Fig. 6

CORE LABORATORIES, INC.

STATE EXPLORATION AUSTRALIA PTY. LTD.
WELL BORE NO. 2
PERMIT NO.
WELL COMPLETED 21ST SEPT. 19 77 DATE
RECEIVED 19 DATE
TOTAL DEPTH 2,500 FEET
ELEVATION 27 K.B.
LONG 124° 55' 00" E

SCALE 1:500

LEGEND

ABBREVIATIONS

AA - Air Air		RESISTIVITY CURVE NOTATION	
ADC - Air Drilled Core		Rxo - Flushed Zone	
ADH - Air Drilled Hole		Rmf - Mud Filtrate	
ADS - Air Drilled Sidewall		Rm - Mud	
CA - Core Analysis		Rw - Formation Water	
CT - Core Test			
DST - Drill Stem Test		MUD DATA	
FA - Fluid Analysis		BHT - Bottom Hole Temp.	
FE - Formation Evaluation		C - Chlorides Content	
FT - Formation Test		F - Filtrate	
WA - Water Analysis		M - Mud	
WFT - Wireline Formation Tester		MC - Mud Cake	
WELLBORE SYMBOLS ON SIDEWALL		P - Pressure	
WELLBORE SYMBOLS ON CORE		T - Temperature	
		WL - Water Loss	

DRILLING DATA

MUD TYPE	
WT. LB/GAL	
VISC.	
PH	
FLUID LOSS	

LITHOLOGY

HYDROCARBON ANALYSIS

DRILLING MUD	WELL CUTTINGS
Gas in Mud: Units	Gas in Mud: Units
Background Gas:	Background Gas:
Trip Gas:	Trip Gas:
Peak Gas:	Peak Gas:
Chromatograph Record:	Chromatograph Record:

REMARKS

FORMATION DESCRIPTIONS
AND DATA
DRILL STEM TESTS, etc.

VERTICAL SCALE
1"=100'

CASING RECORD
20" @ 30'
13 3/8" @ 1043'
9 5/8" @ 2500'

CALCAREOUS MUDST
CRYPTOCRYSTALLINE
WELL INDURATED

LOG INTERPRETATION
Rt = 1.5
Rxo = 1.0
Rm = 0.5
Rmf = 0.5
Rw = 0.2
Rt/Rxo = 1.5
Rt/Rm = 3.0
Rt/Rw = 7.5
Rxo/Rw = 5.0
Rm/Rw = 1.0
Rmf/Rw = 1.0
Rw = 0.2 @ 25°C
Rw = 0.1 @ 50°C
Rw = 0.05 @ 75°C
Rw = 0.025 @ 100°C
Rw = 0.0125 @ 125°C
Rw = 0.00625 @ 150°C
Rw = 0.003125 @ 175°C
Rw = 0.0015625 @ 200°C
Rw = 0.00078125 @ 225°C
Rw = 0.000390625 @ 250°C

CALCAREOUS MUDST
CRYPTOCRYSTALLINE
WELL INDURATED
PYRITE NODULES