



ED DENSITY
RON
OG

Company	Patternson Energy	Well	Read #1	Field	Lorraine	County	Ellsworth	State	Kansas	Other Services
Location:										M/L D/L
AP# :	15 053 21373									
Permenant Datum	SEC 23 TWP 19S RGE 9W									Elevation
Log Measured From	Ground Level									K 8.1775 D.F. 1775 G.L. 1761
Driiling Measured From	KB 11 AGL									
Date	9/21/20									
Run Number	One									
Depth	3285									
Bottom Logged Interval	3281									
Top Log Interval	2500									
Coring Driller	8.50 @ .308"									
Coring Logger	.308"									
Time Fluid in Hole	1.10									
Density / Viscosity	Chemical									
pH / Fluid Loss	8.957									
Source of Sample	108									
Run @ Mass Temp	Calculated									
Run @ Mass Temp	0.8 @ 135degF									
Source of Run / Rms	1.3 @ 85degF									
Run @ BHT	Calculated									
Time Circulation Stopped	0.8 @ 135degF									
Circulation Stop Time	11:30 a.m									
Maximum Recorded Temperature	113degF									
Equipment Number	13540									
Location	Hayes KS.									
Recorded By	Chris Patterson									
Reviewed By	Mr. Austin Hayes									

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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 of interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any losses, costs, damage incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are general terms and conditions set out in our current Price Schedule.

Comments

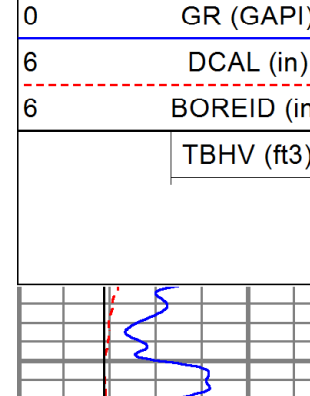
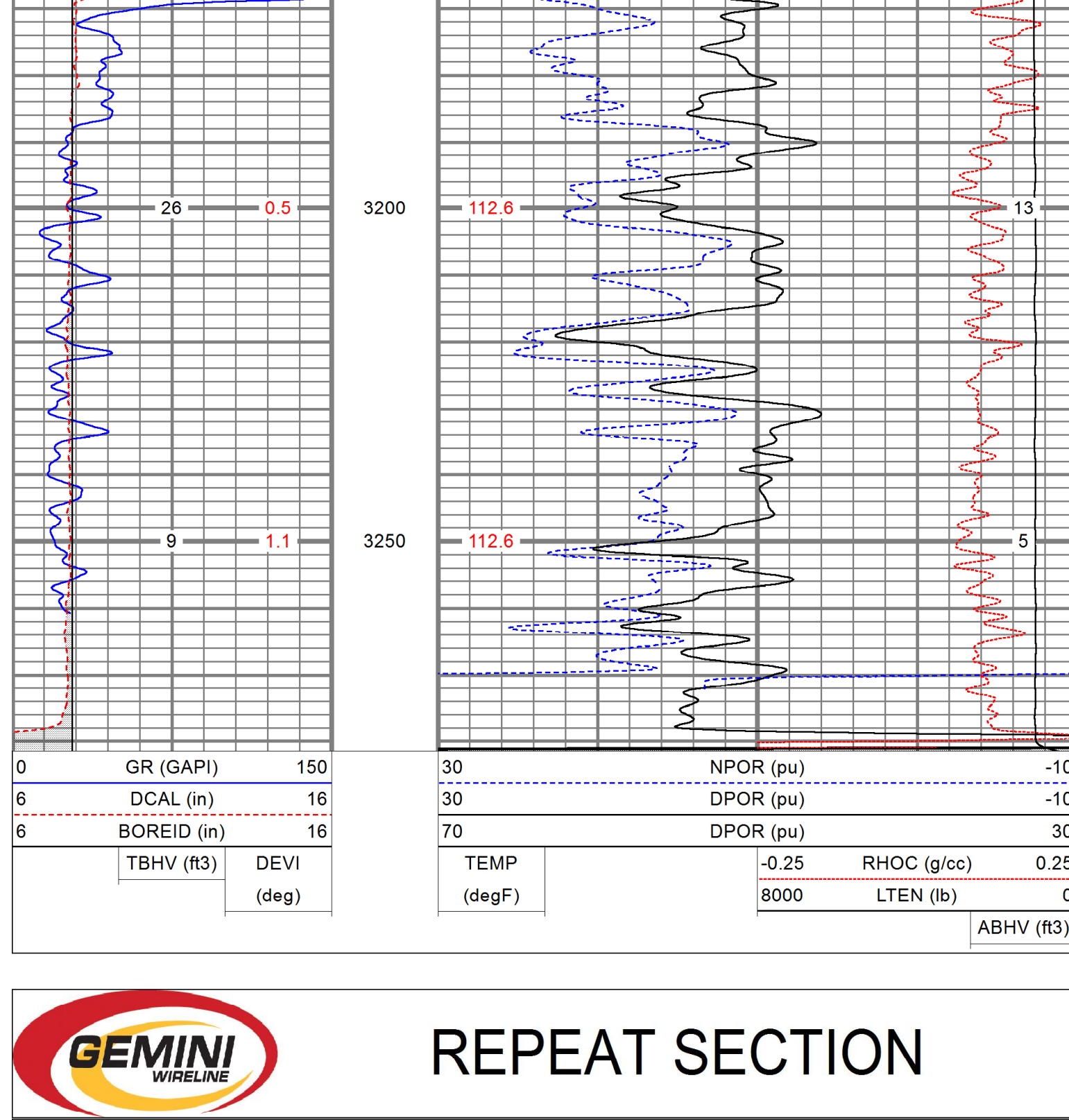
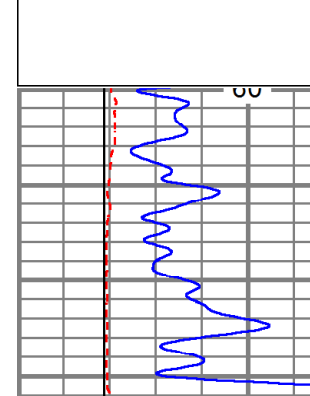
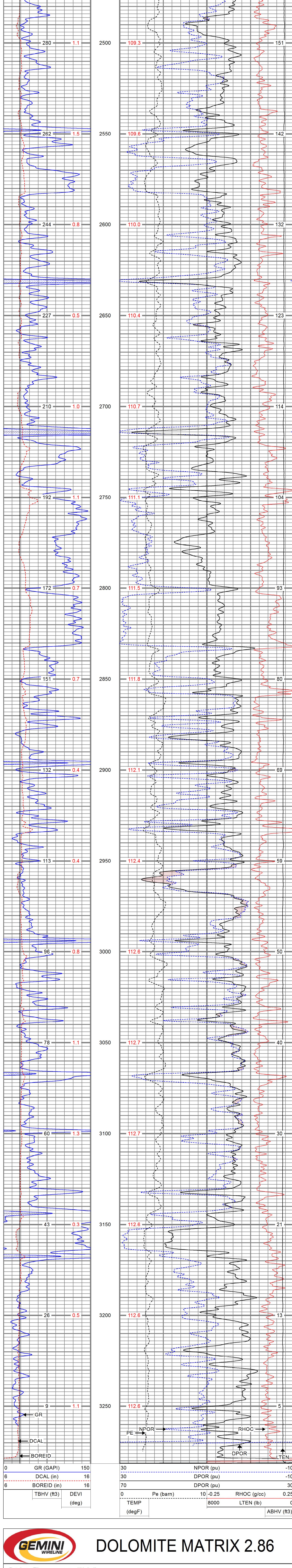
Bushton,KS Gas Plant K-4 and Chas Rd, East 3 mi. to 11th Rd,
 Then North on 11 Rd Approx 3 1/2 mi.,
 East End Location

Thanks for using Gemini Wireline LLC
765-625-1182

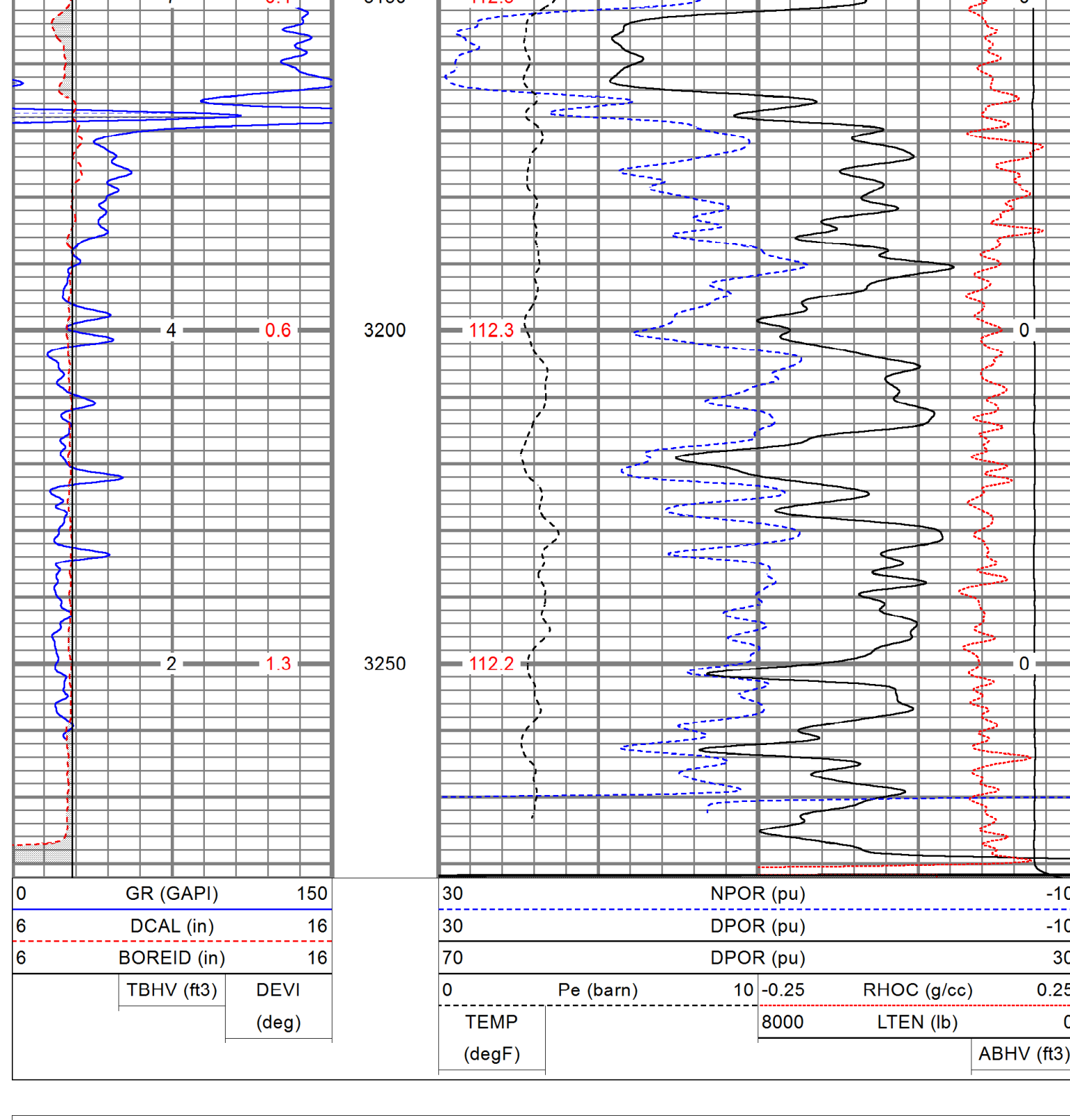
Database File	pereed#1oh.db
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2020
1:240

16	30	DPOR (pu)	
16	70	DPOR (pu)	
3) DEVI	0	Pe (barn)	10 -0.25 R
(deg)	TEMP		8000
	(degF)		



30	NPOR (pu)
30	DPOR (pu)
70	DPOR (pu)
0	Pe (barn)
10	-0.25 RHOC (g/g)
TEMP (degF)	8000 LTEN (lb)



2020

Neutron Calibration Report		
Serial Number:	AD5139	
Tool Model:	ADMY5139	
Performed:	(Not Performed)	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps

Temperature

Serial Number:	WithMC			
Tool Model:	VMMC			
Performed:	Fri Apr 19 12:15:04 2019			
	Reference		Reading	
Low Reference:	0.00	degF	0.00	degF
High Reference:	1.00	degF	1.00	degF
Gain:	1.00			
Offset:	0.00			
Temperature				

Inclinometer

19 12:14:53 20

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	205.00	1843.00	-1.00	1.00	gee
Y Accelerometer	205.00	1843.00	-1.00	1.00	gee
Z Accelerometer					gee

Gamma Ray

WithMC

Tool Model:	WMC	
Performed:	Fri Apr 19 12:14:18 2019	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

GR	18.60		CHD-STD	0.50	1.69	1.00
ACCY	17.44					
ACCX	17.44		ADT-WMC (WithMC)	4.58	3.50	120.00
SSTAT	17.02		Admry Telemetry With Mudcell			
PSTAT	16.19					
ASTAT	16.19					
GRD	15.35					
TEMP	15.35					
NEU	11.29		NEU-ADMY5139 (AD5139)	5.65	3.50	50.00
LStat	2.83		Admry NEU DIGITAL			
LS8	2.17					
LS7	2.17					
LS6	2.17					
LS5	2.17					
LS4	2.17					
LS3	2.17					
LS2	2.17		ADT1LITH-A (1)	9.29	3.50	240.00
LS1	2.17		Admry Litho Density Tool			
LSV	2.17					
LSD	2.15					
SSV	1.96					
SS8	1.96					
SS7	1.96	Dataset:	perced#1oh.db: field/well/run1/pass5			
SS6	1.96	Total length:	20.02 ft			
SS5	1.96	Total weight:	411.00 lb			
SS4	1.96	O.D.:	3.50 in			