



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-137-20,511-00-00

Company Pioneer Resources

Well Kemper No.2

Field Ray West

County Norton

State Kansas

Location

NW NE SE SE
1100' FSL & 650' FEL

Other Services
DIL
MEL

Sec: 23

Twp: 5S

Rge: 21W

Elevation

Permanent Datum

Ground Level

Elevation 2174

Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum

K.B. 2182
D.F.
G.L. 2174

Date

12/20/2009

Run Number

One

Type Log

CNL / CDL

Depth Driller

3680

Depth Logger

3670

Bottom Logged Interval

3649

Top Logged Interval

3050

Type Fluid In Hole

Chemical

Salinity, PPM CL

2,000

Density

9.3

Level

Full

Max. Rec. Temp. F

113

Operating Rig Time

3 1/2 Hours

Equipment -- Location

15 Hays

Recorded By

C. Desaire

Witnessed By

Randy Kilian

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

From

To

1 12.25 00

238

8.625

24#

00

238

2 7.875 238

3680

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Thank you for using Log-Tech, Inc.
(785) 625-3858

Stockton, N to Cozy Cove Rd,
W to Logan Rd, 1 S to Day Dream Rd,
4 W to 13 Rd, 3/4 N, W Into

Database File: c:\warrior\data\pioneer res_kemper no.2\pioneerhd.db
Dataset Pathname: dil/pnrstk
Presentation Format: cdl
Dataset Creation: Sun Dec 20 20:47:11 2009
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (in)	16

30	Compensated Density (pu)				-10
2	Bulk Density (g/cc)				3
15000	Line Tension (lb)				0
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25

LSPD
(ft/min)









