

DAILY GEOLOGICAL REPORT

Date:	14 April 2008	Rig:	West Triton
Report Number:	8	Bit Diameter:	216 mm
Report Period:	06:00 - 06:00 Hours	Last Casing:	340 mm @ 896.3 mMDRT
Spud Date:	07-Apr-2008 19:30 Hours	FIT:	1.61 sg EMW @ 906.0 mMDRT
Days From Spud:	6.4	Mud Weight:	1.12 sg
Depth @ 0600 Hrs:	1070.0 mMDRT	ECD:	1.21 sg
	-1033.0 mTVDAHD	Mud Type:	KCl Polymer
Lag Depth:	1060.0 mMDRT	Mud Chlorides:	59500.00 mg/L
Last Depth:	906.0 mMDRT	ECD @ TD	1.21 sg
Progress:	164.0 m	Dxc	0.8
Water Depth:	54.1 m	Last Survey:	1038.90 mMDRT
RT:	37.0 m	Deviation:	Inc. 0.67° Az. 285.19°

OPERATIONS SUMMARY

24 HOUR SUMMARY: Pulled out of hole with 311 mm drillout assembly. Picked up 216mm BHA and ran in hole. Drilled ahead 216 mm hole.

NEXT 24 HOURS: Drill 216 mm hole section.

CURRENT OPERATION

06:00 HRS (14-Apr-2008): Drilling 216 mm hole.

GEOLOGICAL SUMMARY

LITHOLOGY

INTERVAL: 906.0 to 1030.0 mMDRT (-869.0 to -993.0 mTVDAHD)
ROP (Range): 4.0 to 131.0 m/h
Av. ROP: 82.0 m/h

CALCAREOUS SILTSTONE and CALCAREOUS CLAYSTONE with minor CALCILUTITE AND CALCARENITE

CALCAREOUS SILTSTONE (Nil to 75%): medium light grey to medium dark grey, commonly speckled coloration with white kaolinitic clay, very argillaceous, locally grades to **CALCAREOUS CLAYSTONE**, local very fine to trace nodular glauconite, occasional very fine quartz, trace lithics, trace foraminifera spines in part, trace nodular pyrite in part, trace calcite specks in part, trace carbonaceous specks in part, soft to hard, sub blocky to blocky.

CALCILUTITE (Nil to 5%): dark yellowish orange, yellowish grey, very light grey, trace very argillaceous, very fine quartz grains in part, calcite grains in part, trace grades to **CALCARENITE**, cryptocrystalline, common foraminifera fragments, firm, sub blocky.

CALCARENITE (Nil to 8%): very light grey, very argillaceous in part, trace quartz grains, calcite grains in part, soft to very hard, sub blocky.

CALCAREOUS CLAYSTONE (Nil to 30%): medium grey, trace medium dark grey, firm, sub blocky to blocky.

CALCAREOUS CLAYSTONE (Nil to 70%): grades from **CALCAREOUS SILTSTONE**, medium light grey to medium dark grey, speckled with white kaolinitic clay, silty, trace very fine glauconite in part, calcite specks in part, soft to moderately hard, sub blocky to blocky.

GAS SUMMARY

Background Gas							
INTERVAL (mMDRT)	Total Gas (%)	C1 (ppm)	C2 (ppm)	C3 (ppm)	iC4 (ppm)	nC4 (ppm)	C5 (ppm)
906.0 - 1030.0	0.02	200	0	0	0	0	0

SAMPLE QUALITY

Good quality

5 to 10 m samples collected, depending on ROP.

MUDLOGGING EQUIPMENT / PERSONNEL

All working properly

MWD

Schlumberger LWD Run 1

Sensor Distances

GR = 10.22 m

RES BIT = 4.55 m

RES RING = 10.58 m

RES SHALLOW BUTTON = 11.05 m

RES MEDIUM BUTTON = 10.93 m

RES DEEP BUTTON = 10.75 m

REMARKS

Pulled out of hole with 311 mm drillout assembly. Picked up 216 mm BHA, ran in hole and drilled ahead.

WELLSITE GEOLOGISTS

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