Company	Jaffer Associates Corp.
Well	Alligator Alley Florida Test Well
Field	Alligator Alley
County	Broward
State/Prov	Florida

MV Geophysical

DUAL INDUCTION
LL3 / SP
LOG

Company	Jaffer Associates Corporation
Well	Alligator Alley Florida Test Well
Field	Alligator Alley
County	Broward
State/Prov	Florida
Location	South Florida Water Management District 10700 Alligator Alley
Elevation	

Log Measured From	G.L.	12 ft. above Perm. Datum	
Drilling Measured From	G.L.		
Permanent Datum	G.L.	Elev.: 0 ft	
Elev.: K.B.			
Elev.: D.F.			
Elev.: G.L.			

Date	2-Nov-2007	Run Number	ONE
Depth-Driller	200 ft	Depth-Logger	200 ft
Depth Last Log	200 ft	Bottom Log Interval	200 ft
Top Log Interval	12 ft	Casing - Driller	12 ft @ 12 ft
Casing - Logger	12 ft	Bit Size	8 1/2 in
Type Fluid in Hole	WATER	Dens. / Visc.	8.4 lb/gal / 28 s
PH / Fluid Loss	7.0 / N/A	Source of Sample	PIT
Rm @ Meas. Temp.	0.678 @ 75 F	Rmf @ Meas. Temp.	0.508 @ 75 F
Rmc @ Meas. Temp.	0.678 @ 75 F	Source: Rmf / Rmc	MEASURED / CALCULATED
Rm @ BHT	0.678 @ 75 F	Time Since Circ.	0 hr
Max. Rec. Temp.	75 F	Equipment Number	5
Location	5 miles E of Miami	Recorded By	J. Lockhart / Williams
Witnessed By	Mr. Bob Jaffer		

Run Number	ONE	Depth Driller	200 ft
Schlumberger Depth	200 ft	Depth Logged	200 ft
Top Log Interval	12 ft	Bottom Log Interval	200 ft
Casing Driller	12 ft @ 12 ft	Casing Logger	12 ft
Bit Size	8 1/2 in	Type Fluid in Hole	WATER
Dens. / Visc.	8.4 lb/gal / 28 s	PH / Fluid Loss	7.0 / N/A
Source of Sample	PIT	Rm @ Meas. Temp.	0.678 @ 75 F
Rmf @ Meas. Temp.	0.508 @ 75 F	Rmc @ Meas. Temp.	0.678 @ 75 F
Source: Rmf / Rmc	MEASURED / CALCULATED	Rm @ BHT	0.678 @ 75 F
Time Since Circ.	0 hr	Max. Rec. Temp.	75 F
Equipment Number	5	Location	5 miles E of Miami
Recorded By	J. Lockhart / Williams	Witnessed By	Mr. Bob Jaffer

Run Number	TWO	Depth Driller	200 ft
Schlumberger Depth	200 ft	Depth Logged	200 ft
Top Log Interval	12 ft	Bottom Log Interval	200 ft
Casing Driller	12 ft @ 12 ft	Casing Logger	12 ft
Bit Size	8 1/2 in	Type Fluid in Hole	WATER
Dens. / Visc.	8.4 lb/gal / 28 s	PH / Fluid Loss	7.0 / N/A
Source of Sample	PIT	Rm @ Meas. Temp.	0.678 @ 75 F
Rmf @ Meas. Temp.	0.508 @ 75 F	Rmc @ Meas. Temp.	0.678 @ 75 F
Source: Rmf / Rmc	MEASURED / CALCULATED	Rm @ BHT	0.678 @ 75 F
Time Since Circ.	0 hr	Max. Rec. Temp.	75 F
Equipment Number	5	Location	5 miles E of Miami
Recorded By	J. Lockhart / Williams	Witnessed By	Mr. Bob Jaffer

Run Number		Depth Driller	ft
Schlumberger Depth	ft	Depth Logged	ft
Top Log Interval	ft	Bottom Log Interval	ft
Casing Driller	@ ft	Casing Logger	ft
Bit Size	in	Type Fluid in Hole	
Dens. / Visc.	/	PH / Fluid Loss	/
Source of Sample		Rm @ Meas. Temp.	@ F
Rmf @ Meas. Temp.	@ F	Rmc @ Meas. Temp.	@ F
Source: Rmf / Rmc	/	Rm @ BHT	@ F
Time Since Circ.	hr	Max. Rec. Temp.	F
Equipment Number		Location	
Recorded By		Witnessed By	

Other Services	
DIL / SP / LL3	

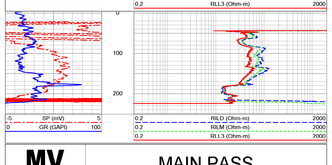
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

Rw=5.678 ohm-m @ 81.5 degF

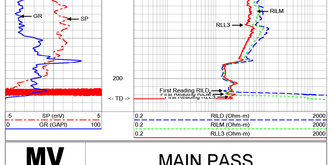
MAIN PASS

Database File: jaffaaflvc.db
Dataset Pathname: MAIN
Presentation Format: DIL
Dataset Creation: Fri Nov 02 12:56:15 2007
Charted by: Depth in Feet scaled 1:200



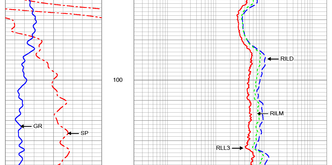
MAIN PASS

Database File: jaffaaflvc.db
Dataset Pathname: MAIN
Presentation Format: DIL
Dataset Creation: Fri Nov 02 12:56:15 2007
Charted by: Depth in Feet scaled 1:600



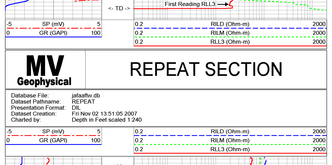
MAIN PASS

Database File: jaffaaflvc.db
Dataset Pathname: MAIN
Presentation Format: DIL
Dataset Creation: Fri Nov 02 12:56:15 2007
Charted by: Depth in Feet scaled 1:240



REPEAT SECTION

Database File: jaffaaflvc.db
Dataset Pathname: REPEAT
Presentation Format: DIL
Dataset Creation: Fri Nov 02 13:51:05 2007
Charted by: Depth in Feet scaled 1:240



Dual Induction Calibration Report

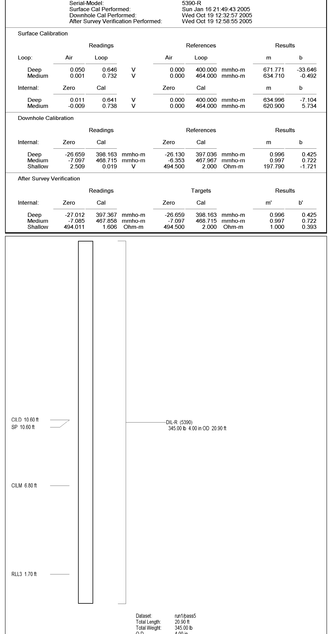
Serial-Model:	5390-R
Surface Cal Performed:	Sun Jan 16 21:49:43 2005
Downhole Cal Performed:	Wed Oct 19 12:32:57 2005
After Survey Verification Performed:	Wed Oct 19 12:58:55 2005

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.050	0.646	V	0.000	400.000	mmho-m	671.771	-33.646
Medium	0.001	0.732	V	0.000	464.000	mmho-m	634.710	-9.402
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.011	0.641	V	0.000	400.000	mmho-m	634.996	-7.104
Medium	-0.009	0.738	V	0.000	464.000	mmho-m	629.900	5.734

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-26.659	398.163	mmho-m	-26.130	397.036	mmho-m	0.996	0.425
Medium	-7.097	468.715	mmho-m	-6.353	467.987	mmho-m	0.997	0.722
Shallow	2.509	0.019	V	494.500	2.000	Ohm-m	197.790	-1.721

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	-27.012	397.367	mmho-m	-26.659	398.163	mmho-m	0.996	0.425
Medium	-7.085	467.858	mmho-m	-7.097	468.715	mmho-m	0.997	0.722
Shallow	494.011	1.606	Ohm-m	494.500	2.000	Ohm-m	1.000	0.393