Century WIRELINE SERVICES

DUAL INDUCTION

BUZZARD # 1 (GEORGE ULRICH)

[redacted]

OTHER SERVICES: DIL

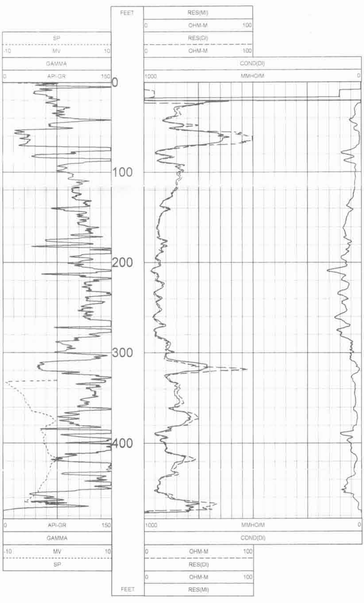
WITNESS: BUZZARD
FIELD: BUZZARD
STATE: KANSAS
COUNTY: NESS
LOCATION: 1320 FNL & 330' FWL OF SE
TOWNSHIP: 20S
RANGE: 22W
GRADUAL WELL ID: NA
PERMANENT DATUM: GL
LOG MEASURED FROM: DRILLING FROM KB
DRILLING MEASURED FROM: KB
SEC: 20
API NO: 15-135-24,517
ELEVATION OF GL: 2246
ELEVATION OF KB: 2251
ELEVATION OF DF: 2250

RECEIVED
JUL 24 2008
Mo Oil & Gas Council

2-17-2008

SERIAL NO: 2-65
BIT SIZE: 6.0
CASING SIZE: 8.5
CASING DEPTH: 400.75
LOG BOTTOM: 3.0
BP SIZE: 6.0
BP DEPTH: 400
LOG TYPE: DIL
CASING TYPE: 8.5
CASING WEIGHT: 24
MAX TEMP: 110
RECORDED BY: JP
WITNESSED BY: NA
MAX RECORDED TEMP: NA
MAX TIME: NA
MAX AMPERAGE: NA
MAX VOLTAGE: NA
RECORDED BY: K. RUNNELS
WITNESSED BY: NA
REMARKS: FLOAT LOAD @ 20'

ALL SERVICES PERFORMED SUBJECT TO CENWELL'S STANDARD TERMS AND CONDITIONS



2 INCH LOG, DUAL INDUCTION 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 6.0
PRESENTATION NAME/DATE = 1 A CENTURY DIL AIR ALL Drilled D/0 2 Inch 0 03/15/VERSION = 3.64ES		

2 INCH LOG, DUAL INDUCTION BUZZARD # 1 06/03/08

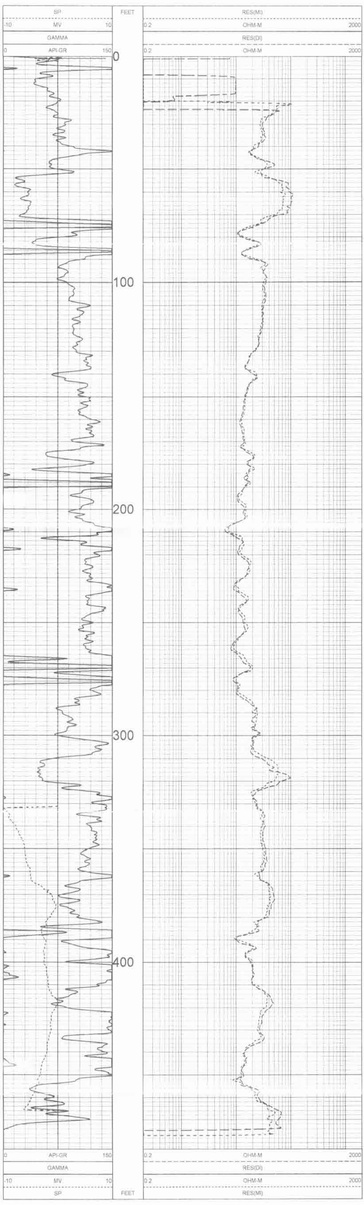
LOG PARAMETERS

MATRIX DENSITY 2.65 NEUTRON MATRIX SANDSTONE MATRIX DELTA T 54
MAGNETIC DECL. 0 ELECT. CUTOFF 10000 BIT SIZE 6.0
PRESENTATION NAME/DATE = 1 A CENTURY DIL AIR ALL Drilled D/0 2 Inch 0 03/15/VERSION = 3.64ES

5 INCH LOG, DUAL INDUCTION 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 6.0
PRESENTATION NAME/DATE = 1 A DIL AIR Drilled 5 Inch/SP.0 06/04/2008		VERSION = 3.64ES



5 INCH LOG, DUAL INDUCTION 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 6.0
PRESENTATION NAME/DATE = 1 A DIL AIR Drilled 5 Inch/SP.0 06/04/2008 VERSION = 3.64ES