217-22169

**Century WIRELINE SERVICES**

# COMPENSATED DENSITY LOG

## BUZZARD # 1 Released 07/29/2009

[illegible]

~~[illegible]~~

~~CONFIDENTIAL~~

| | |
|---|---|
| COMPANY | OSAGE PLAINS RESOURCES LLC |
| WELL | BUZZARD # 1 |
| FIELD | |
| COUNTY | VERNON |
| STATE | MISSOURI |

OTHER SERVICES:
DIL

| | |
|---|---|
| LOCATION | 1455' FNL & 242' FWL FSE |
| SECTION | 27 |
| TOWNSHIP | 38N |
| RANGE | 33W |
| API NO. | 22169 |
| UNIQUE WELL ID. | NA |

RECEIVED
JUL 29 20[illegible]
Mo Oil & Gas Council

| | | |
|---|---|---|
| PERMANENT DATUM | G.L. | ELEVATION KB NA |
| LOG MEASURED FROM | G.L. | ELEVATION DF NA |
| DRL MEASURED FROM | G.L. | ELEVATION GL 883' |

| | |
|---|---|
| DATE | 06/03/08 |
| DEPTH DRILLER | 460' |
| BIT SIZE | 6.00 |
| LOG TOP | 0.00 |
| LOG BOTTOM | 482.70 |
| CASING OD | 7" |
| CASING BOTTOM | 20' |
| CASING TYPE | STEEL |
| BOREHOLE FLUID | F.W. |
| RM TEMPERATURE | NA |
| MUD RES | NA |
| MUD WEIGHT | 8.3 |
| WITNESSED BY | MR HAMPSHIRE |
| RECORDED BY | K.RUNNELS |
| REMARKS 1 | |
| REMARKS 2 | |

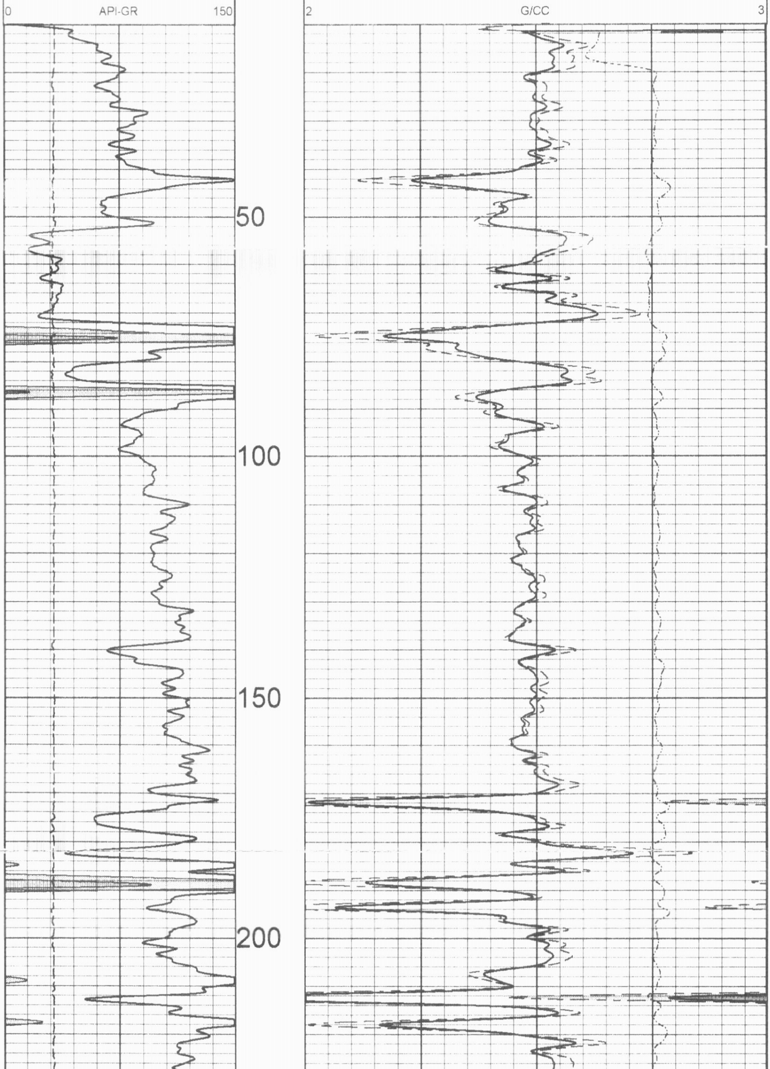
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

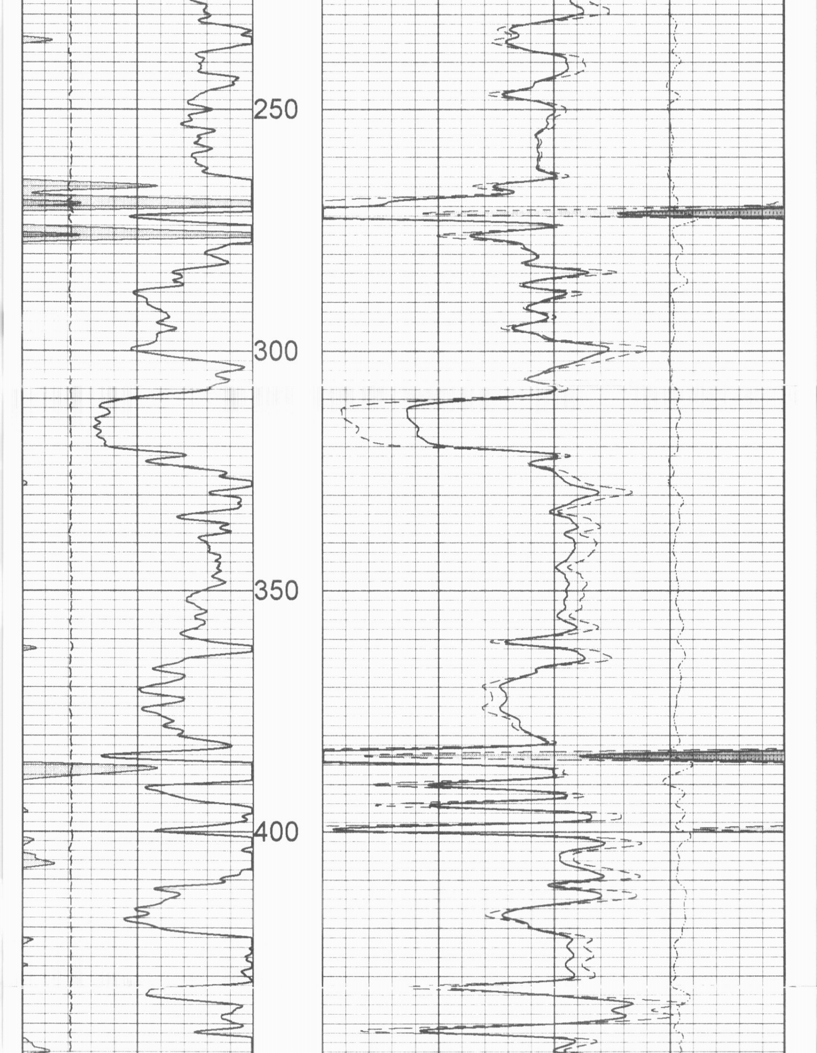
## 5 INCH LOG, DENSITY BUZZARD # 1 06/03/08

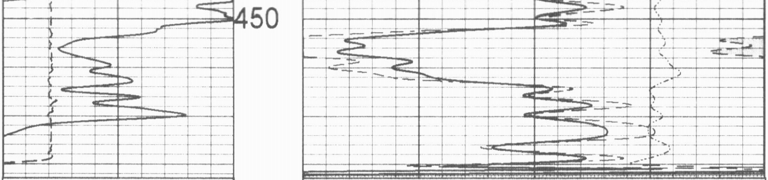
### LOG PARAMETERS

MATRIX DENSITY : 2.65
NEUTRON MATRIX : SANDSTONE
MATRIX DELTA T : 54
MAGNETIC DECL : 0
ELECT. CUTOFF : 10000
BIT SIZE : 6.00
PRESENTATION NAME/DATE = 1 AOSAGE CGC CDL 5 .0 06/02/2008
VERSION = 3.64ES

| CALIPERL | FEET | COMP |
|---|---|---|
| 4 INCH 14 | | -0.25 G/CC 0.25 |
| GAMMA | | POR(DEN) |
| | | 30 PERCENT -10 |
| | | DEN(CDL) |







0 API-GR 150

GAMMA

4 INCH 14

CALIPERL

FEET

2 G/CC 3

DEN(CDL)

30 PERCENT -10

POR(DEN)

-0.25 G/CC 0.25

COMP

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BIT SIZE : 6.00
PRESENTATION NAME/DATE = 1 AOSAGE CGC CDL 5 .0 06/02/2008
VERSION = 3.64ES

## 25 INCH LOG, HIGH RES. DENSITY BUZZARD # 1 06/03/08

### LOG PARAMETERS

MATRIX DENSITY : 2.65
NEUTRON MATRIX : SANDSTONE
MATRIX DELTA T : 54
MAGNETIC DECL : 0
ELECT. CUTOFF : 10000
BIT SIZE : 6.00
PRESENTATION NAME/DATE = 1 A OSAGE CDL 25 .0 06/04/2008
VERSION = 3.64ES

**FEET**

**COMP**

**-0.25 G/CC 0.25**

**CALIPERL**

**4 INCH 14**

**GAMMA**

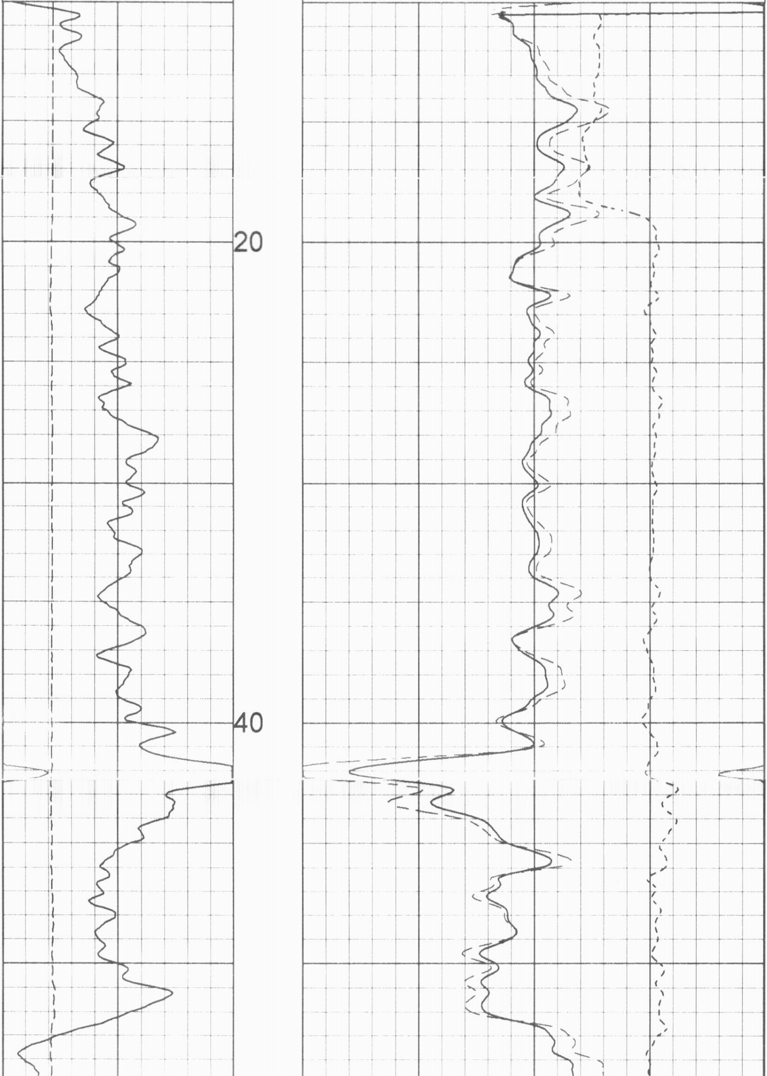
**0 API-GR 150**

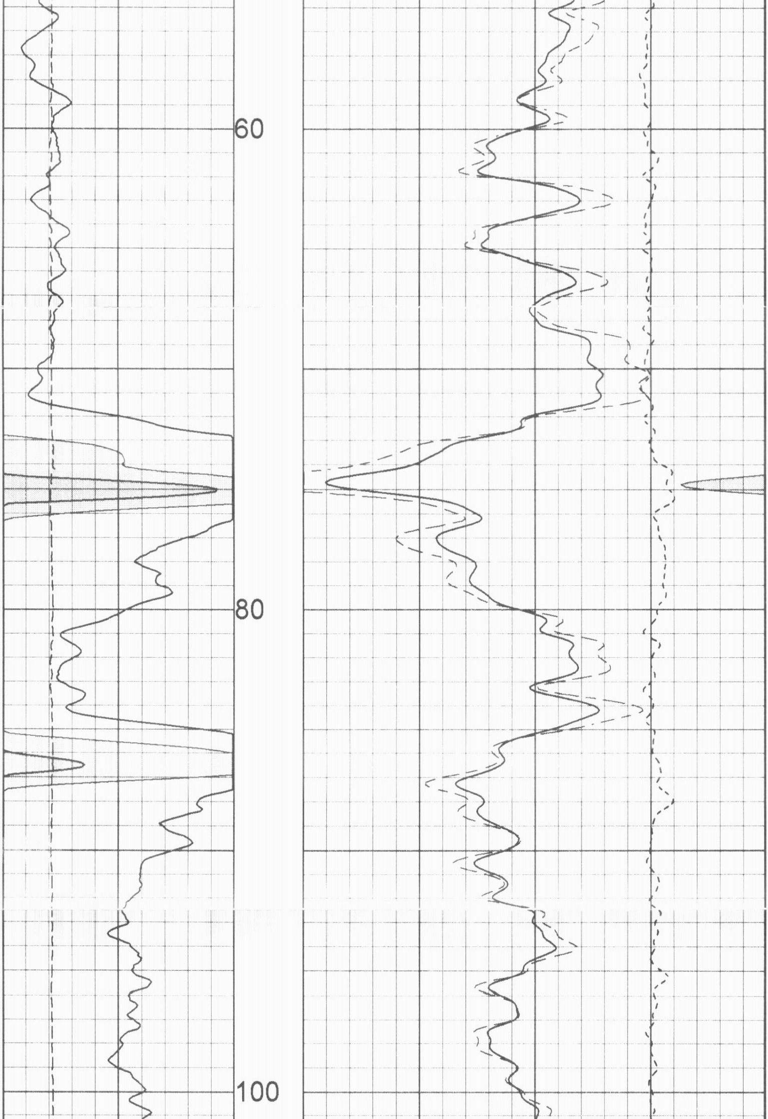
**POR(DEN)**

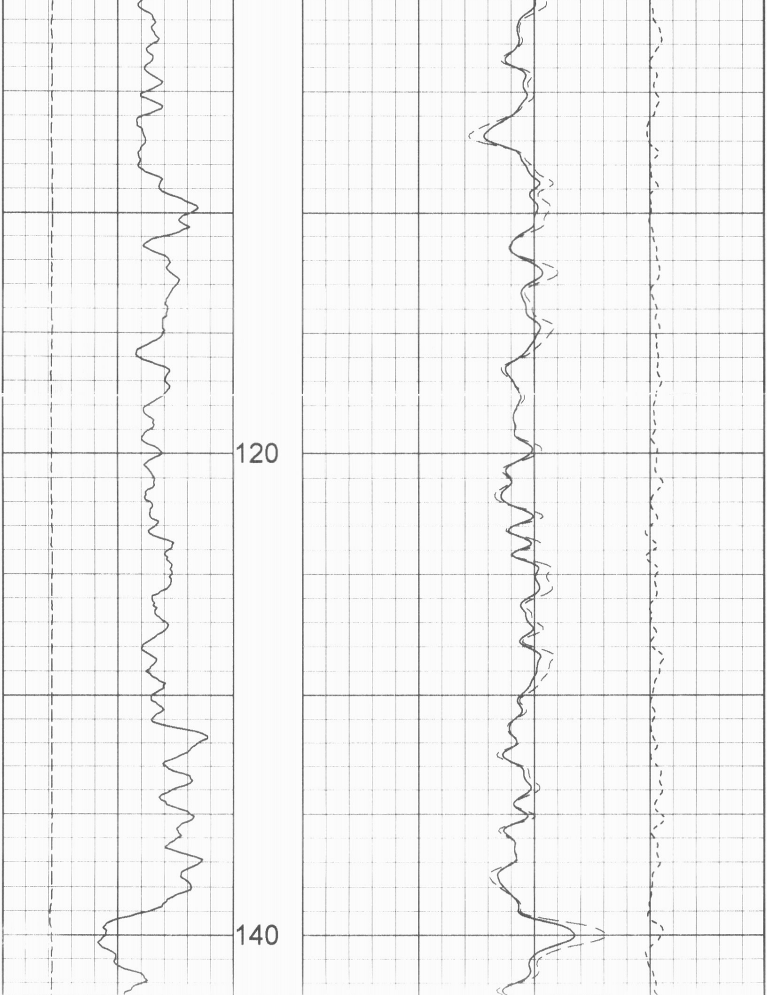
**30 PERCENT -10**

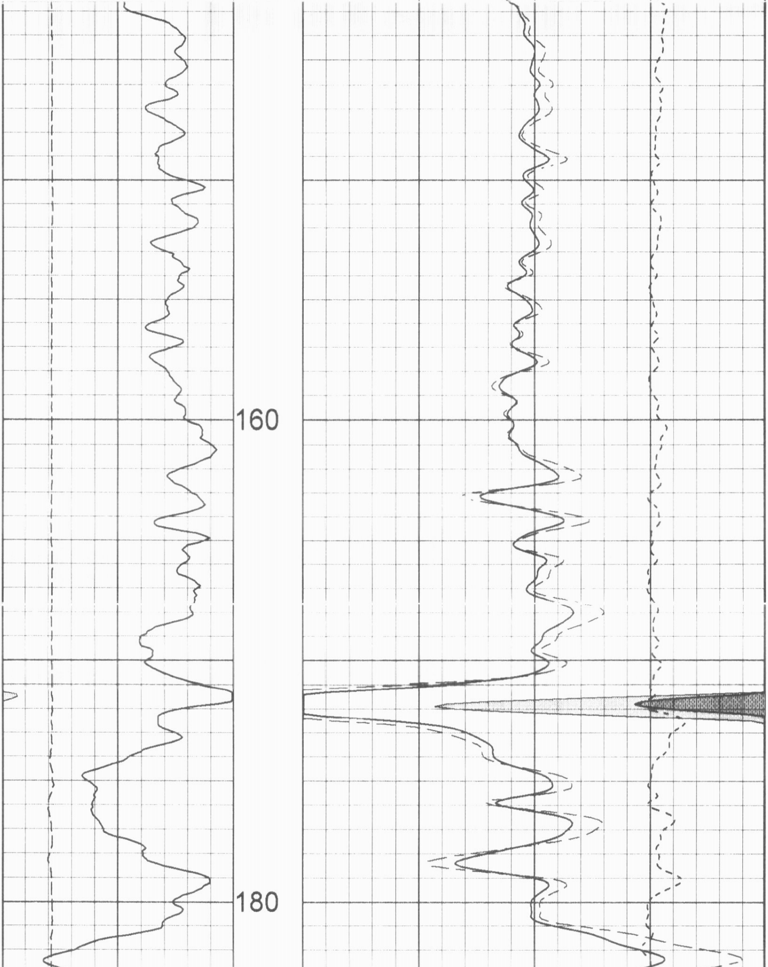
**DEN(CDL)**

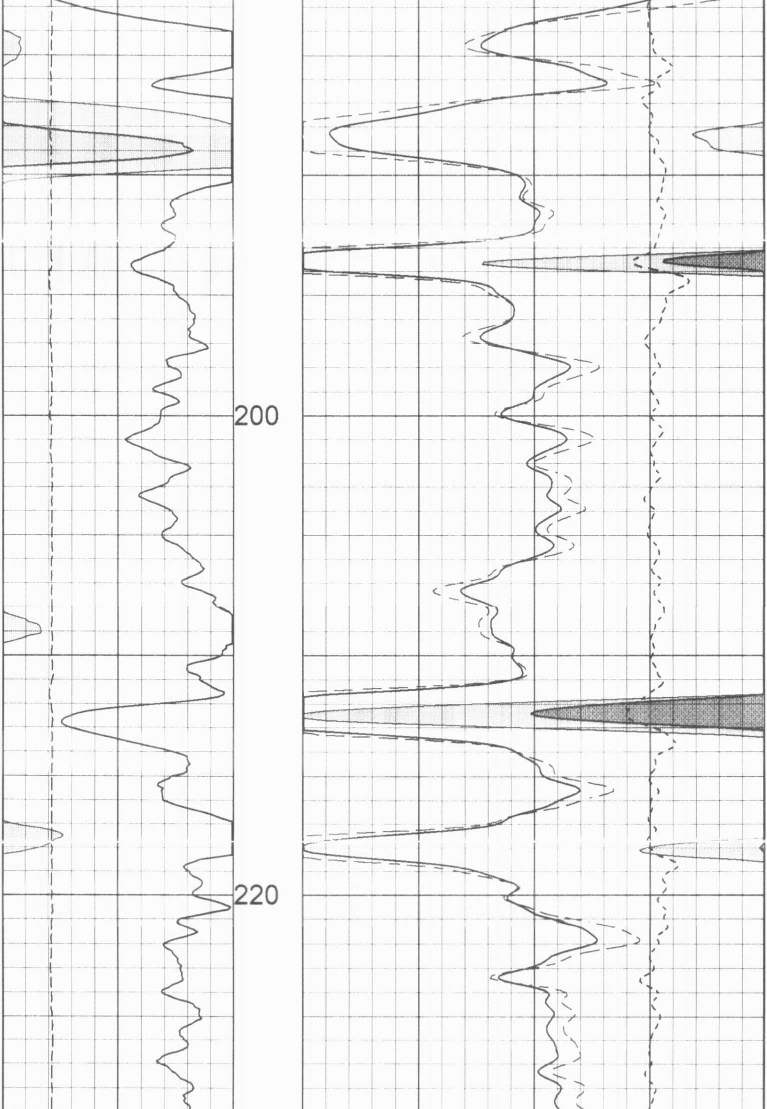
**2 G/CC 3**

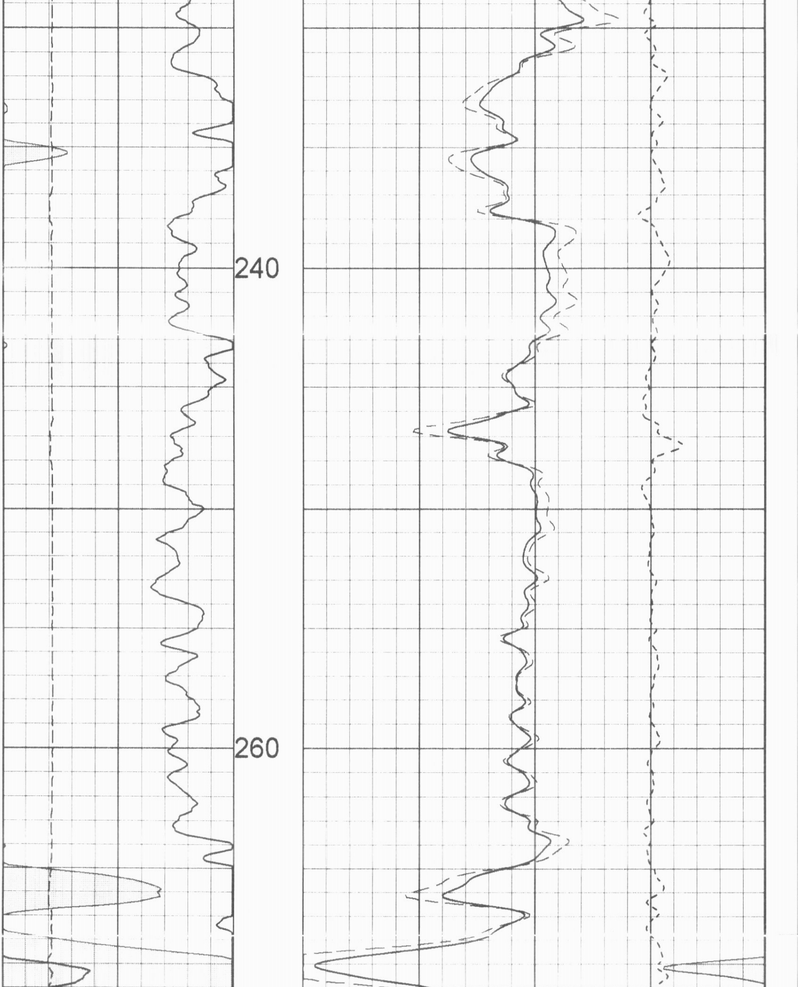


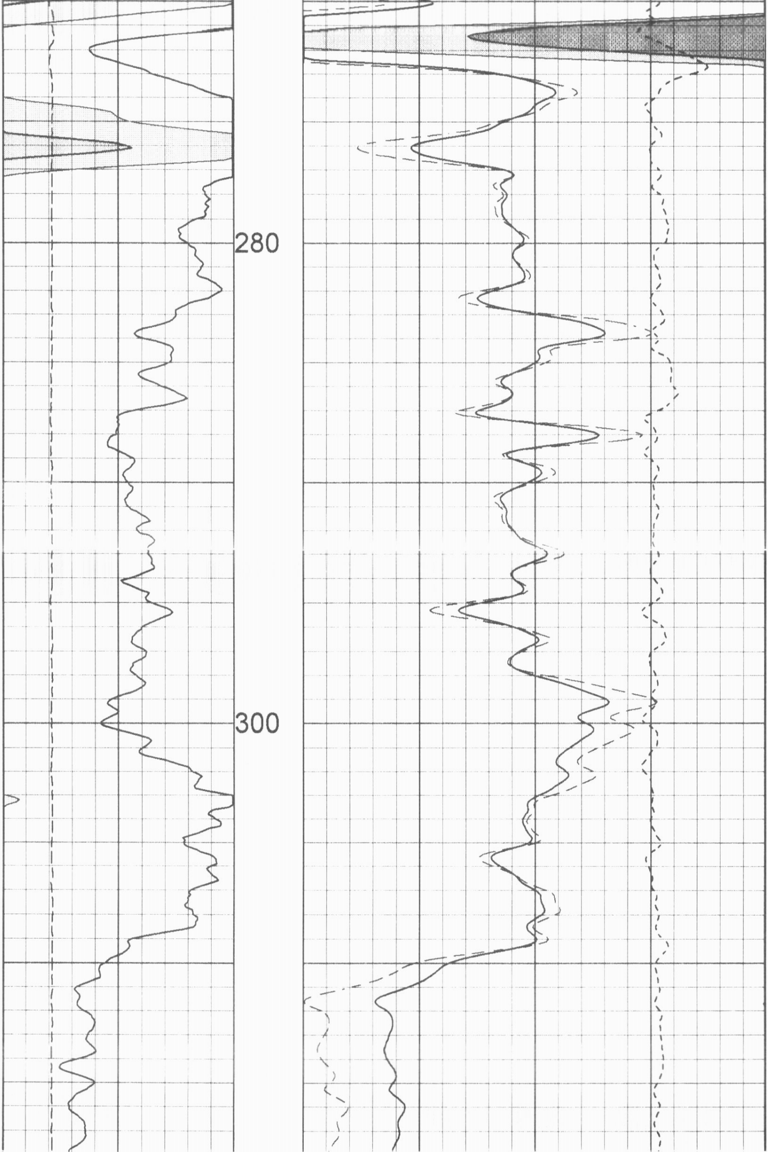


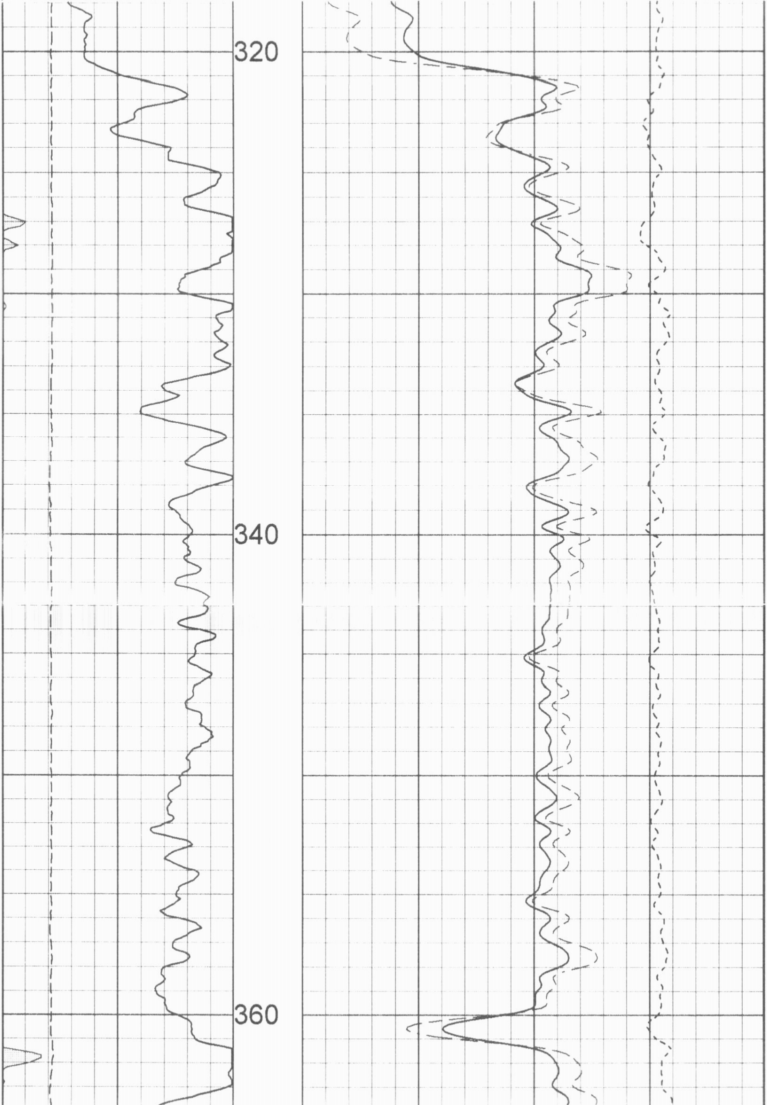


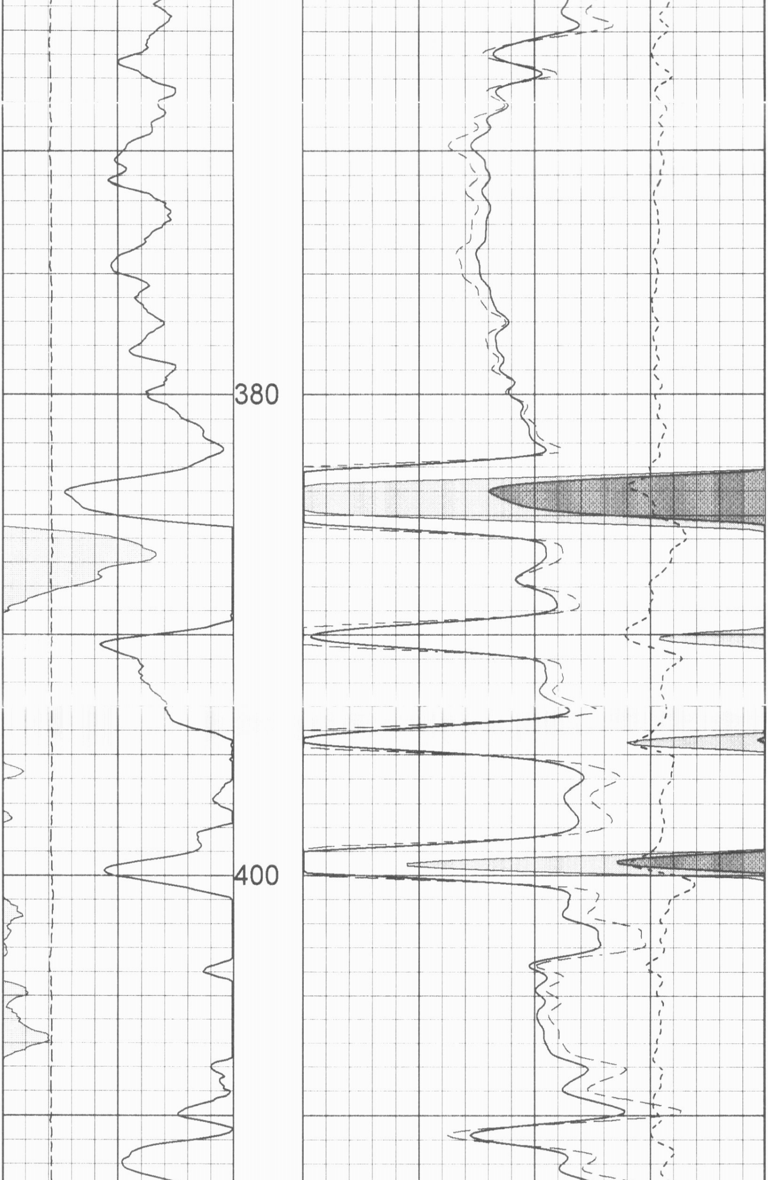


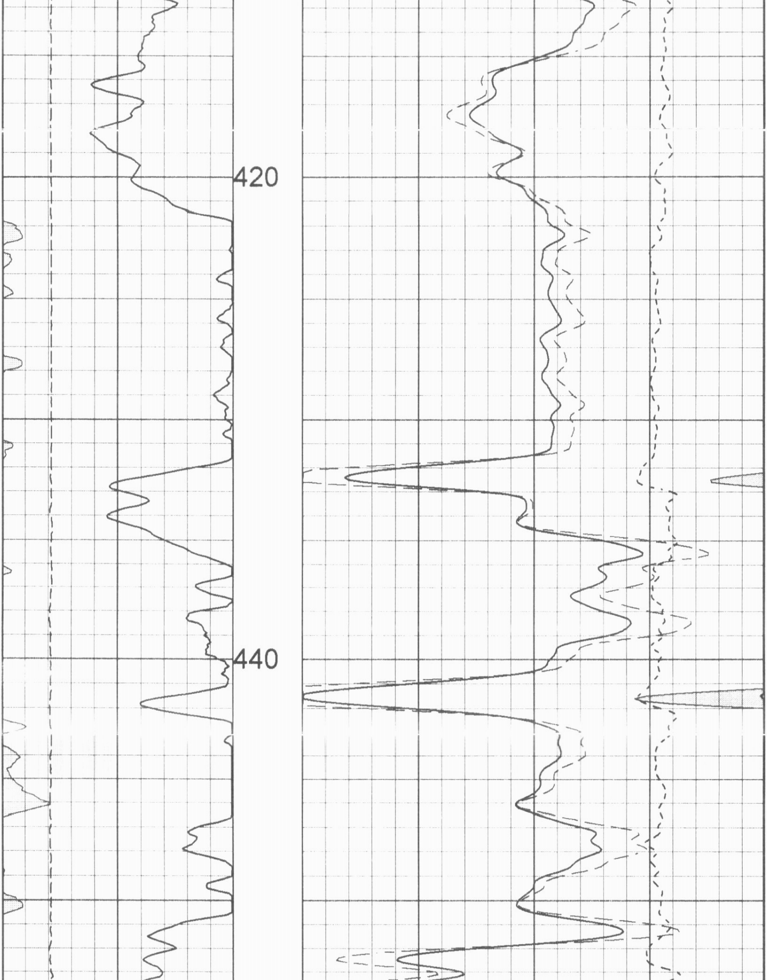


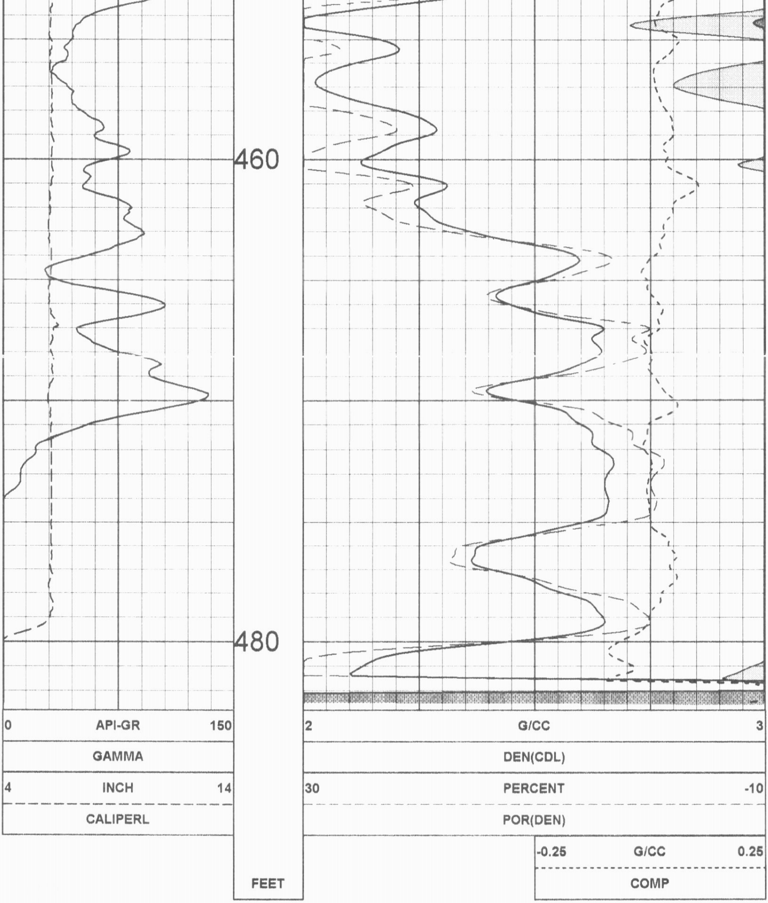












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