J-W WIRELINE COMPANY

GAMMA RAY CCL
CEMENT BOND VDL
CEDTOR MAP LOG

Company KERR-McGEE OIL & GAS ONSHORE LP.
Well TROLLCO 19-5
Field WATTENBERG
County WELD
State CO

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Well	TROLLCO 19-5
Field	WATTENBERG
County	WELD
State	CO

Location: API # : 05-123-24881
SURF 853' FSL X 1938' FWL
BHL 1320' FSL X 1200' FWL proj.
SE-SW
SEC 5 TWP 5N RGE 67W

Other Services

Permanent Datum GL Elevation 4890
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 4902
D.F. 4901
G.L. 4890

Date	MARCH-6-2008		
Run Number	ONE	SUSSEX	
Depth Driller	7921		
Depth Logger	7861		
Bottom Logged Interval	7858	5000	
Top Log Interval	5000	550	
Open Hole Size	--------------		
Type Fluid	WATER		
Density / Viscosity	---------------		
Max. Recorded Temp.	240 F		
Estimated Cement Top	750		
Time Well Ready	---------------		
Time Logger on Bottom	------------------		
Equipment Number	581		
Location	STERLING CO		
Recorded By	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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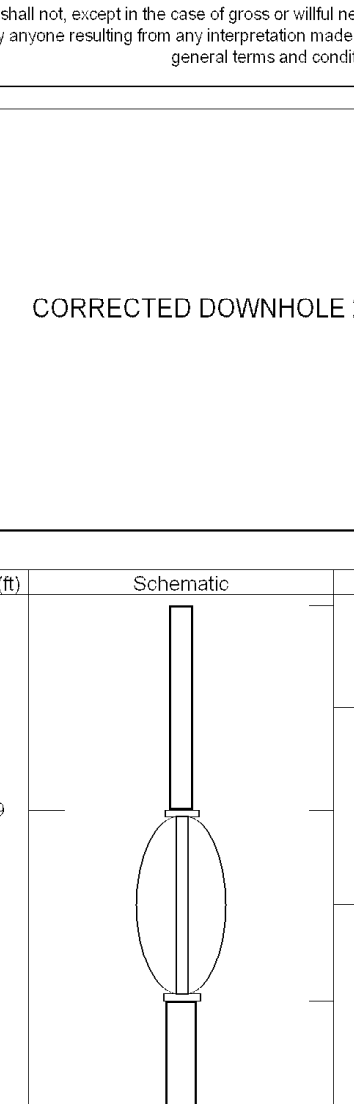
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

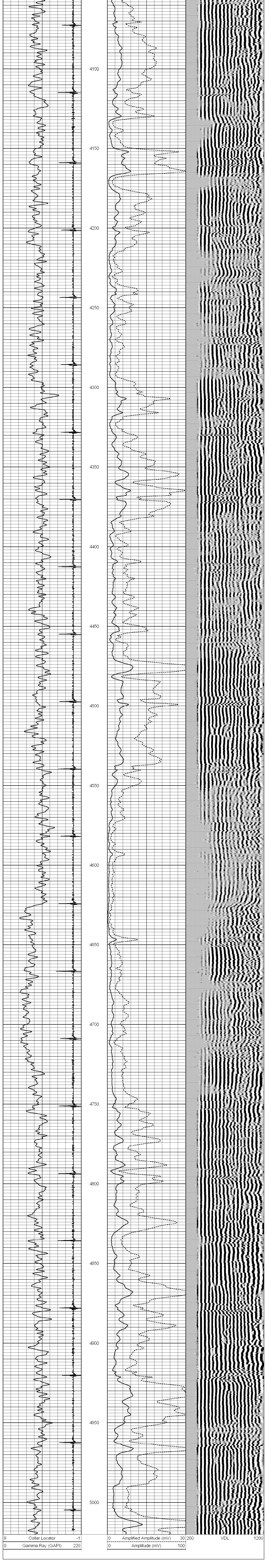
CORRECTED DOWNHOLE 21' TO OPENHOLE DATED 3-FEB-2008

Sensor	Offset (ft)	Schematic	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					



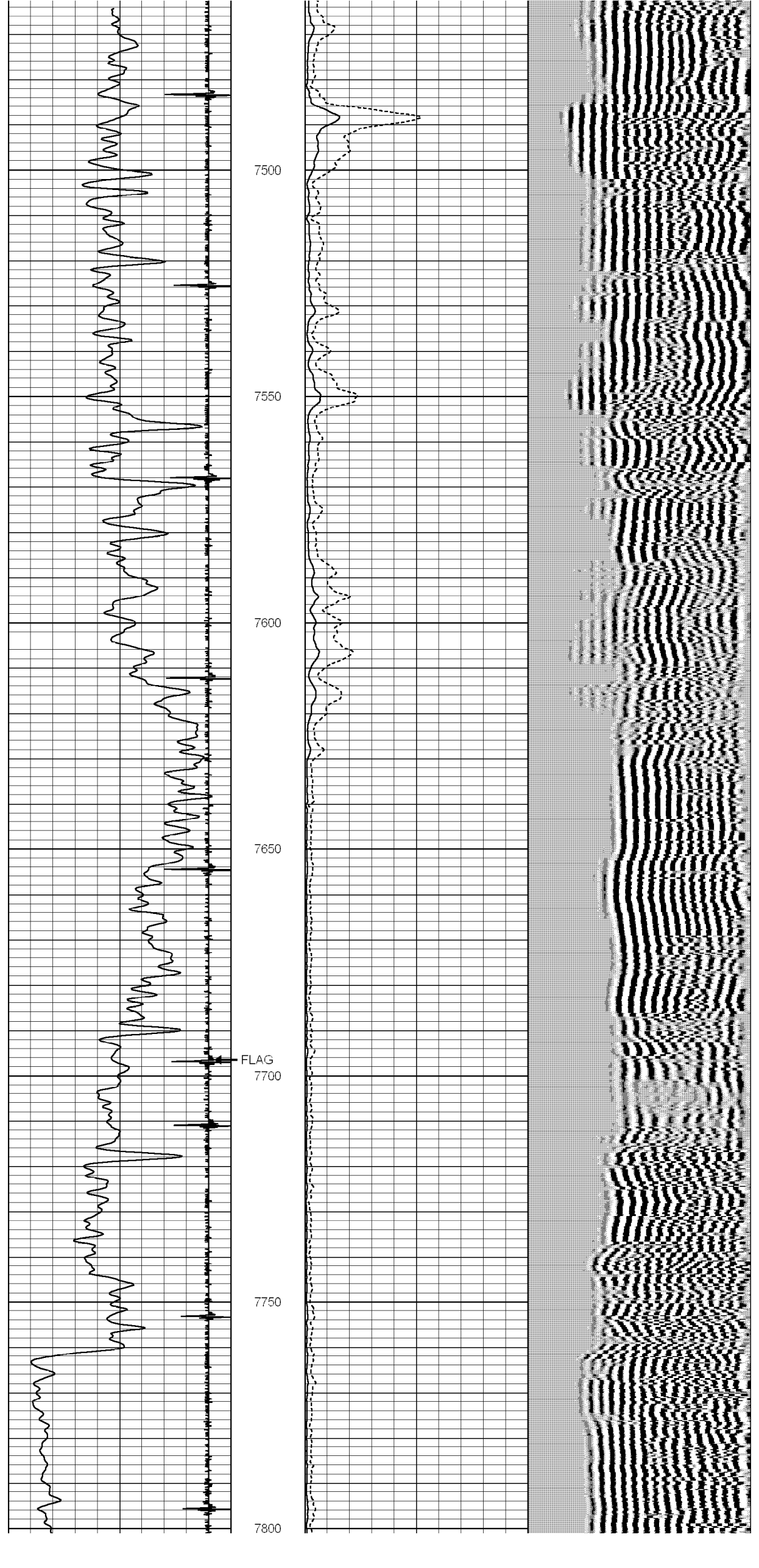
Dataset: trollco 19-5.db: field/well/run1/pass12
Total Length: 20.91 ft
Total Weight: 108.05 lb
O.D. 2.25 in

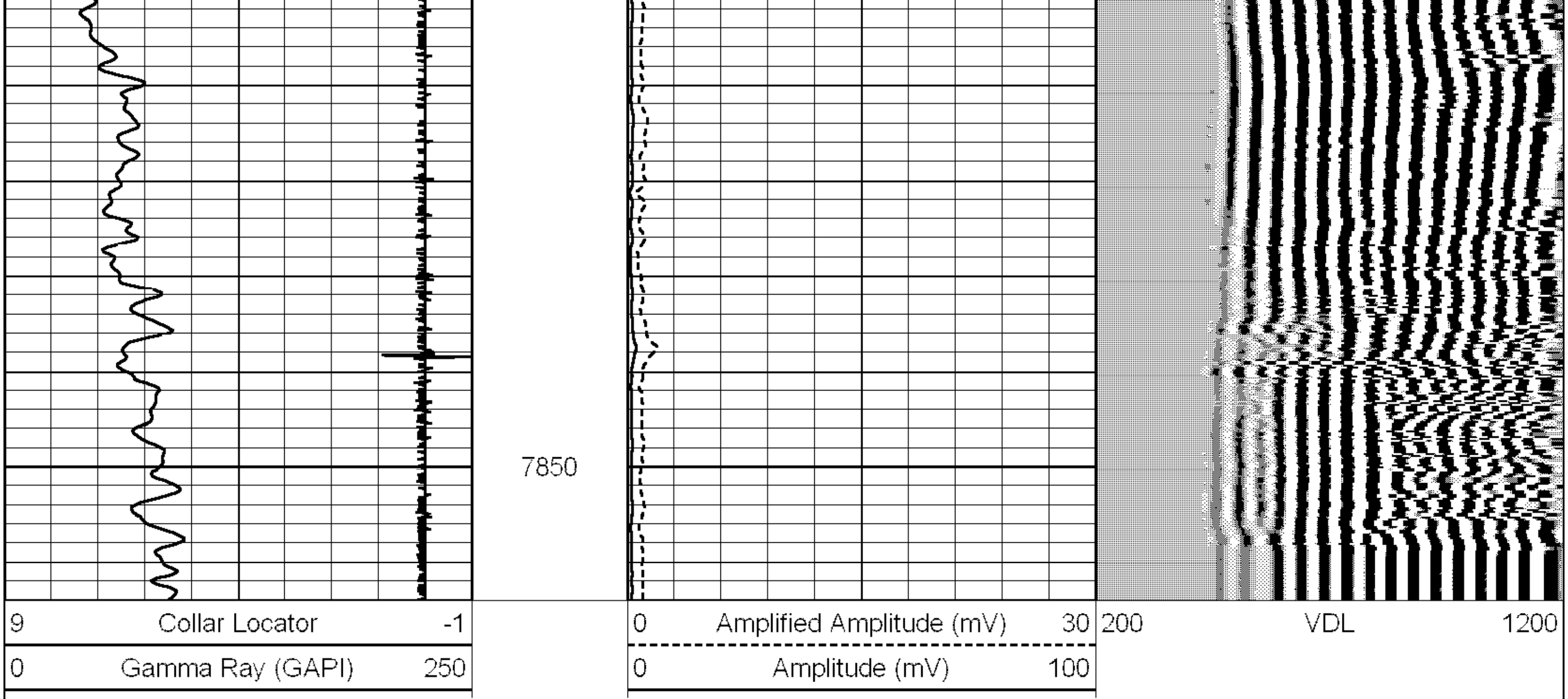
Database File:	trollco 19-5.db
Dataset Pathname:	pass12
Presentation Format:	scbl_dr
Dataset Creation:	Thu Mar 06 09:32:47 2008 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:240



Database File: trollco 19-5.db
Dataset Pathname: pass11
Presentation Format: scbl_dr
Dataset Creation: Thu Mar 06 09:01:58 2008 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

Database File: trollco 19-5.db
Dataset Pathname: pass10
Presentation Format: scbl_dr
Dataset Creation: Thu Mar 06 08:55:22 2008 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240




7850
9
Collar Locator
-1
0
Gamma Ray (GAPI)
250
0
Amplified Amplitude (mV)
30
0
Amplitude (mV)
100
200
VDL
1200