Schlumberger

GEOFRAME
PROCESSED
INTERPRETATION

BestDT*
SonicScope

QP Non−Disp Processing

*A Mark of Schlumberger

Using the following logs:

COMPANY: Chevron U.S.A., Inc.
WELL: JIP II AC21 B
FIELD: Alaminos Canyon 21
Rig Helix Q4000
STATE: Louisiana
COUNTRY:
Date Logged: Date Processed: Jan 16 17:43:50 2013
Well Location:

Elevations: KB: DF: 51.0 ft GL: −4883.0 ft
API Number: 608054007100 Job Number:

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

Any interpretation, research, analysis, data, results, estimates, or recommendation furnished with the services or otherwise communicated by Schlumberger to the customer at any time in connection with the services are opinions based on inferences from measurements, empirical relationships, and/or assumptions; which, inferences, empirical relationships and/or assumptions are not infallible and with respect to which professionals in the industry may differ. Accordingly, Schlumberger cannot and does not warrant the accuracy, correctness, or completeness of any such interpretation, research, analysis, data, results, estimates, or recommendation. The customer acknowledges that it is accepting the services "as is," that Schlumberger makes no representation or warranty, express or implied, of any kind or description in respect thereto, and that such services are delivered with the explicit understanding and agreement that any action taken based on the services received shall be at its own risk and responsibility, and no claim shall be made against Schlumberger as a consequence thereof.

@ 2010 Schlumberger. All rights reserved.

Field Recording:	Location:	Software Version: 14C0−108	Engineer:
Office Recording:	ICS Center:	Baseline: 4.5	Log Analyst: Mohamed Mokhtar

Mud and Borehole Measurements:

Rm @ Measured Temperature:	@	BHT:	Bitsize:
Rmf @ Measured Temperature:	@	Type Fluid in Hole:	
Rmc @ Measured Temperature:	@	Mud Density: 11.2663lbm/gal	

Remarks:

Customized Process: Start Depth (6015.83 ft), Stop Depth (4886.83 ft), Logging Mode (SonicScope − QP2)
Noise Cut Filtering(No)
WF_FLG(1 1 1 1 1 1 1 1 1 0 0 0 0), MUD_TYPE(WBM), STCAL(Multishot), NRSA(7), ENE_THRE_FLG(NO)
TRSPAC(7), RRSPAC(0 0.333333 0.666667 1 1.33333 1.66667 2 2.33333 2.66667 3 3.33333 3.66667)
Mud Slowness (no input)
Hole Diameter (DCAV@ASCII_Load;1 (4920 − 6051 ft))
Zoning Guide (no input)
Tracking Guide (SLOW@BestDT−3;1 .DTRP .CO .MH_LKP .MH2 .BDT (6015.83 − 4886.83 ft))

−−− Zone Top Depth (0), Zone Name (Zone1) −−−
SFTY(Very Slow), BHS(OPEN), CSIZ(7), HDM(DCAV), HD(7*), DTMUD(205*)
TWI(1280*), SLL(80*), SUL(840*), SST(4), TLL(426.667*), TUL(8533.33*), TST(426.667*)
SBW(3700*), SBO(1230*), SWD(60), TWD(2700*), SEM(0.25*), FLOW(2000*), FHIGH(3000*)
TKO_MODEL_ORDER(2), TKO_TOL(50), TKO_FLOW(0), TKO_FHIGH(12000)
TKO_WF_LENG(512)

GR	MD 1 : 240 ft	A40B	PR	TNPH_FI	DTRP	DTRS	TISS	SWDP_DS [C43310]
0 (gAPI) 150		0.02 (ohm.m) 20	0 ( ) 0.5	0.6 (ft3/ft3) 0	40 (us/ft) 240	80 (us/ft) 840	0 (us) 8400	
ST Plane		P16B	VPVS	RHOB	SPR4	SPR_QPND	WF VDL	
384 (us) 3264		0.02 (ohm.m) 20	1 ( ) 6	1.65 (g/cm3) 2.65	40 (us/ft) 240	80 (us/ft) 840	0 (us) 5000	

Company: Chevron U.S.A., Inc.
Well: JIP II AC21 B
FIELD: Alaminos Canyon 21
Rig Helix Q4000
STATE: Louisiana

Schlumberger

Date Logged: Date Processed: Jan 16 17:43:50 2013
Well Location:

Elevations: KB: DF: 51.0 ft GL: −4883.0 ft
API Number: 608054007100 Job Number: