J-W WIRELINE COMPANY

GAMMA RAY CCL
CEMENT BOND VDL

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

Company GREAT WESTERN OIL & GAS LLC.
Well SCHMUNK 31-31
Field WATTENBERG
County WELD State CO
Location: API #: 05-123-25563-00
524' FNL & 1821' FEL
NW/NE
SEC 31 TWP 7N RGE 65W
Other Services

Permanent Datum	GL	Elevation	4853
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4869
D.F. 4868
G.L. 4853

Date	OCTOBER-10-2008
Run Number	ONE
Depth Driller	7476
Depth Logger	7426
Bottom Logged Interval	7424
Top Log Interval	3250
Open Hole Size	------------
Type Fluid	WATER
Density / Viscosity	------------
Max. Recorded Temp.	224 F
Estimated Cement Top	3460
Time Well Ready	------------
Time Logger on Bottom	------------
Equipment Number	581
Location	STERLING CO
Recorded By	MEISNER
Witnessed By	JAY PAPE

Borehole Record

Run Number	Bit	From	To

Tubing Record

Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String				
Liner				

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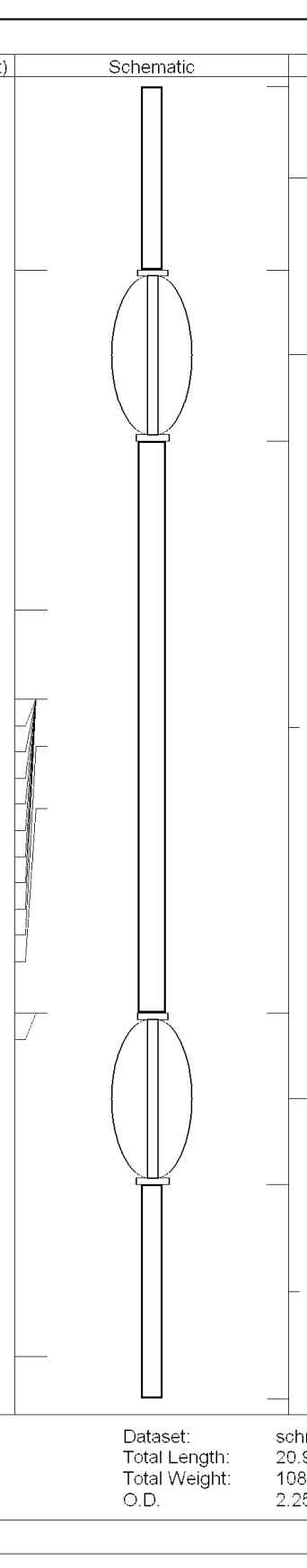
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

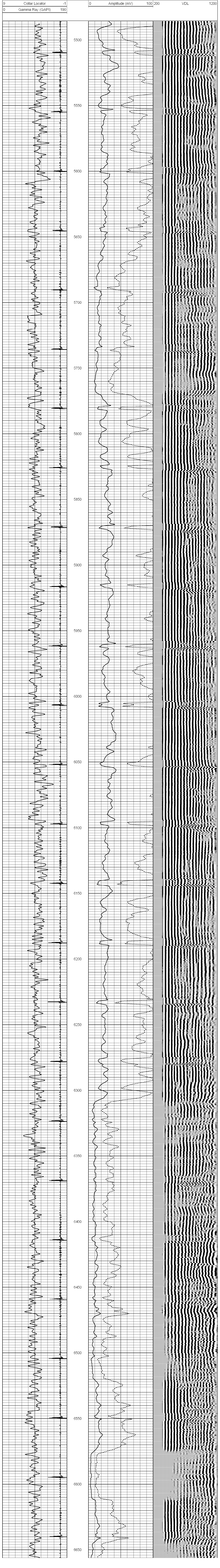
CORRECTED DOWN 10 ' TO PSI OPENHOLE DATED 10-1-2008

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: schmunk 31-31.db: field/well/run1/pass3
Total Length: 20.91 ft
Total Weight: 108.05 lb
O.D. 2.25 in

Database File: schmunk 31-31.db
Dataset Pathname: pass3
Presentation Format: scbl_dr
Dataset Creation: Fri Oct 10 12:35:50 2008 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

Database File: schmunk 31-31.db
Dataset Pathname: pass2
Presentation Format: scbl_dr
Dataset Creation: Fri Oct 10 12:15:23 2008 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240



6700
6750
6800
6850
FLAG
6900
6950
7000
7050
7100
7150
FLAG
7200
7250
7300
7350
7400
9 Collar Locator -1
0 Gamma Ray (GAPI) 190
0 Amplitude (mV) 100
200 VDL 1200