

HALLIBURTON

ARRAY COMPENSATED TRUE RESISTIVITY LOG

COMPANY	MERIT ENERGY		
WELL	ADAMS ATU N-5		
FIELD/BLOCK	HUGOTON		
COUNTY	GRANT		
STATE	KANSAS		
Permanent Datum	GL		Elev. 3123.0 ft
Log measured from	KB		15.0 ft above perm. Datum
Drilling measured from	KB		GL
Date	24-Jul-14		
Run No.	ONE		
Depth - Driller	3260.00 ft		
Depth - Logger	3242.0 ft		
Bottom - Logged Interval	3232.0 ft		
Top - Logged Interval	869.0 ft		
Casing - Driller	8.625 in	@ 862.0 ft	@
Casing - Logger	869.0 ft		
Bit Size	7.875 in	12.250 in	@ 1688.00 ft
Type Fluid in Hole	Water Based Mud		
Density	8.4 ppq	46.00 s/qt	
PH	11.00 pH	8.4 cp/m	
Source of Sample	MUD PIT		
Rm @ Meas. Temperature	0.500 ohmm	@ 75.00 degF	@
Rmf @ Meas. Temperature	0.42 ohmm	@ 75.00 degF	@
Rmc @ Meas. Temperature	0.560 ohmm	@ 75.00 degF	@
Source Rmf	MEASURED	MEASURED	
Rm @ BHT	0.36 ohmm	@ 108.0 degF	@
Time Since Circulation	5.0000 hr		
Time on Bottom	24-Jul-14 10:00		
Max. Rec. Temperature	108.0 degF	@ 3242.0 ft	@
Equipment	11230668		
Recorded By	J. BOLLUM		
Witnessed By	E. ZION		

COMPANY	MERIT ENERGY	STATE	KANSAS
WELL	ADAMS ATU N-5		
FIELD/BLOCK	HUGOTON		
COUNTY	GRANT		
API No.	15-067-21789-00-00		
Location	(SHL) 350' FNL & 600' FWL SE-NW-NW-NW		
Sect.	30	Twp.	27S
		Rge.	35W
Other Services:	MICROLOG DSNT, SDLT		

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Service Ticket No.: 901529745						API Serial No.: 15-067-21789-00-00						PGM Version: WL INSITE R4.2.0 (Build 2)											
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE												RESISTIVITY SCALE CHANGES											
Date		Sample No.										Type Log		Depth		Scale Up Hole		Scale Down Hole					
Depth-Driller																							
Type Fluid in Hole																							
Density		Viscosity																					
Ph		Fluid Loss																					
Source of Sample												RESISTIVITY EQUIPMENT DATA											
Rm @ Meas. Temp				@				@				Run No.		Tool Type & No.		Pad Type		Tool Pos.		Other			
Rmf @ Meas. Temp.				@				@				ONE		ACRT		N/A		1.5 S.O.		N/A			
Rmc @ Meas. Temp.				@				@						I776_S775									
Source Rmf		Rmc																					
Rm @ BHT				@				@															
Rmf @ BHT				@				@															
Rmc @ BHT				@				@															
EQUIPMENT DATA																							
GAMMA				ACOUSTIC				DENSITY				NEUTRON											
Run No.		ONE		Run No.				Run No.				Run No.											
Serial No.		GTET		Serial No.				Serial No.				Serial No.											
Model No.		10811258		Model No.				Model No.				Model No.											
Diameter		3.625"		No. of Cent.				Diameter				Diameter											
Detector Model No.		T-102		Spacing				Log Type				Log Type											
Type		SCINT						Source Type				Source Type											
Length		8'		LSA [Y/N]				Serial No.				Serial No.											
Disl																							









