HELI-EXPLORATION GEODATA SDL

FORMATION EVALUATION LOG

WELL: ELLIOTT 1

Enclosure 4
Pet/Twn/480

COMPANY : PACIFIC OIL & GAS
RIG : ROCKDRILL 20
AREA : McARTHUR BASIN
COUNTRY : AUSTRALIA
LOCATION : Lat 16° 13' 19"S, 135° 45' 30.66"E
ELEVATION : Air Gap 246.10 m (RT-MSL)
Altitude 245.90 m (GL-MSL)
DEPTH REF : ROTARY TABLE

SPUD DATE : 21-08-1991
TD DATE : 28-10-1991
TD DRILLER : 1729 m (1729 m THD)
TD WIRELINE : 1729 m (1729 m THD)
LOGGED FROM : 21-08-91 @ 150 m
LOGGED TO : 28-10-91 @ 1729 m
STATUS : PLUGGED AND ABANDONED

LOGGING ENGINEERS
1 ANTONELLI
2 MARTIN
3 AUSTEN
4 PERKINS
5 PILKINGTON

A. NAGLEWSKI

LOGGING UNIT NO.701

WELL CONFIGURATION

	HOLE DEPTH m	CASING SIZE in	SHOE DEPTH m
12 1/4	150	9 5/8	150
8 1/2	1729	5 1/2	1729
4 3/4	1729		

ABBREVIATIONS

AH	ARM HOP	DS	DIRECTIONAL SURVEY
BS	BIA STAB BIT	HF	HYDR FLOC
BSA	BLADE BIT	KCM	KCL/ PHPA MUD
CB	CORE BARREL	LCM	LOST CIRCULATION MATERIAL
CBT	CASING BIT	NAF	NON AQUEOUS FLUID
CC	CLUTCH CAGE	OP	OPEN PERFORATIONS
CCB	CORE CHAMBER	PBR	POLISHED BORE RECEPTACLE
CP	CIRCULATING PRESSURE	PCP	PACKER CUP PLUG
CS	CIRCULATING SECTION	PP	PUMP PRESSURE
CSG	CASING	PR	PUMP RATE
DC	DRILL COLLAR	PS	PUMP STROKE
DP	DRILL PIPE	SC	SLOW PUMP
DSS	DRILL STRING STABILISER	WT	WEIGHT ON BIT
WTS	WORN TEETH SEC		

ANHYDRITE		MARL	
ARGILLACEOUS LIMESTONE		MARLSTONE	
BASALT		METAMORPHICS	
BASEMENT		MUDSTONE	
CALCAREOUS SANDSTONE		SANDSTONE	
CHERT		SILTSTONE	
CLAY		SILTY SANDSTONE	
COAL		SILTY SHALE	
DOLOMITE		SHALE	
DOLOMITIC LIMESTONE		SHALY SANDSTONE	
GLAUCONITE		SHALY SILTSTONE	
GRANITE		SILTSTONE	
GYPSUM		TUFF	
LIMESTONE		VOLCANICS	

SYMBOLS

DEPTH SCALE
1:500

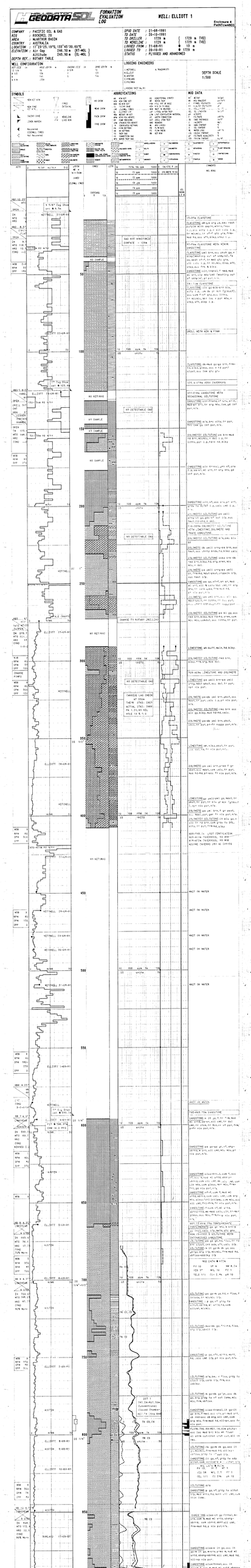
MUD DATA

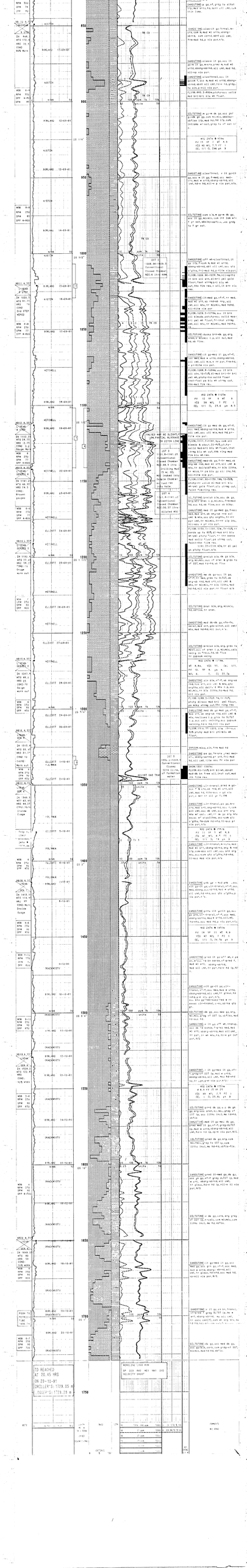
MT MUDWT	10 lb/gal
FV FUNNEL VISCOSITY	40 sec
PV PLASTIC VISCOSITY	12 cP
YP YIELD POINT	10 lb/100 sq ft
GL GEL STRENGTH	14 u/ft
WL WATER LOSS	7 cc
FC FILTRATE	1 mm
CK CAKE THICKNESS	1/32"
SD SOLIDS	6 %
OL OIL CONTENT	0 %
WC WATER	94 %
MBT METHYLENE BLUE CAPACITY	20 kg/m³
PH HYDROGEN ION CONCENTRATION	9.5
CL CHLORIDE	40 mg/l

WELL CONFIGURATION

12 1/4	150	9 5/8	150
8 1/2	1729	5 1/2	1729
4 3/4			

DEPTH m | DRILLING TIME min/m | GAS ppm | CUTTINGS | LITHOLOGY | DRILLING PARAMETERS | MUD PROPERTIES


TOTAL GAS ppm
CUTTINGS
LITHOLOGY
DRILLING
GAS NOT HYDROTYPED
EVAPORITE ~ 1220m
NO SAMPLE
NO RETURNS
NO DETECTABLE GAS
CHANGE TO ROTARY DRILLING
CHANGE TO KCL/PHPA MUD
CARBIDE LAG ENDS
TOTAL DEPTH 1729
DRILLER 1727
WIRELINE 1729
PR 1.25 MIN/M
HOLE CLEAN
WAIT ON WATER
WAIT ON WATER
WAIT ON WATER


TD REACHED
AT 20.45 HRS
ON 23-12-97
DRILLER'S 1729.05 m
LOGGER'S 1729.36 m
WIRELINE LOGS RUN
DP GDS BHC MDT VSI
VELOCITY SHOOT