



PIONEER

Pioneer Energy Services

Borehole Compensated Sonic Log

API No.

15-023-21420-00-00

Company Murfin Drilling Company, Inc.

Well Culwell "C" #3-10

Field Jones Canyon Southeast

County Cheyenne State Kansas

Location

Sec: 10

Twp: 1S

Rge: 37W

SE SW
660' FSL / 1980' FWL

Other Services
CNL/CDL
MEL/DIL

Permanent Datum Ground Level Elevation 3189

Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum

K.B. 3200
D.F.
G.L. 3189

Drilling Measured From Kelly Bushing

Elevation

Date 2/15/2015

Run Number Two

Type Log BHC Sonic

Depth Driller 4730

Depth Logger 4726

Bottom Logged Interval 4715

Top Logged Interval 200

Type Fluid In Hole Chemical

Salinity, PPM CL 500

Density 9.3

Level Full

Max. Rec. Temp. F 123

Operating Rig Time 5 Hours

Equipment -- Location 51 Hays

Recorded By R. Barnhart

Witnessed By Chuck Schmalz

Borehole Record

Casing Record

Run No Bit From To Size Wgt. From To

One 12.25 00 225 8.625 23# 00 225

Two 7.875 225 TD

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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

Thank you for using Log-Tech, Inc.
(785) 625-3858

Bird City, KS:
N to AA Rd., 3 1/2E to a T, 2N to a Y, E past CG to rig

Database File: murfin_hd.db
Dataset Pathname: dil/mrfmain
Presentation Format: sonic
Dataset Creation: Sun Feb 15 06:15:23 2015
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300	5	0	Sonic Porosity	-10
6	dCAL (GAPI)	16		15000	LTEN (lb)	0
						LSPD









































