PSI

COMPENSATED DENSITY NEUTRON DUAL INDUCTION

Company: Bison Oil & Gas
Well: Bison Ridge 12-36
Field: Wattenberg
County, State: Weld, Colorado
Location: API#: 05-123-25285-00
Sec 36 Twp 3N Rge 67W
1,000' FNL & 1,000' FWL
Elevation: 4,900' GL 4,915' KB
Permanent Datum: Ground Level
Log Measured From: KB, 15 Ft. Above Perm. Datum
Drilling Measured From: KB
Date: 14-Jul-2015
Run Number: ONE
Depth Driller: 7,971 Ft.
Depth Logger: 7,971 Ft.
Bottom Logged Interval: 7,971 Ft.
Top Logged Interval: 400 Ft.
Casing Driller: 8.625 In @ 1,000 Ft.
Casing Logger: 1,000 Ft.
Bit Size: 7.875 In.
Type Fluid in Hole: Water Based Mud
Density: 9.2 LB/G
Viscosity: 40 S
PH: 9.5
Fluid Loss: 6.4 C3
Source of Sample: Flowline
Rm @ Meas. Temp: 0.19 @ 70 °F
Rmf @ Meas. Temp: 0.15 @ 70 °F
Rmc @ Meas. Temp: 0.25 @ 70 °F
Source of Rmf & Rmc: Measured
Rm @ BHT: 0.09 @ 180 °F
Time Since Circulation: 12 Hours
Max. Rec. Temp. Deg. F: 180 °F
Equipment Number: 1
Location: Greeley, CO
Recorded By: Jeff Hall
Witnessed By: Mr. Bison

CASING

Annular volume calculated for 4 1/2" casing
KPA Drilling Rig 1
Thank you for using Phoenix Surveys!
API # 05-123-25285-00

Database File: 1981.db
Dataset Pathname: pass1
Presentation Format: dual
Dataset Creation: Tue Jul 28 20:01:14 2015
Charted by: Depth in Feet scaled 1:240

Gamma Ray (GAPI) 0 150
Caliper (in) 6 16
SP (mV) -140 60
Deep Resistivity (Ohm-m) .2 2000
Medium Resistivity (Ohm-m) .2 2000
Shallow Resistivity (Ohm-m) .2 2000
Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15

1.94 SS Matrix

1.71 LS Matrix

Matrix Change

1.83 SS Matrix

Logging TD 7971

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