Company: **LAMONT − DOHERTY**

Well: **GDGH05−A Site 3 Hole A**

Field: **Krishna Godavari Basin**

Rig: **JOIDES Resolution** Country: **India**

Schlumberger

9.875in Section

GeoVISION − Dynamic Image
1:200 Measured Depth
Recorded Mode Log

Rig: JOIDES Resolution
Field: Krishna Godavari Basin
Location: Offshore Tamil Nadu
Well: GDGH05−A Site 3 Hole A
Company: LAMONT − DOHERTY

Location
Total depth: 1392.0 m
Spud date: 22−May−06
Runs: 1 To 1

Elevation	
K.B.	Top Drive
G.L.	−1087.0 m
D.F.	11.0 m

Permanent datum: Mean Sea Level Elev.: 0.0 m
Log measured from: Rotary Table 11.0 m above Perm. datum
Depth reference: Driller's Depth

Service Order no. 06INM0043
WGS84 Zone 44 X = 596287m
Longitude E 81° 53.968
Latitude N 15° 53.891

Depth logged: 1087.0 m To 1389.0 m
Date logged: 22−May−06To 23−May−06
Mag decl: −1.32 deg.
Mag dip: 18.93 deg.
Other services: SonicVISION

Bore hole record			Casing record			
Hole size	from	to	Size	Density	from	to
9.875 in.	1092.0 m	1392.0 m				

Mud record			Borehole deviation record			
Type	from	to	Min	Max	from	to
Sea Water	1092.0 m	1392.0 m				

Surface equipment		Software record	
Unit	OLU−J−N844−1/02	IDEAL Wis	ID10_2C_01
Depth system	PDA	SPM	hspm10_1c_05
		LWD	GVR V6.2B Sonic V6.4_B10 DVD V11.0
		MWD	PUP V90C00

DISCLAIMER
THE USE OF AND RELIANCE UPON THIS RECORDED−DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED−DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED−DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED−DATA.

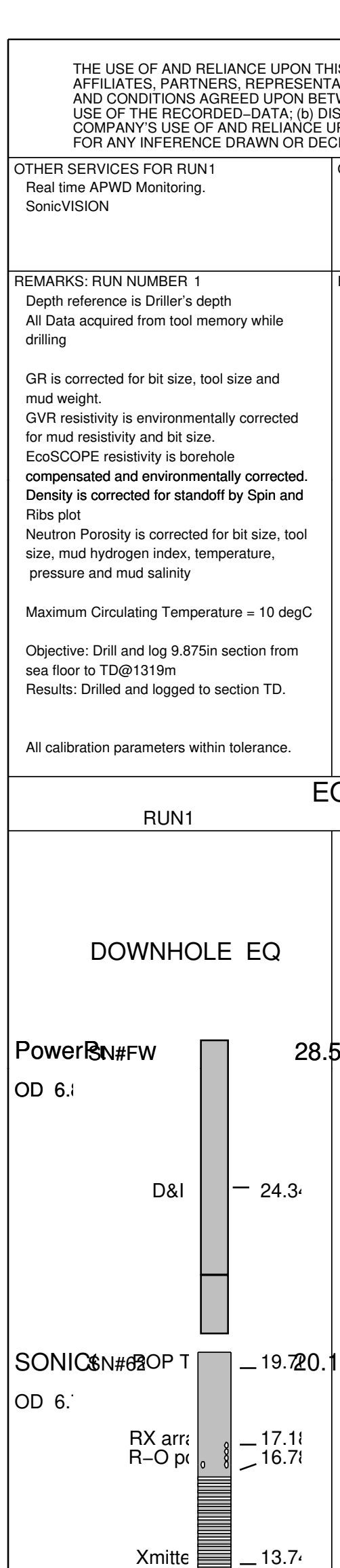
OTHER SERVICES FOR RUN1	OTHER SERVICES FOR RUN	OTHER SERVICES FOR RUN
Real time APWD Monitoring. SonicVISION		

REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER	REMARKS: RUN NUMBER
Depth reference is Driller's depth All Data acquired from tool memory while drilling GR is corrected for bit size, tool size and mud weight. GVR resistivity is environmentally corrected for mud resistivity and bit size. EcoSCOPE resistivity is borehole compensated and environmentally corrected. Density is corrected for standoff by Spin and Ribs plot Neutron Porosity is corrected for bit size, tool size, mud hydrogen index, temperature, pressure and mud salinity Maximum Circulating Temperature = 10 degC Objective: Drill and log 9.875in section from sea floor to TD@1319m Results: Drilled and logged to section TD. All calibration parameters within tolerance.		

EQUIPMENT DESCRIPTION

RUN1 RUN RUN

DOWNHOLE EQ



Maximum string diame
All lengths in I

Bit Run Summary

Run number		1									
Bit size	in	9.875									
Bit start depth	m	1087									
Bit end depth	m	1392									
Top interval logged	m	1087									
Bottom interval logged	m	1389									
Begin log: time		9:50									
Begin log: date		22−May−06									
End log: time		01:00									
End log: date		23−May−06									
Mud data											
Depth	m	1100									
Type		Sea Water									
Mud weight	ppg	8.665									
Solids	%	0									
Chlorides	ppm	26000									
Rm	ohmm@degC	0.214@27.9									
Rmf	ohmm@degC	0.214@27.9									
Rmc	ohmm@degC	N/A									
Potassium	%	0									
Environmental data											
GR											
Mud weight	ppg	8.665									
Bit size	in	9.875									
Resistivity											
Neutron porosity											
Hole Size	in	9.875									
Mud weight	ppg	8.665									
Temperature	degC	10									
Mud salinity	ppk	26									
Formation salinity	ppk	N/A									
Recording rate 1	SEC	Res @ 2	Nuclear@4								
Recording rate 2	SEC	GVR @ 5									
Filtering GR		3 pts									
Filtering density		3 pts									
Filtering Neutron		3 pts									
Company representative		Stefan M.	Alberto	Ann							
Schlumberger D&M Personnel		Inetimi I.	Abhijeet N.	Ritesh S.	Shivek R.						

Variable Name	Variable Description	Run Name & Value	English Units
Run Number		1	
General Information			
BHT_RM	Bottom Hole Temperature (RM)	50.000000	
BSAL_RM	Mud Salinity (RM)	26.000000	
BS_RM	Bit Size (RM)	9.875000	
COEF_M	User Defined FEXP in Clean Sand	1.650000	
C_WS	Overpressure correction to Sw and M	1.000000	
FEXP	Formation Factor Exponent(RM)	2.000000	
FNUM	Formation Factor Enumerator(RM)	1.000000	
FPHI_RM	Formation Factor Porosity Source (RM)	XPLOT	
MST_RM	Mud Sample temperature (RM)	82.219971	
MW_RM	Mud Weight (RM)	8.660000	
OBMF_RM	Oil Based Mud (RM)	NO	
RHOF_RM	Mud Filtrate Density (RM)	1.000000	
RHOM_RM	Matrix density (RM)	2.710000	
RMS_RM	Resistivity of Mud Sample (RM)	0.214000	
RWA_COMP_M	Rwa computation model	BASIC	
RWA_DEN_AD	Rwa Density Input ADN	RHOB	
RWA_DEN_CD	Rwa Density Input CDN	RHOB	
RWA_DEN_IN	Rwa Density Input	RHOB	
RWA_FORM_M	Rwa computation formation model	CARBONATE	
RWA_RES_IN	Rwa computation resistivity input	P34H	
RWS_RM	Resistivity of Connate Water (RM)	1.000000	
SHT_RM	Surface Hole Temperature (RM)	1.400038	
TD_RM	Total Measured Depth (RM)	4566.928711	
TWS_RM	Temperature of Connate Water (RM)	75.000000	
VF_ILLI	Fraction of illite in shales	0.500000	
VF_KAOL	Fraction of kaolinite in shales	0.500000	
VF_MONT	Fraction of montmorillonite in shales	0.000000	
XPDM_RM	Cross plot density porosity multiplier	0.675000	
XPNM_RM	Cross plot neutron porosity multiplier	0.325000	
RAB			
LWD_RM/STATION_FILE/PARAMETER	Station Time−frame file name	Station	
RAB/BTN_SLV_SIZE/PARAMETER	RAB: Button Sleeve Diameter	RAB6:	
RAB/STAB_SIZE/PARAMETER	RAB: Stabilizer Diameter	RAB6:	
BDBHCA	RAB: Button Deep Borehole A Factor	−0.024393	
BDBHCB	RAB: Button Deep Borehole B Factor	0.000000	
BHA_COEF_V	RAB: BHA Coef Generator Version	62011.000000	
BITBHCA	RAB: Bit A Borehole Factor	0.086562	
BITBHCB	RAB: Bit B Borehole Factor	0.000000	
BIT_K_FACT	RAB: Bit K Factor	3.741030	
BMBHCA	RAB: Button Medium Borehole A Factor	0.041775	
BMBHCB	RAB: Button Medium Borehole B Factor	0.000000	
BSBHCA	RAB: Button Shallow Borehole A Factor	0.074876	
BSBHCB	RAB: Button Shallow Borehole B Factor	0.000000	
BUT_KIMP_A	RAB: Button Impedance Coeff A	0.000000	
BUT_KIMP_B	RAB: Button Impedance Coeff B	0.000000	
DBUTTON_K_	RAB: Button Deep K factor	0.004540	
DHS_VERSIO	RAB: DownHole Software Version	6.200100	
GR_BHC_TOO	RAB: Gamma−Ray Borehole Coeff 1	6.750000	
HI_CSDEPTH	RAB: Allow Hi−Resolution CS_DEPTH Image Data Output	NO	
HI_DLIS_OU	RAB: Allow Hi−Resolution DLIS Image Data Output	NO	
HI_RIVER_O	RAB: Allow Hi−Resolution River for Image Data Output	NO	
IMAGE_MAX_	RAB: GR Image Maximum Scale Value	120.000000	
IMAGE_MAX_	RAB: Image Maximum Resistivity Value	100.000000	
IMAGE_MIN_	RAB: GR Image Minimum Scale Value	20.000000	
IMAGE_MIN_	RAB: Image Minimum Resistivity Value	1.000000	
JSD_RAB	RAB Acquisition start date	1.000000	
MAG_DECL_R	RAB: Magnetic Declination	−1.319980	
MAG_INCL_R	RAB: Magnetic Dip	18.930010	
MBUTTON_K_	RAB: Button Medium K Factor	0.004809	
OBM	RAB: Oil base Mud	NO	
ORIENTATIO	Rab Image Orientation	NORTH	
RABBDA0	RAB: Button Deep A0 Coeff	−0.043394	
RABBDA1	RAB: Button Deep A1 Coeff	0.025723	
RABBDA2	RAB: Button Deep A2 Coeff	−0.006998	
RABBDA3	RAB: Button Deep A3 Coeff	0.000807	
RABBDA4	RAB: Button Deep A4 Coeff	−0.000032	
RABBDA5	RAB: Button Deep A5 Coeff	0.000000	
RABBDMIN	RAB: Button Deep Minimum Value	0.050462	
RABBITA0	RAB: Bit A0 Coeff	0.505326	
RABBITA1	RAB: Bit A1 Coeff	−0.367938	
RABBITA2	RAB: Bit A2 Coeff	0.168634	
RABBITA3	RAB: Bit A3 Coeff	−0.034570	
RABBITA4	RAB: Bit A4 Coeff	0.002581	
RABBITA5	RAB: Bit A5 Coeff	0.000000	
RABBITMIN	RAB: Bit Minimum Value	19.430000	
RABBMA0	RAB: Button Medium A0 Coeff	−0.057041	
RABBMA1	RAB: Button Medium A1 Coeff	0.033469	
RABBMA2	RAB: Button Medium A2 Coeff	−0.009030	
RABBMA3	RAB: Button Medium A3 Coeff	0.001030	
RABBMA4	RAB: Button Medium A4 Coeff	−0.000041	
RABBMA5	RAB: Button Medium A5 Coeff	0.000000	
RABBMMIN	RAB: Button Medium Minimum Value	0.056471	
RABBSA0	RAB: Button Shallow A0 Coeff	−0.072030	
RABBSA1	RAB: Button Shallow A1 Coeff	0.038610	
RABBSA2	RAB: Button Shallow A2 Coeff	−0.009805	
RABBSA3	RAB: Button Shallow A3 Coeff	0.001067	
RABBSA4	RAB: Button Shallow A4 Coeff	−0.000041	
RABBSA5	RAB: Button Shallow A5 Coeff	0.000000	
RABBSMIN	RAB: Button Shallow Minimum Value	0.078512	
RABDHS	RAB Down Hole Software	4.000000	
RABEC	RAB: Resistivity Env−Cor	YES	
RABRNGA0	RAB: RING A0 Coeff	−0.037998	
RABRNGA1	RAB: RING A1 Coeff	0.023666	
RABRNGA2	RAB: RING A2 Coeff	−0.006599	
RABRNGA3	RAB: RING A3 Coeff	0.000774	
RABRNGA4	RAB: RING A4 Coeff	−0.000032	
RABRNGA5	RAB: RING A5 Coeff	0.000000	
RABRNGMIN	RAB: Ring Minimum Value	1.595930	
RAB_BIT_EC	Bit Resistivity for ECAL_RAB?	YES	
RAB_BIT_IN	Input Bit Resistivity for Inversion? (Recommended at the bit)	YES	
RAB_CALIPE	Compute ECAL_RAB?	YES	
RAB_DEEPBT	Deep Button Resistivity for ECAL_RAB?	YES	
RAB_DEEPBT	Input Deep Button Resistivity for Inversion?	YES	
RAB_INVERS	Perform Rt Inversion?	NO	
RAB_INVERS	RAB Bit Sensor Weight for Inversion[0,1]	1.000000	
RAB_INVERS	Ending Depth for GR Cutoff in Zone1 (default through the whole well)	100000.000000	
RAB_INVERS	Continuity Multiplier[0,1]	0.500000	
RAB_INVERS	RAB Deep Button Sensor Weight for Inversion[0,1]	1.000000	
RAB_INVERS	RAB inversion for Dh?	YES	
RAB_INVERS	RAB inversion for Di?	YES	
RAB_INVERS	GR Cutoff for Shale Formation	75.000000	
RAB_INVERS	GR Cutoff for Shale Formation in Zone1(default through the whole well)	75.000000	
RAB_INVERS	GR Cutoff in Zone10	75.000000	
RAB_INVERS	GR Cutoff in Zone2	75.000000	
RAB_INVERS	GR Cutoff in Zone3	75.000000	
RAB_INVERS	GR Cutoff in Zone4	75.000000	
RAB_INVERS	GR Cutoff in Zone5	75.000000	
RAB_INVERS	GR Cutoff in Zone6	75.000000	
RAB_INVERS	GR Cutoff in Zone7	75.000000	
RAB_INVERS	GR Cutoff in Zone8	75.000000	
RAB_INVERS	GR Cutoff in Zone9	75.000000	
RAB_INVERS	RAB Medium Button Sensor Weight for Inversion[0,1]	1.000000	
RAB_INVERS	Resistivity Cutoff for Shale Formation	2.000000	
RAB_INVERS	Resistive Invasion Allowed	NO	
RAB_INVERS	RAB Ring Sensor Weight for Inversion[0,1]	1.000000	
RAB_INVERS	RAB inversion for Rmud?	NO	
RAB_INVERS	RAB inversion for Rt?	YES	
RAB_INVERS	Rt to R−deepest separation penalty multiplier[0,1]	0.500000	
RAB_INVERS	RAB inversion for Rxo?	YES	
RAB_INVERS	RAB Shallow Button Sensor Weight for Inversion[0,1]	1.000000	
RAB_INVERS	Inversion Threshold[0, 0.3]	0.010000	
RAB_INVERS	Formation Water Resistivity	0.100000	
RAB_INVERS	Formation Water Temperature	150.000000	
RAB_MEDIUM	Medium Button Resistivity for ECAL_RAB?	YES	
RAB_MEDIUM	Input Medium Button Resistivity for Inversion?	YES	
RAB_QUAD	RAB: Process Quadrant data ?	YES	
RAB_RIGMOD	Bit on Bottom?	YES	
RAB_RING_E	Ring Resistivity for ECAL_RAB?	YES	
RAB_RING_I	Input RING Resistivity for Inversion?	YES	
RAB_SHALLO	Shallow Button Resistivity for ECAL_RAB?	YES	
RAB_SHALLO	Input Shallow Button Resistivity for Inversion?	YES	
RAB_TAB	RAB: Compute TAB ?	YES	
RAB_TECHLO	RAB: Generate Techlog ?	YES	
RAB_TEMP_S	RAB Temperature Selection	MEASURED	
RAB_TICKS	RAB: Generate Ticks ?	YES	
READOUT_PO	RAB: ROP to Bit Face Distance	8.169291	
RINGBHCA	RAB: Ring Borehole A Factor	0.299659	
RINGBHCB	RAB: Ring Borehole B Factor	0.000000	
RING_KIMP_	RAB: Ring Impedance Coeff A	0.000000	
RING_KIMP_	RAB: Ring Impedance Coeff B	0.000000	
RING_K_FAC	RAB: Ring K Factor	0.151399	
SBUTTON_K_	RAB: Button Shallow K Factor	0.006535	
SCALE_IMAG	RAB: Process Image Data	YES	
STAB	RAB: Run with Stabilizer	YES	
TFF_OFFSET	RAB Time−Frame File Time Offset	0.000000	
TIMEFRAME_	RAB: Time Frame File Name	0.000000	
TOOLTYPE	RAB: Azimuthal Tool	YES	
TS_VERSION	RAB: ToolScope Software Version	0.000000	
VRAB6	Rab Tool type (ENP/PILOT)	RAB6_C_SERIES	
WIN_SIZE_D	RAB: Window Size for Scaling Dynamic Image	3.000000	
DVD			
−−−−−−−−−−	−−−−−−−−−−−−Density Parameter−−−−−−−−−−−−−−−−	−−−−−−−−−−−−Density	
−−−−−−−−−−	−−−−−−−−−−−−Neutron Parameter−−−−−−−−−−−−−−−−	−−−−−−−−−−−−Neutron	
−−−−−−−−−−	−−−−−−−−−Interpretation Parameter−−−−−−−−−−−	−−−−−−−−−Interpretation	
−−−−−−−−−−	−−−−−−−−−Sigma Parameter−−−−−−−−−−−	−−−−−−−−−Sigma	
A12A	ARC Air Cal Attenuation From T1 at 2 MHz	8.231560	
A14A	ARC Air Cal Attenuation From T1 at 400 KHz	8.289690	
A22A	ARC Air Cal Attenuation From T2 at 2 MHz	6.180950	
A24A	ARC Air Cal Attenuation From T2 at 400 KHz	6.148650	
A32A	ARC Air Cal Attenuation From T3 at 2 MHz	4.832750	
A34A	ARC Air Cal Attenuation From T3 at 400 KHz	4.884170	
A42A	ARC Air Cal Attenuation From T4 at 2 MHz	4.587220	
A44A	ARC Air Cal Attenuation From T4 at 400 KHz	4.539020	
A52A	ARC Air Cal Attenuation From T5 at 2 MHz	3.392490	
A54A	ARC Air Cal Attenuation From T5 at 400 KHz	3.445380	
ABNT	Abnormal Transmitter Indicator	No_Tx_Failed	
ALPHA_DEN_	Density Enhanced Vertical Resolution Processing Switch	YES	
ANISO_COMP	Anisotropy Computation Option	YES	
ATMP_ARC	ARC Select Temperature Channel	Annulus_Temp	
AZMF	Formation DIP Azimuth	0.000000	
BH_COMPUTE	Borehole Inversion Computation Option	YES	
CALG	DVDM Gamma Ray Cal Gain Factor	−1.000000	
CDPTH_ARC	Process Start Depth	100.000000	
DEVI	Well Section Deviation	0.100000	
DIELEC_COM	Dielectric Computation Option	YES	
DIPF	Formation DIP Angle	0.000000	
DVDMDHS	DVDM Down Hole Software Version	0.000000	
DYN_IMAGE_	Generate Dynamic Normalized Image?	YES	
EDPTH	Wizard Process Stop Depth	50000	
EN_WIZARD	Enable ARC Wizard Processing	NO	
ERRCT	Percentage Error Cutoff	4.500000	
EVRL	EVR Process averaging number of samples (RM)	49	
FWVN	Firmware Version Number	1.100000	
GCSE	Generalized Caliper Selection	BS	
GRBC	RM: DVDM Gamma Ray Blanket (CPS)	75.000000	
GRSH	GR Shale (Invasion Computation Cutoff)	1000.000000	
GR_CF	Gamma Ray Correction Factor	2.250000	
HIGH_BLEND	High Resistivity Threshold for Blending	2.000000	
IDQT	Image Derived Quality Threshold	2.000000	
IMAGE_MAX_	Image Density Caliper Right Scale	8.000000	
IMAGE_MAX_	Image Density Quality Right Scale	1.000000	
IMAGE_MAX_	Image PEF(Segment) Right Scale	6.000000	
IMAGE_MAX_	Image RHOB(Segment) Right Scale	2.650000	
IMAGE_MIN_	Image Density Caliper Left Scale	2.000000	
IMAGE_MIN_	Image Density Quality Left Scale	0.000000	
IMAGE_MIN_	Image PEF(Segment) Left Scale	2.000000	
IMAGE_MIN_	Image RHOB(Segment) Left Scale	2.050000	
IMAGE_ORIE	Image Orientation Options, e.g. Top of Hole or True North	TOH	
INCLIN_B0	ARC Bias Constant (mg)	0.000000	
INCLIN_B1	ARC Bias First−order Coefficient (mg/degC)	0.000000	
INCLIN_B2	ARC Bias Secod−order Coeeficient (mg/degC)	0.000000	
INCLIN_B3	ARC Bias Third−order Coeeficient (mg/degC)	0.000000	
INCLIN_C0	ARC Current Scale Factor Constant (mA/g)	1.000000	
INCLIN_C1	ARC Scale First−order Coeeficient (mA/g/degC)	0.000000	
INCLIN_C2	ARC Scale Second−order Coeeficient (mA/g/degC)	0.000000	
INCLIN_C3	ARC Scale Third−order Coeeficient (mA/g/degC)	0.000000	
INVAS_COMP	Invasion Computation Option	YES	
JSD	Acquisition start date	YES	
JSD_ARC	ARC Acquisition start date	YES	
LOW_BLEND	Low Resistivity Threshold for Blending	1.000000	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MSWS	ARC Wizard Model Switch Window	5.000000	
MULTIEFFEC	Multi Effect Option	YES	
NEU_DCOR_O	Density Correction Source for Neutron Processing	Bottom	
NEU_FTUBE_	Far Thermal Tube Selection	Both	
NTIK_SEL	Neutron Tick Channel Name	FAZ1	
OACF	O2 Activation Correction Factor (RM)	0.000000	
P12A	ARC Air Cal Phase−Shift From T1 at 2 MHz	2.472670	
P14A	ARC Air Cal Phase−Shift From T1 at 400 KHz	−0.535700	
P22A	ARC Air Cal Phase−Shift From T2 at 2 MHz	−2.538020	
P24A	ARC Air Cal Phase−Shift From T2 at 400 KHz	0.538316	
P32A	ARC Air Cal Phase−Shift From T3 at 2 MHz	2.412610	
P34A	ARC Air Cal Phase−Shift From T3 at 400 KHz	−0.538400	
P42A	ARC Air Cal Phase−Shift From T4 at 2 MHz	−2.561370	
P44A	ARC Air Cal Phase−Shift From T4 at 400 KHz	0.492402	
P52A	ARC Air Cal Phase−Shift From T5 at 2 MHz	2.441200	
P54A	ARC Air Cal Phase−Shift From T5 at 400 KHz	−0.509005	
PMUD	Potassium Concentration in Mud	0.000000	
POFFSET	Pressure Offset	0.000000	
PRTD	Preferred Resistivity Log for Rt Display while Multi−Effects	P34B	
PSOF_ADJ_T	ARC: User Input Phase offset	0.000000	
RESTIK	ARC resistivity tick source	Phase	
SDPTH	Wizard Process Start Depth	100	
SIG_PCOR_O	Porosity Correction Source for Sigma Processing	Best	
SPEC_CSG_D	Casing Depth for Spectroscopy Processing	100.000000	
SPL_CLAY_M	SpectroLith Clay Model	ARENITE	
SPL_COAL_O	SpectroLith Coal Processing Option	NONE	
SPL_SULFUR	SpectroLith Sulfur Mineral Option	ANHYDRITE	
STAB_SIZE	Stabilizer Size	9.125000	
STOH	Density Top of Hole Sector (Left Boundary)	SECTOR_0	
TRNO	Tool Run Number	4566.928711	
TSIZ_ARC	ARC Tool Size	6.900000	
TSNO	Tool Serial Number	778.000000	
UNIFORM_CO	Uniform Rock Option	YES	
VERS_ARC	ARC Down hole software version Number	1.100000	
WRK	Way to Report Potassium Concentration	K_by_Wgt_%	
WSDI	Window Size of Dynamic Normalization Image	15.000000	

Schlumberger Drilling & Measurements Parameter Insert Header Software version 2.0c

Output DLIS Files

Type:DEFAULT File ID:LWD_021PDP FN:20 23−May−2006 08:10 PRODUCER

IDEAL Version: ID10_2C_01.1SV

IDEAL

RAB6−CA id10_2c_01

Format: LDEO_RABRESBDDYNImage Vertical Scale: 1:200 Graphics File Created: 23−May−2006 08:10

Parameters

DLIS Name	Description	Value	
		RAB6−CA: 6.75−in. Resistivity At−the−Bit	
	LWD RM: Default file extension	BIN_DB	
	LWD RM: Default directory	D:\users\ideal\fm\Clients\LDEO\GDGH05−A\LWD001\	
	LWD RM: Depth file name	DEPTH_edited	
	RAB: Stabilizer Diameter	RAB6: 9.25−9.50 IN	
	LWD RM: Flush depth streams?	YES	
	LWD RM: Generate techlog only?	0	−−−−
	LWD RM: Log direction	DOWN	
	Station Time−frame file name	NULL	
	RAB: Button Sleeve Diameter	RAB6: 8 1/8 IN	
BDBHCA	RAB: Button Deep Borehole A Factor	−0.0243925	−−−−
BDBHCB	RAB: Button Deep Borehole B Factor	0	−−−−
BHA_COEF_VER	RAB: BHA Coef Generator Version	62011	−−−−
BITBHCA	RAB: Bit A Borehole Factor	0.0865624	−−−−
BITBHCB	RAB: Bit B Borehole Factor	0	−−−−
BIT_K_FACTOR	RAB: Bit K Factor	3.74103	−−−−
BMBHCA	RAB: Button Medium Borehole A Factor	0.0417745	−−−−
BMBHCB	RAB: Button Medium Borehole B Factor	0	−−−−
BSBHCA	RAB: Button Shallow Borehole A Factor	0.0748757	−−−−
BSBHCB	RAB: Button Shallow Borehole B Factor	0	−−−−
BS_RM	Bit Size (RM)	9.875	IN
BUT_KIMP_A	RAB: Button Impedance Coeff A	0	−−−−
BUT_KIMP_B	RAB: Button Impedance Coeff B	0	−−−−
DBUTTON_K_FACTOR	RAB: Button Deep K factor	0.00454029	−−−−
DHS_VERSION	RAB: DownHole Software Version	6.2001	−−−−
DIPR	magnetic dip	18.93	DEG
IMAGE_MAX_RES	RAB: Image Maximum Resistivity Value	100	OHMM
IMAGE_MIN_RES	RAB: Image Minimum Resistivity Value	1	OHMM
MBUTTON_K_FACTOR	RAB: Button Medium K Factor	0.0048088	−−−−
MDCP	magnetic declination	−1.32	DEG
MST_RM	Mud Sample temperature (RM)	27.9	DEGC
MW_RM	Mud Weight (RM)	8.66	LB/G
OBM	RAB: Oil base Mud	NO	
ORIENTATION_RM	Rab Image Orientation	NORTH	
RABEC	RAB: Resistivity Env−Cor	YES	
RAB_TEMP_SELECT	RAB Temperature Selection	MEASURED	
READOUT_PORT_MP	RAB: ROP to Bit Face Distance	2.49	M
RINGBHCA	RAB: Ring Borehole A Factor	0.299659	−−−−
RINGBHCB	RAB: Ring Borehole B Factor	0	−−−−
RING_KIMP_A	RAB: Ring Impedance Coeff A	0	−−−−
RING_KIMP_B	RAB: Ring Impedance Coeff B	0	−−−−
RING_K_FACTOR	RAB: Ring K Factor	0.151399	−−−−
RMS_RM	Resistivity of Mud Sample (RM)	0.214	OHMM
SBUTTON_K_FACTOR	RAB: Button Shallow K Factor	0.00653489	−−−−
STAB	RAB: Run with Stabilizer	YES	
TOOLTYPE	RAB: Azimuthal Tool	YES	
TS_VERSION	RAB: ToolScope Software Version	0	−−−−
VRAB6	Rab Tool type (ENP/PILOT)	RAB6_C_SERIES	
WIN_SIZE_DYN_IMAGE	RAB: Window Size for Scaling Dynamic Image	0.9144	M

CDR: CDR real−time
RES_BHCORR_ARC_RT: RT: ARC Borehole Correction
ECD_RT: RT:ECD Computation
System and Miscellaneous

PIP SUMMARY
⊣ Ring Samples
⊢ Gamma Ray Samples

PIP SUMMARY
⊣ Ring Samples
⊢ Gamma Ray Samples

IDEAL Version: ID10_2C_01.1SV

IDEAL

RAB6−CA id10_2c_01

Output DLIS Files

Type:DEFAULT File ID:LWD_021PDP FN:20 23−May−2006 08:10 PRODUCER 1104.3 M 1393.1 M

EcoScope Integrated Logging−While−Drilling Tool − 6.75 inch / Equipment Identification

Primary Equipment:		
Tool Name and Serial Number	ECO − 675	778
Calibration Status		
Collar Type and Serial Number	ADDC − AA	
Chassis Type and Serial Number	ADSE − EA	
Stabilizer Type and Serial Number	ADCS − CA	
Neutron Logging Source	NSR − M	
Density Logging Source	GSR − J/Z	
Stabilizer Size	9.13 − in.	

Master: 12−May−2006 20:19
EcoScope Integrated Logging−While−Drilling Tool − 6.75 inch Calibration
SSn LSn : Water Tank

Phase	SSn Gain −−−−	Value	Phase	SSn Offset −−−−	Value
Master		1.151	Master		0
	0.6000 (Minimum) 1.000 (Nominal) 1.400 (Maximum)			−3.000 (Minimum) 0 (Nominal) 3.000 (Maximum)	
Phase	LSn Gain −−−−	Value	Phase	LSn Offset −−−−	Value
Master		1.166	Master		0
	0.6000 (Minimum) 1.000 (Nominal) 1.400 (Maximum)			−3.000 (Minimum) 0 (Nominal) 3.000 (Maximum)	

Master: 12−May−2006 20:19
EcoScope Integrated Logging−While−Drilling Tool − 6.75 inch Calibration
Neutron: Water Tank

Phase	Far 2 Gain −−−−	Value	Phase	Far 2 Offset −−−−	Value
Master		1.044	Master		1.004
	0.7000 (Minimum) 1.000 (Nominal) 1.300 (Maximum)			−3.000 (Minimum) 0 (Nominal) 3.000 (Maximum)	
Phase	Far 1 Gain −−−−	Value	Phase	Far 1 Offset −−−−	Value
Master		1.076	Master		0.6590
	0.7000 (Minimum) 1.000 (Nominal) 1.300 (Maximum)			−3.000 (Minimum) 0 (Nominal) 3.000 (Maximum)	
Phase	Thermal Near gain −−−−	Value	Phase	Thermal Near offset −−−−	Value
Master		1.140	Master		−15.25
	0.7000 (Minimum) 1.000 (Nominal) 1.300 (Maximum)			−500.0 (Minimum) 0 (Nominal) 500.0 (Maximum)	
Phase	Epithermal Near gain −−−−	Value	Phase	Epithermal Near offset −−−−	Value
Master		1.124	Master		17.94
	0.7000 (Minimum) 1.000 (Nominal) 1.300 (Maximum)			−300.0 (Minimum) 0 (Nominal) 300.0 (Maximum)	

Master: 12−May−2006 15:19
EcoScope Integrated Logging−While−Drilling Tool − 6.75 inch Calibration
Gamma Density: Magnesium Block

Phase	LS window 3 − Mg CPS	Value	Phase	SS window 1 − Mg CPS	Value	Phase	SS window 3 − Mg CPS	Value
Master		2013	Master		4858	Master		11410
	1000 (Minimum) 2000 (Nominal) 3000 (Maximum)			2500 (Minimum) 5250 (Nominal) 8000 (Maximum)			6000 (Minimum) 12000 (Nominal) 18000 (Maximum)	

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EcoScope Integrated Logging−While−Drilling Tool − 6.75 inch Calibration
Gamma Density: Aluminum Block

Phase	LS window 3 − Al CPS	Value	Phase	SS window 1 − Al CPS	Value	Phase	SS window 3 − Al CPS	Value
Master		372.1	Master		2545	Master		8395
	200.0 (Minimum) 400.0 (Nominal) 600.0 (Maximum)			1500 (Minimum) 3000 (Nominal) 4500 (Maximum)			4000 (Minimum) 8500 (Nominal) 13000 (Maximum)	

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EcoScope Integrated Logging−While−Drilling Tool − 6.75 inch Calibration
Gamma Density: Background

Phase	LS window 3 − Background CPS	Value	Phase	SS window 1 − Background CPS	Value	Phase	SS window 3 − Background CPS	Value
Master		66.31	Master		74.12	Master		355.2
	50.00 (Minimum) 70.00 (Nominal) 90.00 (Maximum)			50.00 (Minimum) 75.00 (Nominal) 100.0 (Maximum)			270.0 (Minimum) 370.0 (Nominal) 470.0 (Maximum)	

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EcoScope Integrated Logging−While−Drilling Tool − 6.75 inch Calibration
Gamma Density: Water Block Check

Phase	Long spacing water density G/C3	Value	Phase	Short spacing water density G/C3	Value
Master		1.030	Master		1.263
	0.9000 (Minimum) 1.150 (Nominal) 1.400 (Maximum)			0.9000 (Minimum) 1.150 (Nominal) 1.400 (Maximum)	

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EcoScope Integrated Logging−While−Drilling Tool − 6.75 inch Calibration
Resistivity: Air

Phase	Phase−Shift T1	Value	Phase	Phase−Shift T2	Value	Phase	Phase−Shift T3	Value
Master		2.473	Master		−2.538	Master		2.413
	−4.000 (Minimum) 0 (Nominal) 4.000 (Maximum)			−4.000 (Minimum) 0 (Nominal) 4.000 (Maximum)			−4.000 (Minimum) 0 (Nominal) 4.000 (Maximum)	
Phase	Phase−Shift T4	Value	Phase	Phase−Shift T5	Value	Phase	Phase−Shift T1 at 400KHz	Value
Master		−2.561	Master		2.441	Master		−0.5357
	−4.000 (Minimum) 0 (Nominal) 4.000 (Maximum)			−4.000 (Minimum) 0 (Nominal) 4.000 (Maximum)			−4.000 (Minimum) 0 (Nominal) 4.000 (Maximum)	
Phase	Phase−Shift T2 at 400KHz	Value	Phase	Phase−Shift T3 at 400KHz	Value	Phase	Phase−Shift T4 at 400KHz	Value
Master		0.5383	Master		−0.5384	Master		0.4924
	−4.000 (Minimum) 0 (Nominal) 4.000 (Maximum)			−4.000 (Minimum) 0 (Nominal) 4.000 (Maximum)			−4.000 (Minimum) 0 (Nominal) 4.000 (Maximum)	
Phase	Phase−Shift T5 at 400KHz	Value						
Master		−0.5090						
	−4.000 (Minimum) 0 (Nominal) 4.000 (Maximum)							

Master: 12−May−2006 15:19
EcoScope Integrated Logging−While−Drilling Tool − 6.75 inch Calibration
Resistivity: Air

Phase	Attenuation T1	Value	Phase	Attenuation T2	Value	Phase	Attenuation T3	Value
Master		8.232	Master		6.181	Master		4.833
	7.000 (Minimum) 9.000 (Nominal) 11.00 (Maximum)			4.000 (Minimum) 6.000 (Nominal) 8.000 (Maximum)			3.500 (Minimum) 5.500 (Nominal) 7.500 (Maximum)	
Phase	Attenuation T4	Value	Phase	Attenuation T5	Value	Phase	Attenuation T1 at 400KHz	Value
Master		4.587	Master		3.392	Master		8.290
	2.500 (Minimum) 4.500 (Nominal) 6.500 (Maximum)			2.000 (Minimum) 4.000 (Nominal) 6.000 (Maximum)			7.000 (Minimum) 9.000 (Nominal) 11.00 (Maximum)	
Phase	Attenuation T2 at 400KHz	Value	Phase	Attenuation T3 at 400KHz	Value	Phase	Attenuation T4 at 400KHz	Value
Master		6.149	Master		4.884	Master		4.539
	4.000 (Minimum) 6.000 (Nominal) 8.000 (Maximum)			3.500 (Minimum) 5.500 (Nominal) 7.500 (Maximum)			2.500 (Minimum) 4.500 (Nominal) 6.500 (Maximum)	
Phase	Attenuation T5 at 400KHz	Value						
Master		3.445						
	2.000 (Minimum) 4.000 (Nominal) 6.000 (Maximum)							

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EcoScope Integrated Logging−While−Drilling Tool − 6.75 inch Calibration
Gamma Ray: Blanket

Phase	Gamma ray factor	Value
Master		2.250
	2.000 (Minimum) 2.500 (Nominal) 3.000 (Maximum)	

6.75−in. Resistivity At−the−Bit / Equipment Identification

Primary Equipment:		
Tool Name and Serial Number	RAB6 − CA	41018
Calibration Status	−	

Master: 8−May−2006 12:34
6.75−in. Resistivity At−the−Bit Calibration
Resistivity: Fixture

Phase	Ring/T1 factor −−−−	Value	Phase	Ring/T2 factor −−−−	Value	Phase	M0/T1 factor −−−−	Value
Master		1.005	Master		0.9995	Master		0.9971
	0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)	
Phase	M0/T2 factor −−−−	Value	Phase	M2/T1 factor −−−−	Value	Phase	M2/T2 factor −−−−	Value
Master		0.9902	Master		1.004	Master		0.9965
	0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)	
Phase	BTN shallow/T1 factor −−−−	Value	Phase	BTN shallow/T2 factor −−−−	Value	Phase	BTN medium/T1 factor −−−−	Value
Master		1.004	Master		0.9973	Master		0.9992
	0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)	
Phase	BTN medium/T2 factor −−−−	Value	Phase	BTN deep/T1 factor −−−−	Value	Phase	BTN deep/T2 factor −−−−	Value
Master		0.9928	Master		1.008	Master		1.001
	0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)	

Master: 8−May−2006 12:34
6.75−in. Resistivity At−the−Bit Calibration
Gamma Ray: Blanket

Phase	Gamma ray factor −−−−	Value
Master		0.9072
	0.7500 (Minimum) 1.000 (Nominal) 1.250 (Maximum)	

Company: **LAMONT − DOHERTY**

Schlumberger

Well: **GDGH05−A Site 3 Hole A**
Field: **Krishna Godavari Basin**
Rig: **JOIDES Resolution** **9.875in Section**
Country: **India**

GeoVISION − Dynamic Image
1:200 Measured Depth
Recorded Mode Log