Gr. Lo.#

Run No. 2-24-82

GREAT GUNS

Compensated Density Analysis

FILING NO.

COMPANY JENNINGS DRILLING COMPANY

WELL DUNLOP NO. 5

FIELD

COUNTY CASS STATE MISSOURI

LOCATION SEC. 9 TWP. 46N RGE. 33W ELEV. K.B. ---- D.F. ---- G.L. 1082

Permanent Datum: GROUND LEVEL Elev. 1082

Log Measured From: GROUND LEVEL 14 Above Perm. Datum

Drilling Measured From: K.B.

Date 2-4-82

Run Number ONE

Depth Driller 630

Depth Logger 627

Bottom Logged Interval 626

Top Log Interval 20

Casing - Driller 20 @ 0

Casing - Logger 20

Bit Size 7 7/8

Type Fluid in Hole NO ROTARY FLUID

Density 9.0 Viscosity --

pH --

Fluid Loss --

Source of Sample --

Rm @ Meas. Temp. --

Rmf @ Meas. Temp. --

Rmc @ Meas. Temp. --

Source: Rmf -- Rmc --

Rm @ BHT --

Time Since Circ. --

Max. Rec. Temp. 30 C

Equipment Location CASS, MO

Recorded by R. BLUE

Witnessed by --

RELEASED

FEB 17 1983

RECEIVED

Unless Great Guns has not guaranteed the accuracy of any information or interpretation of log data contained in this report or presented in such a manner as to convey to the reader that Great Guns is responsible for any of the results shown on the logs or any other conclusions. Any use of such data, interpretations, conclusions, or recommendations shall be at the sole risk of the user and Great Guns is not responsible nor liable for any negligence or willful misconduct, for any loss, damages, or expenses resulting from the use thereof.

Equipment Data

Run No.	Tool No.	Source No.	Panel No.	Logging Unit	Location
ONE	3100E	CSV 587	30247	41	CLINT

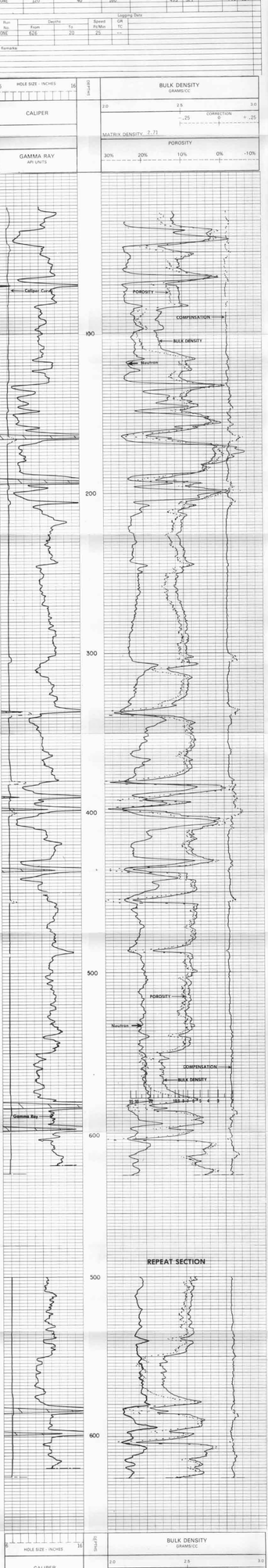
Calibration Data

Run No.	Gamma Ray API Scale	Gamma Ray Background CPS	Gamma Ray Std. CPS	Gamma Ray Ds CPS AT	CDT Ds CPS AT 2.0	CDT Ds CPS AT 3.0	CDT DL CPS AT 2.0	CDT DL CPS AT 3.0
ONE	100	60	360	--	693	321	--	731

Logging Data

Run No.	Depths From	Depths To	Speed Ft/Min	GR TC
ONE	626	20	25	--

Remarks



6 HOLE SIZE - INCHES 16
CALIPER
GAMMA RAY
API UNITS
Scale 1:240
BULK DENSITY
GRAMS/CC
2.0
2.5
3.0
CORRECTION
-.25
0
+.25
MATRIX DENSITY 2.71
POROSITY
30%
20%
10%
0%
-10%

COMPANY JENNINGS DRILLING COMPANY

WELL DUNLOP NO. 5

LOCATION SEC. 9-46N-33W

COUNTY CASS, MO

DATE 2-4-82

DRILLER T.D. 630

GREAT GUNS LOG T.D. 627

GREAT GUNS LOG F.R. 626