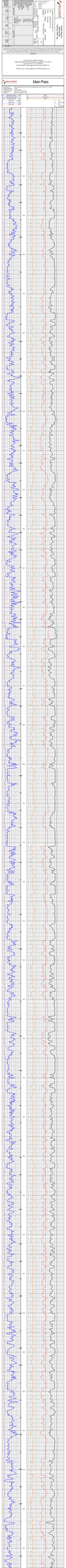
Main Pass
Schlumberger
Company: Repsol Exploration UK Limited
Well: 16/28-A
Field: Buzzard
Location: Block 16/28a
Country: United Kingdom
Permanent Datum: MSL
Elevation: 0 m
Log Measured From: RKB
Drilling Measured From: RKB
Run Number: 1
Depth Driller: 5,100 m
Depth Logger: 5,100 m
Bottom Logged Interval: 5,100 m
Top Logged Interval: 4,500 m
Casing Driller: 4,500 m @ 4,500 m
Casing Logger: 4,500 m @ 4,500 m
Bit Size: 8.5 in
Type Fluid in Hole: WBM
Density: 1.15 g/cm3
Viscosity: 45 s
PH: 9.5
Fluid Loss: 4.2 cm3
Source of Sample: Flowline
Rm @ Measured Temp: 0.12 ohmm @ 85 degC
Rmf @ Measured Temp: 0.09 ohmm @ 85 degC
Rmc @ Measured Temp: 0.18 ohmm @ 85 degC
Rm @ BHT: 0.08 ohmm @ 110 degC
Time Circulation Stopped: 14:30
Time Logger on Bottom: 18:45
Maximum Recorded Temperature: 110 degC
Equipment: SLB-PEX-HRLA-ECS-HNGS
Logging Engineer: J. Smith
Witness: M. Johnson
Main Pass
Gamma Ray (GR) 0 to 150 gAPI
Caliper (HCAL) 6 to 16 in
Deep Resistivity (HRLA) 0.2 to 2000 ohmm
Density Correction (HDRA) -0.5 to 0.5 g/cm3
Neutron Porosity (HNPO) 45 to -15 %
Photoelectric Factor (PEFZ) 0 to 10 b/e
Bulk Density (RHOZ) 1.95 to 2.95 g/cm3
Thank you for choosing Schlumberger
Schlumberger
Repsol Exploration UK Limited
Buzzard
16/28-A
Main Pass
Gamma Ray (GR) 0 to 150 gAPI
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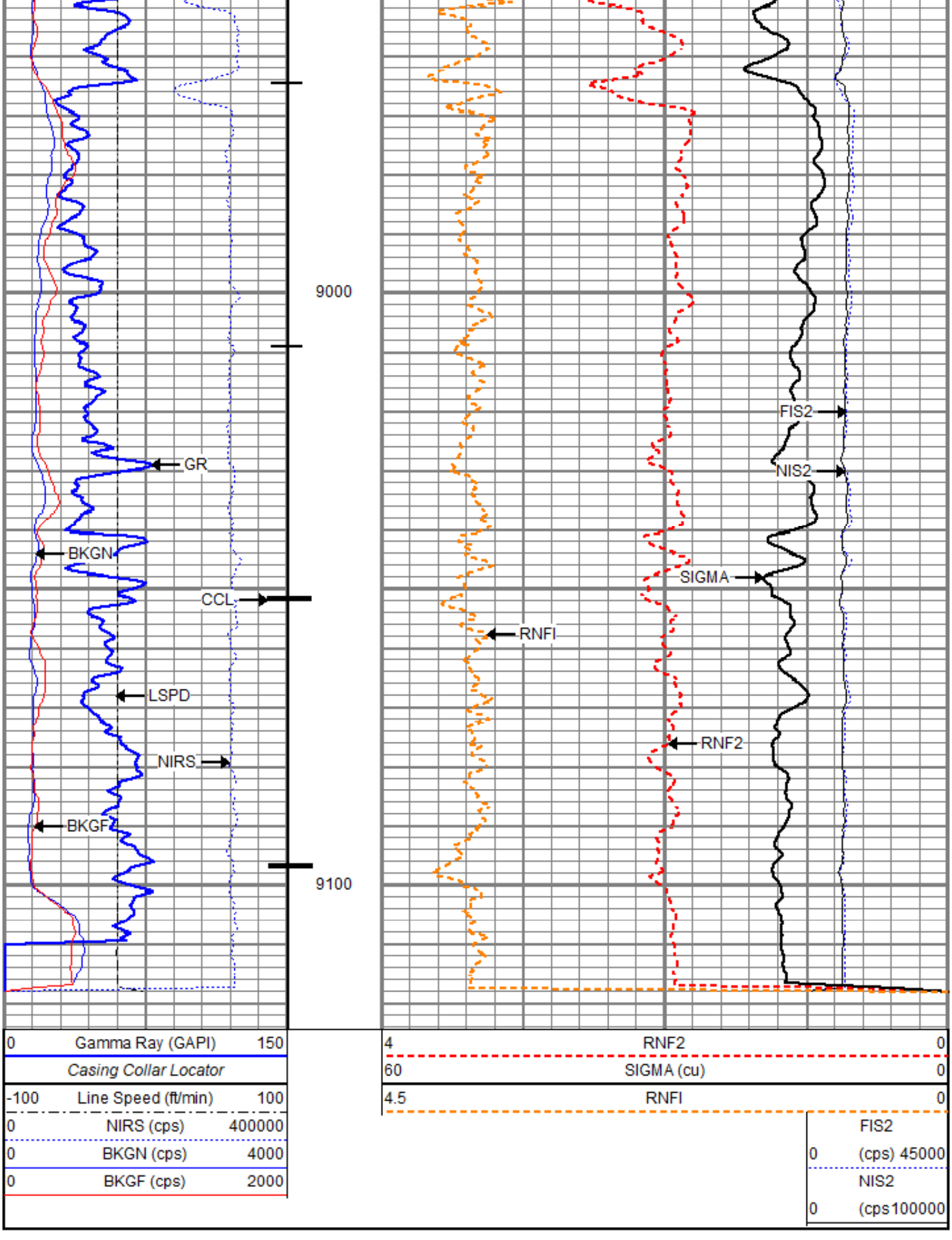
Scale 1:200
Scale 1:1000
Thank you for choosing Schlumberger



0	Gamma Ray (GAPI)	150	
	Casing Collar Locator		
-100	Line Speed (ft/min)	100	
0	NIRS (cps)	400000	
0	BKGN (cps)	4000	
0	BKGF (cps)	2000	

4	RNF2	0
60	SIGMA (cu)	0
4.5	RNFI	0
	FIS2	
0	(cps) 45000	
	NIS2	
0	(cps100000	

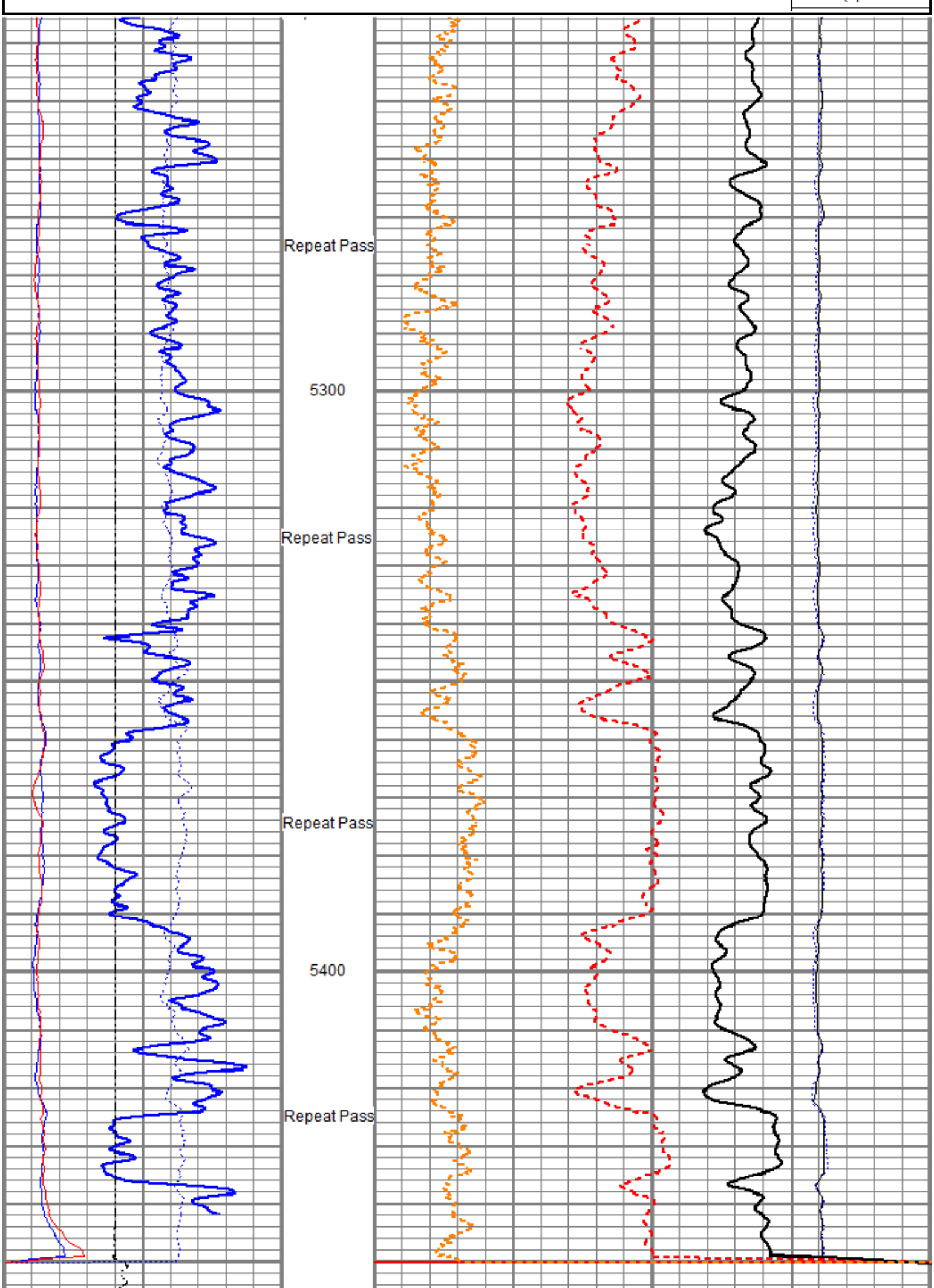
RELIANCE WIRELINE SERVICES

Repeat Pass

Database File	tep\tep_federal pa 411-26_pn_07-16-18\tep_federal pa 411-26_pn_07-17-18.db
Dataset Pathname	repeat.2
Presentation Format	ros_pdn_hunter
Dataset Creation	Tue Jul 17 11:24:23 2018
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	
-100	Line Speed (ft/min)	100	
0	NIRS (cps)	400000	
0	BKGN (cps)	4000	
0	BKGF (cps)	2000	

4	RNF2	0
60	SIGMA (cu)	0
4.5	RNFI	0
	FIS2	
0	(cps) 45000	
	NIS2	
0	(cps100000	



0	Gamma Ray (GAPI)	150	
-100	Line Speed (ft/min)	100	
0	NIRS (cps)	400000	
0	BKGN (cps)	4000	
0	BKGF (cps)	2000	

4	RNF2	0
60	SIGMA (cu)	0
4.5	RNFI	0
	FIS2	
0	(cps) 45000	
	NIS2	
0	(cps100000	

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 (001724) HWS Terminator Bull Nose (1.6875")	0.25	1.69	0.99

Dataset:	tep_federal pa 411-26_pn_07-17-18.db: field/well/run1/main.2
Total length:	18.02 ft
Total weight:	86.48 lb
O.D.:	1.69 in

RELIANCE WIRELINE SERVICES

Company	TEP Rocky Mountain LLC
Well	Federal PA 411-26
Field	Parachute
County	Garfield
State	Colorado