J-W WIRELINE COMPANY

GAMMA RAY CCL
CEMENT BOND VDL

Company	GREAT WESTERN OIL & GAS LLC.
Well	HEINZE 44-31
Field	WATTENBERG
County	WELD
State	CO

Company GREAT WESTERN OIL & GAS LLC.
Well HEINZE 44-31
Field WATTENBERG
County WELD State CO

Location: API #: 05-123-24929-00
740' FSL & 564' FEL
SE/SE
SEC 31 TWP 7N RGE 63W

Other Services

Permanent Datum	GL	Elevation 4750	Elevation K.B. 4766 D.F. 4765 G.L. 4750
Log Measured From	KB		
Drilling Measured From	KB		

Date	AUGUST-27-2008
Run Number	ONE
Depth Driller	7073
Depth Logger	6998
Bottom Logged Interval	6995
Top Log Interval	2850
Open Hole Size	----------
Type Fluid	WATER
Density / Viscosity	----------
Max. Recorded Temp.	215 F
Estimated Cement Top	3050
Time Well Ready	----------
Time Logger on Bottom	----------
Equipment Number	581
Location	STERLING CO
Recorded By	MIKE MEISNER
Witnessed By	JAY PAPE

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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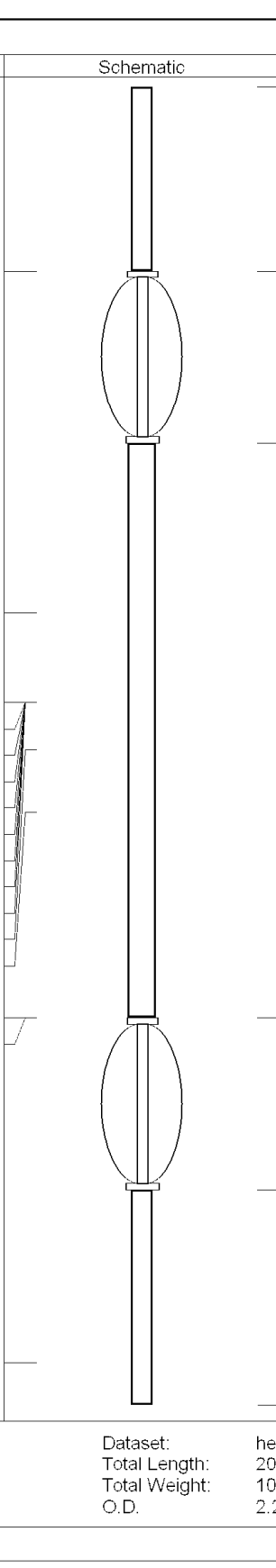
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 10' TO PSI OPENHOLE DATED AUGUST-24-2008

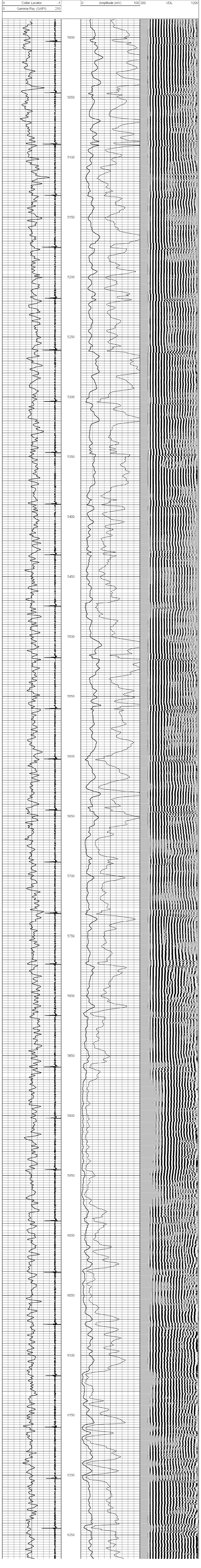


Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CCL-S_101 (101)	2.92	1.69	11.00
CCL	17.99					
			CENT-TEKCO (101)	2.73	2.25	
TEMP	12.57					
WVFCAL	11.15					
WVFS1	11.15		_SCBLTEKSECT-225Temp (T225t_001) TekCo 2 1/4" Sector Tool with Temperature	9.11	2.25	75.00
WVFS2	11.15					
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:	heinze 44-31 8-27.db: field/well/run1/pass3
Total Length:	20.91 ft
Total Weight:	108.05 lb
O.D.	2.25 in

Database File:	heinze 44-31 8-27.db
Dataset Pathname:	pass3
Presentation Format:	scbl_dr
Dataset Creation:	Wed Aug 27 13:13:43 2008 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:240

Database File:	heinze 44-31 8-27.db
Dataset Pathname:	pass2
Presentation Format:	scbl_dr
Dataset Creation:	Wed Aug 27 12:49:42 2008 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:240



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6900
6950
7000
9 Collar Locator -1
0 Gamma Ray (GAPI) 210
0 Amplitude (mV) 100
200 VDL 1200