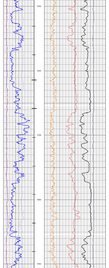
Comments

Gamma Ray Sensor: Schlumberger
Depth reference: Driller's depth measured from KB (+) or GL (-) to RT
Measured Depth Log: Driller's depth measured from RT
Vertical Depth Log: Driller's depth measured from RT

Thank you for choosing Weatherford Wireline Services, LLC!

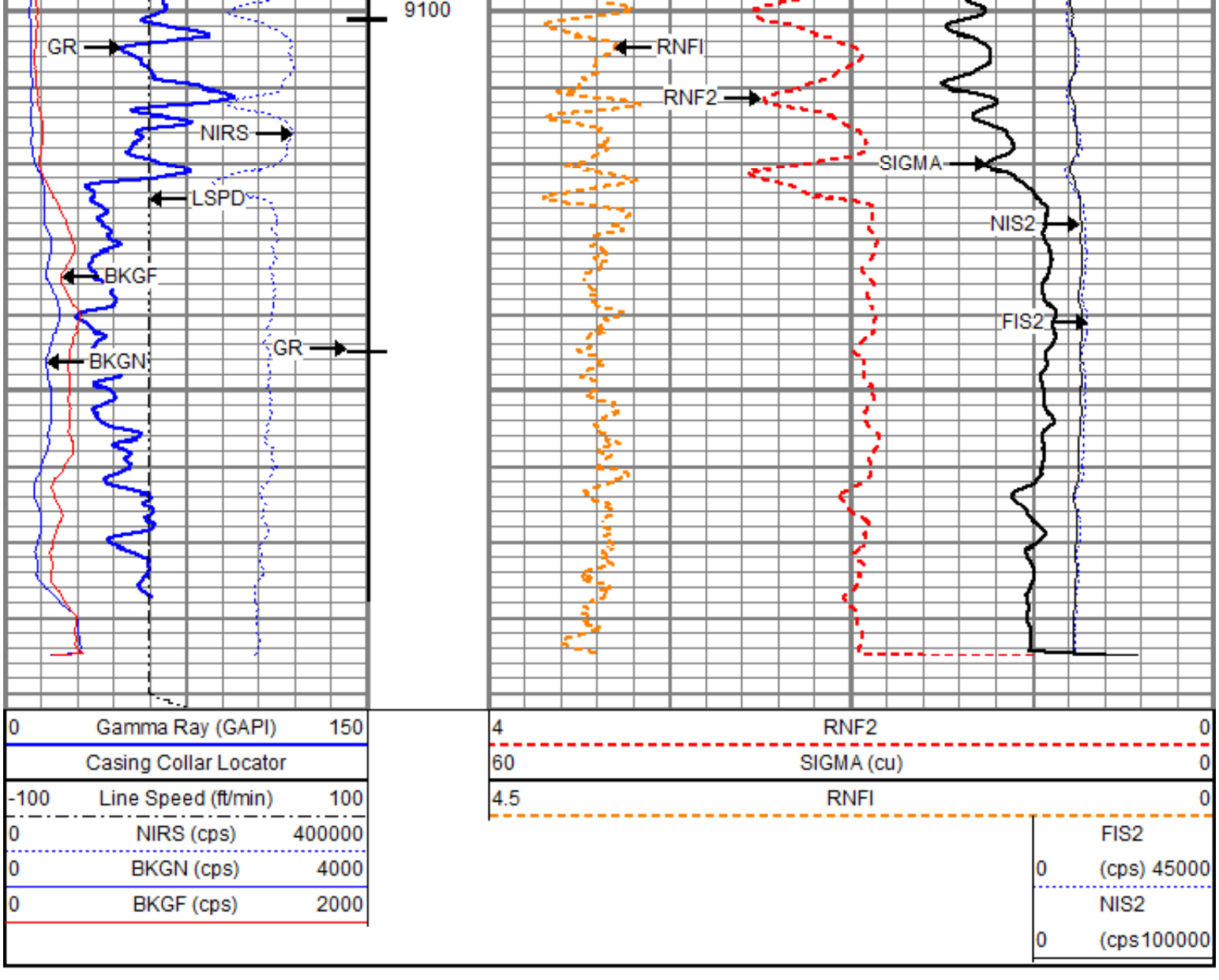


Main Pass

Company: Talisman Energy USA Inc.
Well: Bear Den 15-20-148-97
Field: Bear Den
Location: SW SE Sec. 20-T148N-R97W
Province/State: North Dakota
Country: USA
Permanent Datum: KB Elevation: 1,975.00 ft
Log Measured From: KB 25.00 ft above Permanent Datum
Drilling Measured From: RT

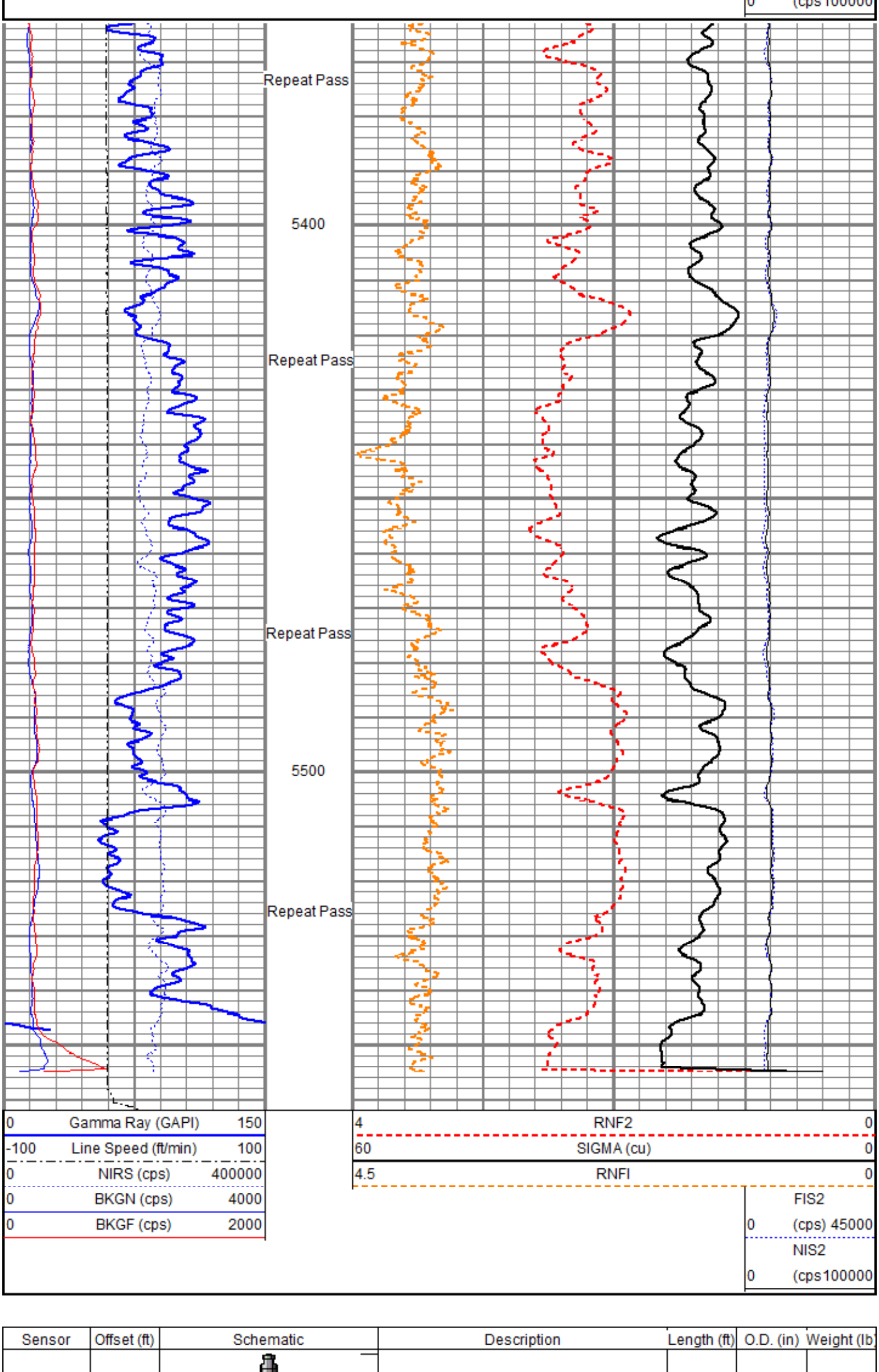
Date	10-Jun-2014		
Run Number	ONE		
Depth Driller	11,000 ft	Schlumberger Depth	11,000 ft
Bottom Logged Interval	11,000 ft	Top Logged Interval	10,000 ft
Bit Size	6.125 in	Type Fluid in Hole	OBM
Density / Viscosity	9.60 lb/gal	60 s/qt	
PV / YP	19 cP	15 lbf/100ft²	
Fluid Loss	4.0 cc		
Max Recorded Temperature	230 °F		
Estimated Surface Temperature	80 °F		

Run 1
Main Pass
Gamma Ray
Measured Depth



Repeat Pass

Database File	tep\pa 331-26\pn\tep_federal pa 331-26_pn_06-12-18.db
Dataset Pathname	repeat.2
Presentation Format	ros_pdn_hunter
Dataset Creation	Tue Jun 12 15:52:40 2018
Charted by	Depth in Feet scaled 1:240



Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan CHD-16875 GO Titan 1-11/16" Assembled Electric Cable Head w/ 1" Fishing Neck	1.03	1.69	5.40
			HWS_TCU-002 (001705) HWS Telemetry Control Unit (TCU002)	2.30	1.69	10.87
TCUTEMP	14.69					
TCUVOLT	14.69					
GCL_CCL	13.97					
			HWS_GCL-001 (001681) HWS Gamma Ray Collar Locator (1.6875")	2.69	1.69	13.40
GCL_GR	12.50					
GCL_GR	12.50					
Long	6.25		HWS_RAS-RAS002 (003041) Hunter Well Science Pulsed Neutron Tool	11.75	1.69	55.82
Far	6.25					
Near	6.25					
Anci	6.25					
			HWS_TBN-001 (001725) HWS Terminator Bull Nose (1.6875")	0.25	1.69	0.99

Dataset:	tep_federal pa 331-26_pn_06-12-18.db: field/well/run1/main.2
Total length:	18.02 ft
Total weight:	86.48 lb
O.D.:	1.69 in

Calibration Report

Database File	c:\programdata\warrior\data\tep\pa 331-26\pn\tep_federal pa 331-26_pn_06-12-18.db
Dataset Pathname	main.2
Dataset Creation	Tue Jun 12 15:51:33 2018

Gamma Ray Calibration Report

Serial Number:	001681	
Tool Model:	001	
Performed:	(Not Performed)	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	
Calibrator Reading:	1.0	
Sensitivity:	1.0000	GAPI/

Company	TEP Rocky Mountain LLC
Well	Federal PA 331-26
Field	Parachute
County	Garfield
State	Colorado