J-W WIRELINE COMPANY

GAMMA RAY-CCL
CEMENT BOND VDL
SECTOR MAP LOG

Company	Kerr-McGee Oil & Gas Onshore LP		
Well	Binder 20-28		
Field	Wattenberg		
County	Weld	State	Colorado

Company Kerr-McGee Oil & Gas Onshore LP
Well Binder 20-28
Field Wattenberg
County Weld
State Colorado

Location: API # : 05-123-26668-00
SHL: 1377' FSL & 1651' FEL
BHL: 1329' FSL & 1313' FEL
NW/SE
SEC 28 TWP 5N RGE 67W

Other Services

Permanent Datum GL Elevation 4876
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 4888
D.F. 4887
G.L. 4876

Date	FEB-11-2008		
Run Number	One	Sussex	
Depth Driller	7239		
Depth Logger	7179		
Bottom Logged Interval	7176	5000	
Top Log Interval	5000	2100	
Open Hole Size	---------		
Type Fluid	Water		
Density / Viscosity	----------		
Max. Recorded Temp.	234		
Estimated Cement Top	2275		
Time Well Ready	--------------		
Time Logger on Bottom	-------------		
Equipment Number	581		
Location	Sterling, CO		
Recorded By	Kyle Girdler		
Witnessed By	Lewis Camp		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	5.5			
Liner				

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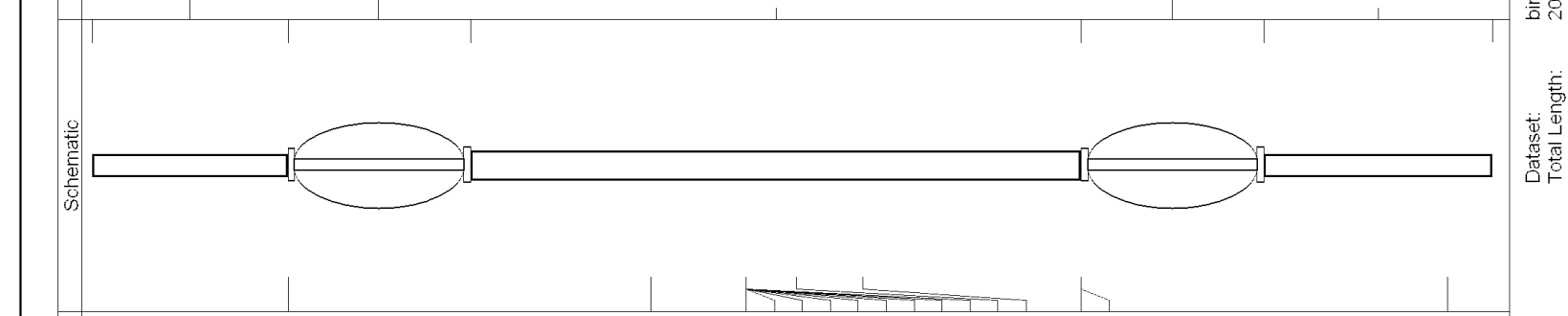
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

Corrected down 12' to PSI open hole Dated January 26, 2008

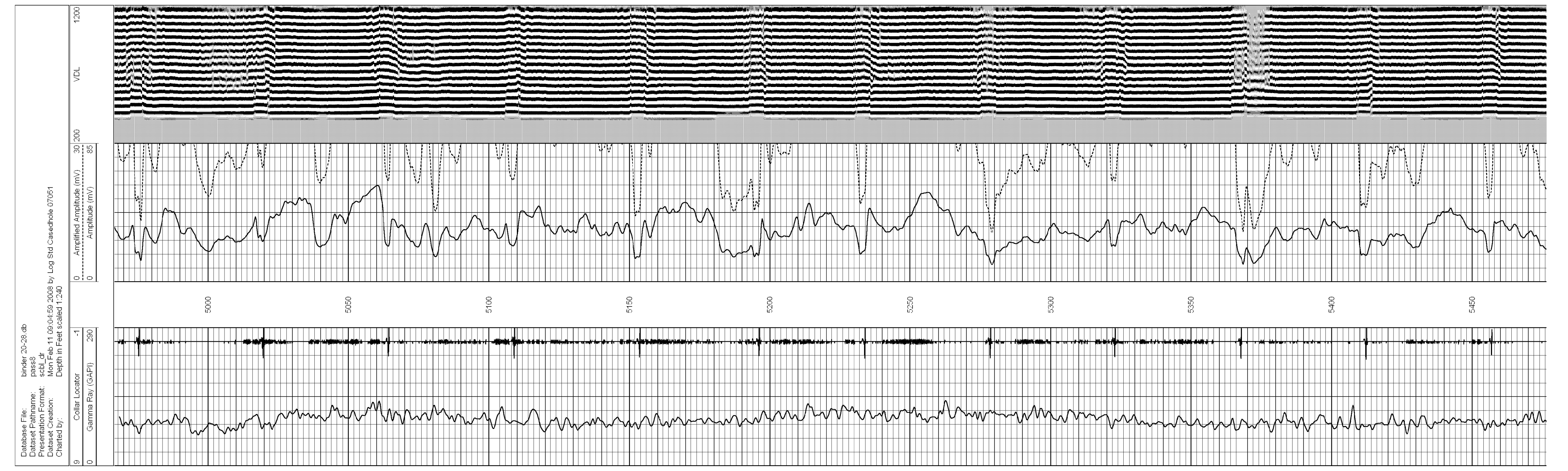


Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
CCL	17.99	CCL-S_101 (101)	2.92	1.69	11.00
		CENT-TEKCO (101)	2.73	2.25	
TEMP	12.57				
WVFCAL WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 WVF3FT WVF5FT	11.15 11.15 11.15 11.15 11.15 11.15 11.15 11.15 11.15 10.40 9.40	SCBLTEKSECT-225Temp (T225t_001) TekCo 2 1/4" Sector Tool with Temperature	9.11	2.25	75.00
WVFTEMP WVFSYNC	6.15 6.15				
		CENT-TEKCO (102)	2.73	2.25	
GR	0.67	GR-FLEX (100) Flexstack Gamma Ray	3.42	1.69	22.05

Dataset: binder 20-28.db: field/well/run1/pass9
Total Length: 20.91 ft
Total Weight: 108.05 lb
O.D. 2.25 in

Database File: binder 20-28.db
Dataset Pathname: pass9
Presentation Format: scbl_dr
Dataset Creation: Mon Feb 11 09:38:44 2008 by Log Std Casedhole 07051
Charted by: Depth in Feet scaled 1:240

Database File: binder 20-28.db
Dataset Pathname: pass8
Presentation Format: scbl_dr
Dataset Creation: Mon Feb 11 09:04:59 2008 by Log Std Casedhole 07051
Charted by: Depth in Feet scaled 1:240



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6650
6700
Flag Joint
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6800
6850
6900
6950
7000
7050
Flag Joint
7100
7150
9 Collar Locator -1
0 Gamma Ray (GAPI) 290
0 Amplified Amplitude (mV) 30
0 Amplitude (mV) 85
200 VDL 1200