COMPANY	PETROLEUM RESOURCE MANAGMENT
WELL	HAMMOND E 23-18
FIELD	
WELL EXT	
COUNTY	BERKEN
COUNTY	WOODSON
STATE	KANSAS
COUNTRY	USA
API NO.	15-207-28556-00-00
LATITUDE	
LONGITUDE	
LOCATION	SEC. 23, T26S, R16E
LOCATION	1980' FSL & 1980' FWL
ELEVATION	GL 1000 KB 1005
DATE	06/21/18
DATUM	
LOG MEASURED FROM	KB 5.925 FT ABOVE GL
DRILLED FROM	KB
DRILLER'S TD	1100
LOGGER'S TD	1100
BOREHOLE FLUID	
BIT SIZE	7.875
CASING DRILLER	8.625 @ 21
CASING LOGGER	
BOREHOLE RECORD	
BOREHOLE RECORD	
REMARKS	
RIG	
RECORDED BY	
WITNESSED BY	

Century Wireline Services

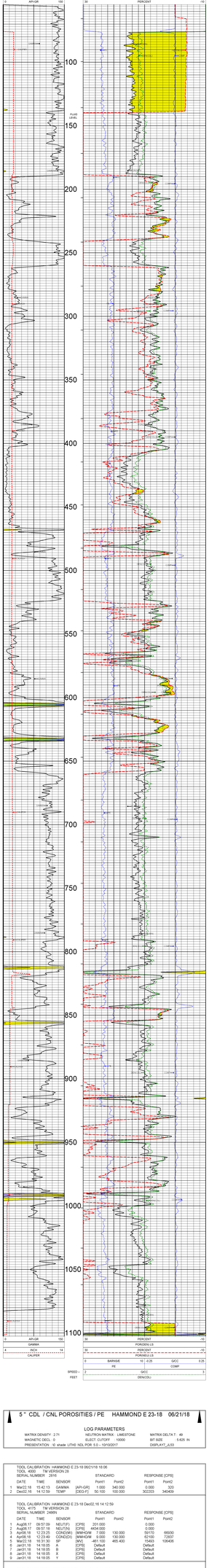
LITHO DENSITY
CDL / CNL POROSITIES
HAMMOND E 23-18

COMPANY PETROLEUM RESOURCE MANAGMENT
WELL HAMMOND E 23-18
FIELD
COUNTY WOODSON
STATE KANSAS
API NO. 15-207-28556-00-00
LOCATION SEC. 23, T26S, R16E
ELEVATION GL 1000 KB 1005
DATE 06/21/18
RUN NO. ONE
DEPTH DRILLER 1100
DEPTH LOGGER 1100
BTM LOG INTERVAL 1100
TOP LOG INTERVAL 21
CASING DRILLER 8.625 @ 21
CASING LOGGER
BIT SIZE 7.875
TYPE FLUID
DENSITY
VISCOSITY
PH
FLUID LOSS
SOURCE OF SAMPLE
RM @ MEAS. TEMP.
RMF @ MEAS. TEMP.
RMC @ MEAS. TEMP.
SOURCE RMF
SOURCE RMC
RM @ BHT
TIME SINCE CIRC.
TIME ON BOTTOM
MAX. REC. TEMP.
EQUIP. LOCATION
RECORDED BY
WITNESSED BY

5 " CDL / CNL POROSITIES / PE HAMMOND E 23-18 06/21/18

LOG PARAMETERS

MATRIX DENSITY 2.71	NEUTRON MATRIX LIMESTONE	MATRIX DELTA T 49
MAGNETIC DECL. 0	ELECT CUTOFF 10000	BIT SIZE 5.925 IN
PRESENTATION \0 shade LITHO NDL POR 5.0 - 10/10/2017		DISPLAY_JL53



5 " CDL / CNL POROSITIES / PE HAMMOND E 23-18 06/21/18

LOG PARAMETERS

MATRIX DENSITY 2.71	NEUTRON MATRIX LIMESTONE	MATRIX DELTA T 49
MAGNETIC DECL. 0	ELECT CUTOFF 10000	BIT SIZE 5.925 IN
PRESENTATION \0 shade LITHO NDL POR 5.0 - 10/10/2017		DISPLAY_JL53

TOOL CALIBRATION: HAMMOND E 23-18 06/21/18 18:06
TOOL 4000 TM VERSION 28
SERIAL NUMBER 2616

DATE	TIME	SENSOR	STANDARD Point1	STANDARD Point2	RESPONSE [CPS] Point1	RESPONSE [CPS] Point2
1 Mar22.18	15:42:13	GAMMA	1.000	340.000	0.000	320
2 Dec02.16	14:12:59	TEMP	[DEG-F] 50.100	100.000	302203	342408

TOOL CALIBRATION: HAMMOND E 23-18 Dec02.16 14:12:59
TOOL 4139 TM VERSION 29
SERIAL NUMBER 1489

DATE	TIME	SENSOR	STANDARD Point1	STANDARD Point2	RESPONSE [CPS] Point1	RESPONSE [CPS] Point2
1 Aug08.17	09:57:09	NEUTUF	[CPS] 201.000		0.000	
2 Aug08.17	12:23:25	CDNEUN	[MMHOM] 0.000		0.000	
3 Apr06.18	12:23:25	CDNEUN	[MMHOM] 7.000	130.000	59170	66930
4 Apr06.18	12:23:49	CDNEUN	[MMHOM] 9.000	130.000	62100	72837
5 Mar22.18	16:31:30	BF	[MV] -481.100	485.400	15400	105400
6 Jan31.18	14:18:05	A	[CPS] Default		Default	
7 Jan31.18	14:18:05	B	[CPS] Default		Default	
8 Jan31.18	14:18:05	X	[CPS] Default		Default	
9 Jan31.18	14:18:05	Y	[CPS] Default		Default	

TOOL CALIBRATION: HAMMOND E 23-18 Jan31.18 14:18:05
TOOL 4139 TM VERSION 29
SERIAL NUMBER 1489

DATE	TIME	SENSOR	STANDARD Point1	STANDARD Point2	RESPONSE [CPS] Point1	RESPONSE [CPS] Point2
1 Mar22.18	14:12:46	CALIPER	[INCH] 6.000	10.000	17.000	34.000
2 Mar22.18	14:16:44	DENLSS	[GCC] 2.500	2.500	31882	4835
3 Mar16.18	16:35:04	DENLSS	[GCC] 1.885	2.500	46829	20500
4 Jun21.18	15:00:00	PE	[BARNSE] 0.810	3.500	2.320	3.150
5 Mar16.18	15:07:08	DENLSS	[CPS] 3125.000		0.000	
6 Mar16.18	15:07:37	DENLSS	[CPS] 6466.000		0.000	