GEMINI WIRELINE

Company A & C Oil Operating Inc.
Well Faulkner No.1
Field Railroad Southeast
County Graham
State Kansas
Country USA

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Date 10/19/2017
Time 12:00:00 AM
Log Date 10/19/2017
Log Time 12:00:00 AM
Run Number 1
Depth Reference KB
Elevation KB 2291 ft
Elevation DF 2289 ft
Elevation GL 2284 ft
Permanent Datum GL
Log Measured From KB 7 ft
Drilling Measured From KB
Casing Driller 8.625 @ 1000 ft
Casing Logged 8.625 @ 1000 ft
Bottom Driller 3600 ft
Bottom Logged 3600 ft
Max Temp 100 °F
Equipment Number 1001
Equipment Location Hays
Recorded By Kyle Schmeidler
Witnessed By Ryan Dreiling

SECTOR CEMENT BOND LOG

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

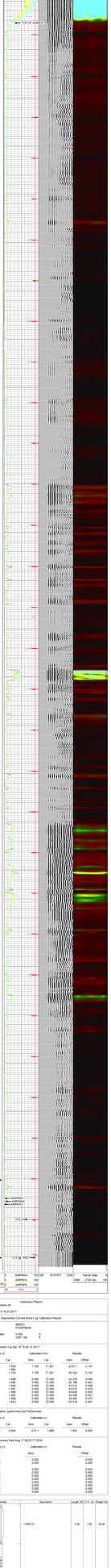
LOG NOT CORRELATED
BOGUE KS
Sec 10 T14S R19W
3-1/2 S, INTO

GEMINI WIRELINE

MAIN PASS

Database File lv3subdom 1-cases.db
Dataset Pathname sqrt/data/17
Open mode Append
Dataset Creation Wed Oct 25 14:19:35 2017
Charted by: Depth in Feet scaled 1:240

GR (API)	150	LTen	0	AMPMAX	100,000	WVFSPT	12801	Sector Map	0
HD	TTXP (usec)	200	Bn	0	AMPAVG	100		3999 LTEN (lb)	100
0	AMPSPT (mv)	100,000	TTXP	1000	AMPPCT	100			



Calibration Report

Database File lv3subdom 1-cases.db
Dataset Pathname sqrt/data/17
Dataset Creation Wed Oct 25 14:19:35 2017

Segmented Cement Bond Log Calibration Report

Serial Number 08021
Tool Model ProbeRadial

Calibration Casing Diameter 5.500 in
Calibration Depth 1281.146 ft

Master Calibration, performed Tue Apr 18 09:41:13 2017

	Raw (v)		Calibrated (in)		Results		
	Zero	Cal	Zero	Cal	Gain	Offset	
7	-0.013	1.635	1.750	71.921	42.611	2.191	
CAL	-0.011	1.860					
8	-0.011	1.730	1.750	71.921	42.322	2.155	
SUM							
51	-0.011	1.688	0.000	72.000	42.476	0.456	
52	-0.011	1.644	0.000	72.000	43.716	0.481	
53	-0.011	1.644	0.000	72.000	43.716	0.469	
54	-0.011	1.644	0.000	72.000	43.716	0.469	
55	-0.011	1.644	0.000	72.000	43.716	0.469	
56	-0.011	1.582	0.000	72.000	45.208	0.531	
57	-0.011	1.582	0.000	72.000	45.208	0.531	
58	-0.011	1.582	0.000	72.000	45.208	0.531	
59	-0.011	1.582	0.000	72.000	45.208	0.531	
60	-0.011	1.582	0.000	72.000	45.208	0.481	

Internal Reference Calibration, performed (Not Performed)

	Raw (v)		Calibrated (v)		Results		
	Zero	Cal	Zero	Cal	Gain	Offset	
CAL	0.000	0.000	-0.011	1.680	1.000	0.000	

Air Zero Calibration, performed Wed Aug 17 09:23:17 2016

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
7	0.000		0.000		0.000	
SUM	0.000		0.000		0.000	
51	0.000		0.000		0.000	
52	0.000		0.000		0.000	
53	0.000		0.000		0.000	
54	0.000		0.000		0.000	
55	0.000		0.000		0.000	
56	0.000		0.000		0.000	
57	0.000		0.000		0.000	
58	0.000		0.000		0.000	
59	0.000		0.000		0.000	
60	0.000		0.000		0.000	

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CENT-X	3.00	1.69	20.00
WVFSM	7.25		SCBL-ProbeRadial (08021) Probe-Cylinder	8.75	2.75	106.50
WVFSP	7.25					
WVFSN	7.25					
WVFSW	7.25					
WVFSH	7.25					
WVFS1	7.25					
WVFS2	7.25					
WVFS3	7.25					
WVFS4	7.25					
WVFSFT	8.25					
			CENT-X	3.00	1.69	20.00
SVFCAL	3.00					
READVLT	3.00					

Dataset: lv3subdom 1-cases.db Not(Isnull(sqrt)and 1)
Depth: 0 to 3600 ft
Scale: 1:240 (5 in/100 ft)
Time: 0 to 1800 s

Log Variables

Top - Bottom

BORED	BOTTEMP	CASECD	CASETHCK	CASEWGHT	MNAMPL	MXAMPL
8.25	100	1.5	0	0	0.5	1
MNATTN	PERFS	SHT	SHTTEMP	TOPTYP		
0.8	0	0	100	1800		

Variable Descriptions

BORED : Borehole ID
BOTTEMP : Bottom Hole Temperature
CASECD : Casing ID
CASETHCK : Casing Thickness
CASEWGHT : Casing Weight
MNAMPL : Minimum Amplitude
MNAMPL : Minimum Amplitude
MXAMPL : Maximum Amplitude
MNATTN : Minimum Attenuation
PERFS : Perforation Flag
PFT : Predicted Free Time
SHT : Surface Hole Temperature
SHTTEMP : Shot Temperature
TOPTYP : Total Depth

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