FROME LAKES PTY. LTD.

GIPPSLAND No. 5

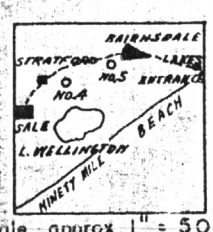
Co.

Well.

State	VICTORIA
County	TANJIL
Parish	MOORMURNG
Location	2190' West of and 510' North of the S.E. Corner Allot. 98b. Crown land.
Elevation	253' D.F.

Comm. 10-1-57 Comp. 25-1-57
T.D. 1550'

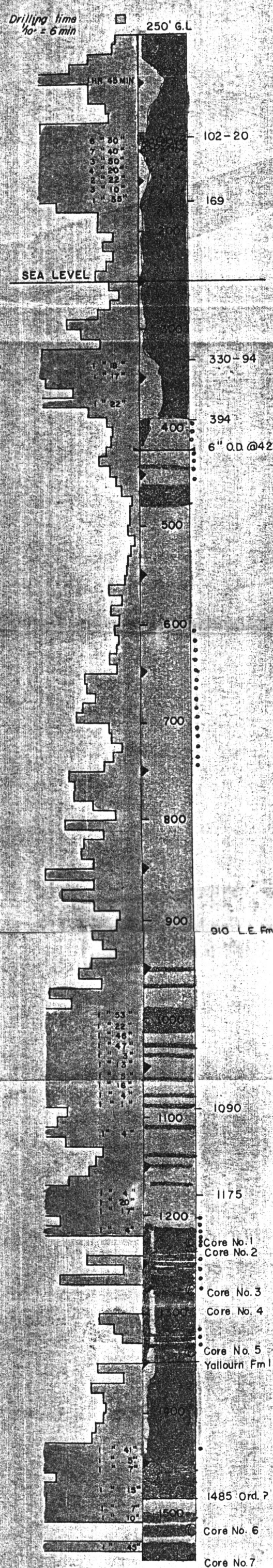
Casing Record 6" a 423' with 56 sacks of cement



Scale approx 1" = 50 Miles

EXPLORATION WELL

R.L. Wood Jan. 1957



Sand — orange to yellow Fe std wh to clear med subang qtz sd in orange clay

Sd — red, pink, yellow, white crse — vcrse rnd — subrnd qtz sd and granules
Sdy clay — orange — yellow std vf — crse subang qtz sd in orange yellow clay

Sdy clay — same as above but wl many rnd granules of pink wh and yellow qtz
Sd. — red, yellow, orange and white vcrse rnd qtz sd wl many granules of hematite

Conglomerate — orange Fe std cobble conglomerate cemented by a vf rnd lt ss matrix — cobbles include basalt, rhyolite granite, qtz etc. — vry hrd and crse
Sd and gravel — orange std vcrse — granule subrnd qtz sd wl pebbles of above igneous — not as consolidated as the cong — bands of hrd lt cemented f — med subrnd sandstone

Sandstone — orange, Fe std vf — f ang lt org qtz ss.
Sd — 169 — 190' wh f — med ang pure qtz sd wl med — crse grains of dk gry and red minerals

Sand — wh to clear vf — med subang to rnd pure qtz sd in a lt gry arg matrix
Sd — wh to pale yellow std crse — vcrse well rnded well sorted opaque milky qtz sd

Sd — pure wh vcrse — granule rnd — sperical opaque qtz sd
Sd — lt gry to wh med — vcrse rnd milky qtz sd wl lrg granules of above
Ss and sd — bands of orange std vf subang lt arg ss in a lt gry to wh vcrse to granule qtz sd — many lrg wh rnd pebbles

Sd — wh — pale yellow vf - f ang loose qtz sd
Ss — orange brn std vf ang qtz ss wl lrg flakes of mica and much pyrite
Sdy clay — gry — buff soft highly carbonaceous and pyritic clay wl lrg flakes of mica and 50 % vf ang qtz sd grains — some bands of pure clay — samples highly carb — lrg chunks of blk wood fiber and small pyritic nuts — appears to be an old soil horizon

Marl — at 394' gry clay becomes gry soft sticky highly glauconitic sdy marl — med - crse grains of glauc — wh rnd granules of qtz — pyrite and many turritella frags.
Marl — gry soft but less sdy glauc pyritic carb marl wl frags of gastro and pelecypods

Marl — lt gry — gry soft highly shelly sli glauc marl wl hrd ls bands marl mainly composed of Bryozoal fragments

Limestone — wh to pale yellow crse granular highly Bryozoal ls wl yellow arg filling

Marl — lt gry soft Bryozoal marl wl lrg wh — clear frags of pure calcite shell remains

Marl — buff to tan soft foss marl composed of myriads of tiny xls cementing lrg frags of Bryozoal

Marl — lt gry soft Bryozoal marl — lrg frags of Bryozoal stems in a soft calcareous matrix — rough textured mainly Bryozoa frags left in samples — trace of pyrite

Marl — same gry soft foss marl but wl trace of glauc and gypsum needles forams increases wl depth

Limestone — lt gry vf granular Bryozoal glauc ls wl forams and gypsum needles

Limestone — buff to lt gry vf granular glauc Bryozoal ls — many Bryozoa stems and some small forams

Limestone — buff to cream vf gran to vf xln hrd lt poloyzoal ls — many bands of gry vf xln hrd calcite foss ls — many honey — combs of calcite and Bryozoa stems

Limestone — white to cream vf gran to vf xln hrd sli por poloyzoal ls mainly pure calcite Bryozoa stems

Limestone — pure wh f granular hrd porous poloyzoal ls
Marl bands — poloyzoal ls wl lt gry soft foss marl bands

Limestone — wh poloyzoal ls becomes med xln wl depth

Marl — lt gry vf tex soft sli micaceous marl
Marl — gry vf smooth textured sli carb marl wl wh foss casts — very soft marl

Marl — lt gry to grn vf velvety tex soft sli carb marl wl wh foss casts many hrd bands of ls. Marl has a tabular to flaky fracture

Limestone — tan — lt gry vf granular lt foss ls composed of many tiny rhombic xls giving the samples a gritty fracture — ls contains gry pyritic calcite veins and foss frags

Marl and ls — ls grades into gritty soft gry vf tex marl wl wh foss casts and forams

Marl wl ls bands — typical L.E. marl soft gry grn velvety tex wl bands of lt gry very calcitic foss ls

Marl — lt gry grn vf velvety tex soft swelling marl wl wh foss casts

Marl — lt brn soft highly foss vf tex marl — lrg cream frags of Bryozoa stems

Marl — lt gry — lt brn soft vf tex pyritic and foraminiferal marl wl bands of cream coloured Bryozoa stems and foss frags

Marl — 1475 on is brn soft vf tex sli micaceous pyritic foss marl wl wh foss casts throughout

Marl — brn vf gritty tex micaceous and foraminiferal sli glauc marl
Sandstone — 4' tan — lt brn hrd vry cal ss wl varicoloured grains and granular pellets of glauc and limonite
¢ 1225 — 30 Rec 1' brn vf ang soft friable glauc arg ss wl yellow granules qtz and ovoid pellets limonite
¢ 1230 — 35 Rec 3" same as above — both very micaceous
Marl wl ss bands — typical gry glauc marl wl hard bands of very cal ss — med grains of orange qtz, brn siderite, ovoid pellets of limonite coated pyrite shell frags
Sandstone — brn f ang lt hrd vry calcareous ss wl orange qtz, siderite and shell frags
¢ 1271 — 81 Rec 2' 1½" brn ang soft friable glauc arg and cal mica ss, ½' hrd lt vry cal ss as above — sandy marl contains several hrd cal bands
¢ 1286 — 96 Rec 5' Gry — lt brn f ang lt vry hrd arg and cal ss wl mica and well rounded yellow granules of qtz — many med grains of an olive grn platey mineral weathered brn
Sandstone — dk brn f ang lt vry hrd and cal mica and limonitic ss wl many gastropods and brachiopods
Ss — same as above but becoming highly glauc and pyritic — lrg crse loose grains glauc
¢ 1335 — 45 Rec 4' lt gry — brn vry hrd lt arg cal ss as above but wl many rnd qtz granules

Ss — lt gry - brn soft friable vf - f ang arg sli cal ss wl mica siderite and many well rnded qtz granules — transition to non marine environment

Sand — yellow to wh opaque well rounded granules of qtz sand — frags of sharks teeth — yellow bands of cemented med — crse ang qtz ss

Sandstone — gry — lt brn vf ang friable arg micaceous ss — many rnd granules qtz

Ss — gry — tan f — med ang lt hrd siliceous ss wl mica, carbo specks and trace of glauc
Ss — dk gry — dk brn very hrd lt siliceous ss wl lrg ovoid pellets of limonite
Ss — above ss but wl many vcrse rnd concretionery nodules of dolomite — buff to tan in colour

Limestone — buff, tan and reddish vcrse rnd sugary textured dolomite nodules — probably ground water deposition ?

Phyllite — buff to orange vf soft laminated unctious weathered phyllite (Possible Ord.?)
Sandstone — reddish purple, soft friable weathered f — med ang qtz ss
¢ 1513 — 23 Rec 1½' ½' yellow orange weathered phyllite, 1' reddish purple weathered ss

Sandstone — reddish purple weathered ss wl calcite veining
¢ 1545 — 50 Rec 2½' reddish purple f - med ang weathered sandstone, apparent dip 60°.

GIPPSLAND No. 5

LITHOLOGICAL LOG

PLATE 5

OIL and GAS DIVISION

R.L. WOOD REPORT