG BACKGROUND GAS TG TRIP GAS STG SHORT TRIP GAS CG CONNECTION GAS SG SWAB GAS SVG SURVEY GAS	LITHOLOGY LEGEND 	ENGINEERING LEGEND
---	-----------------------------	-------------------------------

MWD Gamma Ray (api)	DEPTH	CUTTINGS LITHOLOGY %	INTERPRETED LITHOLOGY	TOTAL GAS & RESISTIVITY		RESERVAL CHROMATOGRAPH					OIL FLUORESCENCE	LITHOLOGICAL DESCRIPTIONS AND REMARKS
				Resistivity (Deep) Ohm.m	Resistivity (Shallow) Ohm.m	Methane %	Ethane %	Propane %	ISO-Butane %	N-Butane %		
0 100 200	MD (m)			.1 1 10 100 1K	.1 1 10 100 1K	_____	_____	_____	_____	_____	_____	
0 30 60	TVD(m)					_____	_____	_____	_____	_____	_____	
400 300 200						_____	_____	_____	_____	_____	_____	
200 100 0						_____	_____	_____	_____	_____	_____	
	50											
	60											
	70											
	80											

@ 03:30 HRS ON 16-10-2005

WOB 1-5 klbs
RPM 60-80
SPP 250-1000 psi
FLOW 1055 gpm

BIT #1: Reed Y11C
SIZE:660mm + 914mm H.O
JETS:3x24
IN: 78.5m OUT:112m
RUN:33.5m HRS:0.8
COND:

16-10-05
17-20-05

DRILL WITH SEA WATER
RETURNS TO SEABED

508mm (20") Casing Shoe
set @ 110.9 mMDRT

BIT #2: Reed T11
SIZE:444mm
JETS:3x22,1x16
IN:112m OUT:355m
RUN:243m HRS:4.2
COND:

Survey @ 129.21m: 1.28°,306.65Az

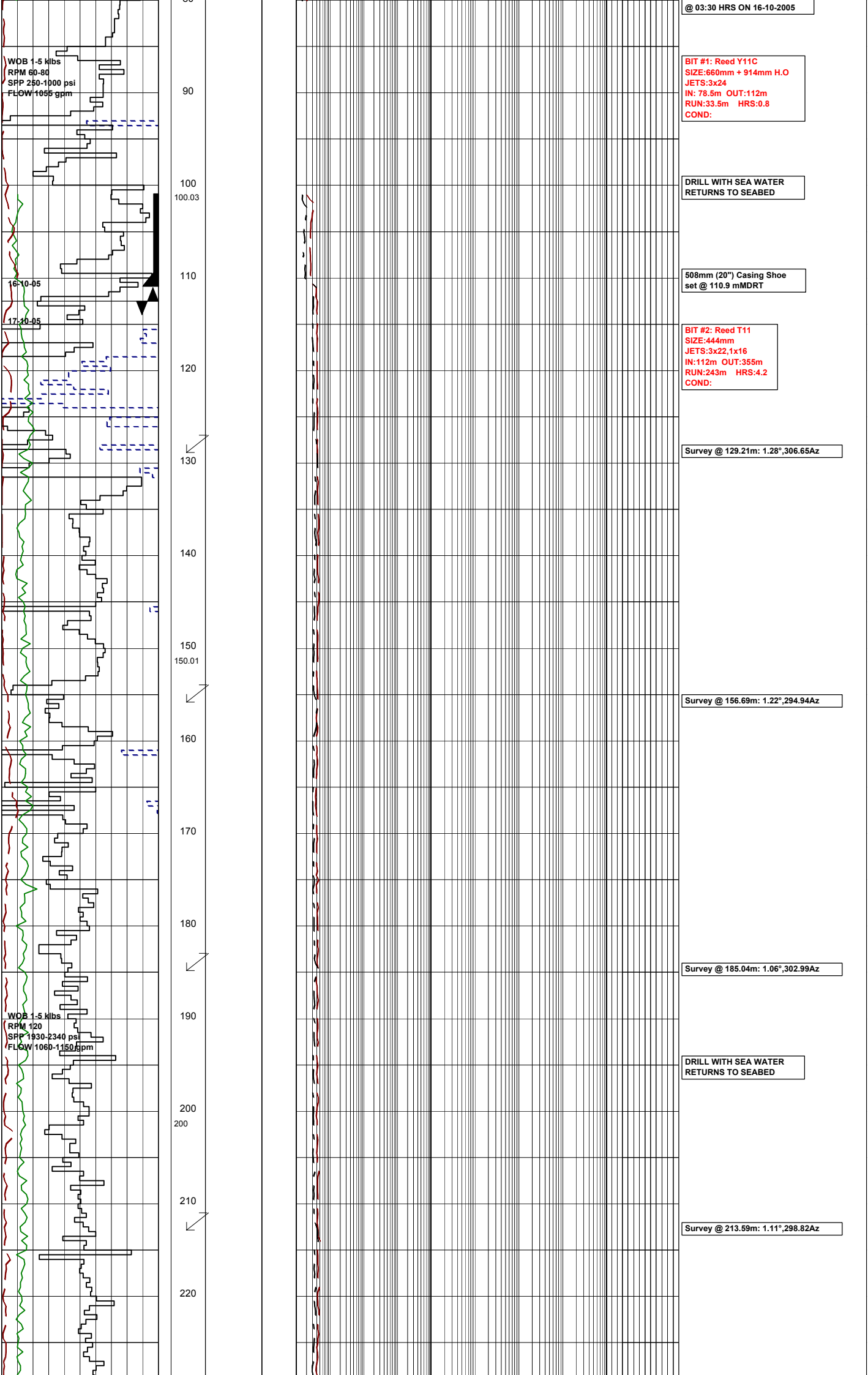
Survey @ 156.69m: 1.22°,294.94Az

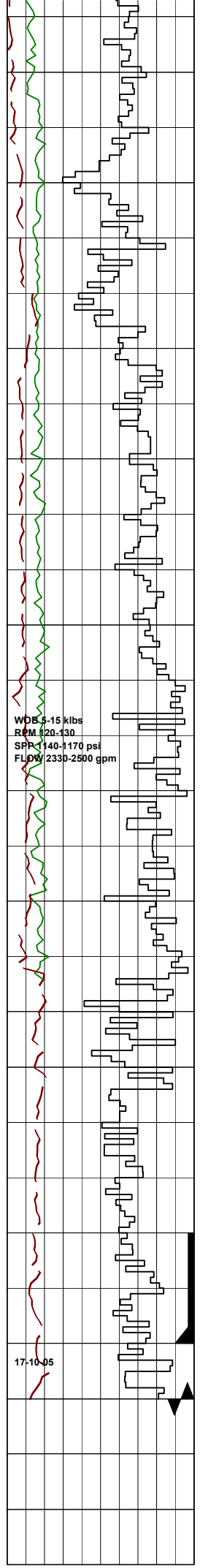
Survey @ 185.04m: 1.06°,302.99Az

WOB 1-5 klbs
RPM 120
SPP 1930-2340 psi
FLOW 1060-1150 gpm

DRILL WITH SEA WATER
RETURNS TO SEABED

Survey @ 213.59m: 1.11°,298.82Az





230
240
250
250.04
260
270
280
290
300
300
340
320
330
340
350
350.07
360
370

Survey @ 242.12m: 0.77°,292.08Az

Survey @ 299.14m: 0.74°,296.01Az

Survey @ 310.49m: 0.70°,293.91Az

DRILL WITH SEA WATER
RETURNS TO SEABED

340mm (13.375") Casing Shoe
set @ 350 mMDRT

BIT #3:
 SIZE:311mm
 JETS:
 IN:355m OUT: m
 RUN:m HRS:
 COND: