Output DLIS Files
DEFAULT PI_EMS_LDL_APS_NGS_020LUP FN:3 PRODUCER 15−Jun−2006 02:50

OP System Version: 12C0−301
MCM

DIT−E 12C0−301 DTA−A 12C0−301
EMS−B 12C0−301 HLDS SPC−2602−NUCL
LDSC−B SPC−2602−NUCL APS−C SPC−2602−NUCL
HNGC−B SPC−2602−NUCL HNGS−BA SPC−2602−NUCL
DTC−H 12C0−301

Format: HNGSRatios Vertical Scale: 1:200 Graphics File Created: 15−Jun−2006 02:50

System and Miscellaneous
BS Bit Size 9.875 IN
DFD Drilling Fluid Density 1.26 G/C3

Company:

Well:

Field:

Rig:
Ocean:

Lamont Doherty

KGGH02−A Site 5 Hole E

Krishna Godavairi Basin

Joides Resolution

Indian Ocean

Natural Gamma Ray

Parameters

DLIS Name Description Value
DIT−E: Dual Induction − E
BHS Borehole Status OPEN
GCSE Generalized Caliper Selection LCAL
EMS−B: Environment Measurement Sonde
BHS Borehole Status OPEN
GCSE Generalized Caliper Selection LCAL
APS−C: Accelerator−Porosity Tool
BHS Borehole Status OPEN
GCSE Generalized Caliper Selection LCAL
HNGS−BA: Hostile Natural Gamma Ray Sonde
BAR1 HNGS Detector 1 Barite Constant 1
BAR2 HNGS Detector 2 Barite Constant 1
BHK HNGS Borehole Potassium Correction Concentration 0
BHS Borehole Status OPEN
CSD1 Inner Casing Outer Diameter 0 IN
CSD2 Outer Casing Outer Diameter 0 IN
CSW1 Inner Casing Weight 0 LB/F
CSW2 Outer Casing Weight 0 LB/F
DBCC HNGS Barite Constant Correction Flag NONE
GCSE Generalized Caliper Selection LCAL
H1P HNGS Detector 1 Allow/Disallow In Processing ALLOW
H2P HNGS Detector 2 Allow/Disallow In Processing ALLOW
HABK HNGS Borehole Potassium Running Average −0.00905658
HALF HNGS Alpha Filter Length 60 IN
HCRB HNGS Apply Borehole Potassium Correction NONE
HMWM Mud Weighting Material BARI
HNPE HNGS Processing Enable YES
S1BI HNGS Detector 1 Calibration Bismuth Count Rate 1.3 CPS
S2BI HNGS Detector 2 Calibration Bismuth Count Rate 1.3 CPS
SGRC HNGS Standard Gamma−Ray Correction Flag YES
TPOS Tool Position ECCE
VBA1 HNGS Detector 1 Variable Barite Factor Running Average 1.145
VBA2 HNGS Detector 2 Variable Barite Factor Running Average 0.918862

HNGS Potassium (HFK)
−0.05 (V/V) 0.05

HNGS Uranium (HURA)
−5 (PPM) 15

HNGS Thorium (HTHO)
−20 (PPM) 20

HNGS Thorium / Uranium Ratio (HTUR)
0.01 (−−−−) 100

HNGS Thorium / Potassium Ratio
(HTPR)
0.1 (−−−−) 1000

HNGS Computed Gamma Ray (HCGR)
0 (GAPI) 100

HNGS Spectroscopy Gamma Ray
(HSGR)
0 (GAPI) 100

Tension
(TENS)
(LBF)
10000 0

Area1
From HCGR to HSGR

Area2
From HTHO to HFK

PIP SUMMARY

Time Mark Every 60 S

1150

Total Depth

HFK

HURA

HTHO

HTUR

HTPR

HCGR

HSGR

1125

TENS

FR HNGS

1100

1075

1050

HFK

HURA

HTHO

HTUR

HTPR

HCGR

HSGR

TENS

1025

1000

Drill Pipe

975

950

Sea Floor

925

HNGS Potassium (HFK)
−0.05 (V/V) 0.05

HNGS Uranium (HURA)
−5 (PPM) 15

HNGS Thorium (HTHO)
−20 (PPM) 20

HNGS Thorium / Uranium Ratio (HTUR)
0.01 (−−−−) 100

HNGS Thorium / Potassium Ratio
(HTPR)
0.1 (−−−−) 1000

HNGS Computed Gamma Ray (HCGR)
0 (GAPI) 100

HNGS Spectroscopy Gamma Ray
(HSGR)
0 (GAPI) 100

Tension
(TENS)
(LBF)
10000 0

Area1
From HCGR to HSGR

Area2
From HTHO to HFK

Last Reading

Changed Parameter Summary

DLIS Name New Value Previous Value Depth & Time
GCSE BS LCAL 1046.2 03:19:40

OP System Version: 12C0−301
MCM

DIT−E 12C0−301 DTA−A 12C0−301
EMS−B 12C0−301 HLDS SPC−2602−NUCL
LDSC−B SPC−2602−NUCL APS−C SPC−2602−NUCL
HNGC−B SPC−2602−NUCL HNGS−BA SPC−2602−NUCL
DTC−H 12C0−301

Output DLIS Files
DEFAULT PI_EMS_LDL_APS_NGS_020LUP FN:3 PRODUCER 15−Jun−2006 02:50 1154.4 M 901.9 M

Company: Lamont Doherty Well: KGGH02−A Site 5 Hole E

PIP SUMMARY

Time Mark Every 60 S

MAXIS Field Log

Main Up Log

1013.0 6.500 Casing Shoe

955.1 9.875 Borehole Segment

1155.1 9.875 Borehole Segment Bottom

0.0 6.500 Casing String

ALL LENGTHS IN METERS

MEASUREMENTS RELATIVE TO TOOL ZERO

MAXIMUM STRING DIAMETER 3.88 IN

TOOL ZERO

Tension 0.00

Status Cartridge HV

MD

Production String Well Schematic Casing String OD ID MD OD ID

(in) (ft) (ft) (in)

Mean Sea Level 0.0

Derrick Floor Elevation 11.0

Kelly Bushing Elevation 11.3

DIT−E 9.52
DIC−EB 438
MIH−ZA 417
DIS−HB 442

DTA−A 10.74
ECH−KE

EMS−B 13.18
EMA−B 8104
RES
EMC−B 8116
ECH−KH 882

HLDS 18.00
GSR−Z 2326
HLDV−D 35
HLDS−D 45
HEH−H 35
HLDP−C 45

LDSC−B 19.07
LDSH−A 333

AH−190 19.37

DF

Med Ind 1.83

Aux Meas SFL 1.98

Deep Ind 2.90

SP 3.15

Mud Tempe 12.76

Mud Resis 13.00

SS LS Status 13.94

Caliper

LDSC Stat 18.53

DOWNHOLE EQUIPMENT

APS−C 23.32
APH−AC 22
APS−C 22
MNTR−F 4185

ILE−D 25.75
ILE−D

AH−191 26.06

HNGC−B 27.13
HNGH−A 115

HNGS−BA 29.63
HNGS−BA 194
HNSH−BA 205

DTC−H 30.54
ECH−KC 9841

LEH−QT 31.43
LEH−QT 1726

Far TD 20.57

Far 20.67

Far Arr 20.79

Near 20.87

Near Arr

Near TD

Minitron

Status

HNGC Stat 26.59

Lower_2 28.71

Upper_1 28.92

ToolStatu 29.63

TelStatus

CTEM 30.26

RUN 1 RUN 2

10.5 ppg mud with Barite used to fill hole.

Down log performed with EMS tool.

All depths in Meters Below Rig Floor (MBRF)..

Tool sat down at bottom of drill pipe.

LOGGED INTERVAL START STOP LOGGED INTERVAL START STOP

FLUID LEVEL: FLUID LEVEL:

PROGRAM VERSION: 12C0−301 PROGRAM VERSION:

SERVICE ORDER #: SERVICE ORDER #:

RUN 1 RUN 2

EQUIPMENT DESCRIPTION

SURFACE EQUIPMENT
SFT−281 6250
SFT−178 6250
GSR−U 135
WITM (DTS)−A

Tool ran as per tool sketch below.

All parameters and presentations as per IODP standards

REMARKS: RUN NUMBER 1 REMARKS: RUN NUMBER 2

OS5: OS5:

OS4: OS4:

OS3: DSI OS3:

OS2: FMS OS2:

OS1: VSI OS1:

OTHER SERVICES1 OTHER SERVICES2

DISCLAIMER
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Run 2 Run 3 Run 4

@

@

@

@

@

@

@

Run 1

@

@

@

@

@

Witnessed By

Recorded By

Location Unit Number

Time Logger On Bottom

Time Circulation Stopped

Maximum Recorded Temperatures

RMF @ MRT RM @ MRT

RMC Source RMF

RMC @ Measured Temperature

RMF @ Measured Temperature

RM @ Measured Temperature

Source Of Sample

PH Fluid Loss

Viscosity Density

MUD

Type Fluid In Hole

Bit Size

Casing Schlumberger

Casing Driller Size @ Depth

Top Log Interval

Bottom Log Interval

Schlumberger Depth

Depth Driller

Run Number

Logging Date

@

@

@

@

@

11 m D.F.

−955.1 m G.L.

11.3 m
above Perm. Datum

K.B.

16 01.721 N

Latitude

82 02.6773 E

Longitude

0 m

Indian Ocean

@

Gilles Guerin

Steve Kittredge

Webster, TX 2082
see log 15−Jun−2006

16:00 15−Jun−2006

7 degC

7

@ 7

@ 0.281
@ 0.000 ohm.m

@ 0.000 ohm.m
23 degC

@ 0.177 ohm.m

Pit

0 cm3
1.26 g/cm3

SepioLite/Barite

9.875 in

1013 m

1013 m

@ 0.000 in

912 m

1152 m

1154 m

1155.1 m

One

15−June−2006

Witnessed By

Recorded By

Location Unit Number

Time Logger On Bottom

Time Circulation Stopped

Maximum Recorded Temperatures

RMF @ MRT RM @ MRT

RMC Source RMF

RMC @ Measured Temperature

RMF @ Measured Temperature

RM @ Measured Temperature

Source Of Sample

PH Fluid Loss

Viscosity Density

MUD

Type Fluid In Hole

Bit Size

Casing Schlumberger

Casing Driller Size @ Depth

Top Log Interval

Bottom Log Interval

Schlumberger Depth

Depth Driller

Run Number

Logging Date

Rig Floor Drilling Measured From:
11.0 m Rig Floor Log Measured From:

Max. Hole Devi.
Elev.: Mean Sea Level Permanent Datum:

Elev.:

API Serial No.

Rig:

Field:

Location:

Well:

Company:

Joides Resolution

Krishna Godavairi Basin

Rig− Joides Resolution

KGGH02−A Site 5 Hole E

Lamont Doherty
LOCATION

Rig− Joides Resolution

Natural Gamma Ray

Joides Resolution

Krishna Godavairi Basin

KGGH02

−A Site 5 Hole E

Lamont Doherty
Ocean: Rig:

Field:

Well:
Company: