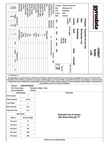
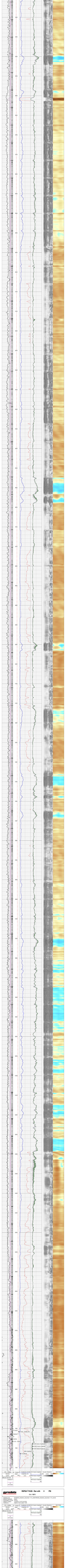

gyrodata
Client
Well Name
Rig Name
Job Number
Survey Type
Survey Date
Surface Coordinates
Proposed Direction
Survey Tie-In
Survey Depths
Survey Calculation Method
Vertical Section Azimuth
Vertical Section Origin
Declination Date
Declination Correction
Grid Convergence Correction
Total Correction
Gyro Data Reference
Gyro Data Reference
Gyro Data Reference



gyrodata

SURVEYING Survey

For: NEU

Date: 10 March, 2014

This survey is corrected to True North

Vertical Section Azimuth: 0.000 (True North)

KB Elevation: 0.00 ft

Gyro Elevation: 0.00 ft

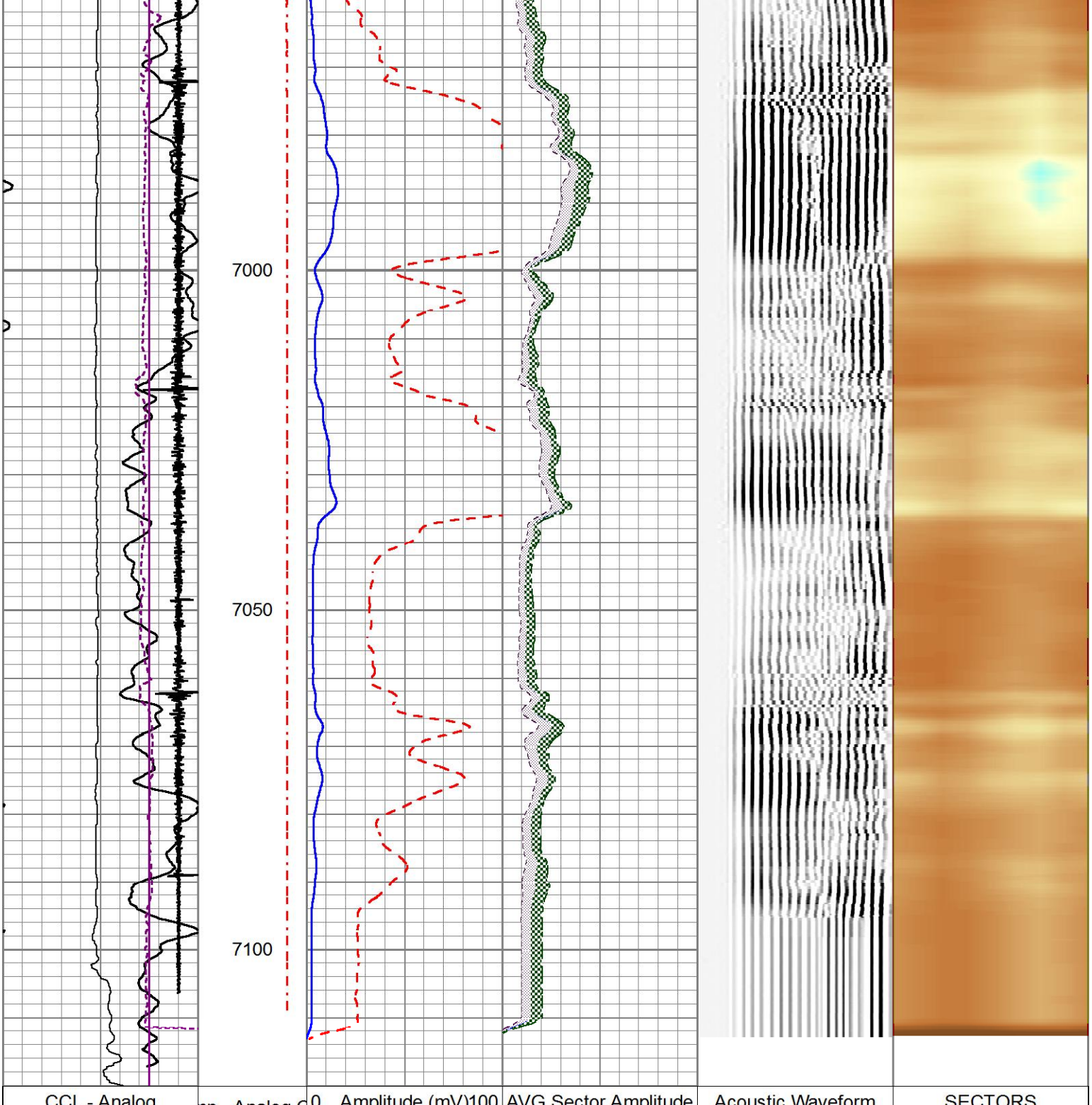
Survey Method: Gyro

Survey Type: Gyro

Survey Error Model: ISCWSA Rev 0

Survey Program: Gyro

MD	Inc	Azi	TVD	NS	EW	DLS	Vertical Section	Tool Face	Build Rate	Walk Rate
ft	deg	deg	ft	ft	ft	deg/100ft	ft	deg	deg/100ft	deg/100ft
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



CCL - Analog	mp - Analog C	0 Amplitude (mV)100	AVG Sector Amplitude	Acoustic Waveform	SECTORS
Gamma	(degF)	Amplitude x10	0 100	200 (usec) 1200	0 72
0 (GAPI) 200	0 300	0 (mV) 10	MAX Sector Amplitude		
300(Line Tens (lb) 0			0 100		
Predicted TT			MIN Sector Amplitude		
TT +[10 usec]-			0 100		

Calibration Report

Database File	d:\warrior\data\20180326_extraction_wssunrise 1-5-5_cbl\20180326_extraction_wssunrise 1-5-5_cbl.db
Dataset Pathname	pass3
Dataset Creation	Tue Mar 27 10:13:42 2018

Gamma Ray Calibration Report

Serial Number:	ISHV2-03	
Tool Model:	2 3/4" TekCo	
Performed:	Tue Dec 13 00:23:06 2016	
Calibrator Value:	194.0	GAPI
Background Reading:	58.9	cps
Calibrator Reading:	300.8	cps
Sensitivity:	0.8020	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	IT4B1-01	
Tool Model:	2 3/4" RIB Analog	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	0.000	ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.001	1.450	0.000	71.921	49.586	0.036
CAL	0.000	0.290				
5'	0.002	1.916	0.000	71.921	37.574	-0.060
SUM						
S1	0.015	1.131	0.000	72.000	64.525	-0.997
S2	0.028	1.226	0.000	72.000	60.107	-1.663
S3	0.034	1.509	0.000	72.000	48.834	-1.668
S4	0.039	1.881	0.000	72.000	39.083	-1.513
S5	0.043	2.035	0.000	72.000	36.142	-1.548
S6	0.029	1.647	0.000	72.000	44.490	-1.278
S7	0.018	1.389	0.000	72.000	52.497	-0.944
S8	0.012	1.178	0.000	72.000	61.766	-0.759

Internal Reference Calibration, performed Fri Aug 25 16:20:58 2017:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.290	0.000	0.290	1.000	0.000

Air Zero Calibration, performed Fri Aug 25 16:20:58 2017:

	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:	IT4B1-01			
Tool Model:	2 3/4" RIB Analog			
Performed:	Fri Aug 26 11:07:15 2016			
	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
			CableHead-TitanConeType2	1.03	1.44	3.60
CCL	13.50		CCL_Log-2 3/4" TekCo (IPSN7-03)	1.83	2.75	33.00
			Antelope-Overbody	1.25	2.75	
TEMP	10.05					
WVFS8	8.76		RBTA-2 3/4" RIB Analog (IT4B1-01)	9.13	2.75	102.00
WVFS7	8.76					
WVFS6	8.76					
WVFS5	8.76					
WVFS4	8.76					
WVFS3	8.76					
WVFS2	8.76					
WVFS1	8.76					
WVF3FT	8.01					
WVF5FT	7.01					
WVFSYNC	3.68					
WVFTEMP	3.68					
WVFCAL	3.68					
			Antelope-Overbody	1.25	2.75	
			GR_Log-2 3/4" TekCo (ISHV2-03)	3.68	2.75	47.00
GR	1.04					
LOCTIM	0.00					
UTCTIM	0.00					
PMON	0.00					

Dataset:	20180326_extraction_wssunrise 1-5-5_cbl.db: field/well/run1/pass2
Total length:	15.67 ft
Total weight:	185.60 lb
O.D.:	2.75 in

gyrodata

Company	Extraction Oil and Gas		
Well	WS-Sunrise 1-5-5		
Field	Wattenberg		
County	Weld		
State	Colorado	Country	U.S.A.