LOG-TECH

DIGITAL LOG

(785) 625-3858

Borehole Compensated Sonic Log

API No. 15-039-21,092-00-00

Company	Murfin Drilling Company, Inc.
Well	Carter-Brown Unit #1-21
Field	Wildcat
County	Decatur
	State Kansas

Location 1520' FNL & 2650' FEL

Sec: 21	Twp: 3 S	Rge: 27 W		

Elevation 2624   5   Ft. Above Perm. Datum

Other Services
CNL/CDL
MEL/DIL

Elevation
K.B. 2629
D.F.
G.L. 2624

Permanent Datum	Ground Level
Log Measured From	Kelly Bushing
Drilling Measured From	Kelly Bushing
Date	3/29/2009
Run Number	Two
Type Log	
Type Driller	BHC Sonic
Depth Driller	3850
Depth Logger	3856
Bottom Logged Interval	3845
Top Logged Interval	200
Type Fluid In Hole	Chemical
Salinity, PPM CL	4,400
Density	9.2
Level	Full
Max. Rec. Temp. F	117
Operating Rig Time	4 Hours
Equipment – Location	10 Hays
Recorded By	J. Wellbrock
Witnessed By	Paul Gunzelman

Borehole Record

Run No	Bit	From	To	Size	Wgt.
1	12.25	00	210	8.625	24#
2	7.875	210	3850		

Casing Record

From	To
00	210

Comments

Thank you for using Log-Tech, Inc.
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Oberlin, 8 E to 8E Rd, 2 S,
1 E, 1 S, 1/2 E, S Into

Database File:	c:\warrior\data\murfin_carter-brown unit #1-21\murfhd.db
Dataset Pathname:	dil/murf2in
Presentation Format:	sonic
Dataset Creation:	Sun Mar 29 18:31:56 2009
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	Gamma Ray	300	5 (msec) 0	30	SPOR (pu)	-10
6	Caliper (in)	16		10000	LTEN (lb) (lb)	0
						LSPD (ft/min)

2800

2850

2900

2950

-74

-75

-74

-74

0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	Gamma Ray	300	5 (msec) 0	30	SPOR (pu)	-10
6	Caliper (in)	16		10000	LTEN (lb) (lb)	0
					LSPD (ft/min)	