Company: Reynolds Exploration & Prod. LLC
Well: Gilbert #1
Field: Gilbert
Location:
Legal Description: Sec. 31 T 17S R 43E
County: Morton
State: Colorado
API #: 05-129-20000
Date: 10/24/2011
Time:
Run #: 1
Depth Driller: 5271'
Depth Logger: 5271'
Bottom Log Interval: 5271'
Top Log Interval: 4000'
Casing Driller: 8.625" @ 1500'
Casing Logger:
Bit Size: 7.875"
Type Fluid: Water Based Mud
Density: 9.2
Viscosity: 28
PH: 10
Fluid Loss: 8.4
Source Sample: Pit
Rm @ Meas. Temp: 0.75 @ 70°F
Rmf @ Meas. Temp: 0.6 @ 70°F
Rmc @ Meas. Temp: 1.1 @ 70°F
Source Rmf & Rmc: Measured
Rm @ BHT: 0.45 @ 120°F
Time Circulation Stopped: 10:00 AM
Time Logger on Bottom: 1:00 PM
Maximum Recorded Temperature: 120°F
Equipment Number: 3
Location: Limon
Recorded By: Jeff Hall
Witnessed By: Mr. Reynolds

Tool Type / Serial No. | Position | Diameter | Length | Weight | Max. Recorded Temperature
Gamma Ray / Caliper | Eccentered | 3.625" | 15' | 200 lbs | 120°F
Dual Induction | Eccentered | 3.625" | 15' | 200 lbs | 120°F
Compensated Neutron | Eccentered | 3.625" | 15' | 200 lbs | 120°F

Run Number | Bit Size | Depth Driller | Depth Logger | Bottom Log Interval | Top Log Interval | Casing Driller | Casing Logger
1 | 7.875" | 5271' | 5271' | 5271' | 4000' | 8.625" @ 1500' |

Run Number | Time Circulation Stopped | Time Logger on Bottom | Max. Recorded Temperature | Equipment Number | Location | Recorded By | Witnessed By
1 | 10:00 AM | 1:00 PM | 120°F | 3 | Limon | Jeff Hall | Mr. Reynolds

Primary Depth Control: Gamma Ray
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing
Permanent Datum: Ground Level
Elevation: 4500' K.B. | 4490' D.F. | 4485' G.L.

Type Log | Scale | Comments
Gamma Ray / Caliper | 5" / 100' | Run 1
Dual Induction | 5" / 100' | Run 1
Compensated Neutron | 5" / 100' | Run 1

HOWARD
HIGH RESOLUTION INDUCTION COMPENSATED NEUTRON
Howard Exploration & Production LLC
Denver, Colorado

All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretations and we shall not, except in the case of gross or wilful 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.

Comments

Annular volume calculated for 4.5" casing
Enough Drilling Fog ?
Thank you for using Pioneer Energy Services.

Database File: 10271.db
Dataset Pathname: Well
Presented Format: Well
Dataset Creation: Sun Oct 16 11:08:44 2011
Charted By: Depth Plot scaled 1:240

Density Caliper (in) | Deep Resistivity (Ohm-m) | Density Porosity (pu)
Gamma Ray (GAPI) | Medium Resistivity (Ohm-m) | Neutron Porosity (pu)
SP (mV) | Shallow Resistivity (Ohm-m)

Scale: 1:240 (5" / 100')

Database File: 10271.db
Dataset Pathname: Well
Presented Format: Well
Dataset Creation: Sun Jan 15 17:58:44 2012
Charted By: Depth Plot scaled 1:240

Density Caliper (in) | Deep Resistivity (Ohm-m) | Density Porosity (pu)
Gamma Ray (GAPI) | Medium Resistivity (Ohm-m) | Neutron Porosity (pu)
SP (mV) | Shallow Resistivity (Ohm-m)

Scale: 1:240 (5" / 100')

Database File: 10271.db
Dataset Pathname: Well
Presented Format: Well
Dataset Creation: Sun Jan 15 17:58:44 2012
Charted By: Depth Plot scaled 1:240

Density Caliper (in) | Deep Resistivity (Ohm-m) | Density Porosity (pu)
Gamma Ray (GAPI) | Medium Resistivity (Ohm-m) | Neutron Porosity (pu)
SP (mV) | Shallow Resistivity (Ohm-m)

Scale: 1:240 (5" / 100')

Logged To Total Depth

Density Caliper (in) | Deep Resistivity (Ohm-m) | Density Porosity (pu)
Gamma Ray (GAPI) | Medium Resistivity (Ohm-m) | Neutron Porosity (pu)
SP (mV) | Shallow Resistivity (Ohm-m)

Scale: 1:240 (5" / 100')