SUPERIOR WELL SERVICES

Elbert, Co.
Hays, Ks.
Woods, Ok.
Cleveland, Ok.

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DUAL INDUCTION SFL/GR LOG

Company PETROL OIL & GAS, INC.
Well BILL & CLETIS SNYDER 13-1
Field
County CASS
State MISSOURI

Company PETROL OIL & GAS, INC.
Well BILL & CLETIS SNYDER 13-1
Field
County CASS API # State MISSOURI
Location 13 OIL 42 R24 OIL Elevation 886.37 K.B.
1SHFTSL & 3HFTEL Other Services CDL
Permanent Datum Log Measured From Drilling Measured From

Date	8-Jul-04				
Run Number	ONE				
Depth Driller	1400				
Depth Logger	1400				
Bottom Logged Interval	1400				
Top Logged Interval	0				
Casing Driller	8.625 @ 42				
Casing Logger	42				
Bit Size	7.875				
Type Fluid in Hole	GEL CHEM				
Density / Viscosity	9.2	50			
pH / Fluid Loss	10	6.4			
Source of Sample	FLOWLINE				
Rm @ Meas. Temp.	1.2 @ 70				
Rmf @ Meas. Temp.	.9 @ 70				
Rmc @ Meas. Temp.	1.5 @ 70				
Source of Rmf / Rmc	MEAS	MEAS			
Rm @ BHT	.6 @ 120				
Time Circulation Stopped	5:30				
Time Logger on Bottom	8:30				
Maximum Recorded Temperature	120				
Equipment Number	1SHFTSL				
Location					
Recorded By	DAVIDSON				
Witnessed By	MR. RICKETTS				

Run Number

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

CREW: RICKETTS,SPENCER
FILE 57-713

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2" ILD SECTION

Database File: 57-713.db
Dataset Pathname: BILLARD13run1pass4.1
Presentation Format: Unknown
Dataset Creation: Tue Mar 23 22:40:34 2004 by Calc Warrior 7.0 Standar
Charted by: Depth in Feet scaled 1:600

0 Gamma Ray (GAPI) 150
60 SP (mV) -140

0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000
0.2 Deep Resistivity (Ohm-m) 2000

50
100
150
200
250
300
350
400
450
500

Fluid Level

0 Gamma Ray (GAPI) 150
60 SP (mV) -140

0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000
0.2 Deep Resistivity (Ohm-m) 2000

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5" ILD SECTION

Database File: 57-713.db
Dataset Pathname: BILLARD13run1pass4
Presentation Format: dirt
Dataset Creation: Tue Mar 23 22:13:46 2004 by Log Warrior 7.0 Standar
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150
60 SP (mV) -140

0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000
0.2 Deep Resistivity (Ohm-m) 2000

50
100
150
200
250
300
350
400
450
500

Fluid Level

0 Gamma Ray (GAPI) 150
60 SP (mV) -140

0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000
0.2 Deep Resistivity (Ohm-m) 2000