



Triple Combo
4-Mineral/Dual Water
Mudlog

API WELL NO. 15077219060000

CLIENT
COMPANY
WELL
FIELD
COUNTY

SANDRIDGE ENERGY
4J RANCH 3408 1-33H
WILDCAT
077

STATE 15

LOCATION :
TWP: 34 S - Range: 8 W - Sec. 33
200 FSL 1980 FEL
SECTION 33, T34S, R8W, HARPER COUNTY, KANSAS

OTHER COMPUTATIONS
Rw=0.03

PERMANENT DATUM	GR	ELEV.	-999.25	ELEV	K.B.	1264
LOG MEASURED FROM	KB		ABOVE PERM DATUM	D.F.		
DRILLING MEASURED FROM	KB			G.L.		1246
DATE	1 - MAR - 2013					
RUN NO.						
DEPTH - DRILLER	9138					
DEPTH - LOGGER	9138					
BOTTOM LOGGED INTERVAL	9114					
TOP LOGGED INTERVAL	2450					
CASING - DRILLER	5242					
CASING - LOGGER						
BIT SIZE	6.13					
TYPE FLUID IN HOLE	WBM					
CASING SIZE	CASING WEIGHT					
DENSITY	VISCOSITY	27				
PH	FLUID LOSS	9.6				
SOURCE OF SAMPLE	FLOWLINE					
Rm @ MEASURED TEMP.	0.87 @ 71	@	@	@	@	@
Rmf @ MEASURED TEMP.	0.7 @ 71	@	@	@	@	@
Rmc @ MEASURED TEMP.	1.04 @ 71	@	@	@	@	@
SOURCE : Rmf	Rmc					
Rm @ BHT	@ 122	@	@	@	@	@
CIRCULATION STOP DATE	122					
MAX. REC. TEMP						
Company	LOCATION	Weatherford OKC				
RECORDED BY	STEVEN TOTTE					
WITNESSED BY	JUSTIN LYNCH					

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Interpretations are opinions based upon inferences from electrical or other measurements and algorithms, empirical relationships, and assumptions which are not infallible and with respect to which log analysts may differ. Accordingly, <Company Name> cannot and does not guarantee the accuracy or correctness of any interpretation and shall not be liable or responsible for any losses, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents, or employees.

COMPUTATION	LOGS USED: Triple Combo		PROGRAM: PRIZM
	CENTER: OKC		LOG ANALYST: Justin Lynch
	REFERENCE NUMBER: []		DATE: 7/18/2012

COMPUTATION PARAMETERS

ZONES	DEPTH INTERVAL		GRcln	GRshl	PhiCutoff	SwCutoff	VshCutoff	Rw		
	FROM	TO								
<Well>	2450.0	3814.0	15.0	110.0	0.025	0.8	0.5	0.025		
LNSG	3814.0	4097.0	15.0	110.0	0.025	0.8	0.5	0.025		
CGGV	4097.0	4996.0	15.0	110.0	0.025	0.8	0.5	0.025		
MPLM	4996.0	9300.0	15.0	110.0	0.025	0.8	0.5	0.025		

Correlation	Depth	RWA Flags	Open-Hole Porosity	Open-Hole Resistivity	Pore Space	Lithology	INT-LITH	Mudlog Data
CGR(N/A)	MD	>=.075	PHID	ResD(R85F)	PHIT	Sandstone	Sandstone	C1
150			0.3 -0.10	2.0 OHMM	0.0000			0.0 units 250
GR(GRGM)	BHF	>=.06	PHIN	ResM(R60F)	PHIA	Limestone	Limestone	C2
GAPI 150			0.3 -0.10	2.0 OHMM	0.0000			0.0 units 250
GRPO(N/A)	Vshl >.4	>=.045	SXP	ResS(R20F)	BVW	Dolomite	Dolomite	C3
150			0.3 -0.10	2.0 OHMM	0.0000			0.0 units 250







































