Schlumberger

Company:	Aera Energy LLC
Well:	FIELD FEE G2
Field:	CAT CANYON
County:	SANTA BARBARA
State:	CALIFORNIA

HOSTILE ENVIRONMENT NATURAL GAMMA RAY

DEPTH SUMMARY LISTING

Date Created: 7-FEB-2012 16:39:29

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-B	Type:	CMTD-B/A	Type:	7-46A XS
Serial Number:	6106	Serial Number:	128	Serial Number:	73016
Calibration Date:	20-Jan-2012	Calibration Date:	19-JAN-2012	Length:	18500 FT
Calibrator Serial Number:	33	Calibrator Serial Number:	185	Conveyance Method:	Wireline
Calibration Cable Type:	7-46P	Number of Calibration Points:	10	Rig Type:	LAND
Wheel Correction 1:	-6	Calibration RMS:	7		
Wheel Correction 2:	-5	Calibration Peak Error:	12		

Depth Control Parameters

Log Sequence:	First Log in the Well
Rig Up Length At Surface:	0.00 FT
Rig Up Length At Bottom:	0.00 FT
Rig Up Length Correction:	0.00 FT
Stretch Correction:	2.00 FT
Tool Zero Check At Surface:	-0.10 FT

Depth Control Remarks

1. ALL SCHLUMBERGER DEPTH CONTROL PROCEDURES FOLLOWED.
2. IDW USED AS PRIMARY DEPTH REFERENCE. Z-CHART USED AS SECONDARY.
3. RULS AND RULB NOT PERFORMED DUE TO WELL CONDITIONS.
4.
5.
6.

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.

REMARKS: RUN NUMBER 1

Header Data Transferred from Aera Logging Request

BOWSPRING RAN ON CMR CARTRIDGE

PPC RAN BELOW CMR FOR ECCENTRALIZATION

MATRIX: SANDSTONE DENSITY: 2.65 G/CC

TOTAL CHLORIDES: 26000 ppm

Rig: G6D 14

THANK YOU FOR USING SCHLUMBERGER!

EQUIPMENT DESCRIPTION

RUN 1 / RUN 2

SURFACE EQUIPMENT

GSR-U

WITM (EDTS)-A

DOWNHOLE EQUIPMENT

Tool	Sensors	Offset (ft)
LEH-QT		53.8
EDTC-B (EDTH-B, EDTC-B, EDTG-A/B)	MDSB_EDTC Mud Temperature 50.9; CTEM Gamma Ray, EDTB Diag, TelStatus, EDTC-B Ele 44.4	50.9
HNGS-BA (HNGS-BA 176, HNSH-BA 187)	Upper 1 / Lower 2	44.4
HNGC-B (HNGH-A, HNGS-B 366)	HNGC Stat 34.5	36.2
ECC-B (ECH-A, ECC-B 484)	ECC Statu 31.0	32.7
ECS-A (ECS-A 60, NSR-F, ECSD-A, ECSH-A)	Detector 27.9	29.2
CMRT-B (CMRH-AA, CMRB-AA 49, CMRC-B 66, EME-F)	CMR-B Raw, CMR-B Sen 8.9, CMR-B Dis 7.0	22.6
PPC1 (PPC1-B, PPC_CAL_STD)	Calipers 5.6	7.0
BNS-CCS	PPC Cartr, DF ACCZ, Tension HV 0.5, TOOL ZERO	0.5

MAXIMUM STRING DIAMETER 6.60 IN

MEASUREMENTS RELATIVE TO TOOL ZERO

ALL LENGTHS IN FEET

Production String	Well Schematic	Casing String

ALL DEPTHS ARE DRILLERS DEPTHS

Schlumberger HNGS NGT

MAXIS Field Log

Company: Aera Energy LLC — Well: FIELD FEE G2

Input DLIS Files

DEFAULT	CAL_CMR_ECS_NGS_038PUP	FN:48	PRODUCER	08-Feb-2012 01:28	2635.0 FT	528.0 FT

Output DLIS Files

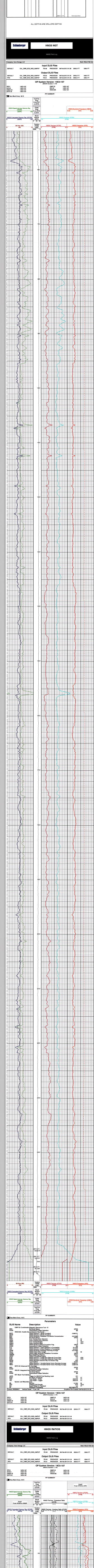
DEFAULT	CAL_CMR_ECS_NGS_038PUP	FN:50	PRODUCER	08-Feb-2012 01:34	2635.0 FT	528.0 FT
RTB	CAL_CMR_ECS_NGS_038PUP	FN:51	PRODUCER	08-Feb-2012 01:35	2635.0 FT	528.0 FT

OP System Version: 19C0-187

eWAFE Version: 1.176

PPC1	19C0-187	CMRT-B	19C0-187
ECS-A	19C0-187	ECC-B	19C0-187
HNGC-B	19C0-187	HNGS-BA	19C0-187
EDTC-B	19C0-187		

PIP SUMMARY

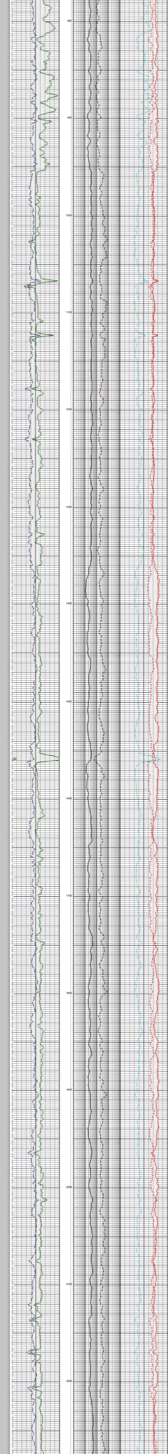


Parameters

Format: HNGS/NGT — Vertical Scale: 5" per 100' — Graphics File Created: 08-Feb-2012 01:28

Schlumberger HNGS RATIOS

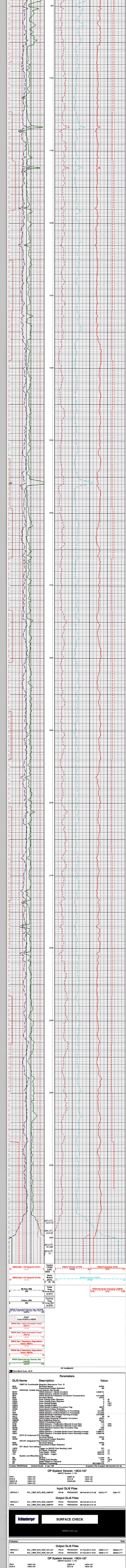
MAXIS Field Log



Parameters

Schlumberger HNGS YIELDS

MAXIS Field Log



Parameters

Calibrations

Schlumberger

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Field: CAT CANYON

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State: CALIFORNIA