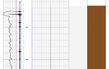
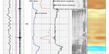
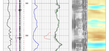
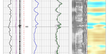
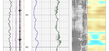
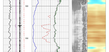


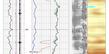


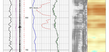


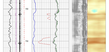


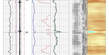


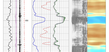


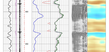


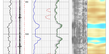


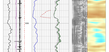


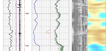


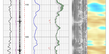


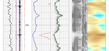


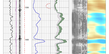


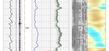


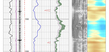


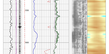


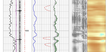


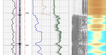


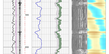


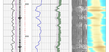


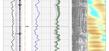


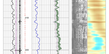


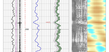


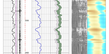


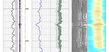


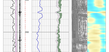


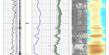


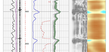


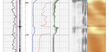


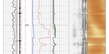


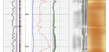


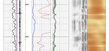


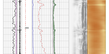


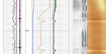


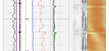


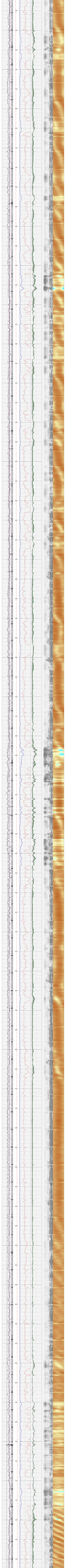


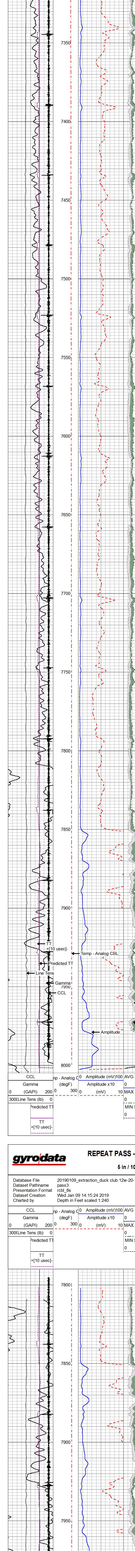








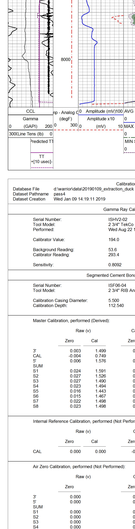


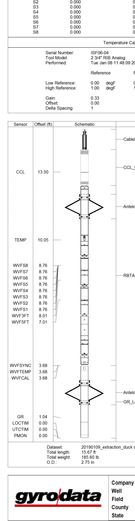


REPEAT PASS - Ran with 0 PSI

6 in / 100 ft

Database File 20190109_extraction_duck club 12w-20-11n_ctd#20190109_extraction_duck club 12w-20-11n_ctd.db
Database Pathname pass1
Presentation Format 100_2pp
Presentation Created Mon Jan 28 14:15:24 2019
Charles Tie Depth in Feet scaled 1:240





Calibration Report

Database File d:\warrior\data\20190109_extraction_duck club 12w-20-11n_ctd\20190109_extraction_duck club 12w-20-11n_ctd.db
Database Pathname pass4
Database Creation Wed Jan 09 14:10:11 2019

Gamma Ray Calibration Report

Serial Number: ISHU2-02
Tool Model: 2 3/4" TeleCo
Performed: Wed Aug 22 11:07:35 2018

Calibrator Value: 194.0 GAPI

Background Reading: 12.6 n/a
Calibrator Reading: 203.4 n/a

Sensitivity: 0.9292 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: ISF08-04
Tool Model: 2 3/4" RIB Analog

Calibration Casing Diameter: 5.500 in
Calibration Depth: 112.540 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.063	1.499	0.000	72.000	48.126	-0.124
CAL	0.000	1.500				
3'	0.096	1.510	0.000	72.000	47.867	-0.269
SUM						
5'	0.024	1.591	0.000	72.000	45.951	-1.093
52	0.027	1.526	0.000	72.000	48.039	-1.306
53	0.027	1.490	0.000	72.000	49.213	-1.339
54	0.030	1.443	0.000	72.000	50.653	-1.527
55	0.010	1.443	0.000	72.000	50.453	-0.627
56	0.015	1.467	0.000	72.000	49.603	-0.755
57	0.022	1.498	0.000	72.000	48.771	-1.070
58	0.023	1.498	0.000	72.000	48.784	-1.101

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.004	0.749	1.000	0.000

Air Zero Calibration, performed (Not Performed):

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
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

Temperature Calibration Report

Serial Number: ISF08-04
Tool Model: 2 3/4" RIB Analog
Performed: Tue Jan 08 11:48:09 2019

	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	

Dataset: 20190109_extraction_duck club 12w-20-11n_ctd.db :fieldtwellrun1:pass4
Total length: 15.87 ft
Total weight: 297.60 lb
O.D.: 2.75 in

Company	Extraction Oil and Gas, Inc.
Well	12W-20-11N
Field	Wattenberg
County	Adams
State	Colorado
Country	U.S.A.