



# DUAL COMP POROSITY LOG

Pioneer Energy Services

Company BEAR PETROLEUM, LLC  
 Well GL SCHMIDT "B" NO. 1  
 Field BULL CREEK  
 County RICE State KANSAS

Company BEAR PETROLEUM, LLC  
 Well GL SCHMIDT "B" NO. 1  
 Field BULL CREEK  
 County RICE  
 State KANSAS

Location: API #: 15-159-22831-00-00  
 NE NE SW NW  
 1,550' FNL & 1,250' FWL  
 SEC 21 TWP 21S RGE 8W  
 Permanent Datum GROUND LEVEL Elevation 1629'  
 Log Measured From KELLY BUSHING  
 Drilling Measured From KELLY BUSHING  
 Other Services DIL/MEL  
 Elevation K.B. 1639'  
 D.F. N/A  
 G.L. 1629'

Date	4/14/2016
Run Number	ONE
Type Log	CNL/CDL
Depth Driller	3773'
Depth Logger	3774'
Bottom Logged Interval	3745'
Top Logged Interval	2700'
Type Fluid In Hole	CHEMICAL
Salinity, PPM CL	5000
Density	9.5
Level	FULL
Max. Rec. Temp. F	114 DEG F.
Operating Rig Time	2 1/2 HOURS
Equipment -- Location	108 COLBY
Recorded By	J. LONG
Witnessed By	JIM MUSGROVE

**Borehole Record**

**Casing Record**

Run No.	Bit	From	To	Size	Wgt.	From	To
ONE	12.25"	00'	278'	8.625"	23#	00'	278'
TWO	7.875"	278'	TD				

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

**Comments**

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.  
 STERLING, 1 1/2 EAST ON AVENUE W (SOUTH EDGE OF TOWN) TO 17 ROAD, 1/4 SOUTH, EAST INTO (NORTH SIDE OF RR TRACKS)

Log Measured From: KELLY BUSHING 10 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES  
[www.pioneerenergy.com](http://www.pioneerenergy.com) 785-625-3858

**Your Pioneer Energy Services Crew**

Engineer: J. LONG  
 Operator:  
 Operator:  
 Operator: M. HISS

**This Log Record Was Witnessed By**

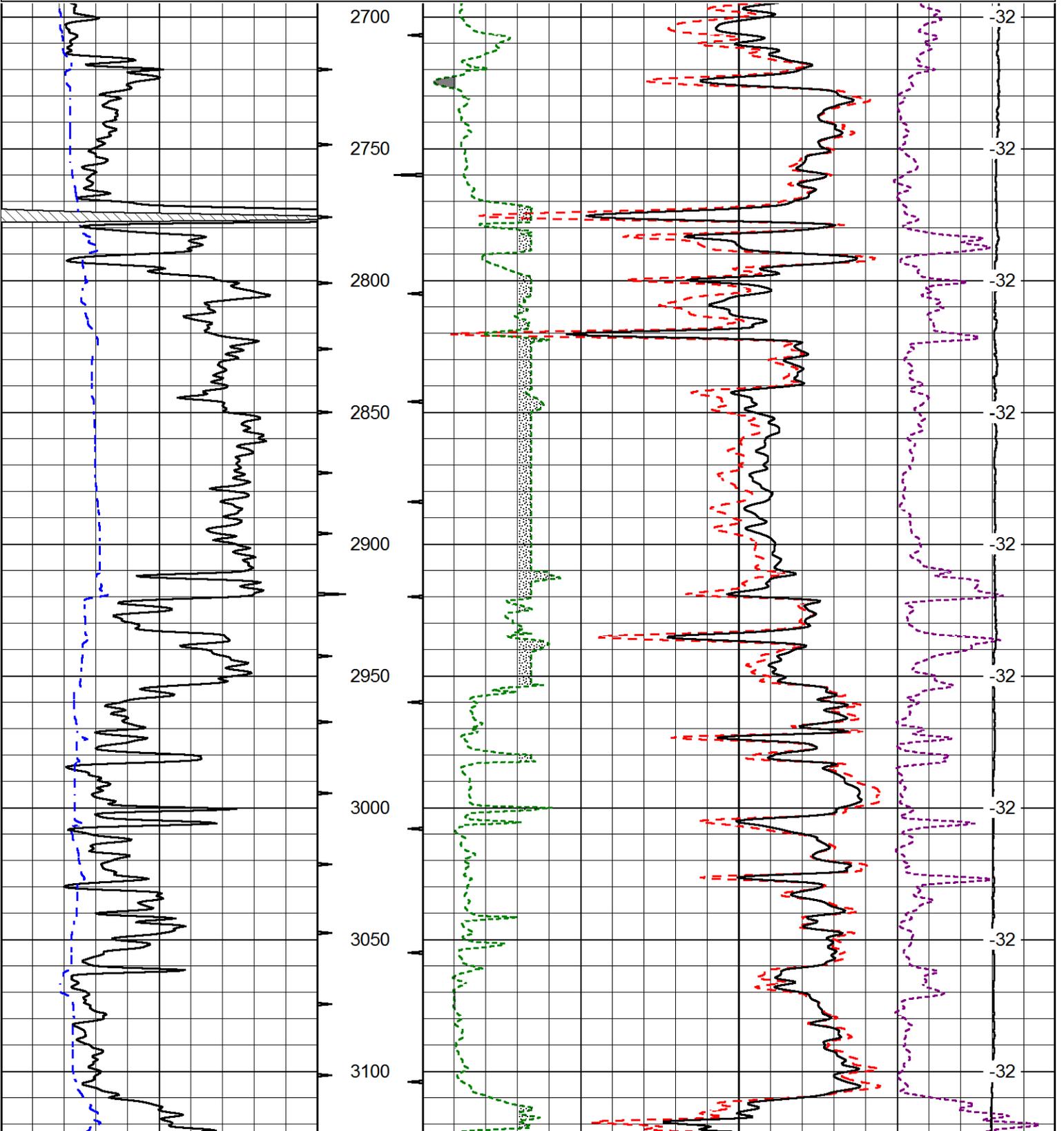
Primary Witness: JIM MUSGROVE  
 Secondary Witness:  
 Secondary Witness:  
 Secondary Witness:

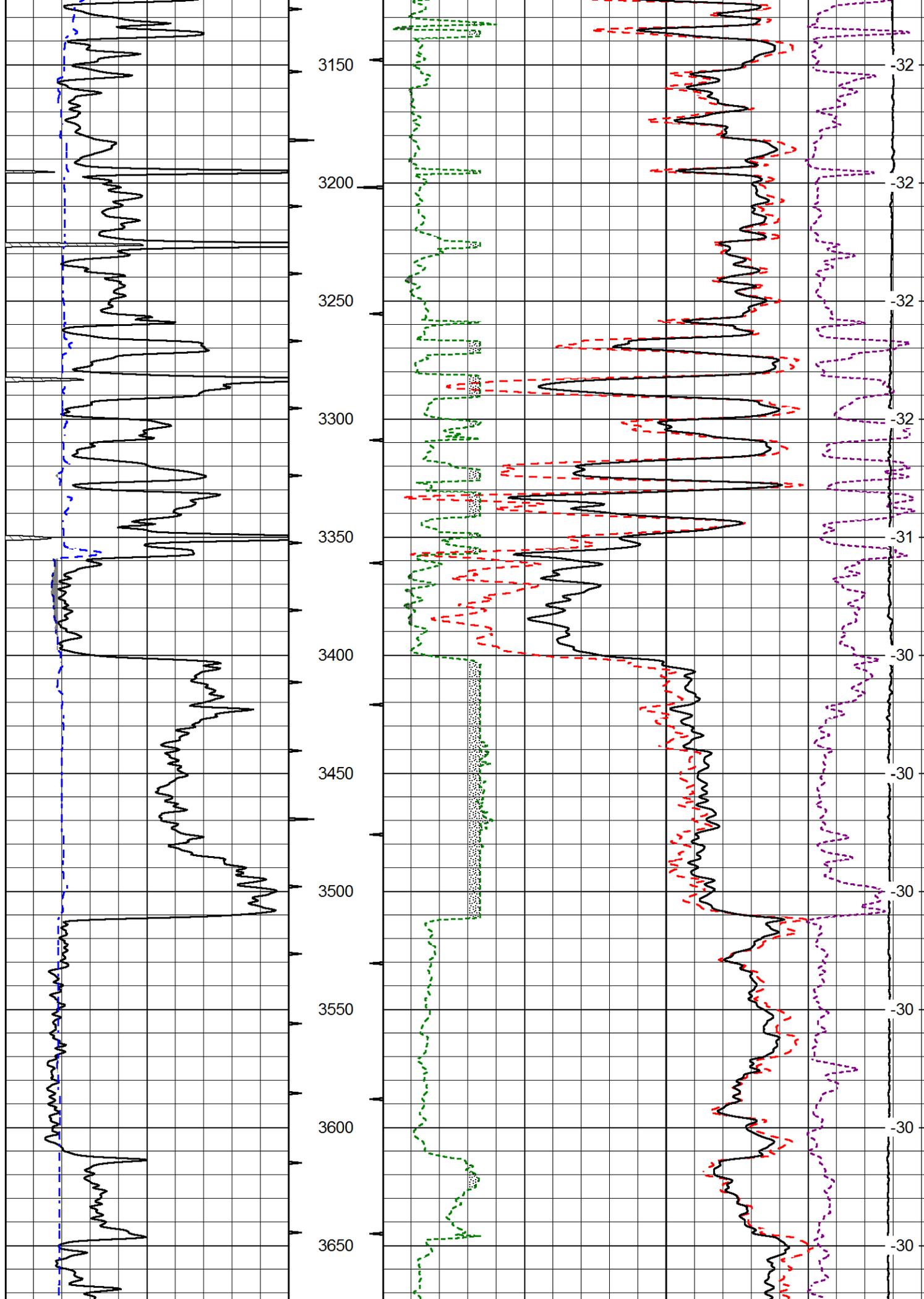
Database File bearpetroleum\_gl\_schmidt\_b\_1hd.db  
 Dataset Pathname DIL/brstckml  
 Presentation Format cdl  
 Dataset Creation Fri Apr 15 00:00:27 2016  
 Charted by Depth in Feet scaled 1:600

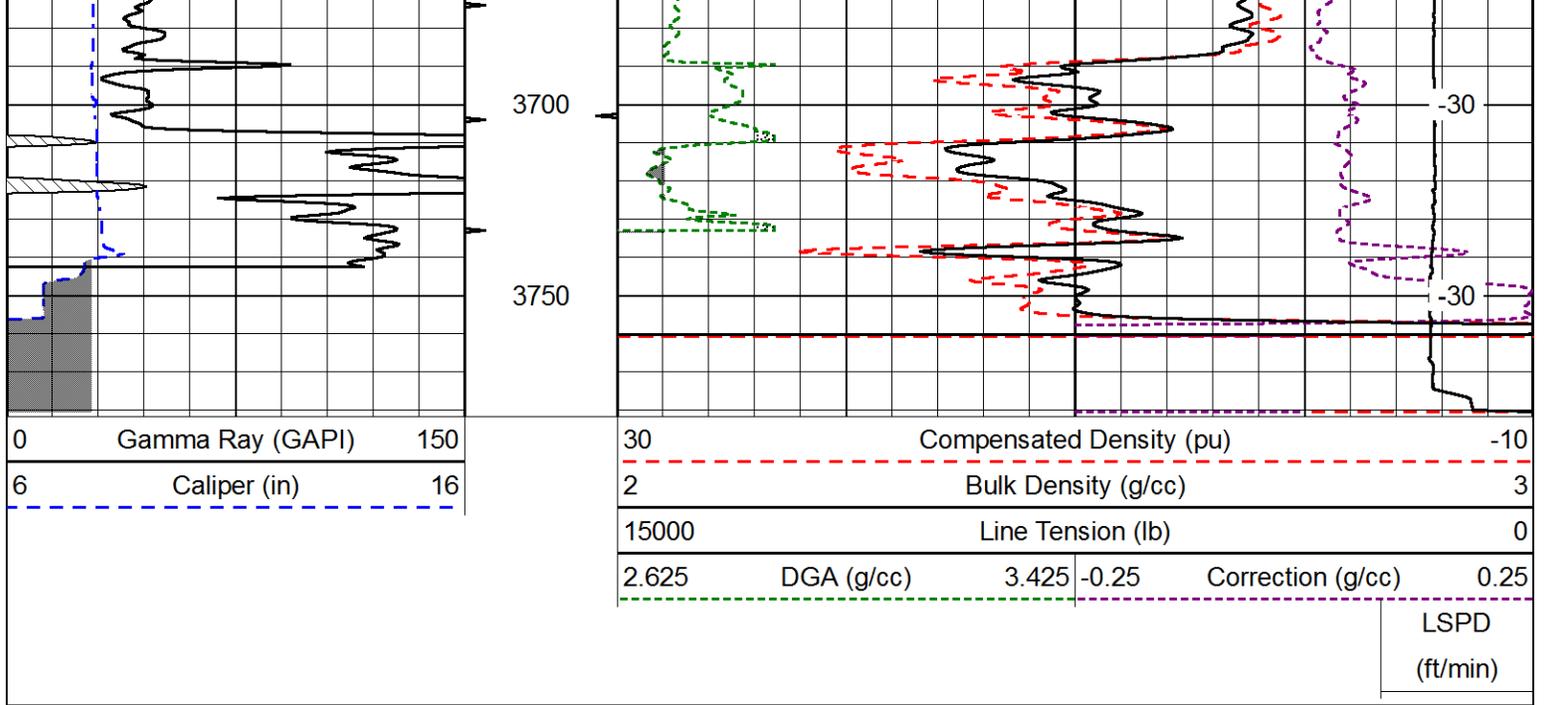
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

30	Compensated Density (pu)		-10
2	Bulk Density (g/cc)		3
15000	Line Tension (lb)		0
2.625	DGA (g/cc)	3.425	-0.25
		Correction (g/cc)	0.25

LSPD  
(ft/min)







Database File      bearpetroleum\_gl\_schmidt\_b\_1hd.db  
 Dataset Pathname    DIL/brstckml  
 Presentation Format    cndlspec  
 Dataset Creation      Fri Apr 15 00:00:27 2016  
 Charted by            Depth in Feet scaled 1:240

