

**CONFIDENTIAL**

Date:	07 September 2001	Last Casing:	9 5/8" @ 2101 mMDRT
Report Number:	11	FIT:	2.2 sg
Report Period:	00:00-24:00 Hours	Mud Weight:	1.16 sg
Depth @ 24:00 Hours:	2316.0 mMDRT	ECD	1.22 sg
Depth (mTVDR)	2315.9 mTVDR	Mud Type:	KCl-PHPA-glycol
Lag Depth:	2316 mMDRT	Mud Chlorides:	42000 mg/l
Last Depth:	2358.5 mMDRT	Est. Pore Press:	1.03 sg
Progress:	57.5 m	Last Survey Depth:	2082.91 m
Water Depth:	101.2 m LAT	Deviation:	Inc: 1.02°, Az: 4.82°
RT-Sea Level:	25 m	Bit Diameter:	8 1/2"

OPERATIONS SUMMARY

24 HOUR SUMMARY: *Pulled out of hole with core 2 and recovered core (cut 55.0 m, recovered 53.9 m, 98% recovery). Made up 63 m coring assembly and ran in hole. Cut core 3 from 2258.5 to 2316 mMDRT (low ROP and low torque after a connection indicated possible core jam). Aborted coring, circulated hole clean and pulled out of hole with core 3. Recovered core 3 (cut 57.5m, recovered 56.05m, 97.5% recovery).*

NEXT 24 HOURS: *Make up 8 1/2" BHA and run in hole to drill to TD at 2525 +/-.*

CURRENT OPERATION @ 06:00 Hrs 08/09/2001: *Running in hole with 8 1/2" BHA.*

GEOLOGICAL SUMMARY

LITHOLOGY: (from ditch cuttings)

INTERVAL: 2258.5 - 2297m

ROP range: 11 - 60

Av ROP: 20

SANDSTONE interbedded with minor SILTSTONE.

SANDSTONE (80%): colourless, very light grey, clear to translucent, predominantly loose rare friable aggregates, very fine to fine rare medium and trace coarse grained quartz, subangular, moderate sphericity, poorly sorted, trace siliceous and pyritic cement, minor very light grey argillaceous matrix, trace partially altered feldspars, trace carbonaceous detritus trace glauconite, trace red brown lithics, trace dark grey siltstone? Lithics, 15% inferred porosity loose grains (aggregates 5% visual porosity), no fluorescence.

SILTSTONE (20%): dark grey, soft to firm, sub-blocky to sticky, common argillaceous material, minor very fine to grained quartz, trace to minor micro-mica, trace to minor carbonaceous detritus, trace disseminated pyrite, trace partially altered feldspar.

INTERVAL: 2297 - 2316m

ROP range: 3.5 - 42

Av ROP: 17

SANDSTONE interbedded with SILTSTONE.

SANDSTONE (70%): colourless, very light grey, clear to translucent, loose to moderately hard, subangular, poorly sorted, slightly spherical, predominantly very fine grained, abundant fine grained, rare medium grained, trace coarse to very coarse grained quartz, trace very coarse quartz shards, trace siliceous and pyritic cement, common light grey argillaceous matrix associated with aggregates, trace carbonaceous detritus, trace dark grey and red brown lithic fragments, trace partially altered feldspar, 15% inferred porosity (5% visual porosity from aggregates), no fluorescence.

SILTSTONE (30%): as above.

**GAS SUMMARY:****Background Gas**

INTERVAL(mMDRT)	Total GAS (%)	CO ₂ (%)	C1 (%)	C2 (%)	C3 (%)	iC4 (%)	NC4 (%)	C5 (%)
2258.5 - 2297	0.2 – 1.0	0.007 – 0.02	0.19 – 0.9	0.01 – 0.02	0.002 – 0.004	Nil	Nil	Nil
2297 - 2316	0.3 – 0.8	0.013 – 0.02	0.28 – 0.7	0.007 – 0.02	0.002 – 0.004	Nil	Nil	Nil

Trip Gas

DEPTH (mMDRT)	Total GAS (%)	C1 (%)	C2 (%)	C3 (%)	iC4 (%)	nC4 (%)	C5 (%)
Nil							

Connection Gas

DEPTH (mMDRT)	Total GAS (%)	C1 (%)	C2 (%)	C3 (%)	iC4 (%)	nC4 (%)	C5 (%)
Nil							

Peaks

DEPTH (mMDRT)	Total GAS (%)	C1 (%)	C2 (%)	C3 (%)	iC4 (%)	nC4 (%)	C5 (%)
2270	2.12	2.0	0.036	0.01	Nil	Nil	Nil
2280	5.15	5.0	0.09	0.02	Nil	Nil	Nil
2300	3.4	3.2	0.05	0.01	Nil	Nil	Nil
2312	0.8	0.7	0.01	0.004	Nil	Nil	Nil

HYDROCARBON FLUORESCENCE:

Nil

FORMATION PRESSURE ESTIMATION:

Pore pressure normal, no gas cut mud, no cavings.

SAMPLE QUALITY:

Poor – all descriptions from ditch cuttings generated by coring.

MUDLOGGING EQUIPMENT/PERSONNEL:

Ditch cuttings split and packed to 1780 m.

REMARKS:

Total interval cored as 3 runs: 2150.0 – 2316.0m

Total core recovered: 159.82m

Overall core recovery: 96.3%

WELLSITE GEOLOGISTS

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