Century WIRELINE SERVICES

DENSITY - NEUTRON POROSITY
COMPENSATED DENSITY LOG
CENTURY P 1

POICAM-07-SS-V-23-J

| | |
|---|---|
| COMPANY | MIDAMAR ENERGY |
| WELL | P 1 |
| FIELD | POICAM |
| COUNTY | |
| STATE | |
| VERSION | |
| SERVICE | DENSITY SERVICES |
| | DNL |

064-4-21193

RECEIVED
SEP 03 2008
Oil & Gas Conservation Div.

| | |
|---|---|
| SECTION | 7 |
| TOWNSHIP | 39N |
| RANGE | 3W |
| API NO. | |
| PERMANENT DATUM | MSL |
| LOG MEASURED FROM | ELEVATION 14 MA |
| DRILLING MEASURED FROM | ELEVATION 14 MA |
| DATE | 12/19/07 |
| DEPTH DRILLER | 240' |
| DEPTH LOGGER | 241' |
| BTM LOG INTERVAL | 181' 00 |
| TOP LOG INTERVAL | 20' 00 |
| CASING TYPE | STEEL |
| CASING BOTTOM | 20' 00 |
| BIT SIZE | 4 1/2 |
| TYPE FLUID | WATER |
| MUD WEIGHT | 8.3 |
| VISCOSITY | 50 |
| RM SAMPLE/MEAS | NA |
| RMF SAMPLE/MEAS | NA |
| RMC SAMPLE/MEAS | NA |
| MAX RECORDED BY | LOPEZ |
| OPERATOR | K.KRAMER |
| REMARKS 1 | |
| REMARKS 2 | |

TOOL SERVICES INCLUDED: DENSITY / DIAMETER / GAMMA / NEUTRON

## 5 INCH LOG, POROSITIES P 1 12/19/07

LOG PARAMETERS

| | | | | | |
|---|---|---|---|---|---|
| MATRIX DENSITY | 2.65 | NEUTRON MATRIX | SANDSTONE | MATRIX DELTA T | 54 |
| MAGNETIC DECL. | 0 | ELECT. CUTOFF | 2500 | BIT SIZE | 4.50 |
| PRESENTATION NAME/DATE = | | CENTURY NDL POR 5.0 | 12/05/2007 | VERSION = 3.64EN | |




## 5 INCH LOG, POROSITIES P 1 12/19/07

LOG PARAMETERS

| | | | | | |
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| PRESENTATION NAME/DATE = | | CGC CDL 5.0 | 08/29/2007 | VERSION = 3.64EN | |




## 5 INCH LOG, DENSITY P 1 12/19/07

LOG PARAMETERS

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| MATRIX DENSITY | 2.65 | NEUTRON MATRIX | SANDSTONE | MATRIX DELTA T | 54 |
| MAGNETIC DECL. | 0 | ELECT. CUTOFF | 2500 | BIT SIZE | 4.50 |
| PRESENTATION NAME/DATE = | | CGC CDL 5.0 | 08/29/2007 | VERSION = 3.64EN | |

## 25 INCH LOG, HIGH RES. DENSITY P 1 12/19/07

LOG PARAMETERS

| | | | | | |
|---|---|---|---|---|---|
| MATRIX DENSITY | 2.65 | NEUTRON MATRIX | SANDSTONE | MATRIX DELTA T | 54 |
| MAGNETIC DECL. | 0 | ELECT. CUTOFF | 2500 | BIT SIZE | 4.50 |
| PRESENTATION NAME/DATE = | | CENTURY CDL 25 .0 | 12/05/2007 | VERSION = 3.64EN | |




## 25 INCH LOG, HIGH RES. DENSITY P 1 12/19/07

LOG PARAMETERS

| | | | | | |
|---|---|---|---|---|---|
| MATRIX DENSITY | 2.65 | NEUTRON MATRIX | SANDSTONE | MATRIX DELTA T | 54 |
| MAGNETIC DECL. | 0 | ELECT. CUTOFF | 2500 | BIT SIZE | 4.50 |
| PRESENTATION NAME/DATE = | | CENTURY CDL 25 .0 | 12/05/2007 | VERSION = 3.64EN | |