Perf-Tech Wireline Services, Inc.

DUAL RECEIVER CEMENT BOND LOG

Company	AMERICAN WARRIOR, INC.
Well	BRADYO 1-23
Field	WILDCAT
County	NESS
State	KANSAS
Location	SEC. 23 TWP. 16 S RGE. 21 W
	2307' FSL & 2307' FWL
	API # 15-135-24802-0000 (Well Number)
	ELEV. GL 2227 KB 2232 DF 2231
	DATE 3-25-2018
	RUN NO. ONE
	DEPTH DRILLER 4480
	DEPTH LOGGER 4482
	BOTTOM LOGGED INTERVAL 4480
	TOP LOGGED INTERVAL 150
	CASING DRILLER 8 5/8 @ 150
	CASING LOGGER 150
	BIT SIZE 7 7/8
	TYPE FLUID WBM
	DENSITY 9.0
	VISCOSITY 50
	PH 10.0
	FLUID LOSS NC
	SOURCE OF SAMPLE PIT
	RM @ MEAS. TEMP. .64 @ 70
	RMF @ MEAS. TEMP. .48 @ 70
	RMC @ MEAS. TEMP. .85 @ 70
	RM @ BHT .32 @ 122
	TIME CIRC. 5 HRS.
	MAX. REC. TEMP. 122
	EQUIP. NO. 2107
	LOCATION HAYS
	RECORDED BY J. ROSS
	WITNESSED BY MR. BRUNGARDT

Company: AMERICAN WARRIOR, INC.
Well: BRADYO 1-23
Field: WILDCAT
County: NESS
State: KANSAS

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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 forth in our current Price Schedule.

Comments

THANK YOU FOR USING
PERF-TECH WIRELINE SERVICES, INC.
785-628-3069

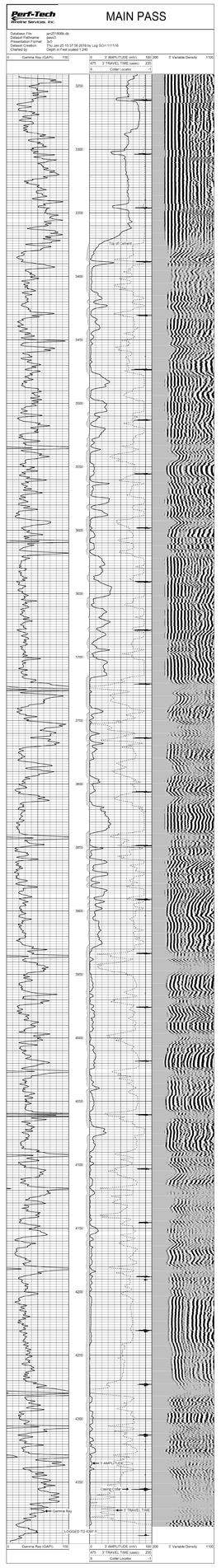
DIRECTIONS: BAZINE, KS
2 WEST to BB Rd, 10 1/2 SOUTH,
EAST into

MAIN PASS

Perf-Tech Wireline Services, Inc.

Database File: pen2018090.db
Dataset Pathname: pass3
Presentation Format: bcl
Dataset Creation: Thu Jan 25 15:37:56 2018 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150 | 0 3 AMPLITUDE (mv) 100 200 | 0" Variable Density 1100
475 3 TRAVEL TIME (usec) 225
0 Collar Locator 1



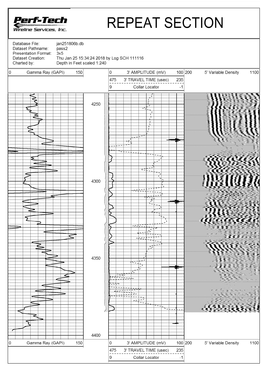
0 Gamma Ray (GAPI) 150 | 0 3 AMPLITUDE (mv) 100 200 | 0" Variable Density 1100
475 3 TRAVEL TIME (usec) 225
0 Collar Locator 1

REPEAT SECTION

Perf-Tech Wireline Services, Inc.

Database File: pen2018090.db
Dataset Pathname: pass2
Presentation Format: bcl
Dataset Creation: Thu Jan 25 15:34:24 2018 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150 | 0 3 AMPLITUDE (mv) 100 200 | 0" Variable Density 1100
475 3 TRAVEL TIME (usec) 225
0 Collar Locator 1



0 Gamma Ray (GAPI) 150 | 0 3 AMPLITUDE (mv) 100 200 | 0" Variable Density 1100
475 3 TRAVEL TIME (usec) 225
0 Collar Locator 1