



Pioneer Energy Services

Borehole Compensated Sonic Log

15-171-20,948-00-00

API No.	Company Landmark Resources, Inc.		
	Well	Sands No. 1 - 11	
	Field	Wildcat	
	County	Scott	State Kansas
	Location	1998' FSL & 2285' FWL	
	Sec: 11	Twp: 17 S	Rge: 34 W
Permanent Datum	Ground Level	Elevation	3092
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	5/12/2013	Other Services	CNL/CDL MEL/DIL
Run Number	Two	Elevation	K.B. 3103
Type Log	BHC Sonic		D.F. 3092
Depth Driller	4900		
Depth Logger	4903		
Bottom Logged Interval	4892		
Top Logged Interval	250		
Type Fluid In Hole	Chemical		
Salinity, PPM CL	9000		
Density	9.3		
Level	Full		
Max. Rec. Temp. F	125		
Operating Rig Time	5 1/2 Hours		
Equipment -- Location	108 Hays		
Recorded By	D. Martin		
Witnessed By	Brad Rine		

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	266	8.625	23#	00	266
Two	7.875	266	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

Modoc, KS
N to "T", 1/2 E to Cherokee Rd.,
6 N, E Into(1 1/2 E, 1/2 N, W 1/8)

Database File: landmark_sands_1-11hd.db
 Dataset Pathname: dil/landstk
 Presentation Format: sonic
 Dataset Creation: Sun May 12 13:41:18 2013
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	Gamma Ray (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu)	-10
6	dCAL (in)	16		15000	LTEN (lb) (lb)	0
						LSPD (ft/min)









































