Company	BRUCE OIL COMPANY, LLC.
Well	KAW # 2 SWD
Field	RAINBOW BEND
County	COWLEY
State	KANSAS

COMPENSATED DENSITY SIDEWALL NEUTRON LOG

Company BRUCE OIL COMPANY, LLC.
Well KAW # 2 SWD
Field RAINBOW BEND
County COWLEY State KANSAS
Location: API # : 15-035-19543-00-01
NE SW SE
990' FSL & 1650' FEL
SEC 17 TWP 33S RGE 3E

Other Services
DIL, MEL

Permanent Datum	GL	Elevation	1115'
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 1123'
D.F. 1122'
G.L. 1115'

Date	10-04-2013
Run Number	ONE
Depth Driller	3855'
Depth Logger	3855'
Bottom Logged Interval	3853'
Top Log Interval	2700'
Casing Driller	8 5/8" @ 95'
Casing Logger	8 5/8" @ 95'
Bit Size	7 7/8"
Type Fluid in Hole	DISPERSED
Density / Viscosity	9.2 / 58
pH / Fluid Loss	10.4 / 9.9
Source of Sample	FLOWLINE
Rm @ Meas. Temp	2.00 @ 80
Rmf @ Meas. Temp	2.40 @ 80
Rmc @ Meas. Temp	1.60 @ 80
Source of Rmf / Rmc	CAL
Rm @ BHT	1.41 @ 113
Time Circulation Stopped	11:00 AM
Time Logger on Bottom	4:00 PM
Maximum Recorded Temperature	113
Equipment Number	OW2
Location	HOMINY ,OK
Recorded By	LOWERY
Witnessed By	MR. JOHNSON

<<< Fold Here >>>

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

OW2-8457
MATRIX LIMESTONE 2.71 G/CC
ABHV COMPUTED WITH 5 1/2" CASING

CREW : KIDD

OLD TD 3222'. NEW HOLE DOWN TO 3855'

5" CDL/SWN SECTION

Database File: ow2-8457 bruce oil company.db
Dataset Pathname: CDLN/pass1.3
Presentation Format: _neu6
Dataset Creation: Fri Oct 04 18:38:14 2013 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	TBHV	30		Density Porosity (pu)			-10
6	Bit size (in)	16	ABHV	30		Neutron Porosity (pu)			-10
6	Density Caliper (in)	16				-0.5	Correction (g/cc)		0.5
6	Neutron Caliper (in)	16				5000	Line Tension (lb)		0

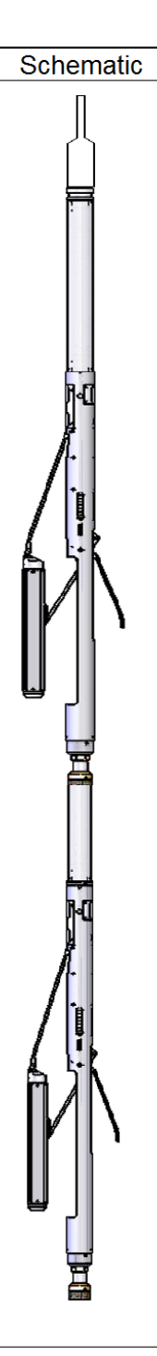
0	Gamma Ray (GAPI)	150	TBHV	30		Density Porosity (pu)			-10
6	Bit size (in)	16	ABHV	30		Neutron Porosity (pu)			-10
6	Density Caliper (in)	16				-0.5	Correction (g/cc)		0.5
6	Neutron Caliper (in)	16				5000	Line Tension (lb)		0

5" CDL SECTION

Database File: ow2-8457 bruce oil company.db
Dataset Pathname: CDLN/pass1.2
Presentation Format: bulk6
Dataset Creation: Fri Oct 04 18:38:10 2013 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	TBHV	2		Bulk Density (g/cc)			3
6	Bit size (in)	16	ABHV	30		Density porosity (pu)			-10
6	Density Caliper (in)	16				-0.5	Correction (g/cc)		0.5
6	Neutron Caliper (in)	16				5000	Line Tension (lb)		500

0	Gamma Ray (GAPI)	150	TBHV	2		Bulk Density (g/cc)			3
6	Bit size (in)	16	ABHV	30		Density porosity (pu)			-10
6	Density Caliper (in)	16				-0.5	Correction (g/cc)		0.5
6	Neutron Caliper (in)	16				5000	Line Tension (lb)		500

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CableHead Isulation Sub	1.42	3.00	20.00
GR	16.06		Gamma-Oilex3006 (3006) Gamma Ray Section	2.81	3.50	75.00
LSD DCAL SSD	10.44 10.15 9.98		Density-Oilex3006 (280) Density Section	6.29	4.00	200.00
SCAL NEU SWN	2.54 2.15 2.15		Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00

Dataset: ow2-8457 bruce oil company.db: field/well/CDLN/pass1
Total Length: 18.33 ft
Total Weight: 445.00 lb
O.D. 4.00 in