J-W WIRELINE COMPANY

GAMMA RAY CCL
CEMENT BOND VDL

Company	KERR-McGEE OIL & GAS ONSHORE LP.
Well	GRAZNAK 32-11
Field	WATTENBERG
County	WELD
State	CO

Company KERR-McGEE OIL & GAS ONSHORE LP.
Well GRAZNAK 32-11
Field WATTENBERG
County WELD State CO

Location: API #: 05-123-29592
SHL: 1871' FSL & 741' FWL NW/SW
BHL: 2456' FSL & 72' FWL NW/SW
SEC 11 TWP 3N RGE 66W

Other Services

Permanent Datum	GL	Elevation 4906	Elevation
Log Measured From	KB		K.B. 4918
Drilling Measured From	KB		D.F. 4917
			G.L. 4906

Date	MARCH-25-2009
Run Number	ONE
Depth Driller	8020
Depth Logger	7973
Bottom Logged Interval	7970
Top Log Interval	2600
Open Hole Size	
Type Fluid	WATER
Density / Viscosity	------------
Max. Recorded Temp.	230 F
Estimated Cement Top	2965
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 1/2			
Liner				

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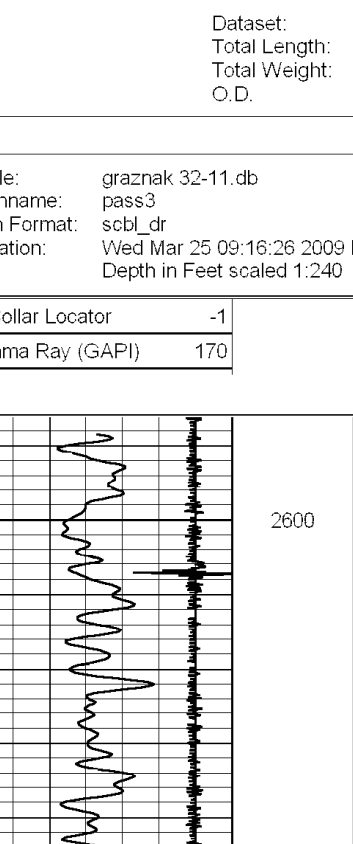
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 6' TO PSI OPENHOLE DATED MARCH-13-2009

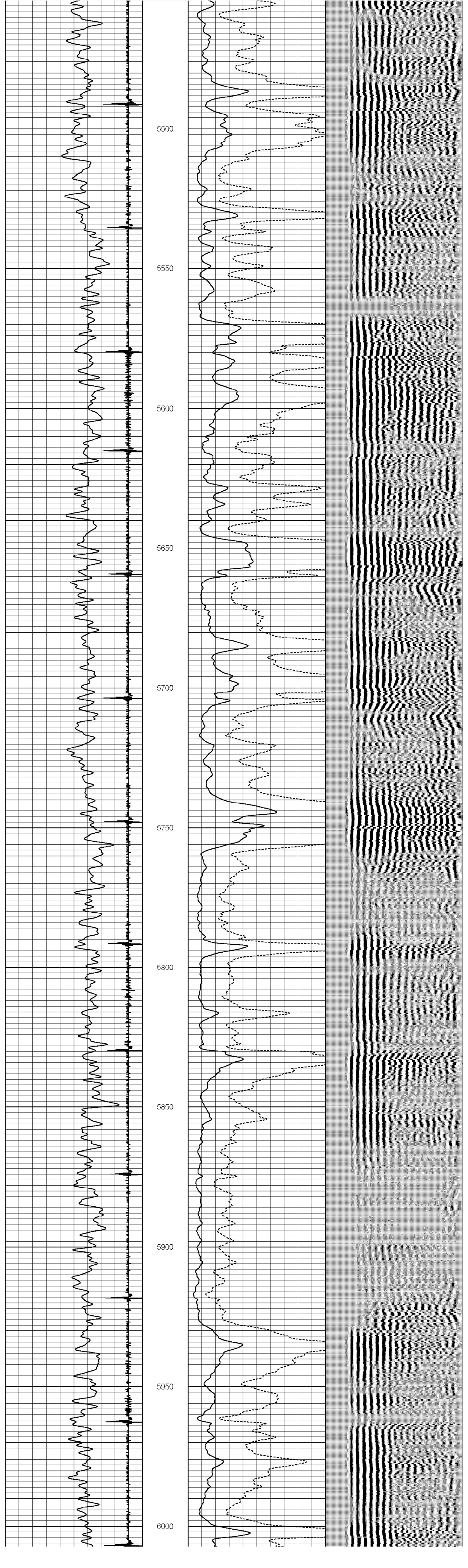


Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		CCL-S_101 (101)	2.92	1.69	11.00
CCL	17.99				
		CENT-TEKCO (101)	2.73	2.25	
TEMP	12.57				
WVFCAL	11.15				
WVFS1	11.15	SCBLTEKSECT-225Temp (T225t_001) TekCo 2 1/4" Sector Tool with Temperature	9.11	2.25	75.00
WVFS2	11.15				
WVFS3	11.15				
WVFS4	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: graznak 32-11.db: field/well/run1/pass3
Total Length: 20.91 ft
Total Weight: 108.05 lb
O.D. 2.25 in

Database File: graznak 32-11.db
Dataset Pathname: pass3
Presentation Format: scbl_dr
Dataset Creation: Wed Mar 25 09:16:26 2009 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

Database File: graznak 32-11.db
Dataset Pathname: pass2
Presentation Format: scbl_dr
Dataset Creation: Wed Mar 25 08:43:11 2009 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240



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7250
7300
7350
7400
7450
7500
7550
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7800
7850
7900
7950
9
Collar Locator
-1
0
Gamma Ray (GAPI)
200
0
Amplitude (mV)
100
200
VDL
1200