J-W WIRELINE COMPANY

GAMMA RAY CCL CEMENT BOND VDL SECTOR MAP LOG

Company	KERR-McGEE OIL & GAS ONSHORE LP.
Well	BINDER 9-28
Field	WATTENBERG
County	WELD
State	CO

Company KERR-McGEE OIL & GAS ONSHORE LP.
Well BINDER 9-28
Field WATTENBERG
County WELD State CO
Location: API #: 05-123-23871-00
2175' FSL X 490' FEL
NE-SE
SEC 28 TWP 5N RGE 67W
Other Services

Permanent Datum	GL	Elevation 4880	Elevation K.B. 4892 D.F. 4891 G.L. 4880
Log Measured From	KB		
Drilling Measured From	KB		

Date	FEB-7-2008	
Run Number	ONE	SUSSEX
Depth Driller	7259	
Depth Logger	7180	
Bottom Logged Interval	7177	5000
Top Log Interval	5000	1000
Open Hole Size	----------	
Type Fluid	WATER	
Density / Viscosity	----------	
Max. Recorded Temp.	230 F	
Estimated Cement Top	1155	
Time Well Ready	----------	
Time Logger on Bottom	----------	
Equipment Number	581	
Location	STERLING CO	
Recorded By	MIKE MEISNER	
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				
Liner				

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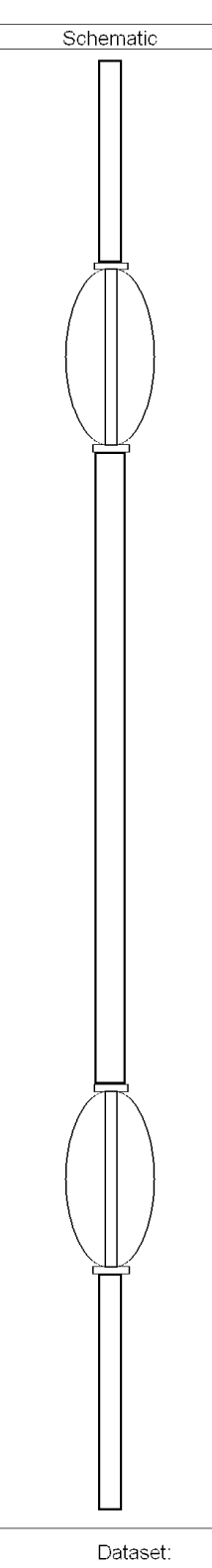
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 16' TO OPENHOLE DATED 10-JAN-2008



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

Dataset: binder 9-28.db: field/well/run1/pass6
Total Length: 20.91 ft
Total Weight: 108.05 lb
O.D.: 2.25 in

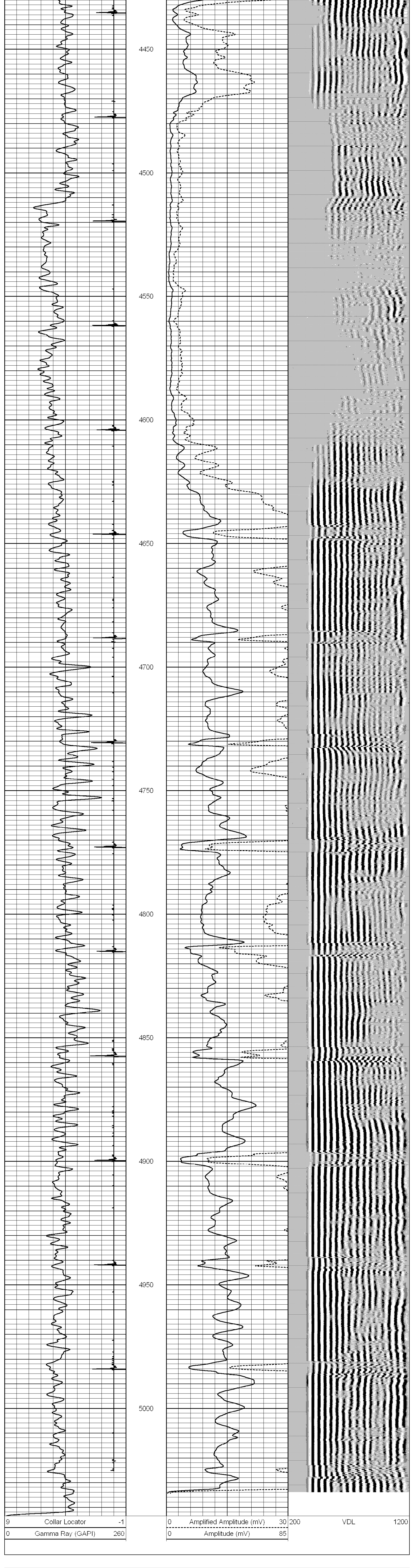
Database File:	binder 9-28.db
Dataset Pathname:	pass6
Presentation Format:	scbl_dr
Dataset Creation:	Thu Feb 07 10:18:53 2008 by Log Std Casedhole 07051
Charted by:	Depth in Feet scaled 1:240

9 Collar Locator -1
0 Gamma Ray (GAPI) 260
0 Amplified Amplitude (mV) 30
0 Amplitude (mV) 85
200 VDL 1200

9 Collar Locator -1
0 Gamma Ray (GAPI) 260
0 Amplified Amplitude (mV) 30
0 Amplitude (mV) 85
200 VDL 1200

Database File:	binder 9-28.db
Dataset Pathname:	pass5
Presentation Format:	scbl_dr
Dataset Creation:	Thu Feb 07 09:45:59 2008 by Log Std Casedhole 07051
Charted by:	Depth in Feet scaled 1:240

9 Collar Locator -1
0 Gamma Ray (GAPI) 260
0 Amplified Amplitude (mV) 30
0 Amplitude (mV) 85
200 VDL 1200



Database File: binder 9-28.db
Dataset Pathname: pass4
Presentation Format: scbl_dr
Dataset Creation: Thu Feb 07 09:04:41 2008 by Log Std Casedhole 07051
Charted by: Depth in Feet scaled 1:240