

Plot Name: KGS_Phase2 results_08-13

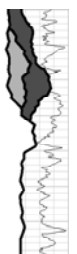
Plot File: KGS_Phase2 results_08-13.PLT

Well File: Uinta_KerrMcGee NBU 1022-1A.as

Time: 09:38 AM

Date: Thu, Aug 21, 2008

Log analysis:



The Discovery Group, Inc

Company: KERR MCGEE OIL & GAS ONSHORE, LP

Well: Natural Buttes Unit 1022-1A

File: Uinta_KerrMcGee NBU 1022-1A.as

Field: NATURAL BUTTES UNIT

County: UINTAH State: UTAH

API: County:

Location: Unknown

RWCH
WST
XRM

Company: KERR MCGEE OIL & GAS ONSHORE, LP

Well: Natural Buttes Unit 1022-1A

File: Uinta_KerrMcGee NBU 1022-1A.as

Field: NATURAL BUTTES UNIT

County: UINTAH State: UTAH

API: County:

Location: Unknown

RWCH
WST
XRM

Permanent datum GROUND LEVEL @ 5052

Log measured from K.B. 15 above perm datum

Drig measured from KELLY BUSHING

Elev.: KB: 5067
Df: 5066
Gf: 5052

Date: 4/29/2006

Run No. ONE

Depth Driller 8500'

Depth Logger 8508

Bottom Logged Interval 8499'

Top Logged Interval SURFACE

Casing Driller 9.625 @ 2197'

Casing Logger 2209'

Bit Size 7.875

Type Fluid in Hole WTD GEL CHEM.

Density 12.4 48

pH 10.6 9.0

Source of Sample MUD TANK

Run @ Meas. Temp. 2.62 @ 70 F

Run @ Meas. Temp. 1.85 @ 68

Run @ Meas. Temp. 3.40 @ 72 F

Source: Run MEAS. MEAS.

Run @ BHT Run @ BHT @ 175 @ 0 @ 0

Circulation Stopped 6.5 HOURS

Time Tool Last on Bottom 175

Max. Rec. Temp. 175

Equipment Location VERNAL

Recorded By J. MELANCON

Witnessed By T. HEINS

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	Resistivity	Raw Porosity Data	Grain Density	Crossplot Porosities	Water Saturation/BVW	Permeability
GR	CALI	HDRS	RHOB	RHOG: from logs	Total Porosity	Effective Porosity	Core PHI-K derived perm: By Basin
0 GAPI 200	4 IN 14	0.2 OHMM 2000	1.9 G/CC 2.9	2.4 G/C3 3.2	0.3 v/v 0	0.5 V/V 0	0.0001 unkn 10
Baseline Shifted SP	BS	0.2 OHMM 2000	DT	Core RHOG	Effective Porosity	Bulk Volume Water: Variable M	Log-derived Timur perm: Variable M
-100 [N/A] 100	4 unkn14	0.2 OHMM 2000	[N/A]	unkn	0.3 V/V 0	0.5 unkn 0	0.0001 unkn 10
TENS	Bad Hole	0.2 OHMM 2000	NPHI_SS	Core RHOG: KGS	Core Porosity	Bulk Volume Water Irr.: Variable M	Core perm, Klink, in situ; KGS 2
2000 LBS 3000		0.2 OHMM 2000	v/v	unkn	0.3 v/v 0	0.5 unkn 0	0.0001 mD 10
Rock type: from core			Gas Crossover		Core Porosity: KGS	Log Water Saturation: Variable M	Core perm, Klink, in situ; KGS meas.
20000 none 10000					0.3 v/v 0	1 unkn 0	0.0001 unkn 10
Thin Section Vshale					Visible Porosity: Thin Section	Variable Archie m	
0 v/v 1					0.3 v/v 0	1 none 3	
Coal						Core Water Saturation	
shale volume						unkn 0	
0 1						Hydrocarbons	
						Water	