

Company: Esso Austaralia Pty Ltd.

Well: SNA-A19A

Field: Snapper

Rig: Nabors 175

Country: Australia

MAXR
Correlation Log

Rig: Nabors 175

Field: Snapper

Location: GDA94/MGA94Zone 55

Well: SNA-A19A

Company: Esso Austaralia Pty Ltd.

LOCATION

GDA94/MGA94Zone 55

N: 5,772,180.379 m

E: 589,787.584 m

Elev.: K.B. 41.7 m

G.L. -55 m

D.F. 41.7 m

Permanant Datum: _____

Mean Sea Level _____

Elev.: -41.7 m _____

Log Measured From: _____

Drill Floor _____

41.7 m above Perm. Datum

Drilling Measured From: _____

Drill floor _____

State: Victoria

Max. Well Deviation 81.4 deg

Longitude 148 1° 31.298" E

Latitude 38 11° 37.840" S

Logging Date	12-May-2008			
Run Number	1			
Depth Driller				
Schlumberger Depth	4850 m			
Bottom Log Interval	4585 m			
Top Log Interval	4579.5 m			
Casing Fluid Type	Sea water/ Brine			
Salinity				
Density				
Fluid Level				
BIT/CASING/TUBING STRING				
Bit Size	8.500 in			
From	3685 m			
To	4888 m			
Casing/Tubing Size	7.000 in			
Weight	26 lbn/ft			
Grade	L-80			
From	3658 m			
To	4850 m			
Maximum Recorded Temperatures				
Logger On Bottom	Time			
Unit Number	Location			
Recorded By	B.Donahoe			
Witnessed By	Mr D.Daniels, Mr R.Spencer, Mr M.Turner			

PVT DATA				Run 1	Run 2	R
Oil Density						
Water Salinity						
Gas Gravity						
Bo						
Bw						
1/Bg						
Bubble Point Pressure						
Bubble Point Temperature						
Solution GOR						
Maximum Deviation				81.4 deg		
CEMENTING DATA						
Primary/Squeeze				Primary		
Casing String No						
Lead Cement Type						
Volume						
Density						
Water Loss						
Additives						
Tail Cement Type						
Volume						
Density						
Water Loss						
Additives						
Expected Cement Top						
Logging Date						
Run Number						
Depth Driller						
Schlumberger Depth						
Bottom Log Interval						
Top Log Interval						
Casing Fluid Type						
Salinity						
Density						
Fluid Level						
BIT/CASING/TUBING STRING						
Bit Size						
From						
To						
Casing/Tubing Size						
Weight						
Grade						
From						
To						
Maximum Recorded Temperatures						
Logger On Bottom	Time					
Unit Number	Location					
Recorded By						
Witnessed By						

Date Created: 7-MAY-2008 13:35:51

Logging Cable

Type:	7-46ZV-XS
Serial Number:	707379
Length:	9100.11 M
Conveyance Method:	DrillPipe (TLC)
Rig Type:	Offshore Fixed

Log Sequence:	Subsequent Trip To the Well
Reference Log Name:	SNA A19A Vision Resistivity 2MHz 200MD
Reference Log Run Number:	
Reference Log Date:	26-Apr-2008
Subsequent Trip Down Log Correction:	N/A

1. All Schlumberger depth control policy followed.
2. IDW used as a primary depth measurement
- 3.
- 4.
- 5.
- 6.

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

OTHER SERVICES2
OS1:
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 2

Pump down operation was utilized to assist the tool going down at high deviation

MAXR Setting depth 4579.5 to 4585m MDKB.





Correlated MAXR String with piptag at 4535.77m MDKB.

Top Shot to Piptag = 43.76
Top Shot @ 4579.5 m MDKB

Day Crew: Rick Murray, Max Hancock, Paul Flood
Night Crew: Zeb Casey, Daniel Hiskins
Performed by Schlumberger

RUN 1			RUN 2		
SERVICE ORDER #: PROGRAM VERSION: 15C0-309 FLUID LEVEL:			SERVICE ORDER #: PROGRAM VERSION: FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1			RUN 2		
SURFACE EQUIPMENT					
WITM (SHM)					
DOWNHOLE EQUIPMENT					
MH-22 MH-22		7.04			
AH-38 AH-38		6.56			
EQF-46 EQF-46 3003		6.25			
EQF-46 EQF-46 3002		4.43			

EQF-38
EQF-38 3009

2.60

UPCT-A
UPCC-A
UPCH-A

1.37

Gamma Ray

0.79

Casing Co
Tension

TOOL ZERO

SHM_GUN

TOOL BOTTOM

0.00

MAXIMUM STRING DIAMETER 2.13 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Client: Esso Australia Pty Ltd.

Well: SNA A19A

Field: Snapper

State: Victoria

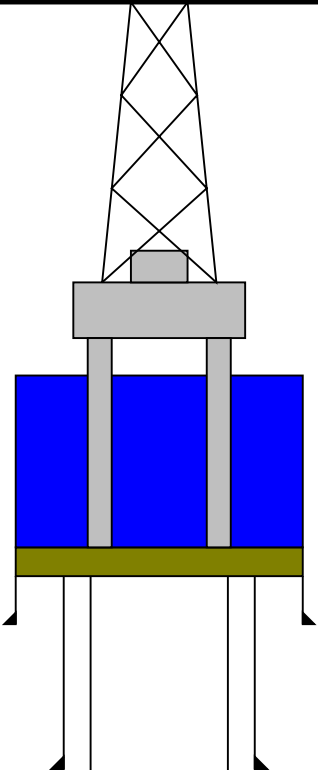
Country: Australia

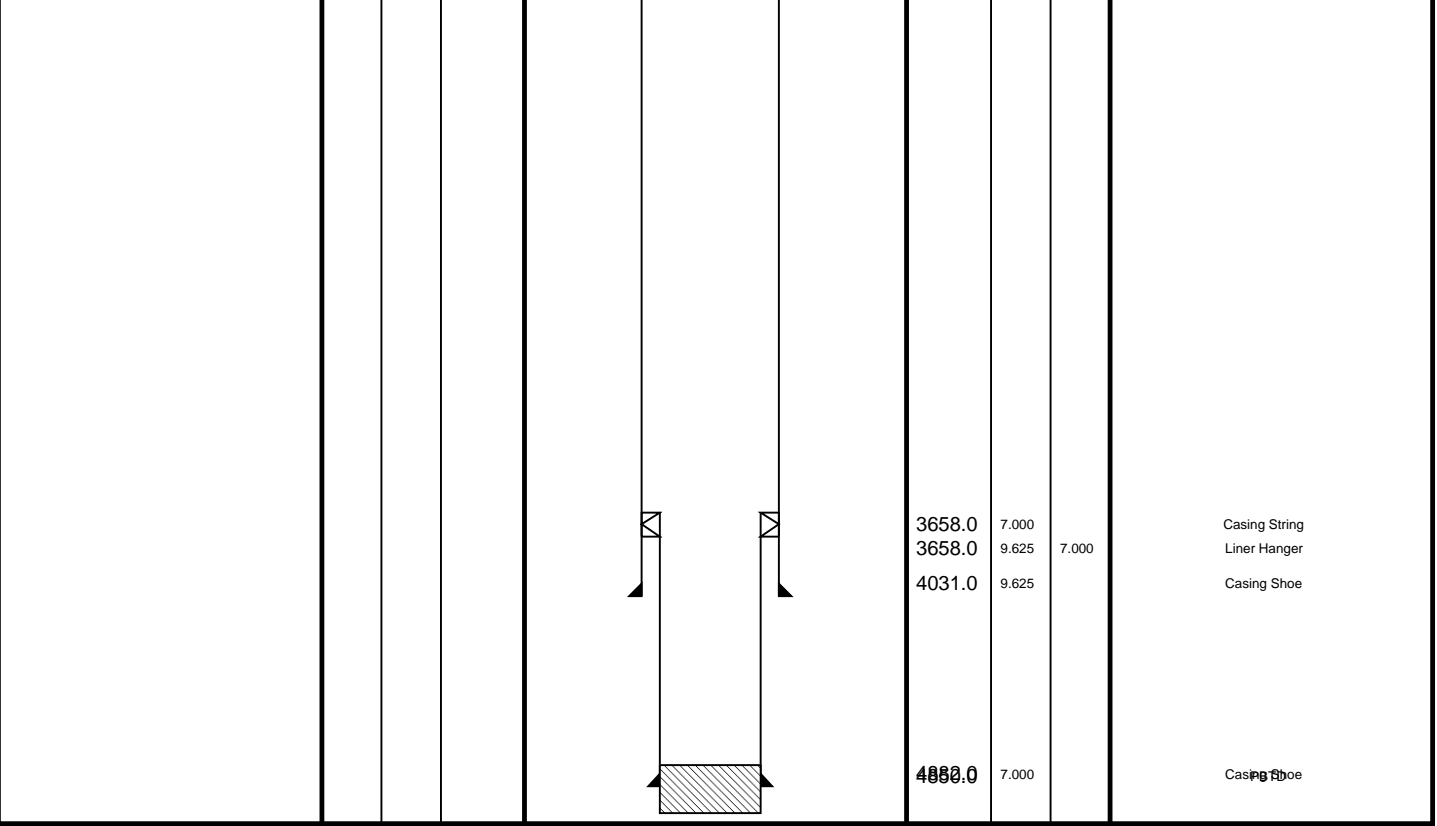
Rig Name: Nabros 175

Reference Datum: Mean Sea Level

Elevation: 0.0 m

Drawing Date: 5/7/2008

Production String	(in) (m)			Well Schematic	(m) (in)			Casing String
	OD	ID	MD		MD	OD	ID	
Derrick Floor Elevation			0					
Mean Sea Level			41.7		96.7 170.5	20.000		Sea Bed Casing Shoe
					817.2	13.375		Casing Shoe



All depth as per driller's Depth



MAXR Correlation Pass

MAXIS Field Log

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