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	Elevation K.B. 5037 D.F. G.L. 5023
Log Measured From	KB		
Drilling Measured From	KB		

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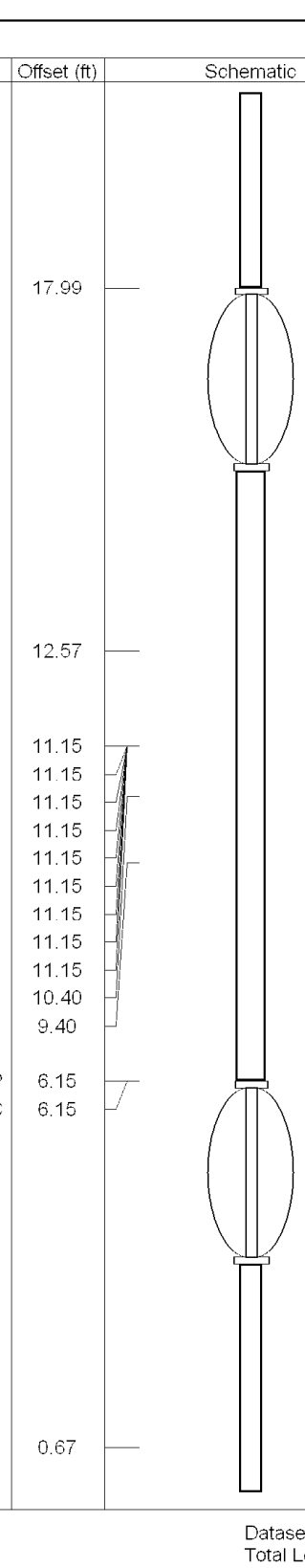
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

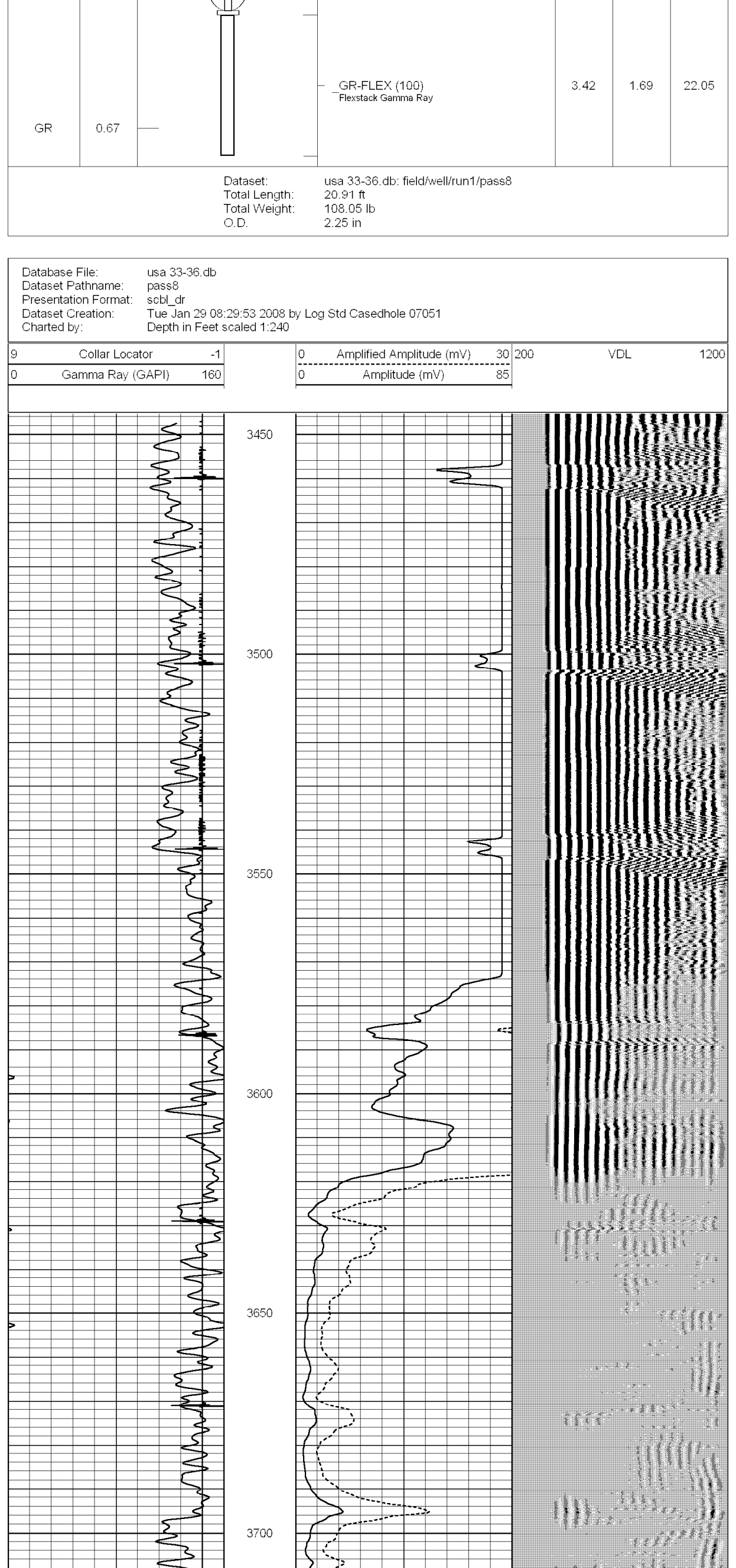
CORRECTED DOWN 9' TO OPENHOLE LOG DATED SEPT-19-2007



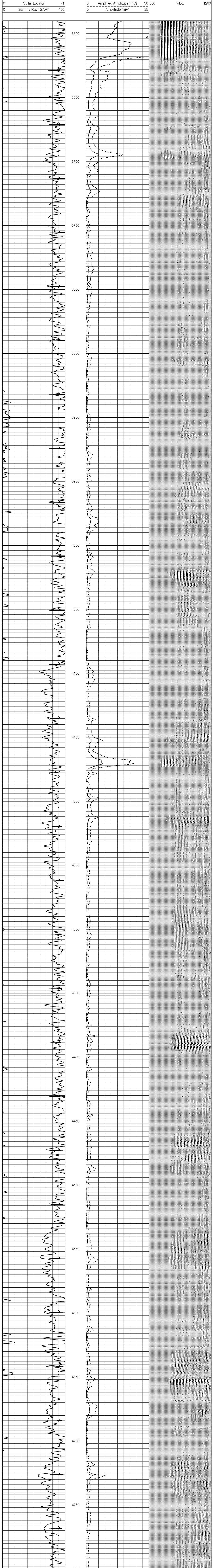
Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		CCL-S_101 (101)	2.92	1.69	11.00
CCL	17.99				
		CENT-TEKCO (101)	2.73	2.25	
TEMP	12.57				
WVFCAL	11.15				
WVFS1	11.15	SCBLTEKSECT-225Temp (T225t_001) TekCo 2 1/4" Sector Tool with Temperature	9.11	2.25	75.00
WVFS2	11.15				
WVFS3	11.15				
WVFS4	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: 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 08:29:53 2008 by Log Std Casedhole 07051
Charted by:	Depth in Feet scaled 1:240



Database File:	usa 33-36.db
Dataset Pathname:	pass6
Presentation Format:	scbl_dr
Dataset Creation:	Tue Jan 29 08:03:47 2008 by Log Std Casedhole 07051
Charted by:	Depth in Feet scaled 1:240



Database File:	usa 33-36.db
Dataset Pathname:	pass5
Presentation Format:	scbl_dr
Dataset Creation:	Tue Jan 29 07:18:19 2008 by Log Std Casedhole 07051
Charted by:	Depth in Feet scaled 1:240

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