Company	
Well	Hall Hedges 2 34-3
Field	Wildcat
County	Grady
State	Oklahoma
Location	API: 35-051-24236-00-00 Sec 34 Twp 7N Rge 7W 1980 FNL & 1980 FWL
Permanent Datum	Ground Level
Elevation	Elev.: 1,100 ft
Log Measured From	KB, 10 ft above Perm. Datum
Drilling Measured From	KB
Date	30-Jul-13
Run Number	ONE
Depth Driller	10,000 ft
Depth Logger	9,999 ft
Bottom Logged Interval	9,999 ft
Top Logged Interval	1,100 ft
Casing Driller	8.625 in @ 1,100 ft
Casing Logger	1,100 ft
Bit Size	7.875 in
Type Fluid in Hole	Water Based Mud
Density / Viscosity	9.2 lb/gal / 40 s/qt
pH / Fluid Loss	10.0 / 8.0 cc
Source of Sample	Flowline
Rm @ Measured Temp	0.08 @ 70 °F
Rmf @ Measured Temp	0.06 @ 70 °F
Rmc @ Measured Temp	0.1 @ 70 °F
Source of Rmf / Rmc	Measured / Measured
Rm @ BHT	0.04 @ 180 °F
Time Circulation Stopped	03:00
Time Logger on Bottom	08:00
Maximum Recorded Temperature	180 °F
Equipment Number	1
Location	Chickasha, Oklahoma
Recorded By	Jeff Hall
Witnessed By	Mike Hedges

DUAL INDUCTION GAMMA RAY

Hall Hedges 2 34-3 Wildcat Grady Oklahoma

API # 35-051-24236-00-00

All data written on and retained copies of reference from electrical or other measurements are not warranted as to completeness for accuracy or correctness and are not to be construed as a guarantee of commercial value. Phoenix Surveys Inc. shall not be liable for any loss or damage incurred or sustained in connection with the use of data or interpretations made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set forth in our current price schedule.

COMMENTS

Annular volume calculated for 4.5" casing
Energy Drilling Rig #3
Thank you for using Phoenix Surveys.
API # 35-123-24146-00

Database File: 7000ft.db
Dataset Pathname: Hall
Presentation Format: Hall
Dataset Creation: Mon Aug 05 11:54:06 2013
Charted by: Depth in Feet scaled 1:240

Gamma Ray (GAPI) 150 | 0 | Deep Resistivity (Ohm-m) 2000
SP (mV) 100 | 0.2 | Medium Resistivity (Ohm-m) 2000
0.2 | Shallow Resistivity (Ohm-m) 2000

Database File: 9300ft.db
Dataset Pathname: Hall
Presentation Format: Hall
Dataset Creation: Mon Aug 05 11:54:06 2013
Charted by: Depth in Feet scaled 1:240

Gamma Ray (GAPI) 150 | 0 | Deep Resistivity (Ohm-m) 2000
SP (mV) 100 | 0.2 | Medium Resistivity (Ohm-m) 2000
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Logged TD: 9,999'

Fluid Type

Deep Resistivity
Medium Resistivity
Shallow Resistivity

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0.2 | Shallow Resistivity (Ohm-m) 2000