Comments

Log Run No and Date: Run 1 dated 13-Jun-2022
Depth reference: Driller's Depth measured from KB (1.07 [m] AT)
Casing Record: Surface Casing (9.625 [in]) @ 1000 [m]
Drilling Fluid Type: Water Based Mud
Parameters for Incoming Resistivity Enhanced Services: 2.1.0

Main Pass

This data is the property of Halliburton Energy Services, Inc. and is delivered subject to the terms and conditions of the agreement between the receiving party and Halliburton Energy Services, Inc.

Service Name	Logging Speed
HRLA-HNGS-HMRT-HCAL-HDSN	1800
MRIL-Prime	1800
MRIL-Prime	1800

Minimum	Maximum
0	150
0.1	1000
0.1	1000
0.1	1000
-0.25	0.25
0.45	-0.15
2.95	2.45
0	10
40	140
40	140
40	140

Neutron Porosity (dec)

Bulk Density (g/cm3)

Photoelectric Factor (b/e)

Delta-T Compressional (us/ft)

Delta-T Shear (us/ft)

Stoneley Slowness (us/ft)

Service Name	Logging Speed
HRLA-HNGS-HMRT-HCAL-HDSN	1800
MRIL-Prime	1800
MRIL-Prime	1800

Minimum	Maximum
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40	140

Neutron Porosity (dec)

Bulk Density (g/cm3)

Photoelectric Factor (b/e)

Delta-T Compressional (us/ft)

Delta-T Shear (us/ft)

Stoneley Slowness (us/ft)

Repeat Pass

Service Name	Logging Speed
HRLA-HNGS-HMRT-HCAL-HDSN	1800
MRIL-Prime	1800
MRIL-Prime	1800

Minimum	Maximum
0	150
0.1	1000
0.1	1000
0.1	1000
-0.25	0.25
0.45	-0.15
2.95	2.45
0	10
40	140
40	140
40	140

Neutron Porosity (dec)

Bulk Density (g/cm3)

Photoelectric Factor (b/e)

Delta-T Compressional (us/ft)

Delta-T Shear (us/ft)

Stoneley Slowness (us/ft)

Service Name	Logging Speed
HRLA-HNGS-HMRT-HCAL-HDSN	1800
MRIL-Prime	1800
MRIL-Prime	1800

Minimum	Maximum
0	150
0.1	1000
0.1	1000
0.1	1000
-0.25	0.25
0.45	-0.15
2.95	2.45
0	10
40	140
40	140
40	140

Neutron Porosity (dec)

Bulk Density (g/cm3)

Photoelectric Factor (b/e)

Delta-T Compressional (us/ft)

Delta-T Shear (us/ft)

Stoneley Slowness (us/ft)

Event	Remark	Comment
1	Logger on bottom	Tool zero at 1000.0 m
2	Start Main Pass	Main Pass at 1800 ft/hr
3	End Main Pass	Main Pass complete
4	Start Repeat Pass	Repeat Pass at 1800 ft/hr
5	End Repeat Pass	Repeat Pass complete
6	Start Pull Out	Pull out of hole
7	End Pull Out	Pull out complete

Long	6.00			HWS_RAS-RAS002 (003040) Hunter Well Science Pulsed Neutron Tool	11.75	1.69	55.82
Far	6.00						
Near	6.00						
Anci	6.00						

Dataset: processed_tep_puckett gm 514-8_pn_10-31-19.db: field/well/run1/main.2
Total length: 17.77 ft
Total weight: 85.49 lb
O.D.: 1.69 in

Calibration Report

Database File c:\techlog-projects\tep_mv 60-8d pad_gm 432-8 tw\data\import\gm 514-8\processed_tep_puckett gm 514-8_
Dataset Pathname main.2
Dataset Creation Fri Nov 01 11:58:54 2019

RAS Calibration Report

Calibration Date: Fri Nov 01 14:23 2019 Meas #: 003040

Water Tank

Description	Curve	Standard	Mean	Dev
Sigma Near	SIGN	23.1	24.3	0.31
Sigma Far	SIGF	22.8	23.5	0.38
Ratio Near-Long Capture	RNL2	5.79	6.42	0.07
Ratio Near-Long Burst	RNLB	6.49	6.65	0.04
Ratio Near-Far Capture	RNF2	1.85	1.99	0.02
Ratio Near-Far Burst	RNFB	2.03	2.15	0.01
Spectral Hydrogen Index	HIS2	12.84	12.91	0.19
Carbon-Oxygen Ratio	CORS	1.34	1.36	0.06
Ratio Burst-Capture Near	RNBC	1.46	1.74	0.01
Ratio Burst-Capture Far	RFBC	1.50	1.67	0.02

Hydrocarbon Tank

Description	Curve	Standard	Mean	Dev
Sigma Near	SIGN	25.7	26.7	0.32
Sigma Far	SIGF	25.1	25.6	0.46
Ratio Near-Long Capture	RNL2	1.78	2.96	0.02
Ratio Near-Long Burst	RNLB	2.57	4.34	0.02
Ratio Near-Far Capture	RNF2	0.98	1.30	0.01
Ratio Near-Far Burst	RNFB	1.30	1.65	0.01
Spectral Hydrogen Index	HIS2	16.68	17.87	0.36
Carbon-Oxygen Ratio	CORS	1.51	1.62	0.06
Ratio Burst-Capture Near	RNBC	2.23	2.44	0.02
Ratio Burst-Capture Far	RFBC	2.09	2.13	0.02

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/

RELIANCE
OILFIELD SERVICES

Company	TEP Rocky Mountain LLC
Well	Puckett GM 514-8
Field	Grand Valley
County	Garfield
State	Colorado