

DAILY GEOLOGICAL REPORT

Date:	28 February 2008	Rig:	West Triton
Report Number:	19	Bit Diameter:	311 mm
Report Period:	06:00 - 06:00 Hours	Last Casing:	340mm Surface Casing @ 857.0 mMDRT
Spud Date:	14-Feb-2008 23:00 Hours	LOT:	1.91 sg EMW @ 857.0 mMDRT
Days From Spud:	13.3	Mud Weight:	1.16 sg
Depth @ 0600 Hrs:	1914.0 mMDRT	ECD:	1.21 sg
	-1811.2 mTVDAHD	Mud Type:	KCL Polymer
Lag Depth:	1912.0 mMDRT	Mud Chlorides:	50000.00 mg/L
Last Depth:	1887.0 mMDRT		
Progress:	27.0 m		Normal
Water Depth:	27.0 m	Last Survey:	1890.59 mMDRT
RT:	39.0 m	Deviation:	Inc. 34.34° Az. 324.56°

OPERATIONS SUMMARY

24 HOUR SUMMARY: Continued to drill 311mm directional hole from 1887.0 m to 1900.0 mMDRT, POH, replaced bit and motor sleeve on BHA and RIH, drilled ahead 311mm hole from 1900.0 mMDRT.

NEXT 24 HOURS: Continue to drill directional 311mm hole.

CURRENT OPERATION @ 06:00 HRS (28-Feb-2008): Drilling 311mm directional hole at 1914.0 mMDRT

GEOLOGICAL SUMMARY

LITHOLOGY

INTERVAL: 1885.0 to 1912.0 mMDRT (-1787.3 to -1809.5 mTVDAHD)
ROP (Range): 4.0 to 65.0 m/h
Av. ROP: 14.0 m/h

Interbedded SANDSTONE, SILTSTONE AND CLAYSTONE with CLAYSTONE increasing with depth
SANDSTONE (20 to 50%): off white to pale brown, translucent, dominantly loose, very fine to very coarse, poorly sorted, angular to sub-rounded, minor weak calcareous cement, common pale brown silty matrix where fine grained and locally grading to arenaceous siltstone, occasional coal laminations, dominantly carbonaceous, poor visible porosity, fair inferred porosity.

SILTSTONE (40 to 55%): light grey to medium grey, brownish grey, blocky, moderately hard to hard, very fine grained arenaceous, carbonaceous, micromicaceous, rare Foraminifera and shell fragments

CLAYSTONE (5 to 40%): light bluish grey, green grey, moderately hard to hard, sub-blocky to blocky, rare sub-fissile, siliceous, minor micromicaceous, localised trace carbonaceous material, minor calcareous material, trace nodular pyrite.

GAS SUMMARY

No significant peaks recorded

Background Gas							
INTERVAL (m MDRT)	Total Gas (%)	C1 (ppm)	C2 (ppm)	C3 (ppm)	iC4 (ppm)	nC4 (ppm)	C5 (ppm)
1885.0 - 1912.0	0.003	22	0	0	0	0	0

MUDLOGGING EQUIPMENT / PERSONNEL

Gas system thoroughly checked and reported fully operational

MWD

Schlumberger LWD Tools Run 2 memory 16% full

Sperry Bat Sonic LWD Tool Run 2 memory 26% full

WIRELINING

Dummy ran cable to drill floor to test placement of shieves.

REMARKS

Continued to drill 311mm directional hole from 1887.0 m to 1900.0 mMDRT. Assembly not building inclination quick enough. CBU and pulled wet to 1593.0 mMDRT, hole good. Pumped slug and POH. Laid out Bat Sonic for memory dump, broke off bit and motor sleeve and made up same with new replacements, NB#6. Downloaded RAB8 tool, picked up and made up Bat Sonic with BHA and RIH. Continued to drill ahead deviated 311mm hole to 1914.0 mMDRT.

WELLSITE GEOLOGISTS

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