MASTER LOG

Geoservices

COMPANY SHELL

WELL PECTEN N°1A

STATE VICTORIA (OFF-SHORE)
BASIN OTWAY COUNTRY AUST.
LOCATION
ELEVATION
DATE from 19-4-67 to 19-4-67
DEPTH from 864' to 1000'
SCALE 1:1200e UNIT N° 4C21
ENGINEERS M. CADART

Each horizontal division equals 10 feet

L E G E N D

MUD DATA

W.	Weight
V.	Viscosity
F.	Filtrate
F.C	Filter Cake
S	Salinity
Rm.	Mud Resistivity
Rmf	Mud Filtrate Resistiv.

DRILLING LEGEND

NB	New Bit
RRB	Rerun Bit
DB	Diamond Bit
TB	Turbo Drill
CB	Core Bit
DCB	Diamond Core Bit
DS	Directional Survey
T	Weight on bit
t/mn	Rotation (Revol./min.)
↑CO	Circulated out
NR	No Returns

LITHOLOGY LEGEND

- Sand, Sandstone
- Silt
- Quartzite
- Conglomerate
- Shale
- Silty shale
- Calcarenite
- Limestone
- Ool. limestone
- Dolomite
- Salt
- Gypsum, Anhydrite
- Coal, Lignite
- Metamorphic rock (Gneiss,...)
- Extrusive rock (Basalt,...)
- Intrusive rock (Granite,...)
- Chert
- Mica
- Pyrite
- Glauconite

ENGINEERING LEGEND

- Cl rec. 95% — Core N°1 recovery 95%
- DST 1 — Drill Stem Test N°1
- Dry
- Water (15gr. ClNa/litre)
- Oil
- Gas

DATE | MUD (WEIGHT lb/cuft, VISCOSITY, FILTRATE) | DRILLING RATE Min./foot (BIT DA, CASING) | DEPTH feet | CALCIMETRY, DOLOMIMETRY, SAND RATIO, VISUAL POROSITY | LITHOLOGY Cuttings % | AGE-FORMATION | LOG | OIL AND GAS IN CUTTINGS (Oil, Live Oil, Methane %, Total gas %) IN MUD (Oil, Methane %, Total gas %) | CORES | TESTS

Derrick Floor

Mean sea level

100

200

300

Sea bottom

30" casing shoe at 378 bdf

400

500

600

700

800

20" casing shoe at 849 bdf

900

1000

ENGINEERING REMARKS

DESCRIPTIONS

% Clay	% Carbonates	
0	100	"Pure" Limestone
5	95	Clayey Limestone
15	85	Marly Limestone
25	75	Calcareous marl
35	65	Marl
65	35	Clayey marl
75	25	Marly Clay
85	15	Calcareous clay
95	5	"Pure" Clay
100	0	

864 - 890.
Calcarenite, whitish to beige grey, poorly to moderately consolidated, fine carbonate grains, subangular, fairly sorted in a clayey and calcitic matrix. Minor to moderate glauconite, minor silts of pyrite. Foraminiferus, Bryozoa, Echinidea debris.
Good porosity. No shows.
Accesory loose calcite and qtz.

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