PSI

PHOENIX SURVEYS, INC.

COMPENSATED NEUTRON
DENSITY
DUAL INDUCTION

Company: EnCana Oil & Gas (USA) Inc.
Well: Cade Drilling Rig 22
Field: Wattenberg
County: Weld
State/Prov: Colorado

Location: API #: 05-123-24751-00; 1,977' FNL & 197' FWL; Sec 20, T1N, R67W, 6th PM
Permanent Datum: Ground Level
Elevation: 4935
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing
Elevation: K.B. 4950, D.F. 4949, G.L. 4935

	Run 1	Run 2	Run 3
Date	3/14/2007		
Time	7:14		
Max Rec Temp (°F)	150		
Equip. Location	Greeley		
Recorded By	Jeff Hall		
Witnessed By	Mike Ramsey		
Run Number	ONE		
Depth Driller	7,800'		
Depth Logger	7,799'		
Bottom Logged Interval	7,799'		
Top Logged Interval	200'		
Type Fluid in Hole	Water Based Mud		
Salinity, PPM Cl	1,000		
Density / Viscosity	8.4 / 28		
pH / Fluid Loss	9.0 / 0		
Source of Sample	Pit		
Rm @ Meas Temp	1.25 @ 70°F		
Rmf @ Meas Temp	1.00 @ 70°F		
Rmc @ Meas Temp	1.50 @ 70°F		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	0.62 @ 150°F		
Time Since Circ	3 Hours		
Max Rec Temp (°F)	150		
Equip. Location	Greeley		
Recorded By	Jeff Hall		
Witnessed By	Mike Ramsey		

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 to the extent 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. 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
Cade Drilling Rig 22
Thank you for using Phoenix Surveys!
API #: 05-123-24751-00

Database File: 6965.db
Dataset Pathname: main
Presentation Format: main
Dataset Creation: Wed Mar 21 14:40:55 2007
Charted by: Depth in Feet scaled 1:240

0	Density Caliper (in)	10	2	Deep Resistivity (Ohm-m) 200.40	Density Porosity (pu) 0
0	Gamma Ray (GAPI)	300	2	Medium Resistivity (Ohm-m) 200.40	Neutron Porosity (pu) 0
100	SP (mV)	200	2	Shallow Resistivity (Ohm-m) 200	

3.55 SS Matrix

3.08 SS Matrix

2.71 LS Matrix

Matrix Changes

2.65 SS Matrix

Neutron Porosity

Gamma Ray

SP

Density Porosity

Deep Resistivity

Medium Resistivity

Shallow Resistivity

Logger's TD 7799'

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