FIGURE 2

ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.

WELL COMPLETION LOG

MUSSEL - 1

DEPT. NAT. RES & ENV
PE600577

CONCESSION: PEP/40 STATE: VICTORIA BASIN: OTWAY

LOCATION: Lat. 38° 57' 45·993" S Long. 142° 46' 21·676" E

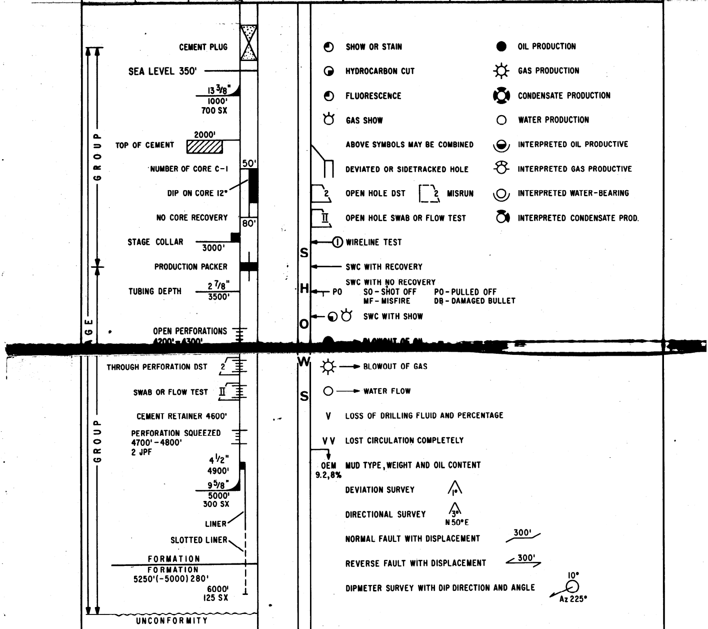
ELEVATION: G.L. M.S.L. K.B. 100' (R.T. 99') WATER DEPTH: 280'

SPUDDED: 18 AUG.,'69 COMPLETED: 14 SEPT.,'69 DRILLED BY: OCEAN DIGGER

CLASSIFICATION: TEST DRILLING STATUS: PLUGGED & ABANDONED

TOTAL DEPTH: 8038' PLUGGED BACK T.D.: 504'

CASING AND TUBING				PLUGS			PERFORATIONS		
SIZE	SET AT	SX. CMT.	FORMATION	FROM	TO	SX. CMT.	FROM	TO	No. FT.
30"	410·5'	Pile Joint		7508'	7390'	100			
20"	882'	1600	MIOCENE	6936'	6725'	150			
13⅜"	2200'	650	MIOCENE	2262'	2023'	225			
				609'	504'	75			


CEMENT PLUG
SEA LEVEL 350'
13 3/8" 1000' 700 SX
TOP OF CEMENT 2000'
NUMBER OF CORE C-1
50'
DIP ON CORE 12°
NO CORE RECOVERY
80'
STAGE COLLAR 3000'
PRODUCTION PACKER
TUBING DEPTH 2 7/8" 3500'
OPEN PERFORATIONS 4200'-4300'
THROUGH PERFORATION DST 2
SWAB OR FLOW TEST II
CEMENT RETAINER 4600'
PERFORATION SQUEEZED 4700'-4800' 2 JPF
4 1/2" 4900'
9 5/8" 5000' 300 SX
LINER
SLOTTED LINER
FORMATION
FORMATION 5250'(-5000) 280'
6000' 125 SX
UNCONFORMITY
AGE
GROUP
GROUP
S H O W S
SHOW OR STAIN
HYDROCARBON CUT
FLUORESCENCE
GAS SHOW
ABOVE SYMBOLS MAY BE COMBINED
DEVIATED OR SIDETRACKED HOLE
OPEN HOLE DST 2
2 MISRUN
OPEN HOLE SWAB OR FLOW TEST II
WIRELINE TEST
SWC WITH RECOVERY
SWC WITH NO RECOVERY
PO SO - SHOT OFF PO - PULLED OFF
MF - MISFIRE DB - DAMAGED BULLET
SWC WITH SHOW
BLOWOUT OF OIL
BLOWOUT OF GAS
WATER FLOW
V LOSS OF DRILLING FLUID AND PERCENTAGE
VV LOST CIRCULATION COMPLETELY
OEM 9.2,8% MUD TYPE, WEIGHT AND OIL CONTENT
DEVIATION SURVEY 1°
DIRECTIONAL SURVEY 3° N 50° E
NORMAL FAULT WITH DISPLACEMENT 300'
REVERSE FAULT WITH DISPLACEMENT 300'
DIPMETER SURVEY WITH DIP DIRECTION AND ANGLE 10° Az 225°
OIL PRODUCTION
GAS PRODUCTION
CONDENSATE PRODUCTION
WATER PRODUCTION
INTERPRETED OIL PRODUCTIVE
INTERPRETED GAS PRODUCTIVE
INTERPRETED WATER-BEARING
INTERPRETED CONDENSATE PROD.

WIRE LINE LOGGING SERVICES

LOG	INTERVAL	LOG	INTERVAL
IES	822' – 7500'		
S-GR-C	822' – 2247'		
S-SP-C	2197' – 7500'		
FDC-GR	2197' – 7500'		
CDM	2197' – 7503'		

Run No | Depth Scale	1	2"	2	2"						
Date	21 – 8 – '69		10 – 9 – '69							
First Reading	2247'		7500'							
Last Reading	882'		2197'							
Interval Measured	1365'		5303'							
Casing Logger	882'		2197'							
Casing Driller	882'		2200'							
Depth Reached	2248'		7501'							
Bottom Driller	2250'		–							
Mud Nature	FR WATER GEL.		XP20 SPERSENE							
Density | Viscosity			10·5	48						
Mud Resistivity	0·49 at 68 °F		2·03 at 56 °F		at °F		at °F		at °F	
Mud Resistivity BHT	0·35 at 100 °F		0·78 at 154 °F		at °F		at °F		at °F	
pH | Fluid Loss		CC	8	9·4 CC		CC		CC		CC
Origin of Sample	FLOWLINE		FLOWLINE							
Rmf	0·68 at 68 °F		1·70 at 54 °F		at °F		at °F		at °F	
Rmc	at °F		2·55 at 54 °F		at °F		at °F		at °F	
Bit Size 1	9 5/8" to T.D.		12 1/4" to T.D.		to		to		to	
2	to		to		to		to		to	
Casing Size	20"		13 3/8"							
Opr. Rig Time	2 hrs.		2½ hrs.							
Truck No.	OSU-C 2072		OSU-C 2072							
Recorded by	WITHNALL		WITHNALL							
Witness	Mc KAY		Mc KAY							

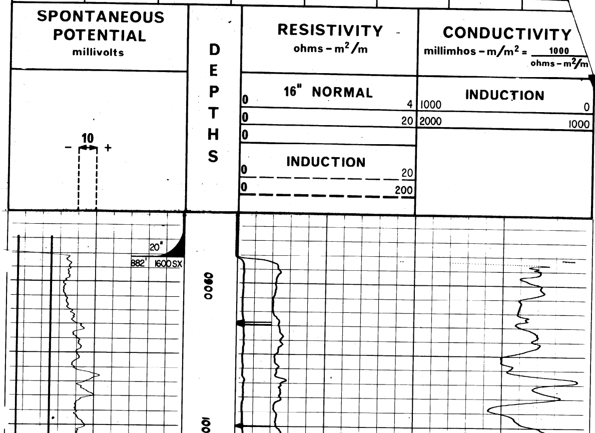
REMARKS :

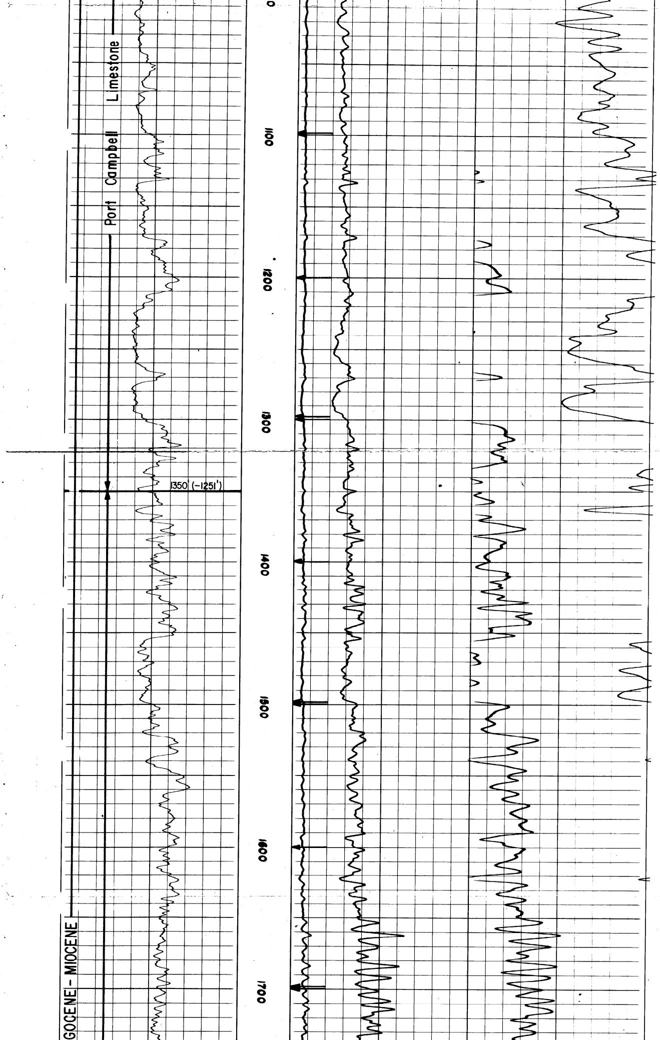
LOGGING DATA

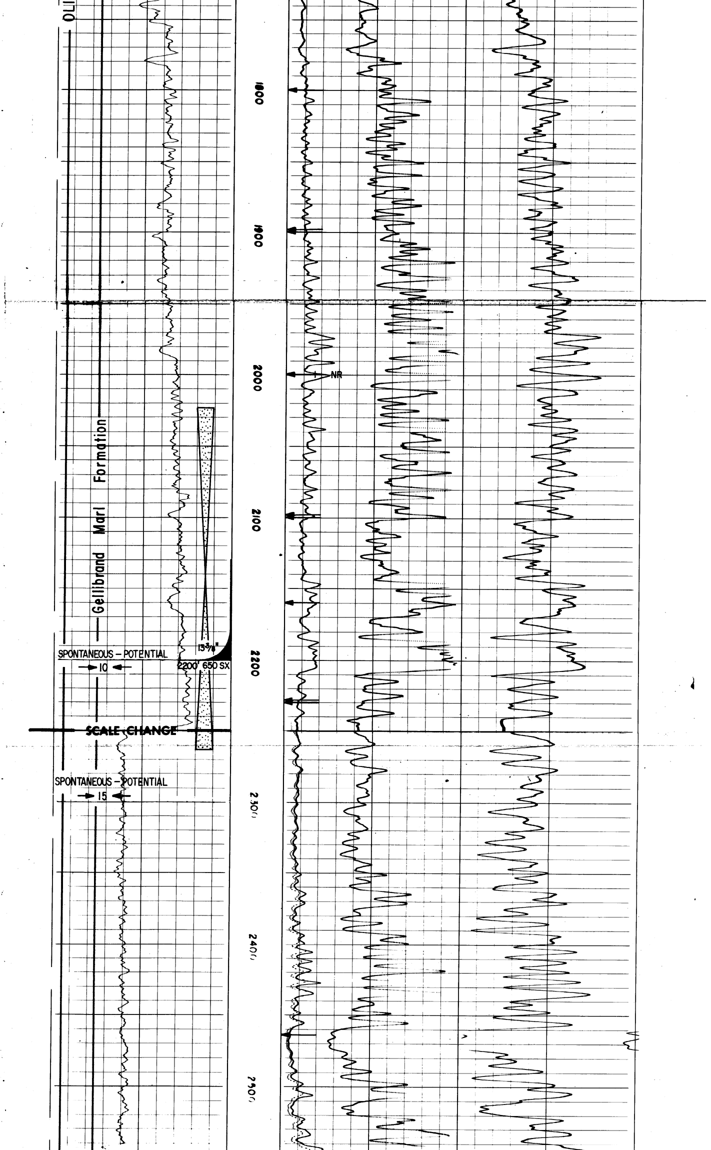
Run No.	1			
Type of Sonde	6FF40			
S N Spacing	16"			
Stand-off	1½"			
S.B.R.	1			

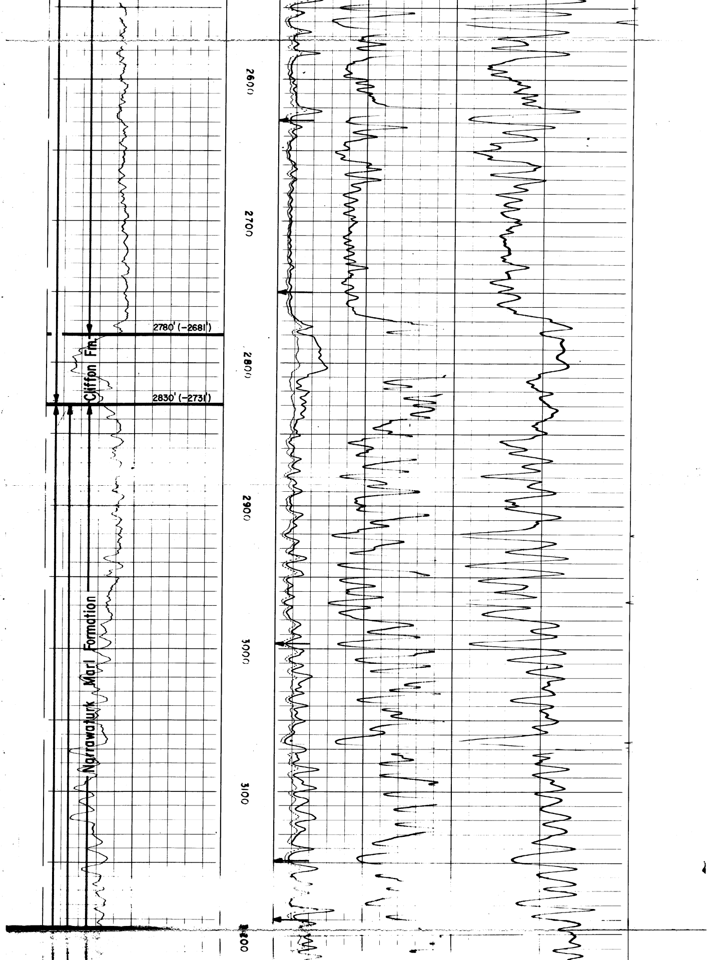
EQUIPMENT DATA

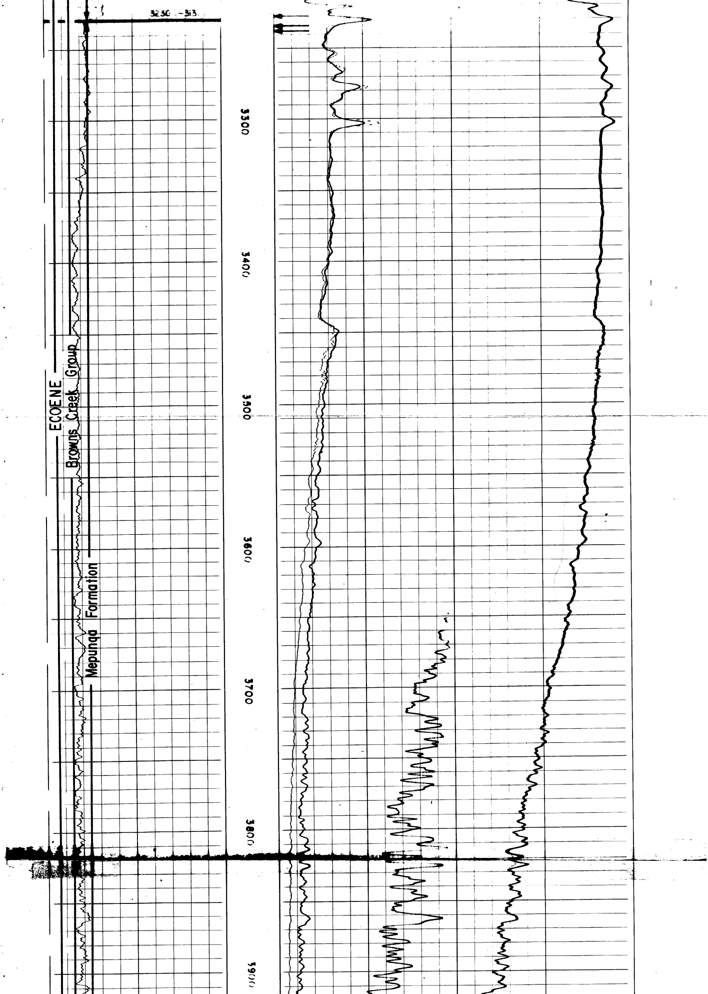
Run No.	1 & 2	
Panel	H332	
Cartridge	C707	
Sonde	M689	
Test Loop	C 732	

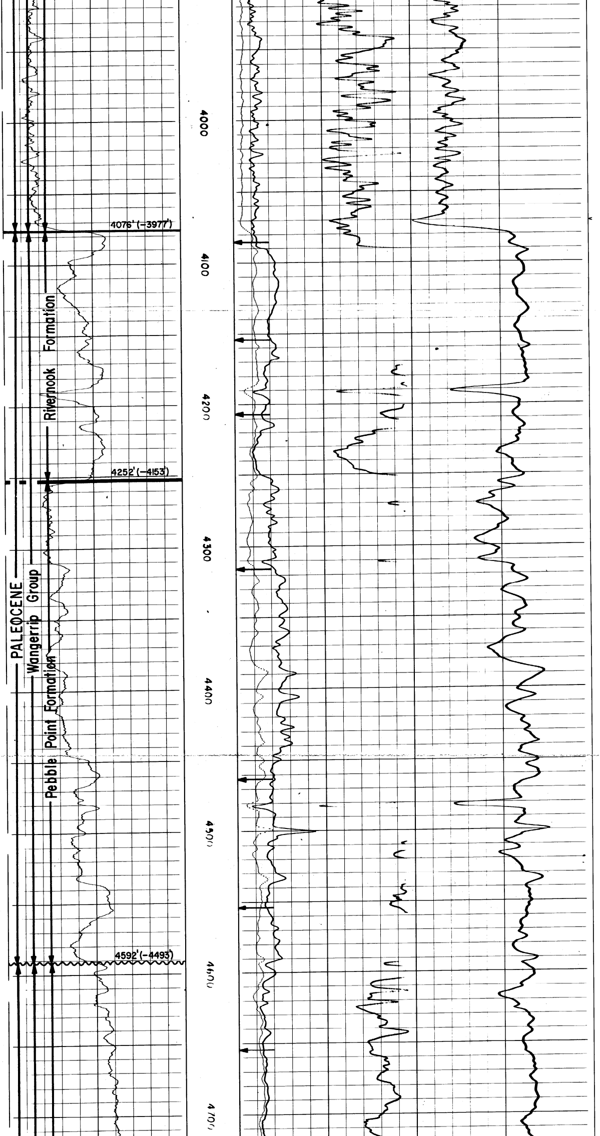


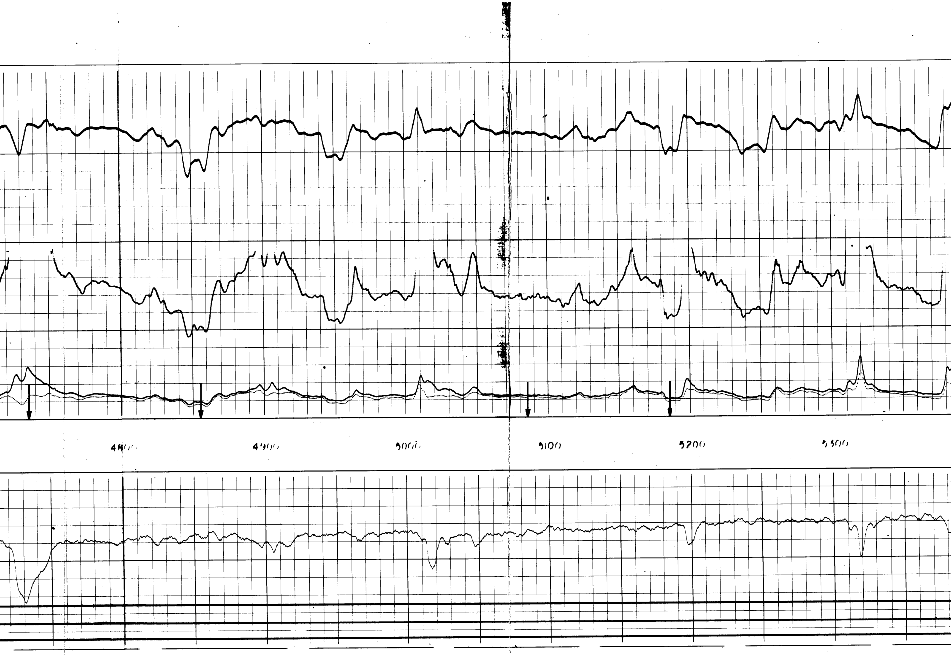


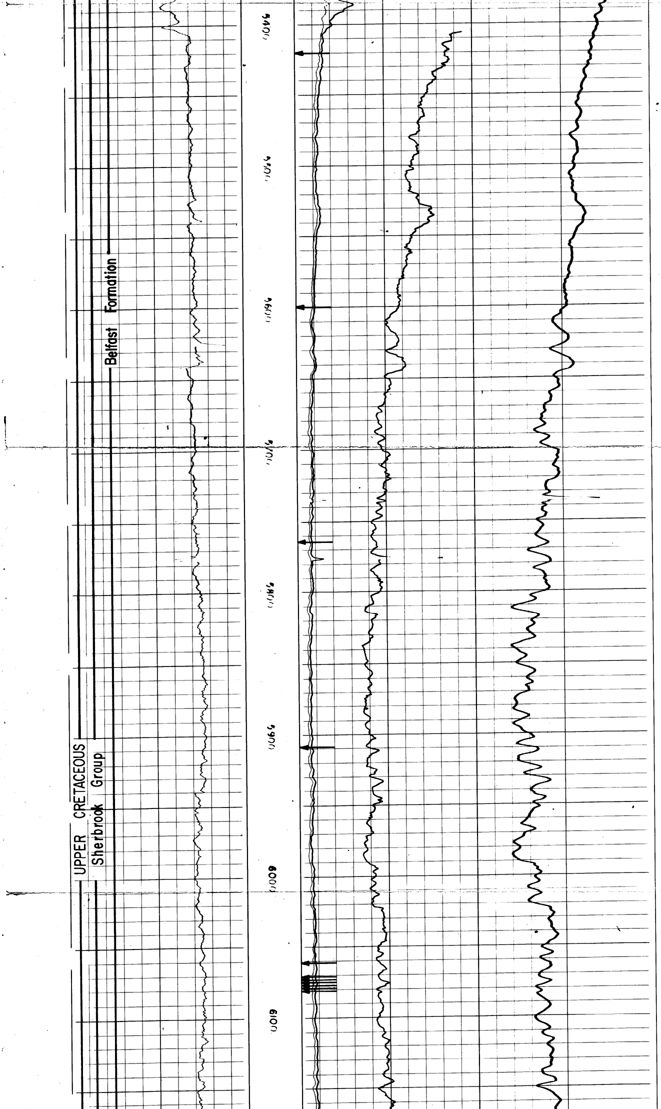


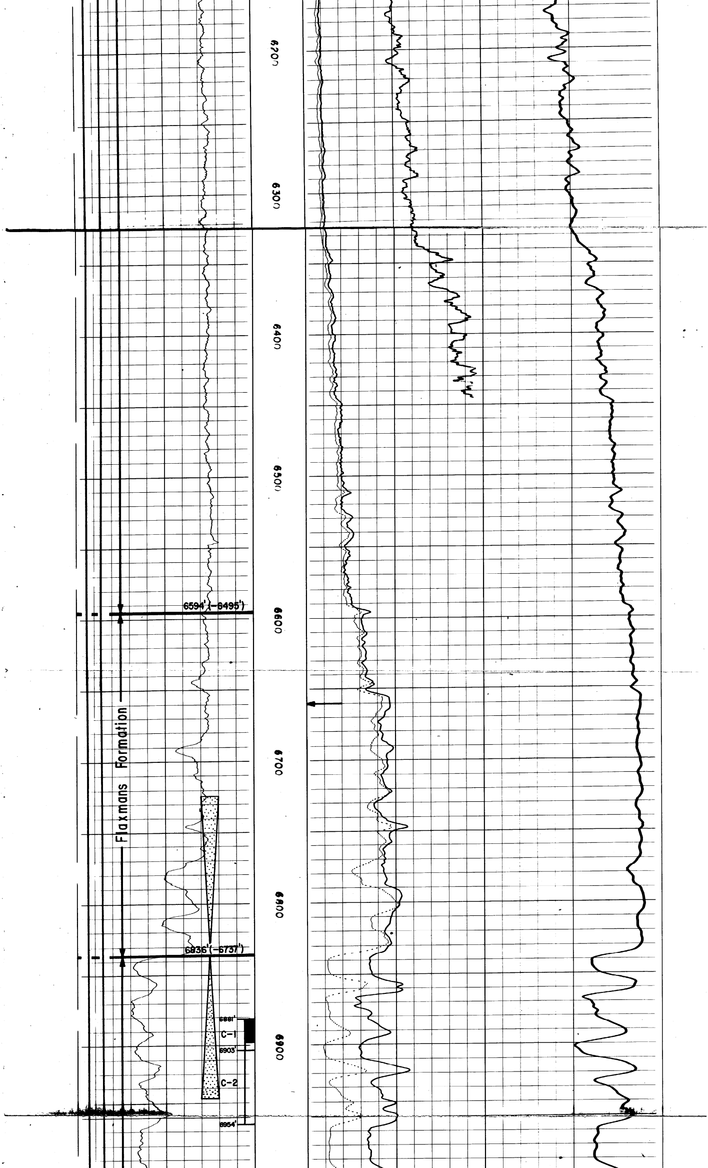


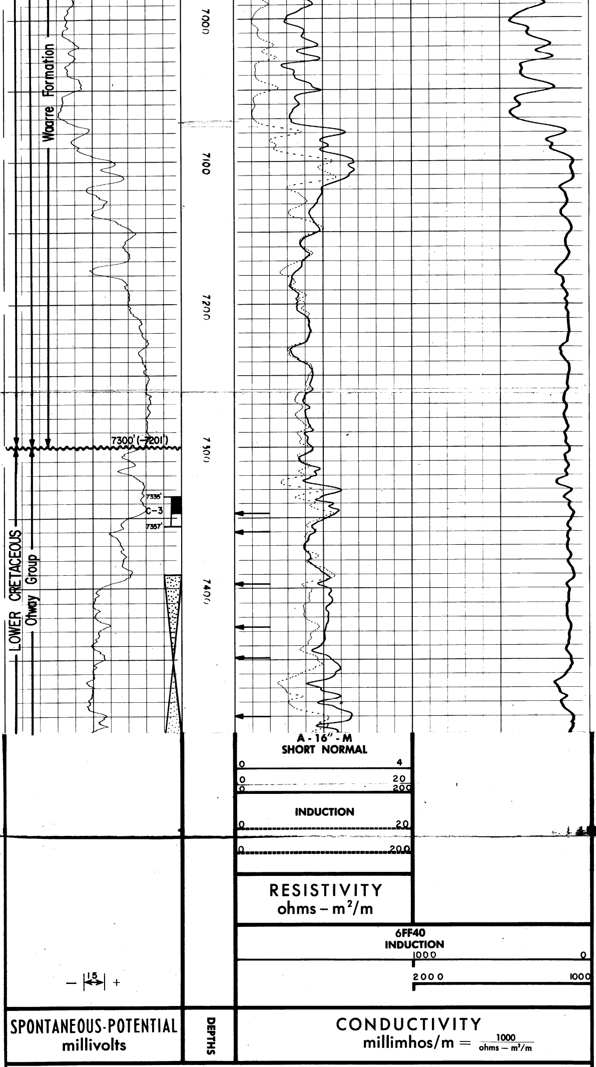












COMPANY ESSO AUSTRALIA

WELL MUSSEL I

FIELD WILDCAT

COUNTY AUSTRALIA STATE VICTORIA

SCHL. FR 7500
SCHL. TD 7501
DRLR TD 8038
Elev:
KB 100'
DF 99'(RT)
GL