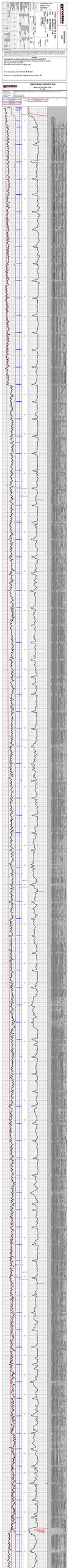
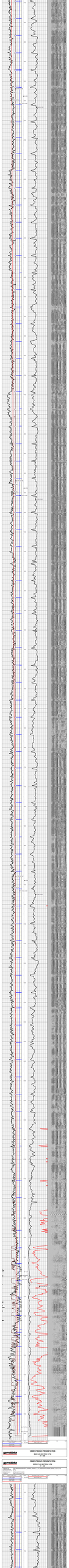

gyrodata
DIRECTIONAL SURVEY
RADIUS OF CURVATURE
MAGNETIC
Survey Date: 08 Jan, 2020
Job No: 20TX0001
Surveyor: Jeff Hamilton
Calculated By: Jeff Hamilton
Vertical Section Direction: 0.00 (Grid)
Convergence: 0.00
Declination: 0.00
Total Correction: 0.00
Grid Factor: 1.00000000
Vertical Section Origin: 0.00 N, 0.00 E
Measured Depth (Ft)
Inclination (Deg)
Azimuth (Deg)
True Vertical Depth (Ft)
Vertical Section (Ft)
Latitude (Ft)
Departure (Ft)
Dogleg Severity (Deg/100 Ft)
Build Rate (Deg/100 Ft)
Walk Rate (Deg/100 Ft)
Tool Face (Deg)
Grid Correction (Deg)
Magnetic Declination (Deg)
Total Correction (Deg)
Grid Azimuth (Deg)
Comments
Survey Type: Definitive
Survey Error Model: ISCWSA Rev 0
Survey Program: Gyro
Start MD: 0.00 Ft
End MD: 0.00 Ft
Tie-on Depth: 0.00 Ft
Tie-on Azimuth: 0.00
Tie-on Inclination: 0.00
Tie-on Coordinates: 0.00 N, 0.00 E
Gyro Data Is Corrected To Grid North
Survey Is Not Extrapolated
Survey Is Not Interpolated
Survey Is Not Magnetic
Survey Is Not Geographic
Survey Is Not Geodetic
Survey Is Not Grid
Survey Is Not Vertical
Survey Is Not Horizontal
Survey Is Not Inclination Only
Survey Is Not Azimuth Only
Survey Is Not Gyro



gyrodata

CEMENT BOND PRESENTATION

Well: 42-27B

Field: Prudhoe Bay

Location: North Slope, Alaska

gyrodata

CEMENT BOND PRESENTATION

Well: 42-27B, API#: 50-029-21798-02

Field: Prudhoe Bay

Location: North Slope, Alaska

Company: BP Exploration (Alaska) Inc.

Job Number: AK0618GCM1000

Run Number: 1

Run Date: 15 June 2018

Service Order: 8000

Logging Engineer: Jeff Hall

Unit Number: 1

Surface Equipment: 1-11/16" Tool

Logging Method: Wireline

Log Direction: Down

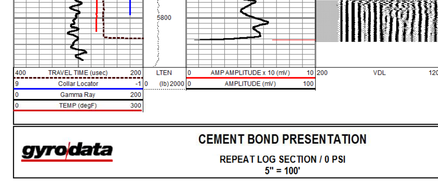
Log Unit Number: 1

Max Recorded Temperature: 200 deg F

Max Recorded Temperature: 93 deg C

Max Recorded Temperature: 200 deg F

Max Recorded Temperature: 93 deg C

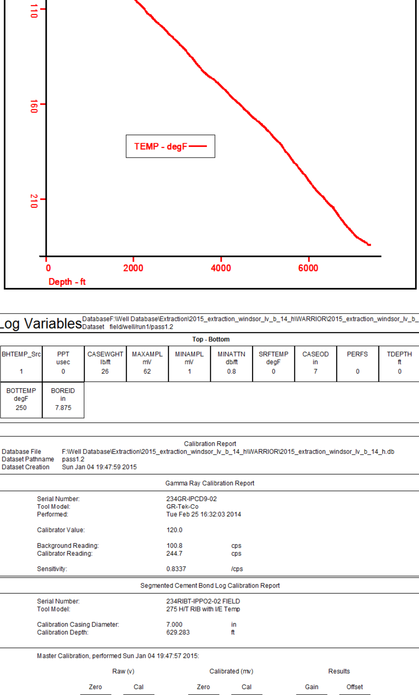


gyrodata

CEMENT BOND PRESENTATION

REPEAT LOG SECTION / 0 PSI

5" = 100'



Log Variables

DatabaseF:\Well Database\Extraction\2015_extraction_windsor_lv_b_14_hl\WARRIOR\2015_extraction_windsor_lv_b_14
Dataset field\well\run1\pass1.2

Top - Bottom

BHTEMP_Src	PPT	CASEWGHT	MAXAMPL	MINAMPL	MINATTN	SRFTEMP	CASEOD	PERFS	TDEPTH
	usec	lb/ft	mV	mV	db/ft	degF	in	ft	ft
1	0	26	62	1	0.8	0	7	0	0

BOTTEMP	BOREID
degF	in
250	7.875

Calibration Report

Database File F:\Well Database\Extraction\2015_extraction_windsor_lv_b_14_hl\WARRIOR\2015_extraction_windsor_lv_b_14_h.db
Dataset Pathname pass1.2
Dataset Creation Sun Jan 04 19:47:59 2015

Gamma Ray Calibration Report

Serial Number: 234GR-IPCD9-02
Tool Model: GR-Tek-Co
Performed: Tue Feb 25 16:32:03 2014

Calibrator Value: 120.0

Background Reading: 100.8 cps
Calibrator Reading: 244.7 cps

Sensitivity: 0.8337 /cps

Segmented Cement Bond Log Calibration Report

Serial Number: 234RIBT-IPPO2-02 FIELD
Tool Model: 275 H/T RIB with I/E Temp

Calibration Casing Diameter: 7.000 in
Calibration Depth: 629.283 ft

Master Calibration, performed Sun Jan 04 19:47:57 2015:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.003	0.373	1.000	62.165	162.873	1.477
CAL	0.000	0.305				
5'	-0.166	0.712	1.000	62.165	69.668	12.554
SUM						
S1	-0.022	0.294	0.000	100.000	316.881	6.929
S2	-0.063	0.355	0.000	100.000	238.904	15.126
S3	-0.013	0.382	0.000	100.000	253.337	3.255
S4	0.000	0.381	0.000	100.000	262.686	-0.005
S5	0.000	0.412	0.000	100.000	242.826	-0.006
S6	-0.088	0.389	0.000	100.000	209.658	18.502
S7	-0.003	0.381	0.000	100.000	260.049	0.814
S8	-0.011	0.419	0.000	100.000	233.005	2.483

Internal Reference Calibration, performed Thu Dec 25 20:11:00 2014:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	0.305	1.000	0.000

Air Zero Calibration, performed Thu Dec 25 19:19:50 2014:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

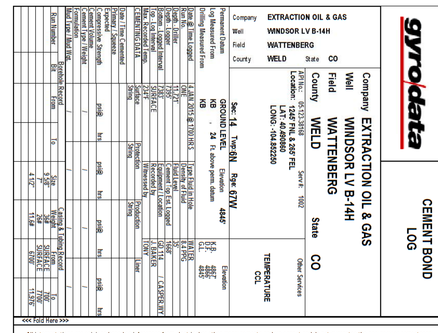
Temperature Calibration Report

Serial Number: 234RIBT-IPPO2-02 FIELD
Tool Model: 275 H/T RIB with I/E Temp
Performed: Tue Nov 25 12:50:38 2014

	Reference		Reading	
Low Reference:	0.00	degF	0.00	usec
High Reference:	1.00	degF	1.00	usec
Gain:	0.33			
Offset	0.00			
Delta Spacing:	1			

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			TitanConeType2 Cable Head 1.7/16 Cone Type II	1.03	1.44	3.60
CCL	19.56		CCL-275tekco (234CCL-IS2T1-08) 2 3/4" 450 Deg. "F" TekCo CCL Earth Mag	1.96	2.75	20.00
			2.75 2 3/4" Telco Adjustable Centralizer	2.73	2.75	25.00
TEMP	12.77					
WVFS8	11.48					
WVFS7	11.48		275 H/T RIB with I/E Temp (234RIBT-IPPO2-029.13.D) Telco 2.75" 450 Deg. F RIB with IE Temp	2.75	2.75	102.00
WVFS6	11.48					
WVFS5	11.48					
WVFS4	11.48					
WVFS3	11.48					
WVFS2	11.48					
WVFS1	11.48					
WVF5FT	9.73					
WVFSYNC	6.40					
WVFTEMP	6.40					
WVFCAL	6.40		2.75 2 3/4" Telco Adjustable Centralizer	2.73	2.75	25.00
GR	1.04		GR-GR-Tek-Co (234GR-IPCD9-02) Telco 2 3/4" 400 Deg. F Logging Gamma Ray	3.67	2.75	40.00

Dataset: 2015_extraction_windsor_lv_b_14_h.db: field/well/run1/pass1.2
Total length: 21.25 ft
Total weight: 215.60 lb
O.D.: 2.75 in



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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 out in our current Price Schedule.

Comments

Cement Bond Log was the initial log ran on the well dated1/04/2015
Cement top was estimated at 1668'
Max temp on bottom was 234°F
Kick off Point was unknow to logging crew

Your crew today was B. Kennicker, M. Stewart

Thank you for using Gyrodata Logging Services, Casper, WY