

Trefoil-2

Date : 08 Oct 2009

Geology Report Number : 2

(associated DDR # 8)

Well Details

Depth MDBRT:	245.0m	Rig:	Kan Tan IV	Date:	08 Oct 2009
Depth TVDBRT:	245.0m	Progress:	90.0m	Report Start:	0000
Depth TVDSS:	219.0m	RTE agl:		Report End:	2400
Hole Size:	17.500in	GLE amsl:	0 (m)	Days On Location:	7.13
Hole Size Carbide:		Last Csg Size:	30.000in	Days since Spud:	2.67
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:	Completed lay out of cementing string. Laid out 914 mm (36") bit and BHA. Picked up 445 mm(17-1/2") BHA and RIH. Shallow tested MWD - OK. Drilled out cement. Drilled ahead from 155 mMDRT in 445 mm (17-1/2") hole section.
Forward Plan:	Drill ahead in 445 mm (17-1/2") hole section

General Comments

00:00 TO 24:00 Hrs ON 08 Oct 2009

Operational Comments

Geoservices: 2 Data engineers, 2 mudloggers, 1 technician on board. Data communication networks connected and tested OK. Gas traps installed.
 Sperry: 2 MWD engineers on board. 445 mm (17-1/2") tools: Back up checked OK. Data communications connected and tested OK. Shallow test OK.
 SLB: 1 IT technician on board, completed installing and trouble shooting phones.

Operational Comments

MWD tool distances from bit:
 GR (PCG) 5.62 m
 Directional (PCD) 7.76 m

WBM Data

Mud Type:	PHB Gel	Flowline Temp:	CI:	Low Gravity Solids:	Viscosity	120sec/qt
Sample From:		MWD Circ Temp:	Hard/Ca:	High Gravity Solids:	PV	45cp
Time:		Glycol CP Temp:	MBT:	Solids (corrected):	YP	21lb/100ft ²
Weight:		Glycol:	PM:	H2O:	Gels 10s	
ECD TD:		Nitrates:	PF:	Oil:	Gels 10m	
ECD Shoe:		Sulphites:	MF:	Sand:	Fann 003	13
ECD Cuttings:		API FL:	pH:	Barite:	Fann 006	15
KCl Equiv:		API Cake:	PHPA Excess:		Fann 100	31
					Fann 200	44
					Fann 300	66
					Fann 600	111

Shakers, Volumes and Losses Data

Engineer : Jay Wan / James Munford

Available	1822.2bbl	Losses	92.9bbl	Equip.	Descr.	Mesh Size	Hours
Active	50.0bbl	Downhole					
Mixing		Surf+ Equip	0.0bbl				
Hole	487.2bbl	Dumped	92.9bbl				
Slug		De-Gasser					
Reserve	1285.0bbl	De-Sander					
Kill		De-Silter					
		Centrifuge					

Comment

06:00 Hrs Update

Time:	06:00 Hrs on 09 Oct 2009
Depth:	390/390
Progress Since Midnight (m):	145
Status @ 0600hrs:	Drilling 17.5" hole. Depth at 06:00 hrs 390m.
Formation:	Torquay Group
Lithology:	No returns to surface
ROP:	Ave ROP 35-40 m/hr
Gas:	No returns to surface.

Wellsite Geologist(s)

(Days) - Dennis Archer (Nights) -