Company: MONSANTO OIL CO
Well: NO 1 27 LOOKOUT
File: Wind_Monsanto_1-27 Lookout.las
Field: Madden Deep Unit
County: FREMONT State: WYOMING Country: USA
API: 49013208360

Location: 1980' FNL & 1980' FEL
Sect: 27 Twp: 39N Rng: 91W

Schlumberger
DLL / GR
VDL
BHC
Cyberlook

County: FREMONT
Field: Madden Deep Unit
Location: 1980' FNL & 1980' FEL
Well: NO 1 27 LOOKOUT
Company: MONSANTO OIL CO

Permanent datum	5309 ft @ 5309 ft	Elev.: KB: 5340	F
Log measured from	31 ft above perm datum	DF: 11.0	LB/G
Drlg measured from		GL: 5309	F

Date	29-JUN-1979		31-AUG-1979				
Run No.	ONE		TWO				
Depth Driller	15150		17900				
Depth Logger	15160		17900				
Bottom Logged Interval	15157		17897				
Top Logged Interval	6000		15160				
Casing Driller	13.375 @ 2488		7.875 @ 15154		@	@	
Casing Logger	Not Logged		15160				
Bit Size	9.875		6.5				
Type Fluid in Hole	Oil Base Mud		FCG				
Density	Viscosity	8	48	14.1	47		
pH	Fluid Loss	--------	8.0	10.7	8.2		
Source of Sample	None		Pits				
Rm @ Meas. Temp.	------- @ --------		1.5400 @ 66		@	@	
Rmf @ Meas. Temp.	0 @ 0		0.91 @ 66		@	@	
Rmc @ Meas. Temp.	-------- @ -------		--------- @ --------		@	@	
Source: Rmf	Rmc						
Rm @ BHT	Rmf @ BHT	@ 264	0.35 @ 290		@	@	
Circulation Stopped		2200 06/28	1600				Time
Tool Last on Bottom		1500 06/29	0400				
Max. Rec. Temp.		264	290				
Equipment Location		CSPR	CSPR				
Recorded By		Martin	C. Drake				
Witnessed By		R. Baugh	Ron Baugh				

Disclaimer: Interpretations from electrical or other measurements in wellbores are opinions based upon inferences as to tool response in the underground formation. Neither Digital Formation nor The Discovery Group Inc. guarantee the accuracy or correctness of any interpretation made using the LESA for Windows software. Consequently, neither company shall be liable or responsible for any loss or damages incurred as a result.

Plot Name: KGS_Phase2 results_08-13
Plot File: KGS_Phase2 results_08-13.PLT
Well File: Wind_Monsanto_1-27 Lookout.las
Time: 03:16 PM
Date: Mon, Aug 18, 2008
Log analyst: Stefani Whittaker

The Discovery Group, Inc

DIGITAL FORMATION
LESA for Windows 7.0

1:240 MD in F

Lithology
GR GAPI 0 200
Baseline Shifted SP [NA] -100 100
TENS [NA] 2000 3000
Rock type: from core
Thin Section Vshale 20000 10000
unkn unkn
0 1

Borehole
CALI IN 4 14
BS unkn 4 14
Bad Hole

Coal
shale volume
0 1

Resistivity
ILD OHMM 0.2 2000
ILM OHMM 0.2 2000
SFL OHMM 0.2 2000

Raw Porosity Data
RHOB G/C3 1.9 2.9
DT US/F 140 40
NPHI_SS V/V 0.45 -0.15
Gas Crossover
2.4 2.4 2.4

Grain Density
RHOG: from logs G/C3 2.4 2.9
Core RHOG unkn
Core RHOG: KGS unkn

Crossplot Porosities
Total Porosity V/V 0.3 0
Effective Porosity V/V 0.3 0
Core Porosity unkn
Core Porosity: KGS unkn
Visible Porosity: Thin Section unkn
0.3 0.3 0.3

Water Saturation/BVW
Effective Porosity V/V 0.5 0
Bulk Volume Water: Variable M unkn
Bulk Volume Water Irr. : Variable M unkn
Log Water Saturation: Variable M unkn
Variable Archie m none
Core Water Saturation unkn
1 0 0 1 3 0
Hydrocarbons
Water

Permeability
Core PHI-K derived perm: By Basin unkn 0.0001 10
Log-derived Timur perm: Variable M unkn 0.0001 10
Core perm, Klink, in situ: KGS 2 mD 0.0001 10
Core perm, Klink, in situ: KGS meas. unkn 0.0001 10

16775 16750 16725 16700 16675 16650 16625 16600 16575 16550 16525

Phayles