J-W WIRELINE COMPANY

GAMMA RAY CCL
CEMENT BOND VDL
SECTOR MAP LOG

Company	KERR-McGEE OIL & GAS ONSHORE LP.
Well	USA 33-36
Field	WATTENBERG
County	WELD
State	CO

Company KERR-McGEE OIL & GAS ONSHORE LP.
Well USA 33-36
Field WATTENBERG
County WELD State CO

Location: API # : 05-123-25960
SHL: 720' FSL & 622' FWL
BHL: 1285' FSL & 115' FWL
SW SW
SEC 36 TWP 3N RGE 66W

Other Services

Permanent Datum	GL	Elevation	5023
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 5037
D.F.
G.L. 5023

Date	JAN-29-2008		
Run Number	ONE	SUSSEX	
Depth Driller	7689		
Depth Logger	7630		
Bottom Logged Interval	7626	5000	
Top Log Interval	5000	3450	
Open Hole Size	-----------		
Type Fluid	WATER		
Density / Viscosity	----------		
Max. Recorded Temp.	235 F		
Estimated Cement Top	3620		
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	4.5			
Liner				

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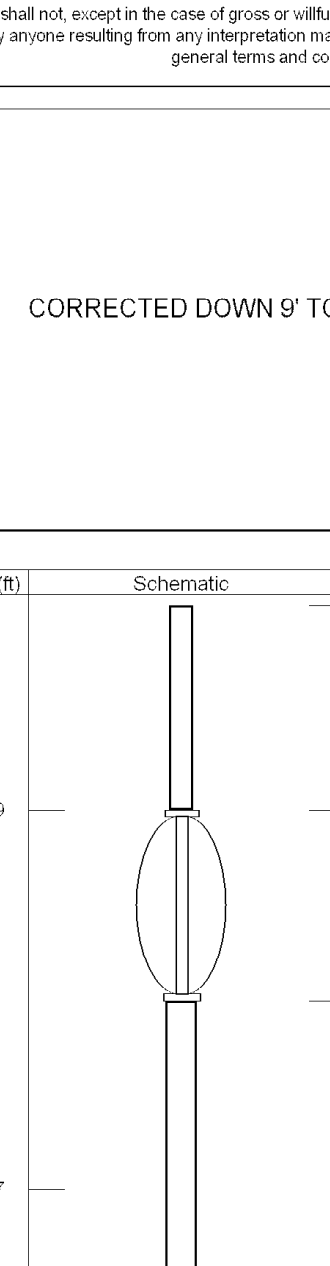
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 9' TO OPENHOLE LOG DATED SEPT-19-2007

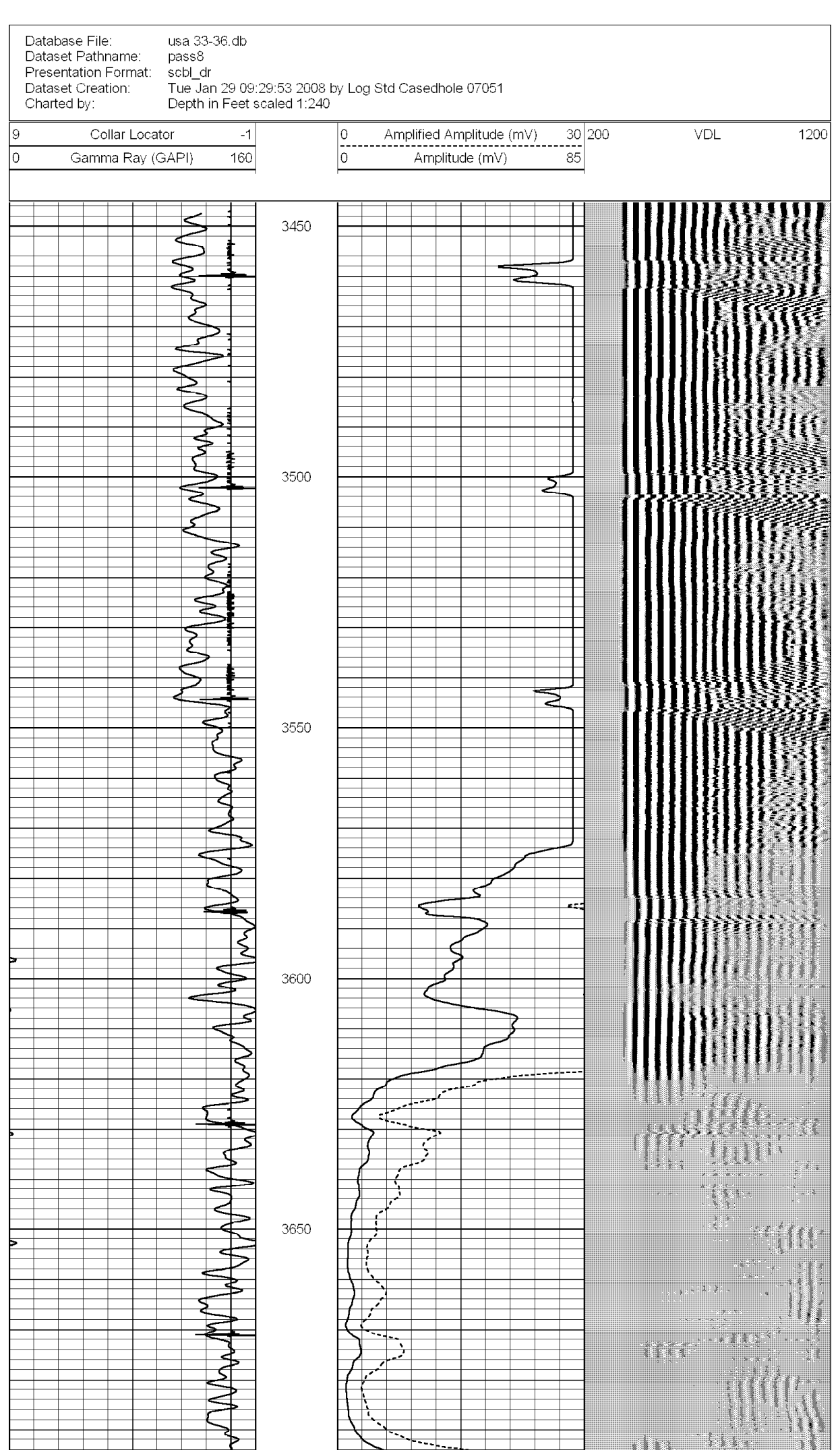


Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
CCL	17.99	CCL-S_101 (101)	2.92	1.69	11.00
		CENT-TEKCO (101)	2.73	2.25	
TEMP	12.57				
WVFCAL WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 WVF3FT WVF5FT	11.15 11.15 11.15 11.15 11.15 11.15 11.15 11.15 11.15 10.40 9.40	SCBLTEKSECT-225Temp (T225t_001) 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: usa 33-36.db: field/well/run1/pass8
Total Length: 20.91 ft
Total Weight: 108.05 lb
O.D.: 2.25 in

Database File: usa 33-36.db
Dataset Pathname: pass8
Presentation Format: scbl_dr
Dataset Creation: Tue Jan 29 09:29:53 2008 by Log Std Casedhole 07051
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1	0 Amplified Amplitude (mV) 30	200 VDL 1200
0 Gamma Ray (GAPI) 160	0 Amplitude (mV) 85	



9 Collar Locator -1	0 Amplified Amplitude (mV) 30	200 VDL 1200
0 Gamma Ray (GAPI) 160	0 Amplitude (mV) 85	

Database File: usa 33-36.db
Dataset Pathname: pass6
Presentation Format: scbl_dr
Dataset Creation: Tue Jan 29 09:03:47 2008 by Log Std Casedhole 07051
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1	0 Amplified Amplitude (mV) 30	200 VDL 1200
0 Gamma Ray (GAPI) 160	0 Amplitude (mV) 85	

9 Collar Locator -1	0 Amplified Amplitude (mV) 30	200 VDL 1200
0 Gamma Ray (GAPI) 160	0 Amplitude (mV) 85	

Database File: usa 33-36.db
Dataset Pathname: pass5
Presentation Format: scbl_dr
Dataset Creation: Tue Jan 29 08:18:19 2008 by Log Std Casedhole 07051
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1	0 Amplified Amplitude (mV) 30	200 VDL 1200
0 Gamma Ray (GAPI) 270	0 Amplitude (mV) 85	

6700
6750
6800
6850
6900
6950
7000
7050
7100
7150
FLAG
7200
7250
7300
7350
7400
7450
FLAG
7500
7550
7600
9 Collar Locator -1
0 Gamma Ray (GAPI) 270
0 Amplified Amplitude (mV) 30
0 Amplitude (mV) 85
200 VDL 1200