Plot Name: KGS_Phase2 results_08-13
Plot File: KGS_Phase2 results_08-13.PLT
Well File: Pow_LL&E 1 Barlow 21-20.las
Time: 01:52 PM
Date: Mon, Aug 18, 2008
Log analyst: Stefani Whittaker

The Discovery Group, Inc.

Company: Louisiana Land and Exploration
Well: NO. 1 BARLOW 21-20
File: Pow_LL&E 1 Barlow 21-20.las
Field: Wildcat
County: Campbell State:
API: 4900525627 Country: USA

Location: 1980' FWL & 550' FNL

BHC GR
HDT

Sect: 20 Twp: 48N Rng: 75W

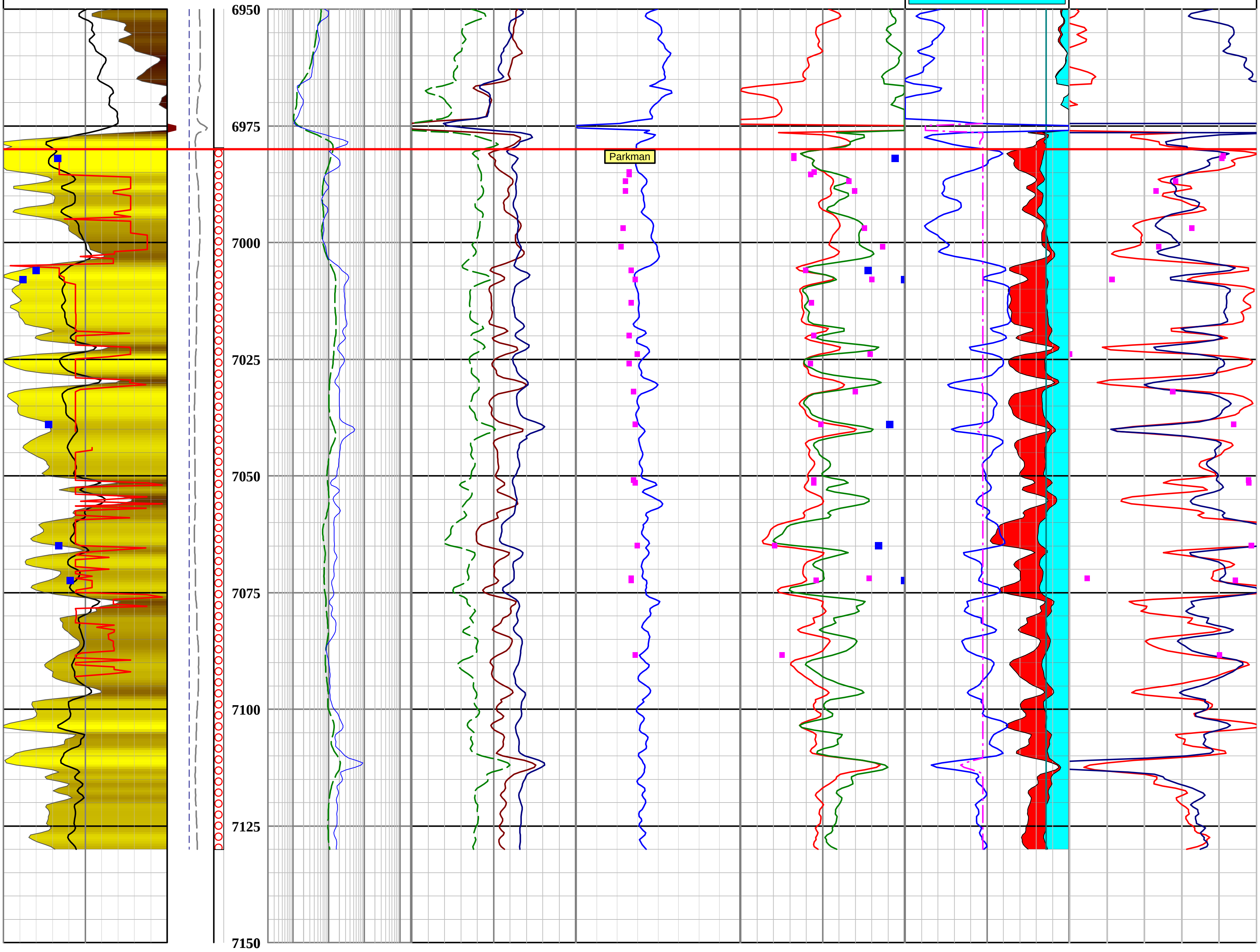
County: Campbell
Field: Wildcat
Location: 1980' FWL & 550' FNL
Well: NO. 1 BARLOW 21-20
Company: Louisiana Land and Exploration

Permanent datum G.L. @ 4510 ft
Log measured from K.B. 12 ft above perm datum
Drlg measured from K.B.

Elev.: KB: 4522 F
DF: 8.9000 LB/G
GL: 4510

Date	26-AUG-1980			
Run No.	ONE			
Depth Driller	7870			
Depth Logger	7869			
Bottom Logged Interval	7866			
Top Logged Interval	5851			
Casing Driller	9.625 @ 951	@	@	@
Casing Logger	Not recorded			
Bit Size	8.75 IN			
Type Fluid in Hole	Chem Gel			
Density / Viscosity	8 / 43			
pH / Fluid Loss	9 / 9			
Source of Sample	Flowline			
Rm @ Meas. Temp.	2.56 @ 72	@	@	@
Rmf @ Meas. Temp.	2.97 @ 72	@	@	@
Rmc @ Meas. Temp.	1.38 @ 72	@	@	@
Source: Rmf / Rmc	Measured / Calculated			
Rm @ BHT / Rmf @ BHT	1.26 @ 153	@	@	@
Time: Circulation Stopped	1800 8/26			
Time: Tool Last on Bottom	0400 8/27			
Max. Rec. Temp.	153			
Equipment Location	GLT			
Recorded By	Walker			
Witnessed By	Rhodd			

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.

DIGITAL FORMATION
LESA for Windows 7.0

Lithology	*Borehole*	1:240 MD in F	*Resistivity*	*Raw Porosity Data*	*Grain Density*	*Crossplot Porosities*	*Water Saturation/BVW*	*Permeability*
GR: 0 GAPI 200	CALI: 4 IN 14		ILD: 0.2 OHMM 2000	RHOB: 1.9 G/C3 2.9	RHOG: from logs: 2.4 G/C3 3.2	Total Porosity: 0.3 V/V 0	Effective Porosity: 0.5 V/V 0	Core PHI-K derived perm: By Basin: 0.0001 unkn 10
Baseline Shifted SP: -100 [N/A] 100	BS: 4 unkn 14		MEDIUM: 0.2 [N/A] 2000	DT: 140 US/F 40	Core RHOG: 2.4 [N/A] 3.2	Effective Porosity: 0.3 V/V 0	Bulk Volume Water: Variable M: 0.5 unkn 0	Log-derived Timur perm: Variable M: 0.0001 unkn 10
TENS: 2000 [N/A] 3000	Bad Hole		SFL: 0.2 OHMM 2000	NPHI_SS: 0.45 v/v -0.15	Core RHOG; KGS: 2.4 unkn 3.2	Core Porosity: 0.3 [N/A] 0	Bulk Volume Water Irr. : Variable M: 0.5 unkn 0	Core perm, Klink, in situ; KGS 2: 0.0001 [N/A] 10
Rock type: from core: 20000 unkn 10000				Gas Crossover		Core Porosity: KGS: 0.3 unkn 0	Log Water Saturation: Variable M: 1 unkn 0	Core perm, Klink, in situ; KGS meas.: 0.0001 unkn 10
Thin Section Vshale: 0 unkn 1						Visible Porosity: Thin Section: 0.3 unkn 0	Variable Archie m: 1 none 3	
Coal							Core Water Saturation: 1 [N/A] 0	
shale volume: 0 1							Hydrocarbons	
							Water