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Svc. Order #:	Techlog Vers: 2	2017.2	Analyst Manas		Process Date:	27-Dec-2017						
Mud and Borehole Measurements:												
Casing Size:		BHT : 5 degC		Bit Size: 8.5 in								
Casing ID:		Type Fluid in Hole: Se	a Water									
Casing Weight		Mud density: 8.6 lbm/g	al									

Remarks:

1. proVISION Plus processing result

2.T2 cutoff used is for clastics which is 33 ms.

3. Data might be affected due to borehole conditions.

Acquisition & Calibration

- Echo Amplitude MC: Frequency MC: Antenna Q MC: Temperature MC: Loop MC:
- 358.819 246.64 (kHz) 128.809 26 (degC)

- Number Sub-Meas: Number Echoes: Number Repeats: Echo Spacing: Wait Time:
- 3 1500;64;32;0;0 1;32;64;0;0 1200;800;600;0;0 (us) 12.7751;0.048;0.016;0 0 (s)

Processing Parameters

Preprocessing Inversion T2 Minimum: Stacking Levels: 9 1 (ms) T2 Maximum: Despike: yes 5000 (ms) Burst Baseline Corr: Inversion Components: 30 no Bend Ringing Corr: no Interpolation: 64 Signal Phasing: Manual Sub Measurements: 1;2;3 Start Echo: 2;2;2 Auto EPM Processing: LQC Threshold Parameters T1/T2 Input: 1.5 Polarization Corr Threshold: 0.015 (m3/m3) Polarization Correction: no Bad Hole Porosity: 0.4 (m3/m3)Regularization: Manual Bad Hole T2: 10 (ms) **Regularization Factor:** 0.2

Bound Fluid Permeability and Bin Porosity

	Peri	<u>meability</u>		<u>Timur</u>	<u>SDR</u>	<u>SDR</u>		
T2 Cutoff: 33 (ms)				yes	no	no		
				1	4	4		
	Poro	sity Exponent:		4	4	4		
	Ratio	o/T2LM Exp:		2	2	2		
<u>Bin Porosities (ms)</u>				0.01 (m3/m3)				
. 3	3 10) 33	100	300	1000	5000		
	33 (ms) <u>ms)</u>	Per 33 (ms) Com Mult Porc Rati ms) Bour . 3 10	Permeability 33 (ms) Computed: Multiplier: Porosity Exponent: Ratio/T2LM Exp: Bound Fluid Min: ms) 3 10 33	33 (ms) Computed: Multiplier: Porosity Exponent: Ratio/T2LM Exp: Bound Fluid Min: 3 10 33 100	PermeabilityTimur33 (ms)Computed:yesMultiplier:1Porosity Exponent:4Ratio/T2LM Exp:2ms)Bound Fluid Min:0.01 (m3,31033100	$\begin{array}{cccc} & & & & & & & & & & & \\ 33 \ (ms) & & & & & & & & & & & & & & \\ & & & & $		





2710									Z						
2715							· · · · · · · · · · · · · · · · · · ·		$\left\{ -\right\}$						
2720									$\sum_{k=1}^{n}$						
				Bins 7 & 8											
Reference (m) 1:200			Bin 6												
			Bin 5						F	ree Fluid	t				
	Washout GRMA		Bin 4						Вс	ound Flu	id	0.00	NMR	0.02	
				Bin 2			P40H				RHON		0 Т	2DIST_2D (m3	3/m3) 0.05
	0	gAPI	150	BIN 3		0.2	ohm.m	2000		1.6	g/cm3	2.6	1	(ms)	5000
		UCAV		Bins 1 & 2			P28H				MRP_2D		1	[2LM_2	2D
	6	in BS	16	MPD 2D		0.2		2000		0.6		0	1 	ms	5000
	6	<u>въ</u> in	16	$0.5 \text{ m}^{2/\text{m}^2}$	0	0.2		2000	0.2 mD 20000	0.6	<u>ргу_ру</u> m3/m3	0	1	me	<u>-</u> PV 5000
	0		10	0.0 110/110	0	0.2	Unin.iff	2000	0.2 110 20000	0.0	110/110	U	1	1113	0000