

Trefoil-2

Date : 11 Oct 2009

Geology Report Number : 5

(associated DDR # 11)

Well Details

Depth MDBRT:	935.0m	Rig:	Kan Tan IV	Date:	11 Oct 2009
Depth TVDBRT:	935.0m	Progress:	0.0m	Report Start:	0000
Depth TVDSS:	909.0m	RTE agl:		Report End:	2400
Hole Size:	17.500in	GLE amsl:	0 (m)	Days On Location:	10.13
Hole Size Carbide:		Last Csg Size:	30.000in	Days since Spud:	5.67
Water Depth (MSL)	69.0m	Last Csg Shoe:	153.0m		
RT-ASL(MSL)	26.0m	F.I.T. / L.O.T.:	/		

Operations Summary

24hr Summary:	Run in 340mm (13 - 3/8") casing
Forward Plan:	Finish running in and cement 340mm (13 - 3/8") casing, Run BOP

General Comments

00:00 TO 24:00 Hrs ON 11 Oct 2009

Operational Comments

Geoservices: 2 Data engineers, 2 mudloggers, 1 technician on board. Technician monitoring RT data transmissions. Sperry: 2 MWD engineers on board at present.

WBM Data

Mud Type:	PAD mud	Flowline Temp:	Cl:	Low Gravity Solids:	Viscosity	58sec/qt
Sample From:	3	MWD Circ Temp:	Hard/Ca:	High Gravity Solids:	PV	11cp
Time:	1730	Glycol CP Temp:	MBT:	Solids (corrected):	YP	19lb/100ft²
Weight:	9.00ppg	Glycol:	PM:	H2O:	Gels 10s	7
ECD TD:		Nitrates:	PF:	Oil:	Gels 10m	9
ECD Shoe:		Sulphites:	MF:	Sand:	Fann 003	7
ECD Cuttings:		API FL:	pH:	Barite:	Fann 006	9
KCl Equiv:		API Cake:	PHPA Excess:		Fann 100	14
					Fann 200	24
					Fann 300	30
					Fann 600	41

Shakers, Volumes and Losses Data

Engineer : Jay Wan / Kosta Georgiou

Available	1741.3bbl	Losses	374.5bbl	Equip.	Descr.	Mesh Size	Hours
Active	220.0bbl	Downhole					
Mixing		Surf+ Equip	0.0bbl				
Hole	895.8bbl	Dumped	374.5bbl				
Slug		De-Gasser					
Reserve	515.5bbl	De-Sander					
Kill	110.0bbl	De-Silter					
		Centrifuge					

Comment

Formation Tops

Formation	Prognosed		Actual		Diff.	Thickness MD (m)	Pick Criteria
	MDBRT (m)	TVDSS (m)	MDBRT (m)	TVDSS (m)	+ / - TVD (m)		
Torquay Group	95.00	69.00	95.00	69.00	0.00	823.00	Sea floor
Lower Miocene	904.00	878.00	918.00	892.00	-14.00	0.00	GR increase
Seismic Marker							

06:00 Hrs Update

Time:	06:00 Hrs on 12 Oct 2009
Depth:	935m MDRT / 935m TVDRT
Progress Since Midnight (m):	0
Status @ 0600hrs:	Circulating 13 3/8" casing.
Formation:	Torquay Group
Lithology:	No Drilling
ROP:	No Drilling
Gas:	No Drilling

Wellsite Geologist(s)

(Days) - Dennis Archer (Nights) - Brenton Richards