Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

1364463

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

### WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):  If Workover/Re-entry: Old Well Info as follows:  Operator: Well Name: Original Comp. Date: Original Total Depth:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.
□ Deepening       □ Re-perf.       □ Conv. to ENHR       □ Conv. to SWD         □ Plug Back       □ Conv. to GSW       □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Dual Completion Permit #:	
SWD         Permit #:           ENHR         Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSec.         TwpS. R East West           County:         Permit #:

#### **AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

**Submitted Electronically** 

KCC Office Use ONLY
Confidentiality Requested
Date:
Confidential Release Date:
☐ Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

Sec Twp	v important tops of for g and shut-in pressu surface test, along w Final Logs run to ob in LAS version 2.0 o	ormations ires, whe ith final c	s penetrated. D ther shut-in pre hart(s). Attach physical Data a	etail all cor ssure reach	es. Rep	ort all final copi		ests giving inter	
open and closed, flowing and flow rates if gas to s Final Radioactivity Log,	g and shut-in pressu surface test, along w Final Logs run to ob in LAS version 2.0 o	ires, whe ith final c tain Geo	ther shut-in pre hart(s). Attach physical Data a	ssure reacl	ned stati				
	in LAS version 2.0 o				t if more			tioni note tempe	erature, fluid recover
			AND an image f			gs must be ema	ailed to kcc-well-lo	ogs@kcc.ks.gov	v. Digital electronic lo
Drill Stem Tests Taken (Attach Additional She	eets)	Ye	es No		_ L		on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Ye	es 🗌 No		Name	9		Тор	Datum
Cores Taken Electric Log Run		☐ Y€							
List All E. Logs Run:									
		Repo	CASING ort all strings set-c		Ne		ion, etc.		
Purpose of String	Size Hole Drilled	Siz	re Casing t (In O.D.)	Weig Lbs./	jht	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTIN	IG / SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Туре	of Cement	# Sacks	s Used Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone									
Did you perform a hydraulic Does the volume of the tota Was the hydraulic fracturing	l base fluid of the hydra	aulic fractu	ıring treatment ex		-	Yes [ Yes [ Yes [	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Shots Per Foot			RD - Bridge Plugs Each Interval Perf				cture, Shot, Cemen		Depth
TUBING RECORD:	Size:	Set At:		Packer At	:	Liner Run:	Yes No		
Date of First, Resumed Pro	oduction, SWD or ENH	IR.	Producing Meth	od:	g 🗌	Gas Lift (	Other (Explain)		
Estimated Production Per 24 Hours	Oil B	bls.	Gas	Mcf	Wate	er E	bls.	Gas-Oil Ratio	Gravity
DISPOSITION  Vented Sold  (If vented, Submi	Used on Lease		N Dpen Hole	IETHOD OF		Comp. Co	mmingled mit ACO-4)	PRODUCTIO	ON INTERVAL:

Form	ACO1 - Well Completion	
Operator	Neal LaFon Realty Inc. dba Meridian Energy Inc.	
Well Name	PARSONS 1	
Doc ID	1364463	

#### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	10	8.625	23	221	60/40 poz	150	3%CC 2% gel



#### DRILL STEM TEST REPORT

Meridian Energy Inc.

25-9S-19W Rooks, KS

Parsons #1

Tester:

1475 Ward Dr.

Franktow n, CO 80116 Job Ticket: 63185

ATTN: Maxwell LaFon

Test Start: 2017.04.30 @ 01:57:02

73

#### GENERAL INFORMATION:

Formation: Toronto- LKC "C"

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 05:17:08 Time Test Ended: 11:27:37

Interval: 3345.00 ft (KB) To 3440.00 ft (KB) (TVD)

Total Depth: 3440.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair Unit No: Reference Elevations:

Brannan Lonsdale

2202.00 ft (KB) 2197.00 ft (CF)

DST#: 1

KB to GR/CF: 5.00 ft

Serial #: 8524 Outside

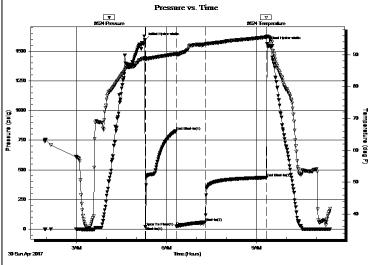
Press@RunDepth: 3372.00 ft (KB) Capacity: 60.29 psig @ 8000.00 psig

Start Date: 2017.04.30 End Date: 2017.04.30 Last Calib.: 2017.04.30 Start Time: 01:57:03 End Time: 11:27:37 Time On Btm: 2017.04.30 @ 05:16:53 Time Off Btm: 2017.04.30 @ 09:20:23

TEST COMMENT: 002- IF- .5" blow

060- ISI- No blow

060- FF- Slow ly built to 9" 120- FSI- No blow



		PI	RESSUR	RE SUMMARY
1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1593.65	88.94	Initial Hydro-static
	1	21.28	88.52	Open To Flow (1)
	2	22.45	88.54	Shut-In(1)
,	62	826.91	90.25	End Shut-In(1)
	63	23.75	90.03	Open To Flow (2)
	120	60.29	93.32	Shut-In(2)
î	243	434.34	95.56	End Shut-In(2)
"	244	1559.59	95.80	Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)
95.00	WM, 10%W 90%M	1.35
<b>.</b>	<b> </b>	· · · · · · · · · · · · · · · · · · ·

Gas Rat		
Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)

Trilobite Testing, Inc. Ref. No: 63185 Printed: 2017.04.30 @ 11:54:18



#### DRILL STEM TEST REPORT

Meridian Energy Inc.

25-9S-19W Rooks, KS

1475 Ward Dr.

Job Ticket: 63185

Parsons #1

DST#: 1

ATTN: Maxwell LaFon

Franktow n, CO 80116

Test Start: 2017.04.30 @ 01:57:02

#### GENERAL INFORMATION:

Formation: Toronto- LKC "C"

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 05:17:08 Time Test Ended: 11:27:37

73

Brannan Lonsdale

Unit No:

Reference Elevations: 2202.00 ft (KB) 2197.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 6838

Inside

Press@RunDepth: 3372.00 ft (KB) psig @

3440.00 ft (KB) (TVD)

Capacity: Last Calib.:

Tester:

8000.00 psig

Start Date: 2017.04.30 End Date: 2017.04.30 11:27:52

Time On Btm:

2017.04.30

Start Time:

Interval:

Total Depth:

01:57:18

3345.00 ft (KB) To 3440.00 ft (KB) (TVD)

End Time:

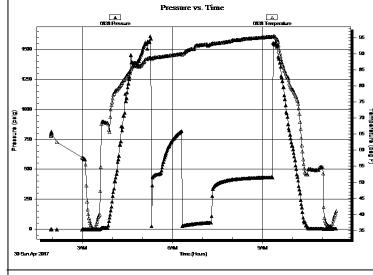
Time Off Btm:

TEST COMMENT: 002- IF- .5" blow

060- ISI- No blow

060- FF- Slow ly built to 9"

120- FSI- No blow



#### PRESSURE SUMMARY

				• • • • • • • • • • • • • • • • • • •
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
Temperature (dec F)				
ì				
9				

#### Recovery

Length (ft)	Description	Volume (bbl)
95.00	WM, 10%W 90%M	1.35

#### Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc. Ref. No: 63185 Printed: 2017.04.30 @ 11:54:20



#### DRILL STEM TEST REPORT

**FLUID SUMMARY** 

Meridian Energy Inc.

25-9S-19W Rooks, KS

1475 Ward Dr.

Parsons #1

Job Ticket: 63185

DST#: 1

ATTN: Maxwell LaFon

Franktown, CO 80116

Test Start: 2017.04.30 @ 01:57:02

**Mud and Cushion Information** 

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: 26000 ppm

Viscosity: 67.00 sec/qt Cushion Volume: bbl

Water Loss: 5.60 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 4000.00 ppm Filter Cake: inches

#### **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
95.00	WM, 10%W 90%M	1.347

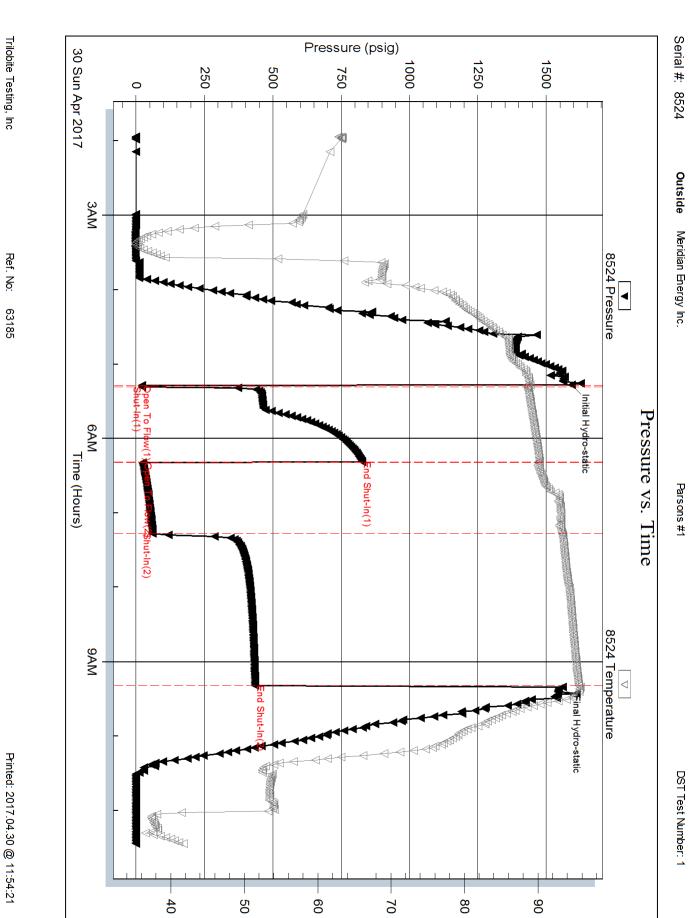
Total Length: 95.00 ft Total Volume: 1.347 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

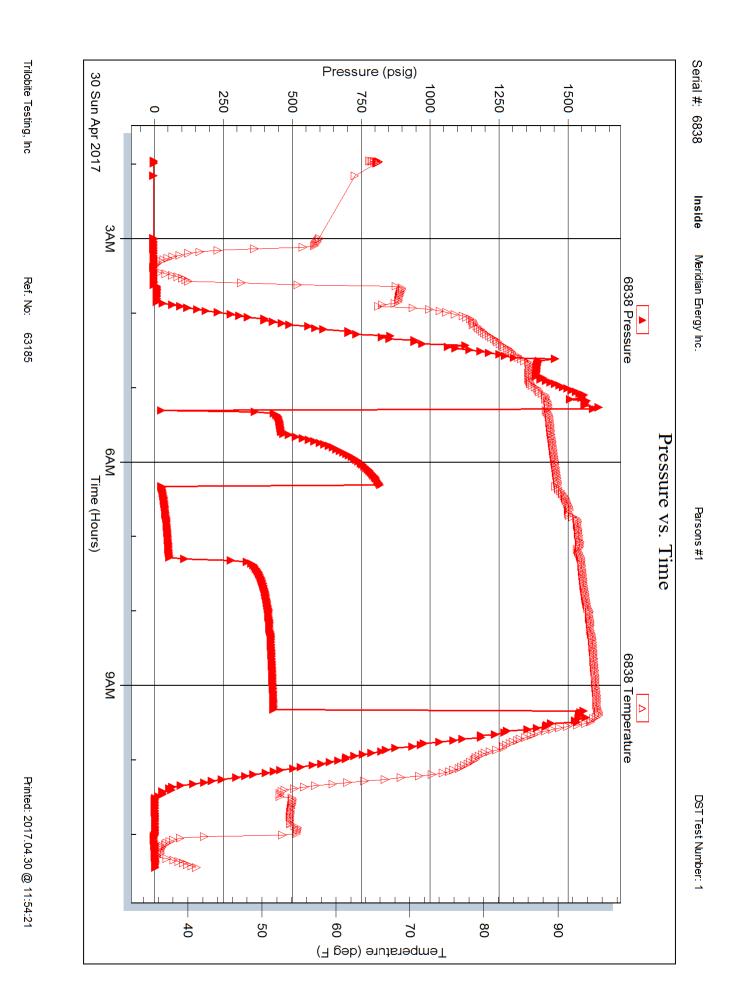
Laboratory Name: Laboratory Location:
Recovery Comments: Sampler: 2000mL W @ 100PSI

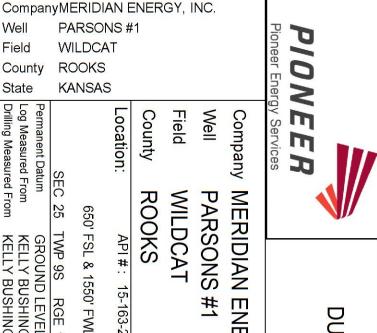
RW: .40@44deg

Trilobite Testing, Inc Ref. No: 63185 Printed: 2017.04.30 @ 11:54:21



Temperature (deg F)





**DUAL INDUCTION** 

Company MERIDIAN ENERGY, INC PARSONS #1 State

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.

Source of Rmf / Rmc Rmc @ Meas. Temp

0.25

(8)

113

CHARTS

3 HOURS

113 91

<<< Fold Here >>>

Rmf @ Meas. Temp Rm @ Meas. Temp Source of Sample pH / Fluid Loss

0,40 0.30 0.54

000

2 2 2

FLOWLINE

8.0 46

Operating Rig Time Rm @ BHT

Equipment Number Max Rec. Temp. F

Recorded By

Location

Witnessed By

MAXWELL LAFON

COLBY SCHMIDT

Salinity,ppm CL

Type Fluid in Hole

Density / Viscosity

9.0

CHEMICAL

7.875"

6000

Bit Size

Casing Driller

8.625"

221

@ 220'

3706' 200' 3707 3705

Top Log Interval

Casing Logger

Bottom Logged Interval

Depth Logger Depth Driller

Run Number

5/1/2017

KELLY BUSHING

**GROUND LEVEL** 

Elevation

2196

Elevation 2202'

TWP 9S

RGE 19W

API#: 15-163-24330-00-00

Other Services

#### Comments

#### N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

ZURICH, 3 EAST, NORTH INTO

Log Measured From: KELLY BUSHING Ft. Above Permanent Datum

#### THANK YOU FOR USING PIONEER ENERGY SERVICES

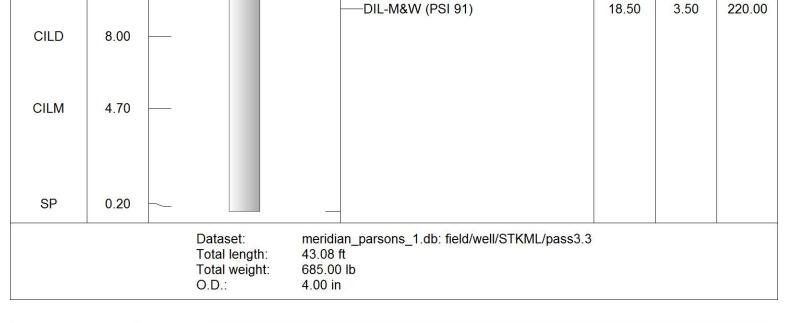
785-625-3858 www.pioneeres.com

Your Pioneer Energy Services Crew This Log Record Was Witnessed By **MAXWELL LAFON** Engineer: D. SCHMIDT **Primary Witness:** Secondary Witness: Operator: Operator: Secondary Witness: Secondary Witness: Operator:

### Log Variables Database C:\Program Data\Warrior\Data\meridian\_parsons\_1.db Dataset field/well/STKML/pass3.3/\_vars\_

			iop -	Bottom			
М	А	SZCOR	NPORSEL	FLUIDDEN g/cc	MATRXDEN g/cc	SPSHIFT mV	SNDERRM mmho/m
2	1	Off	Limestone	1	2.71	70	0
SNDERR mmho/m	SRFTEMP degF	CASETHCK in	CASEOD in	PERFS	TDEPTH ft	BOTTEMP degF	BOREID in
0	70	0	5.5	0	3707	113	7.875

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
GR	40.58	_	——GR-M&W (89)	3.00	3.50	50.00
CNLSC CNSSC	37.48 36.73		CNT-M&W (207-MW)	5.50	3.50	100.00
LSD DCAL SSD	28.43 28.42 27.93		——CDL-M&W (90-1031)	8.50	4.00	250.00
MCAL MI MN	19.83 19.83 19.83		ML-PSIML (PSI-01) GO Micro log tools converted to Simplec electronics	7.58	4.00	65.00
RLL3F RLL3	15.80 ·					

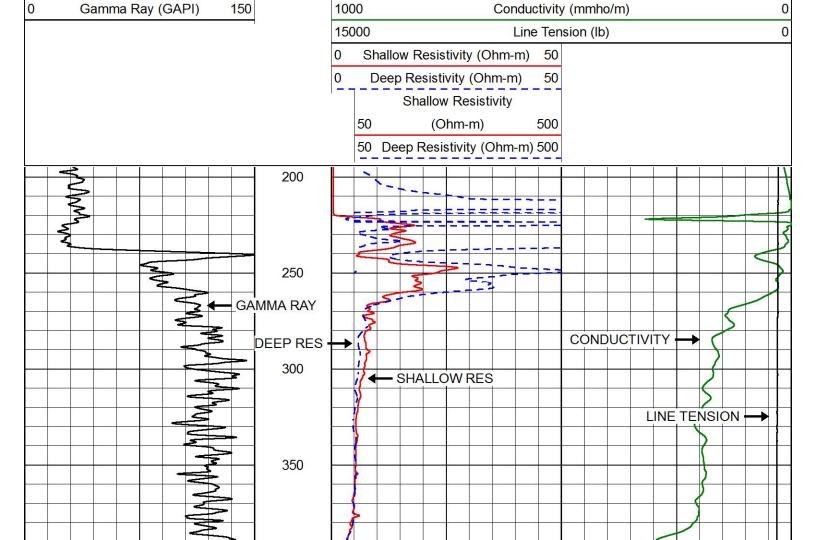


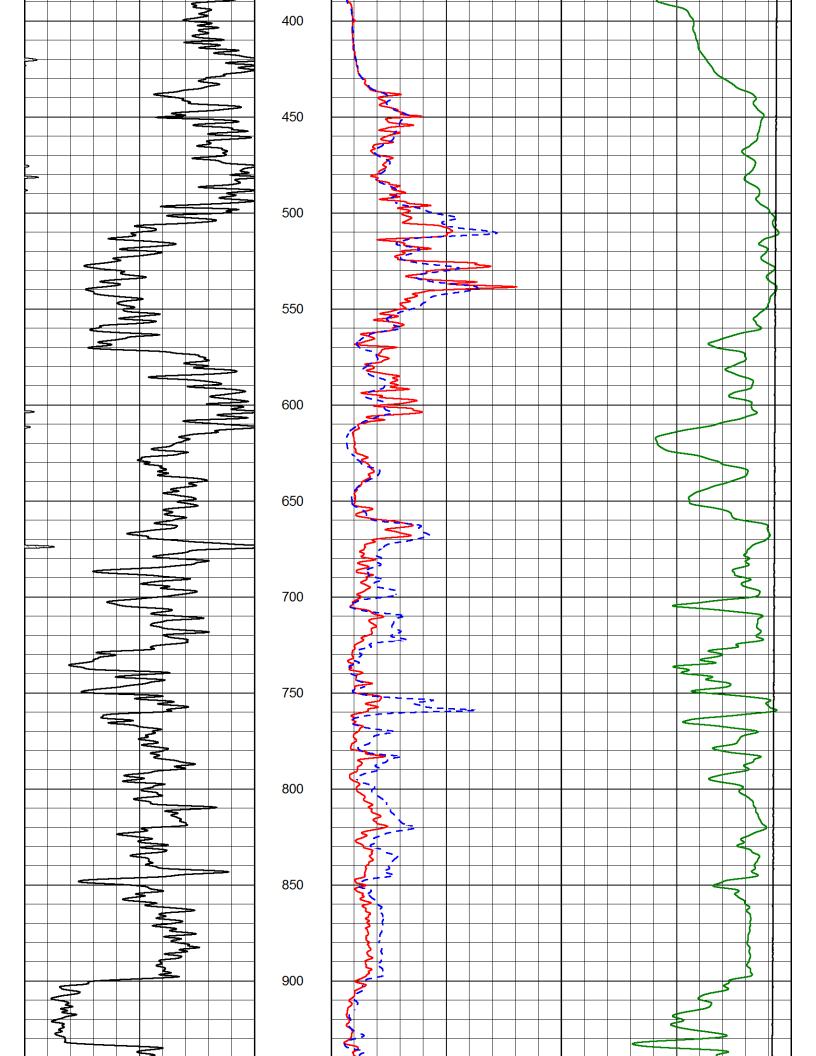


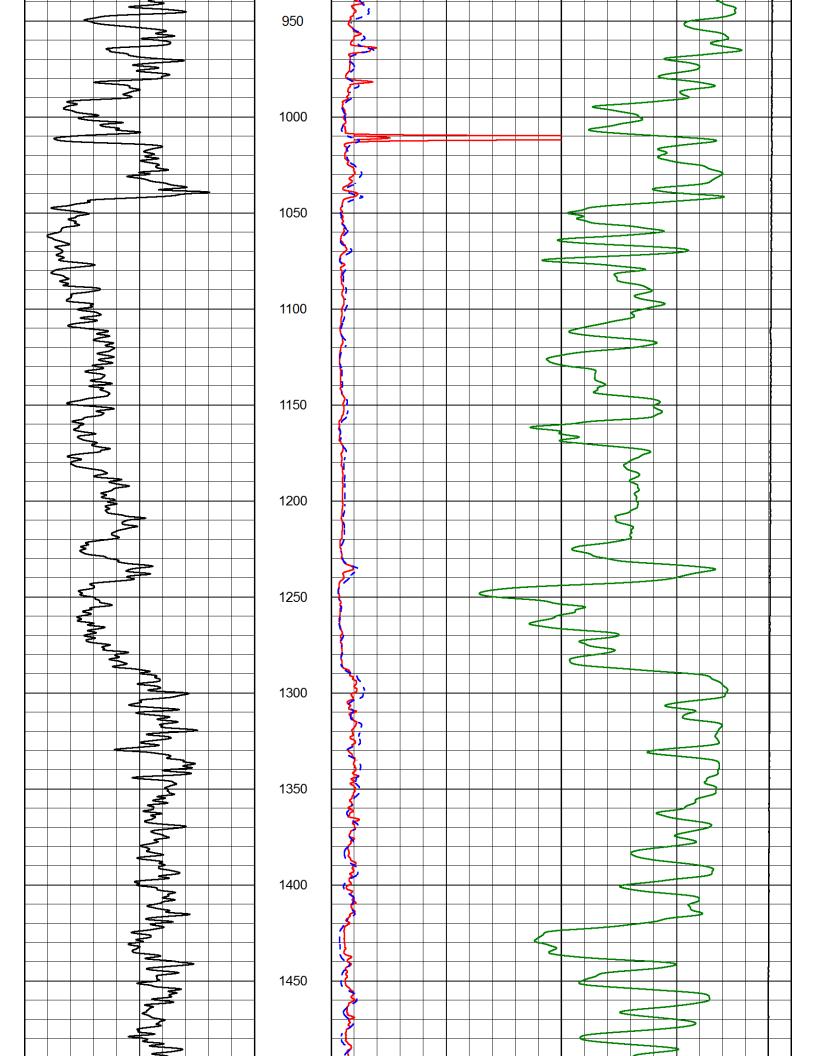
Database File meridian\_parsons\_1.db
Dataset Pathname STKML/pass3.1

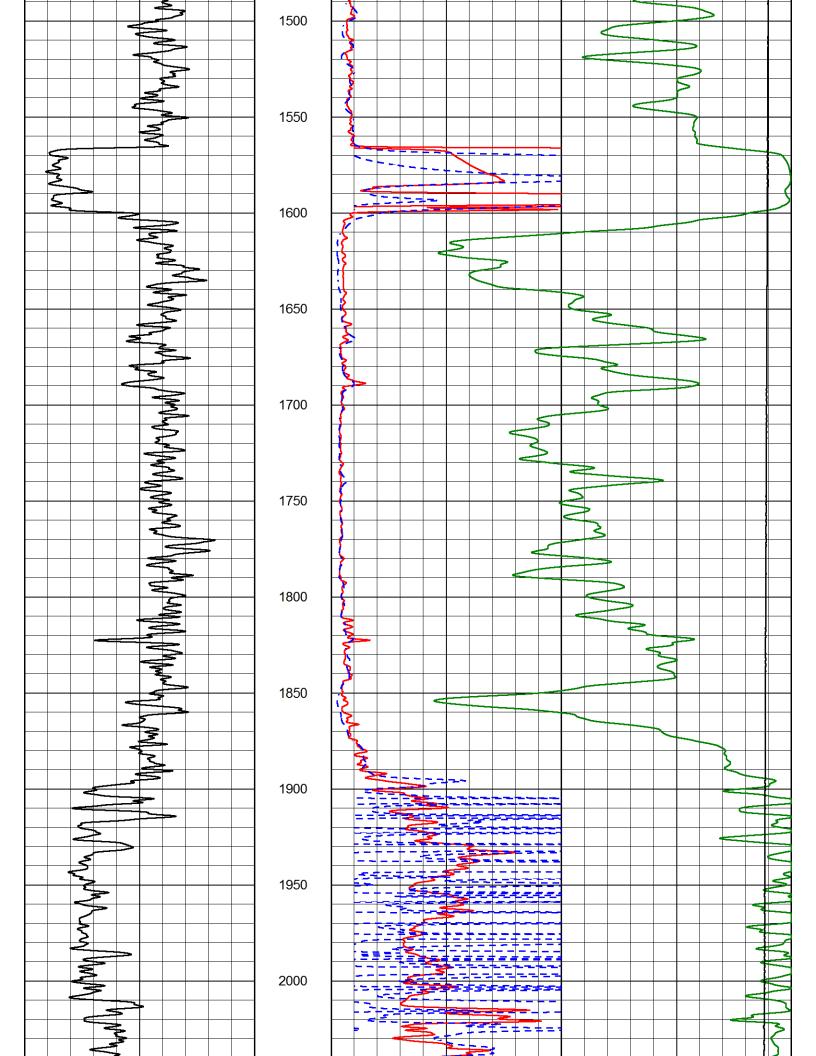
Presentation Format dil2in

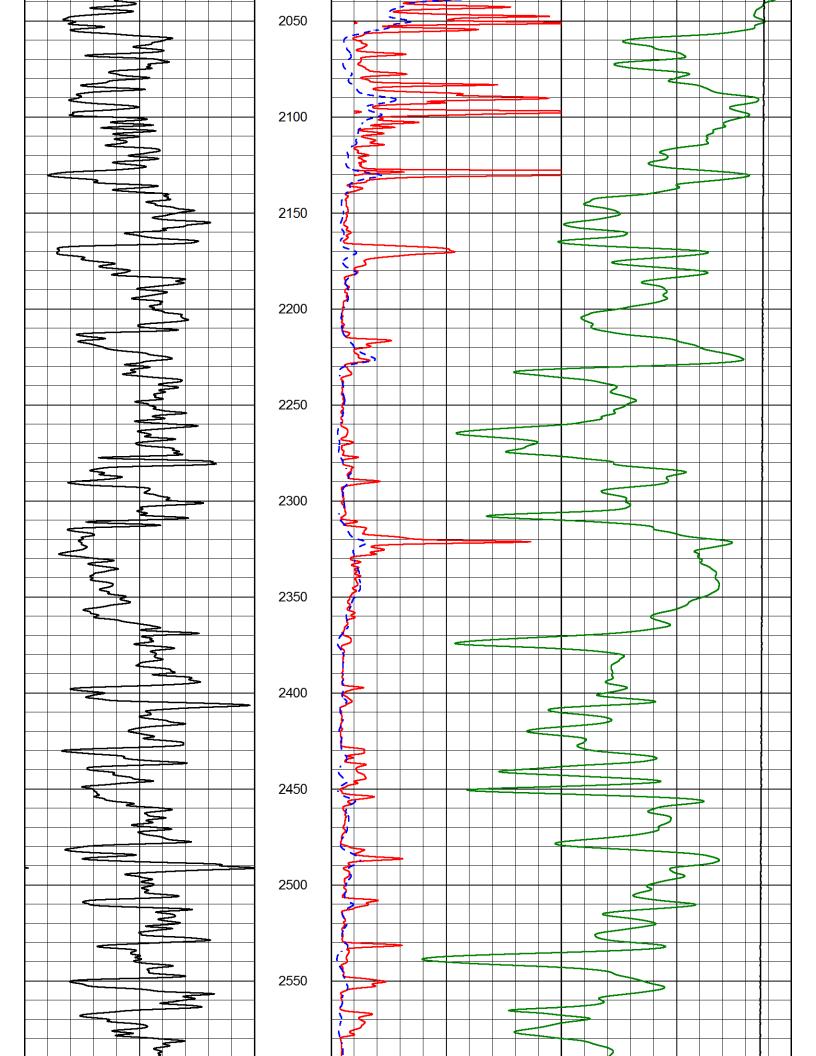
Dataset Creation Mon May 01 20:12:02 2017 Charted by Depth in Feet scaled 1:600

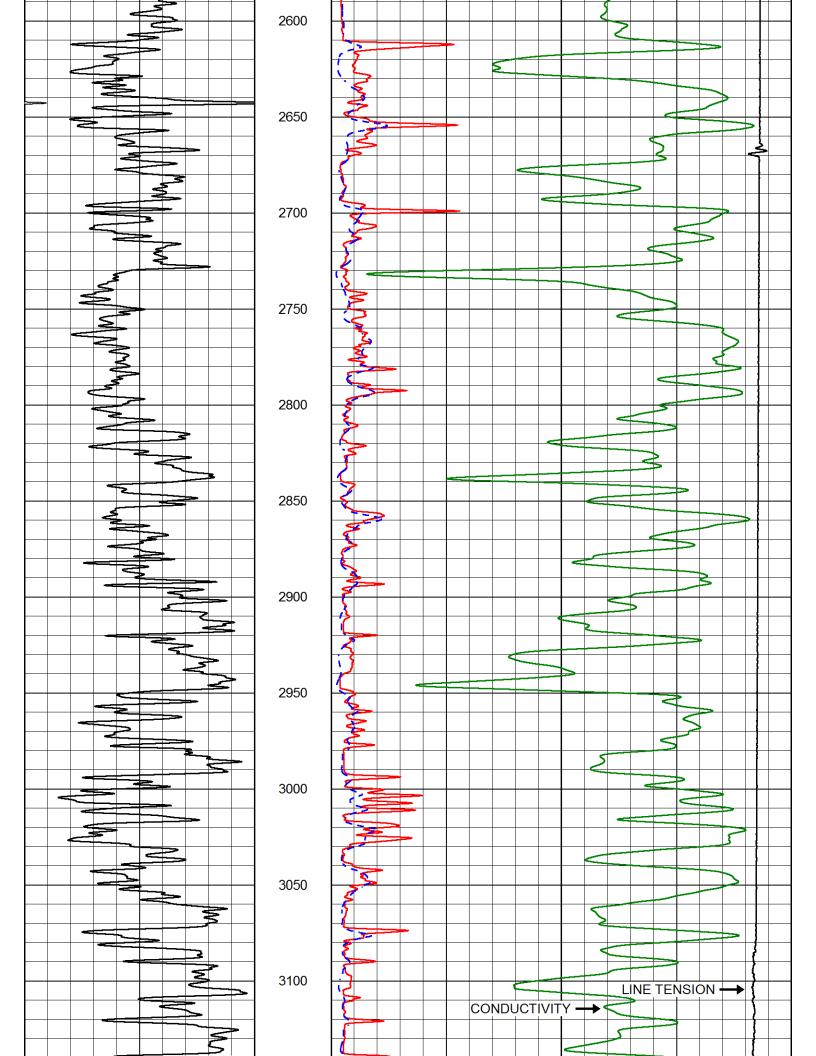


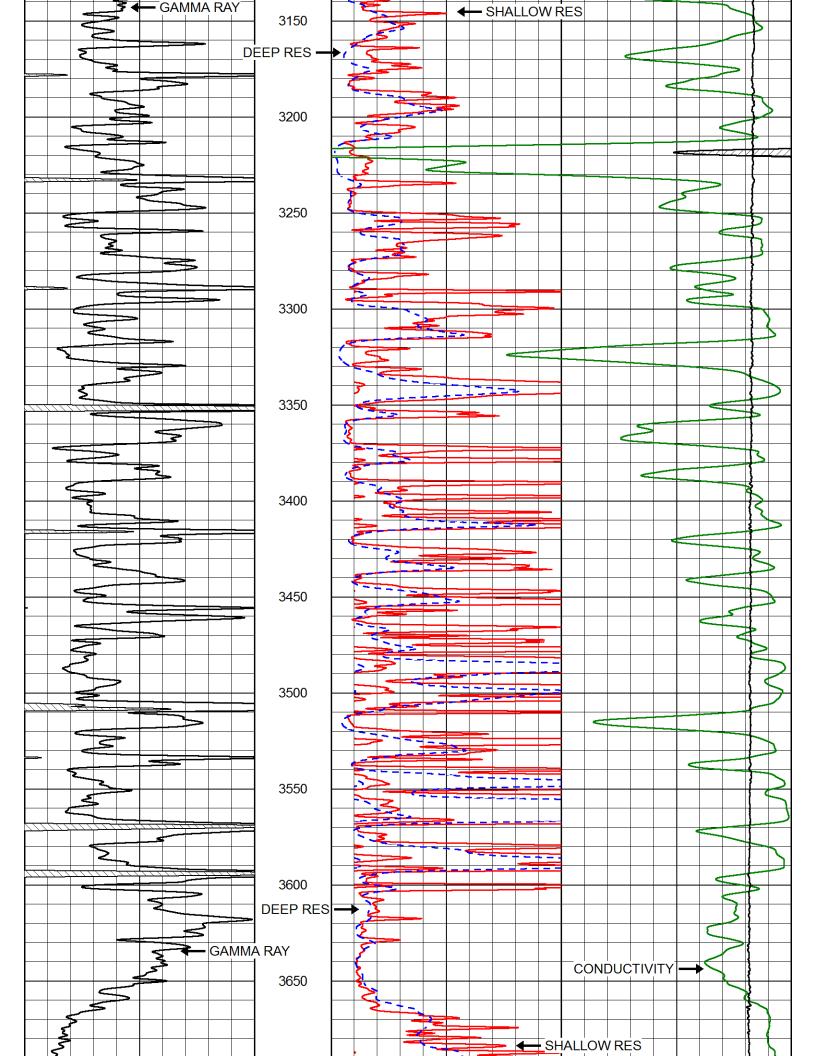


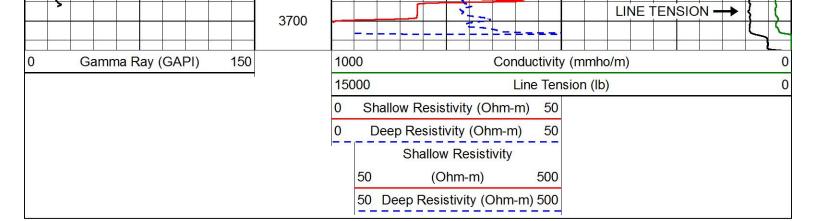












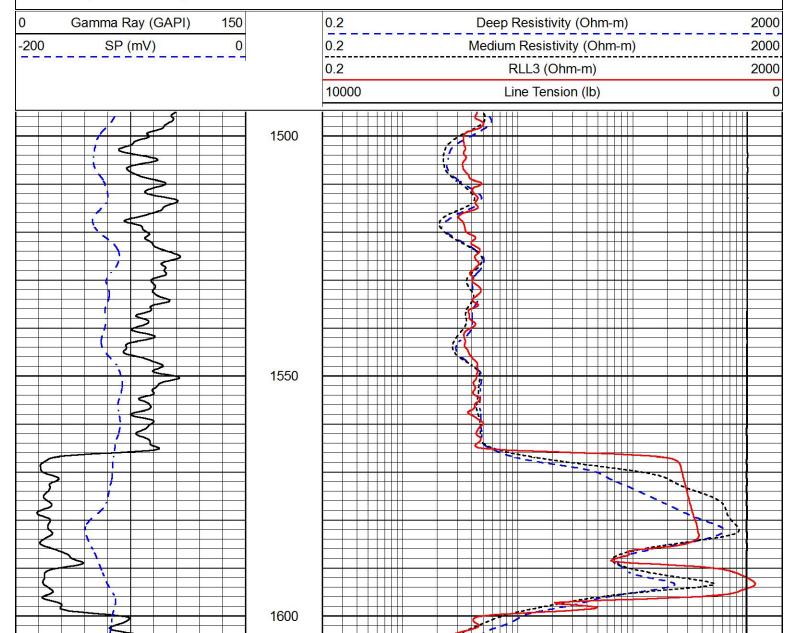


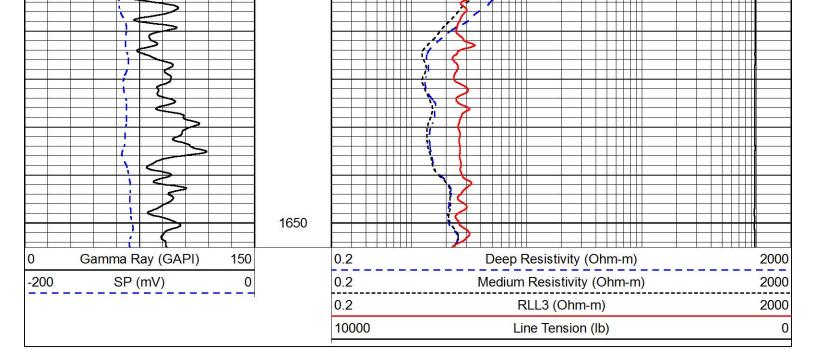
Database File meridian\_parsons\_1.db

Dataset Pathname STKML/pass3.1

Presentation Format dil

Dataset Creation Mon May 01 20:12:02 2017 Charted by Depth in Feet scaled 1:240





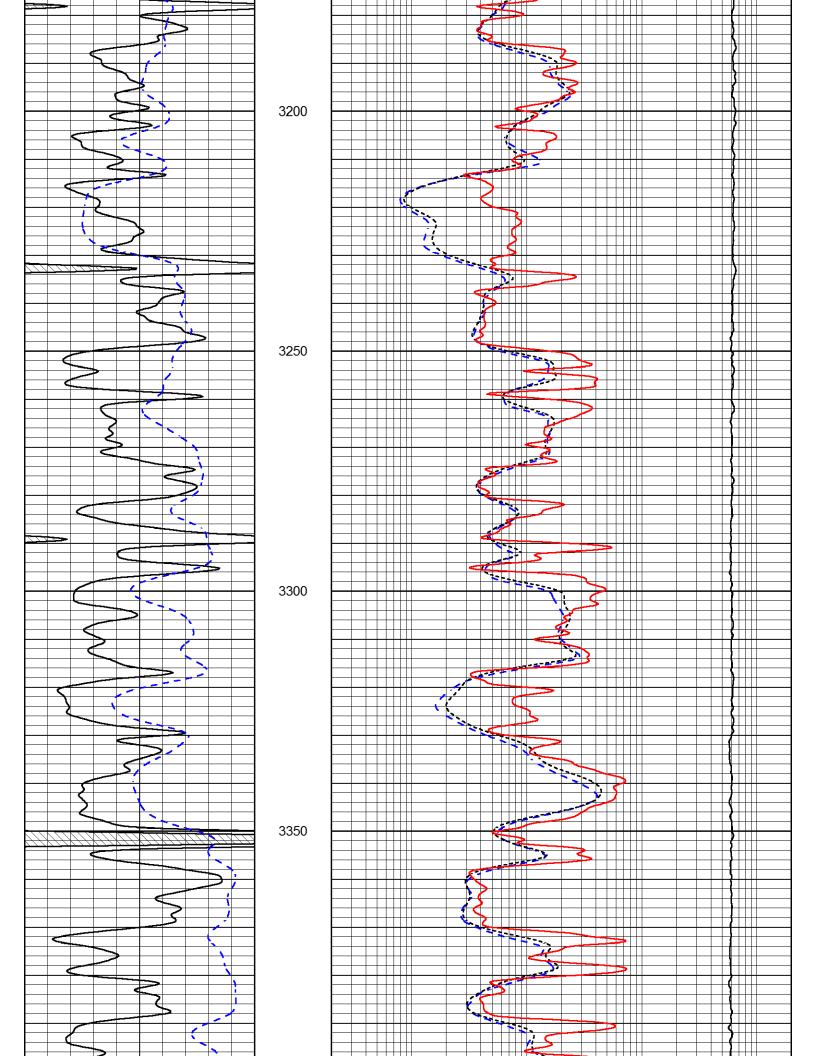


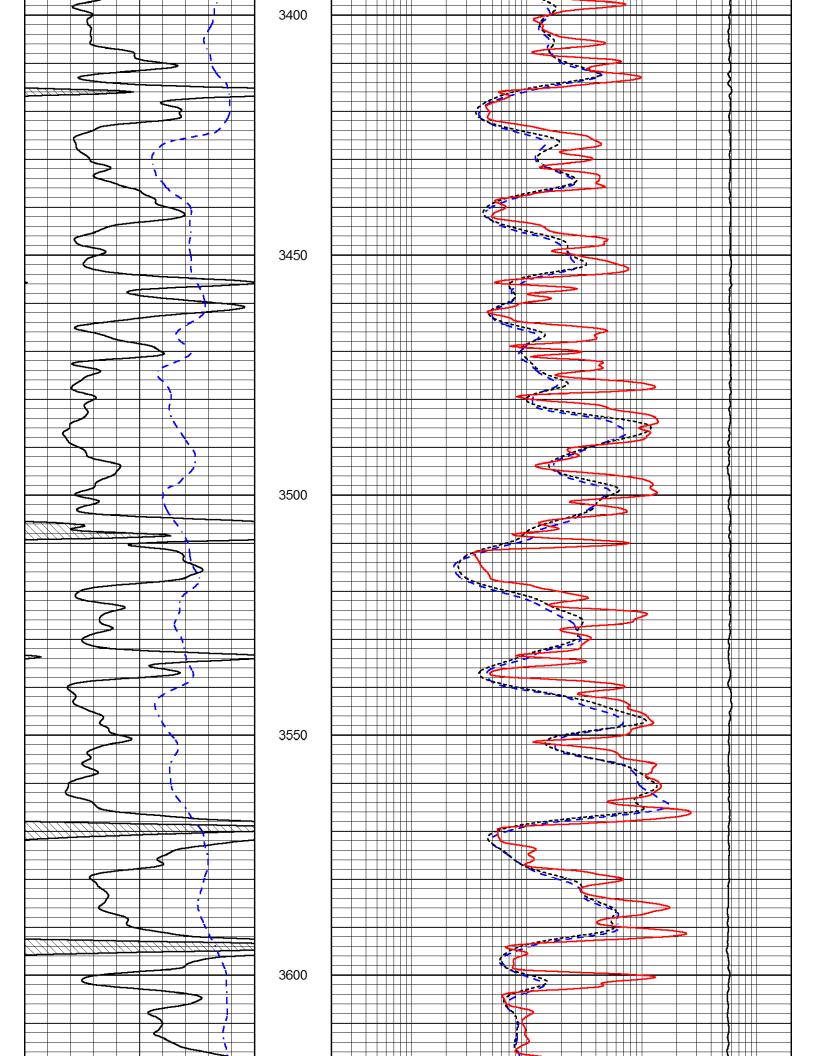
Database File meridian\_parsons\_1.db Dataset Pathname STKML/pass3.1

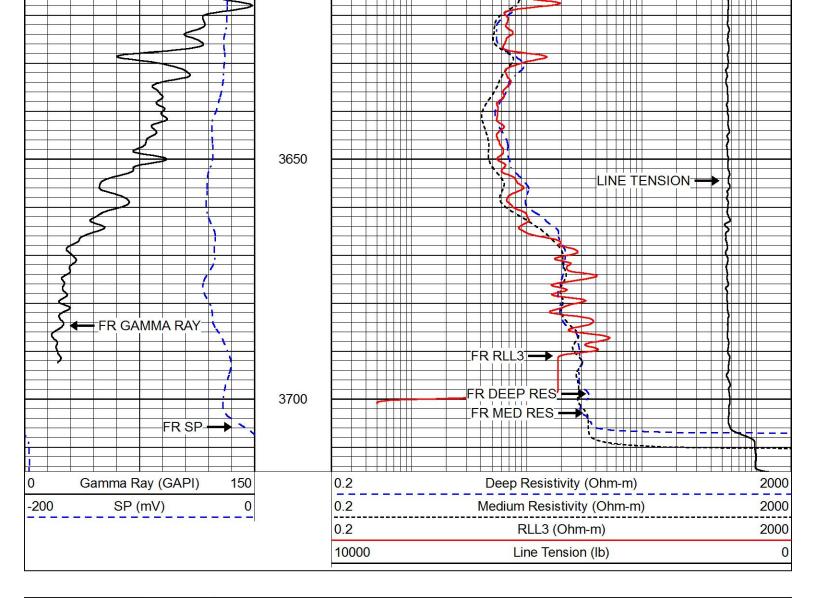
Presentation Format dil

Mon May 01 20:12:02 2017 **Dataset Creation** Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI) 150		Deep Resistiv	rity (Ohm-m)	2000
-200	SP (mV)		Medium Resist	ivity (Ohm-m)	2000
			RLL3 (O	hm-m)	2000
			0 Line Tens	sion (lb)	0
		3100	MED RES	LINE TENSION ->	
	SP SP		EP RES		
		3150	July San		
		GAMMA RAY			









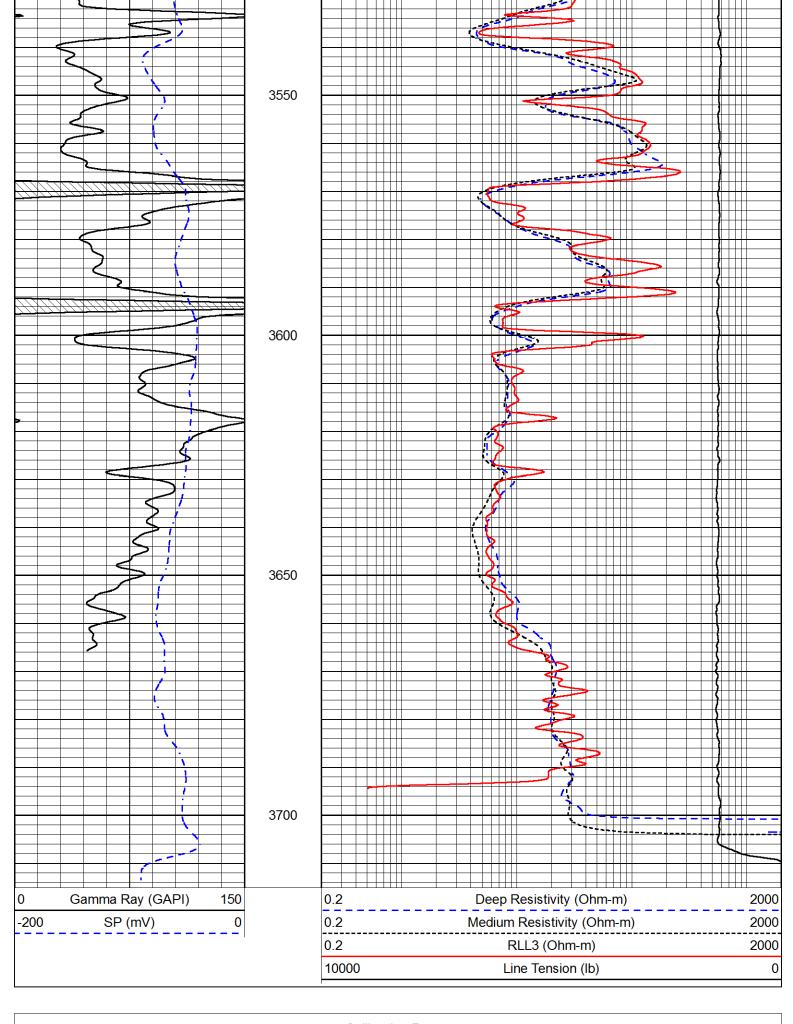
# REPEAT SECTION

Database File meridian\_parsons\_1.db
Dataset Pathname STKML/pass2.2

Presentation Format dil

Dataset Creation Charted by Mon May 01 19:14:18 2017 Depth in Feet scaled 1:240

0 Gamma Ray (GAPI)	150	0.2	Deep Resistivity (Ohm-m)	2000
-200 SP (mV)	0	0.2	Medium Resistivity (Ohm-m)	2000
		0.2	RLL3 (Ohm-m)	2000
		10000	Line Tension (lb)	0
	3500			



			Duai i	nduction Ca	alibration I	чероп				
		-Model: ation Perform	ed:			91-M&W Apr 20 22	:50:10 2017			
		Readings			Re	eferences			Resul	Its
Loop:	Air	Loop		Д	Air Loop					Offset
Deep Medium	166.796 142.009	835.089 1348.560			0.000	255.800 255.800	mmho/m mmho/m	0.4		-30.000 -31.000
			Mic	crolog Calib	oration Rep	oort				
	Serial Perfor	-Model: med:				-01-PSIML Apr 28 11:0	)3:55 2017			
		Readings			Re	eferences			Resul	Its
_	Zero	Cal		Ze	ero	Cal		m		b
Normal Inverse Caliper	0.0000 0.0000 1.0001	1.0000 1.0000 1.1397		(	0.0000 0.0000 6.5000	1.0000 1.0000 18.5000	Ohm-m Ohm-m in	20000.000 19000.000 70.000	000	-0.8000 -0.2000 -65.5250
	Sourc	-Model: e / Verifier:	· ·	ated Densit	90- 169	1031-M&W 55B / 2ci				
	Sourc	-Model:	· ·		90- 169	1031-M&W 55B / 2ci	, 42:23 2017			
Master Calibratio	Sourc Maste	-Model: e / Verifier: er Calibration I	· ·		90- 169 Fri	1031-M&W 55B / 2ci Mar 31 18:	42:23 2017	etector		
Magnesium	Sourc Maste	-Model: e / Verifier: er Calibration I Density	Performed		90- 169 Fri l	1031-M&W 55B / 2ci Mar 31 18: Detector 5174.18	42:23 2017 Near De	 25.27 cps		
	Sourc Maste	-Model: e / Verifier: er Calibration I Density 1.755 2.665	Performed g/cc g/cc		90- 169 Fri	Detector 5174.18 963.17	42:23 2017 Near De 642 403	25.27 cps 37.42 cps		
Magnesium	Sourc Maste	-Model: e / Verifier: er Calibration I Density	Performed g/cc g/cc		90- 169 Fri l	Detector 5174.18 963.17	42:23 2017 Near De	25.27 cps 37.42 cps		
Magnesium	Sourc Maste	-Model: e / Verifier: er Calibration I  Density  1.755 2.665  Spine Angle	Performed g/cc g/cc		90- 169 Fri l	1031-M&W 55B / 2ci Mar 31 18: Detector 5174.18 963.17	42:23 2017 Near De 642 403	25.27 cps 37.42 cps		
Magnesium Aluminum Small Ring	Sourc Maste	-Model: e / Verifier: er Calibration F  Density  1.755 2.665 Spine Angle Size  8.00 22.00	g/cc g/cc = 74.55		90- 169 Fri	Detector 5174.18 963.17 nsity/Spine eading 1.84 1.46	Near De 642 403 Ratio = 0.52	25.27 cps 37.42 cps		
Magnesium Aluminum Small Ring	Sourc Maste	-Model: e / Verifier: er Calibration F  Density  1.755 2.665  Spine Angle  Size  8.00 22.00	g/cc g/cc = 74.55 in in Compensa	d: ated Neutro	90- 169 Fri l	Detector 5174.18 963.17 nsity/Spine eading 1.84 1.46 ion Report	Near De 642 403 Ratio = 0.52	25.27 cps 37.42 cps		
Magnesium Aluminum Small Ring Large Ring	Sourc Maste	-Model: e / Verifier: er Calibration F  Density  1.755 2.665 Spine Angle  Size  8.00 22.00	g/cc g/cc = 74.55 in in Compensa	ated Neutro umber: del: on Performe	90- 169 Fri l	Detector 5174.18 963.17 nsity/Spine eading 1.84 1.46 ion Report	Near De 642 403 Ratio = 0.52	25.27 cps 37.42 cps 22		

Sorial Number:

Tool Mo Calibrati		M&W Fri Mar 31 18:42:3	32 2017
Calibrate	or Value:	1.0	GAPI
	und Reading: or Reading:	0.0 1.0	cps cps
Sensitiv	ity:	0.6000	GAPI/cps

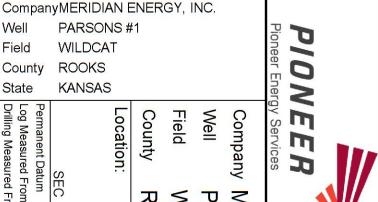


Company MERIDIAN ENERGY, INC.

KANSAS

Well PARSONS #1
Field WILDCAT
County ROOKS

State



**DUAL COMP POROSITY** 

Drilling Measured From Company MERIDIAN ENERGY, INC PARSONS #1 650' FSL & 1550' FWL TWP 9S RGE 19W KELLY BUSHING API#: 15-163-24330-00-00 GROUND LEVEL Elevation State 2196

Other Services

DIL/MEL

Elevation 2202' N/A 2196'

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.

Run Number

I ype Log

CNL/CDI

5/1/2017

ONE

**Bottom Logged Interval** 

op Logged Interval

ype Fluid In Hole

CHEMICAL

3100 3697 3707

9.0 FULL 6000

Salinity, PPM CL

Density Level

Depth Logger Depth Driller

Run No.

B

From

221 P

> 8.625" Size

> Wgt. 23#

Q

221 7

<<< Fold Here >>>

Casing Record From

5

Borehole Record

MAXWELL LAFON

SCHMID

W ONE

7.875" 12.25"

221 O. Operating Rig Time Max. Rec. Temp.

П

Location

9

COLBY

HOURS

<u>1</u>3

Recorded By Equipment --

Witnessed By

#### Comments

#### N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

ZURICH, 3 EAST, NORTH INTO

Log Measured From: KELLY BUSHING Ft. Above Permanent Datum

#### THANK YOU FOR USING PIONEER ENERGY SERVICES

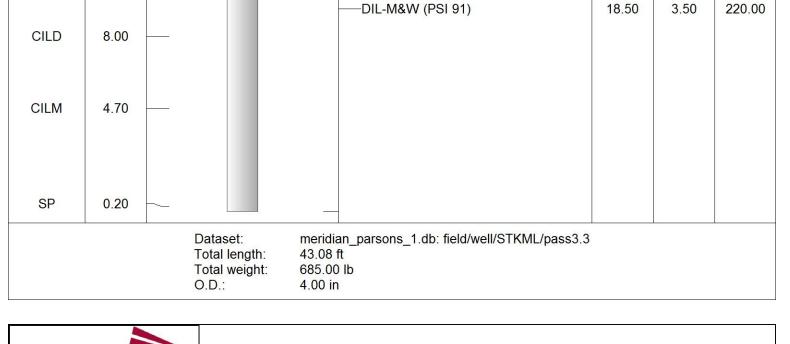
785-625-3858 www.pioneeres.com

Your Pioneer Energy Services Crew	This Log Record Was Witnessed By
Engineer: D. SCHMIDT	Primary Witness: MAXWELL LAFON
Operator:	Secondary Witness:
Operator:	Secondary Witness:
Operator:	Secondary Witness:

### Log Variables Database C:\Program Data\Warrior\Data\meridian\_parsons\_1.db Dataset field/well/STKML/pass3.3/\_vars\_

			lop -	Bottom			
М	А	SZCOR	NPORSEL	FLUIDDEN g/cc	MATRXDEN g/cc	SPSHIFT mV	SNDERRM mmho/m
2	1	Off	Limestone	1	2.71	70	0
SNDERR mmho/m	SRFTEMP degF	CASETHCK in	CASEOD in	PERFS	TDEPTH ft	BOTTEMP degF	BOREID in
0	70	0	5.5	0	3707	113	7.875

CNLSC 37.48 ————————————————————————————————————	Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (
CNSSC 36.73  —CDL-M&W (90-1031) 8.50 4.00  LSD 28.43 DCAL 28.42 SSD 27.93  ML-PSIML (PSI-01) GO Micro log tools converted to Simplec electronics  MCAL 19.83 MI 19.83	GR	40.58		GR-M&W (89)	3.00	3.50	50.00
LSD 28.43 DCAL 28.42 SSD 27.93 ML-PSIML (PSI-01) GO Micro log tools converted to Simplec electronics MCAL 19.83 MI 19.83				——CNT-M&W (207-MW)	5.50	3.50	100.00
MCAL 19.83 MI 19.83	DCAL	28.42		——CDL-M&W (90-1031)	8.50	4.00	250.00
		1 //		☐GO Micro log tools converted to Simplec	7.58	4.00	65.00
		1 /					
RLL3F 15.80 7 15.80 15.80							

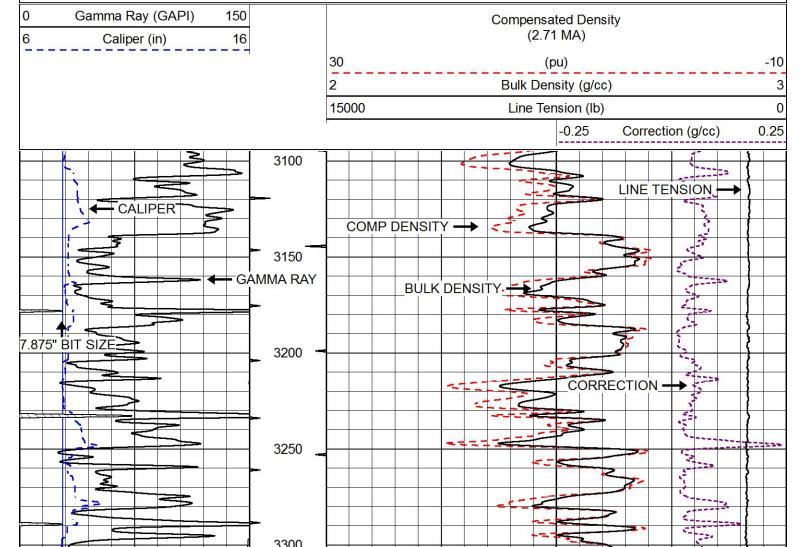


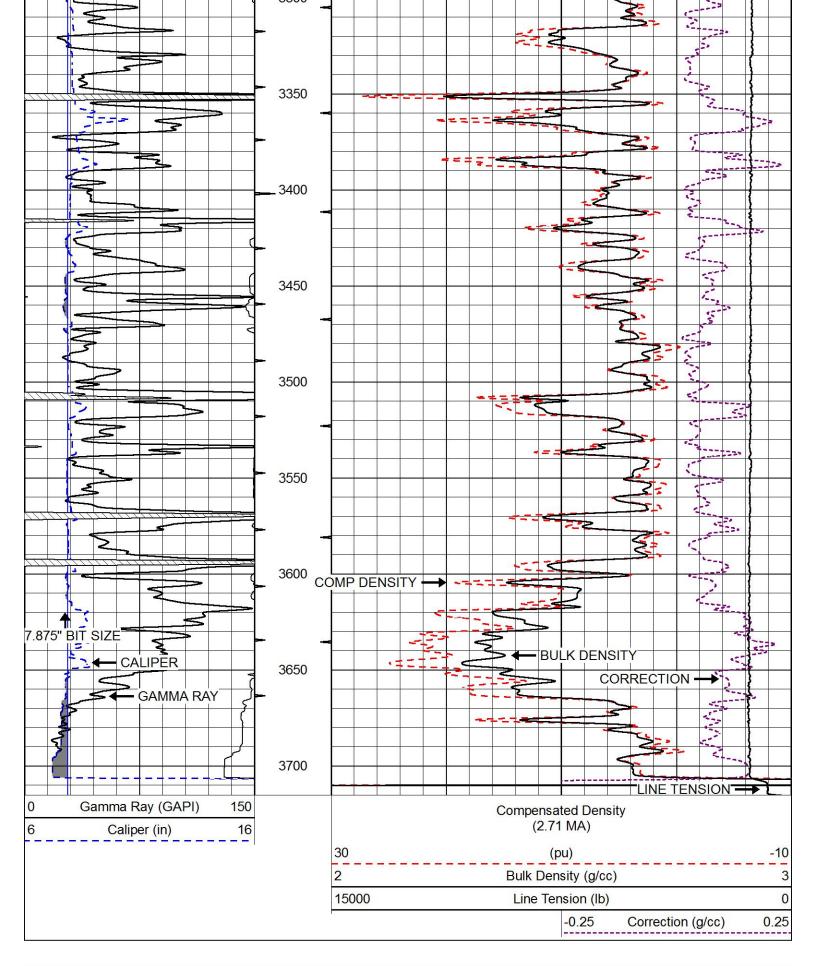


Database File meridian\_parsons\_1.db Dataset Pathname STKML/pass3.1

Presentation Format cdl

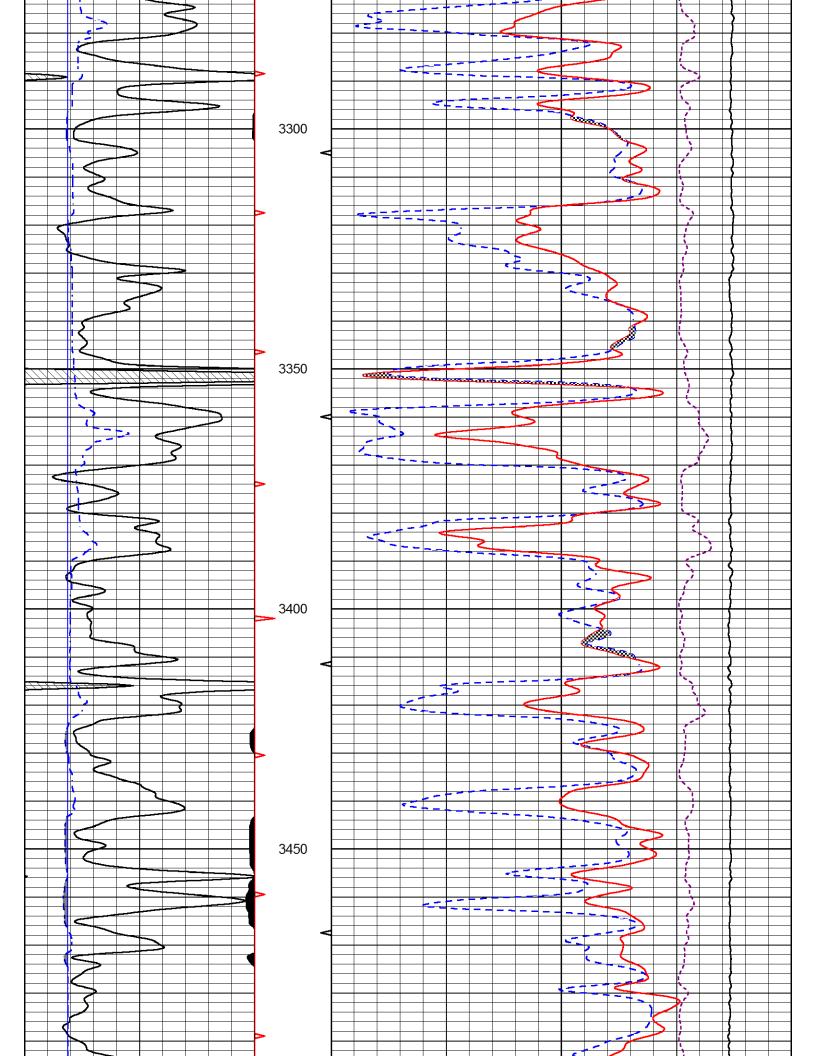
**Dataset Creation** Mon May 01 20:12:02 2017 Depth in Feet scaled 1:600 Charted by

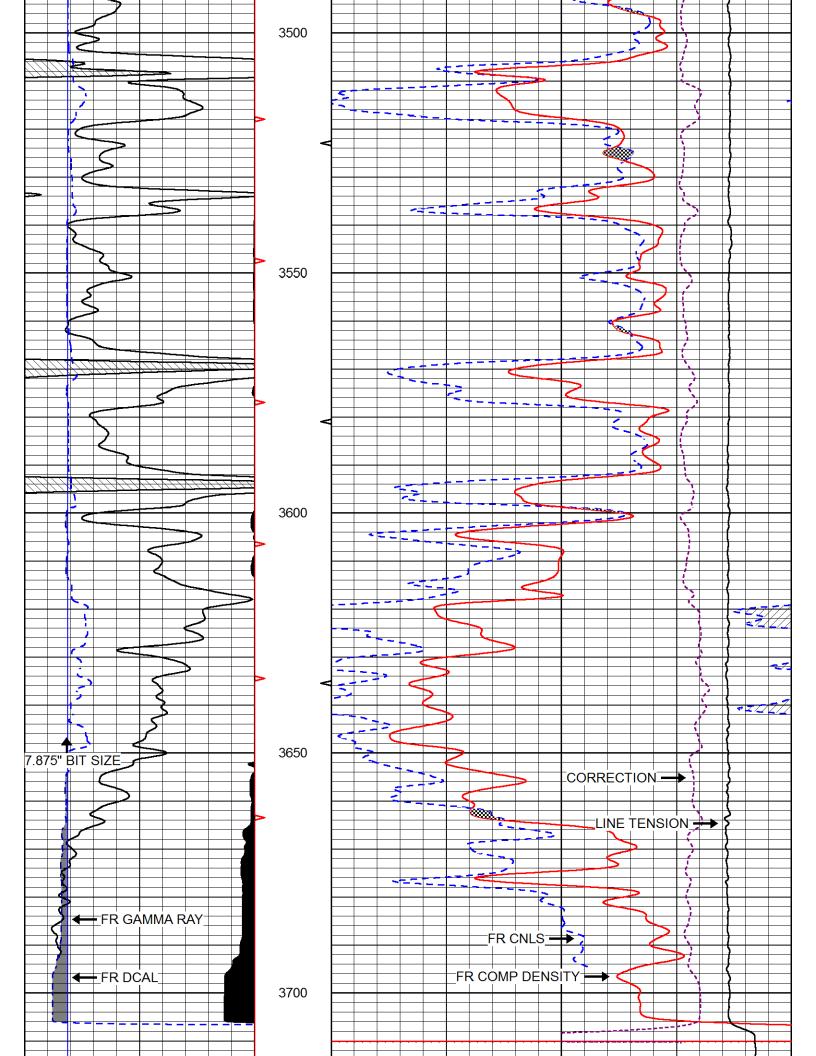






meridian\_parsons\_1.db Database File Dataset Pathname STKML/pass3.1 Presentation Format cndlspec **Dataset Creation** Mon May 01 20:12:02 2017 Depth in Feet scaled 1:240 Charted by 0 Gamma Ray (GAPI) 150 30 CNLS (pu) -10 DCAL (in) 30 Compensated Density 2.71 g/cc (pu) 6 16 -10 10000 0 Line Tension (lb) -0.75 Correction (g/cc) 0.75 3100 LINE TENSION DCAL CORRECTION = 7.875" BIT SIZE COMP DENSITY -CNLS-3150 -GAMMA RAY 3200 3250





						_																				
0	C	amr	na F	Ray (	GA	PI)	150		30		 				(	CNL	S (p	u)							_	10
6		]	DCA	L (ir	1)		16		30		 	 Co	mpe	nsa	ted	l Dei	nsity	2.7	1 g/d	cc (p	ou)			-	_	10
171775								L	100	000				L	ine	e Ter	nsior	ı (lb	)							0
																	-0.	75	(	Corr	ectio	n (g/d	cc)		0.	75
																	1									

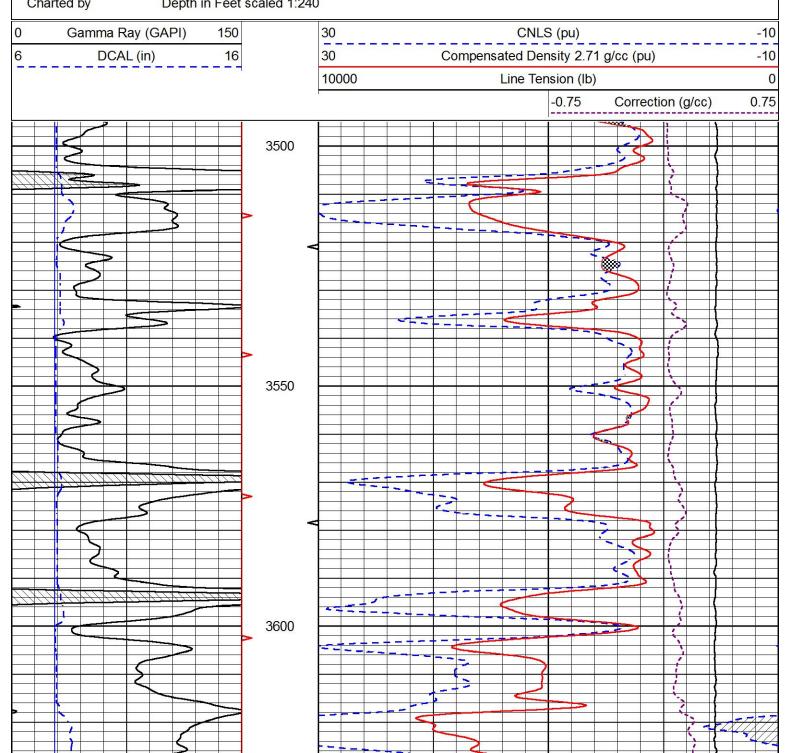


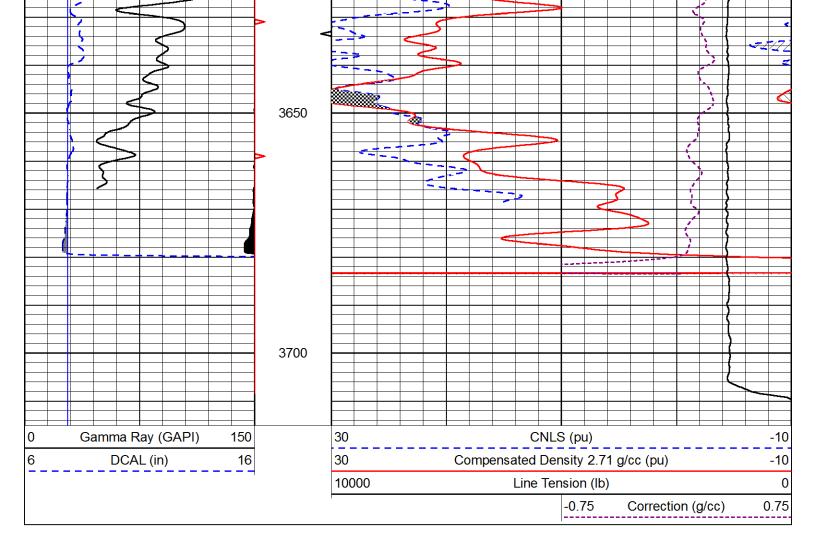
## REPEAT SECTION

Database File meridian\_parsons\_1.db
Dataset Pathname STKML/pass2.2

Presentation Format cndlspec

Dataset Creation Mon May 01 19:14:18 2017 Charted by Depth in Feet scaled 1:240





			Calibration Report				
Database File Dataset Pathname Dataset Creation	STKML/p	_parsons_1.db	Calibration Report				
		Dual In	duction Calibration	Report			
	Serial- Calibra	Model: ition Performed:		SI 91-M&W nu Apr 20 22	::50:10 2017		
		Readings	F	References		Res	ults
Loop:	Air	Loop	Air	Loop		Gain	Offset
Deep Medium	166.796 142.009	835.089 1348.560	0.000 0.000	255.800 255.800	mmho/m mmho/m	0.410 0.360	-30.000 -31.000
		Micr	olog Calibration Re	eport			
	Serial- Perfori			SI-01-PSIML i Apr 28 11:0			
		Readings	F	References		Res	ults
	Zero	Cal	Zero	Cal		m	b
Normal Inverse	0.0000 0.0000	1.0000 1.0000	0.0000 0.0000	1.0000 1.0000	Ohm-m Ohm-m	20000.0000 19000.0000	-0.8000 -0.2000

6.5000

18.5000

in

70.0000

-65.5250

1.0001

Caliper

1.1397

#### Compensated Density Calibration Report

Serial-Model: Source / Verifier: Master Calibration Performed: 90-1031-M&W 16955B / 2ci

Fri Mar 31 18:42:23 2017

#### Master Calibration

Small Ring

Large Ring

Magnesium 1.755 g/cc Aluminum 2.665 g/cc

5174.18 6425.27 cps 4037.42 963.17 cps

**Near Detector** 

Spine Angle = 74.55

Density/Spine Ratio = 0.522

Size

Density

8.00 in 22.00 in Reading 1.84

1.46

Far Detector

Compensated Neutron Calibration Report

Serial Number: 207-MW Tool Model: M&W

Calibration Performed: Fri Mar 31 10:30:30 2017

Detector Readings Target

Normalization

Short Space Long Space

6240.00 460.00

89

cps cps

1000.00 cps 1000.00 cps 1.6025 1.9500

Gamma Ray Calibration Report

Serial Number:

Tool Model:

M&W Calibration Performed: Fri Mar 31 18:42:32 2017

Calibrator Value: **GAPI** 1.0

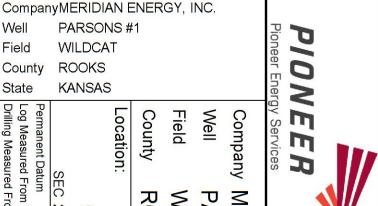
Background Reading: 0.0 cps Calibrator Reading: 1.0 cps

0.6000 GAPI/cps Sensitivity:



Company MERIDIAN ENERGY, INC.

Well PARSONS #1 Field WILDCAT County ROOKS State KANSAS



MICRORESISTIVIT

Company MERIDIAN ENERGY, INC PARSONS #1 650' FSL & 1550' FWL TWP 9S KELLY BUSHING API#: 15-163-24330-00-00 **GROUND LEVEL** RGE 19W Elevation 2196

Other Services

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.

2202'

Operating Rig Time

Rm @ BHT

0.25

(8)

113

CHARTS

3 HOURS

0.54 0.30 0,40

70 70 70

@ @ @

Source of Rmf / Rmc Rmc @ Meas. Temp Rmf @ Meas. Temp Rm @ Meas. Temp Source of Sample pH / Fluid Loss

Max Rec. Temp. F

Equipment Number

Witnessed By

MAXWELL LAFON

SCHMIDT

COLBY

91 113

<<< Fold Here >>>

Recorded By Location Salinity,ppm CL

Type Fluid in Hole

CHEMICAL

7.875"

220'

6000

Density / Viscosity

9.5 9.0

8.0 46

FLOWLINE

Casing Logger

Casing Driller

8.625"

@

221

3100 3706'

Top Log Interval

Bit Size

Bottom Logged Interval

Depth Logger Depth Driller

Run Number

Drilling Measured From

5/1/2017

ONE

3705

3707

#### Comments

#### N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

ZURICH, 3 EAST, NORTH INTO

Log Measured From: KELLY BUSHING Ft. Above Permanent Datum

#### THANK YOU FOR USING PIONEER ENERGY SERVICES

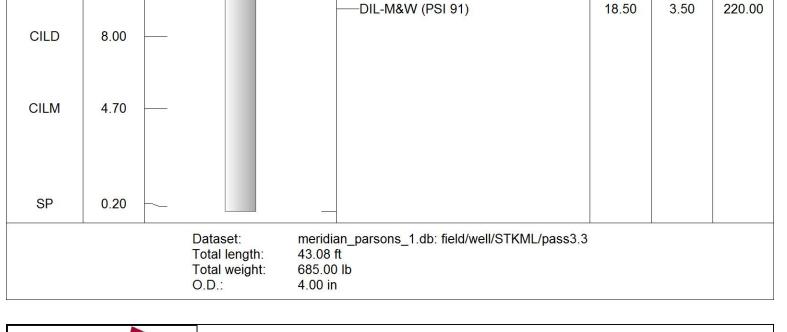
785-625-3858 www.pioneeres.com

Your Pioneer Energy Services Crew	This Log Record Was Witnessed By
Engineer: D. SCHMIDT	Primary Witness: MAXWELL LAFON
Operator:	Secondary Witness:
Operator:	Secondary Witness:
Operator:	Secondary Witness:

### Log Variables Database C:\Program Data\Warrior\Data\meridian\_parsons\_1.db Dataset field/well/STKML/pass3.3/\_vars\_

	l op - Bottom												
М	M A SZCOI 2 1 Off		SZCOR NPORSEL		MATRXDEN g/cc	SPSHIFT mV	SNDERRM mmho/m						
2			Limestone	1	2.71	70	0						
SNDERR mmho/m	SRFTEMP degF	CASETHCK in	CASEOD in	PERFS	TDEPTH ft	BOTTEMP degF	BOREID in						
0	70	0	5.5	0	3707	113	7.875						

CNLSC 37.48 ————————————————————————————————————	Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (
CNSSC 36.73  —CDL-M&W (90-1031) 8.50 4.00  LSD 28.43 DCAL 28.42 SSD 27.93  ML-PSIML (PSI-01) GO Micro log tools converted to Simplec electronics  MCAL 19.83 MI 19.83	GR	40.58		GR-M&W (89)	3.00	3.50	50.00
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MCAL 19.83 MI 19.83	DCAL	28.42		——CDL-M&W (90-1031)	8.50	4.00	250.00
		1 //		☐GO Micro log tools converted to Simplec	7.58	4.00	65.00
		1 /					
RLL3F 15.80 7 15.80 15.80							

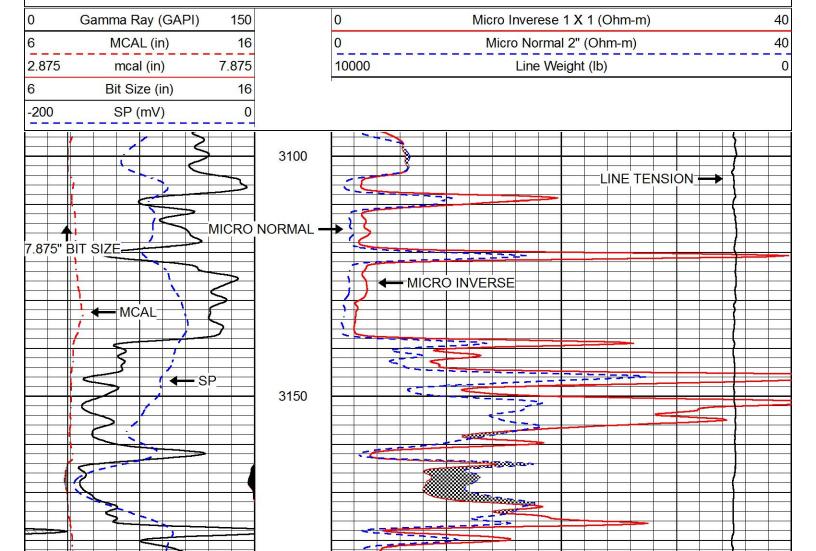


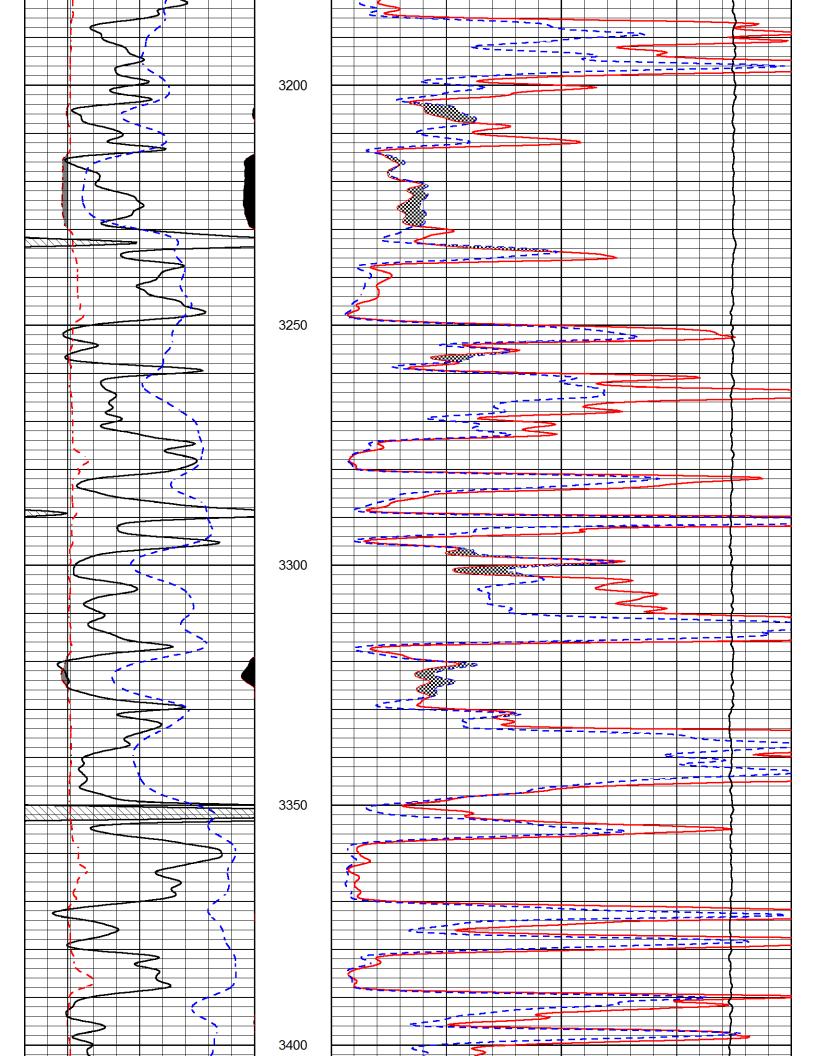


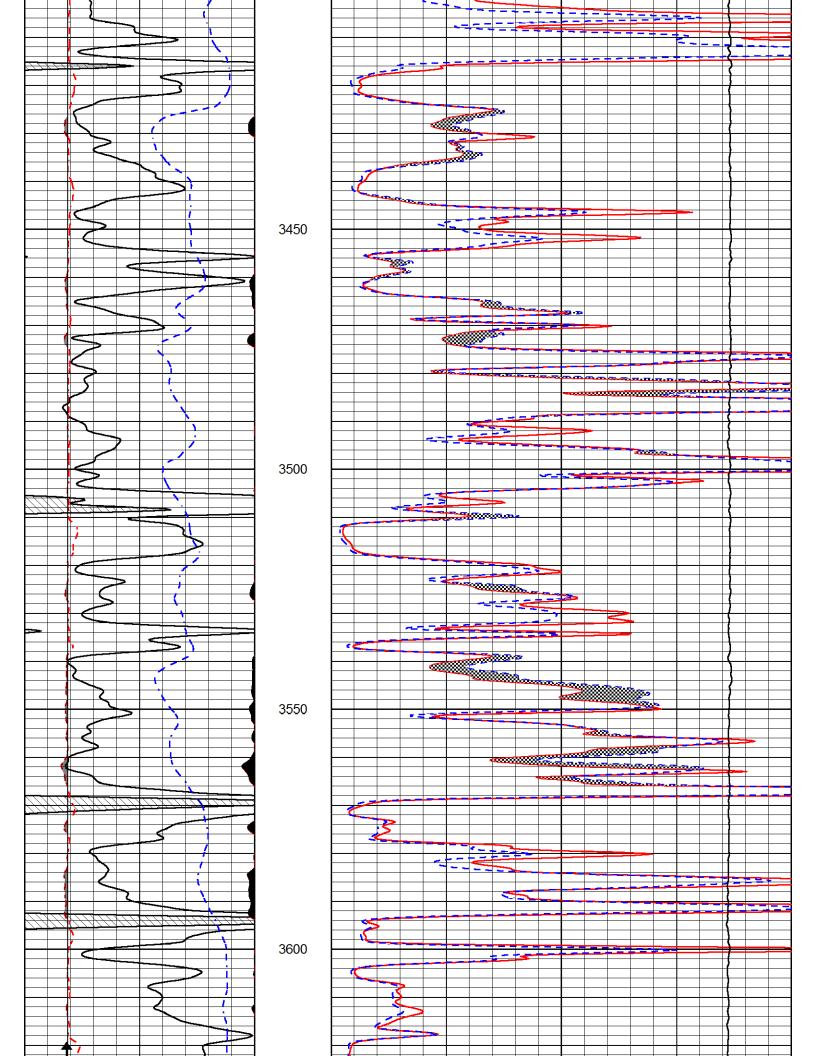
Database File meridian\_parsons\_1.db
Dataset Pathname STKML/pass3.1

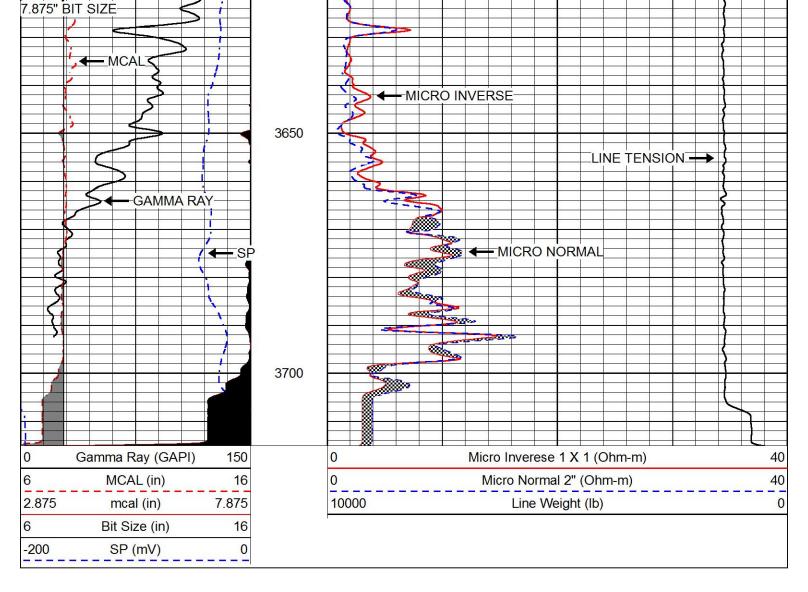
Presentation Format micro

Dataset Creation Mon May 01 20:12:02 2017 Charted by Depth in Feet scaled 1:240











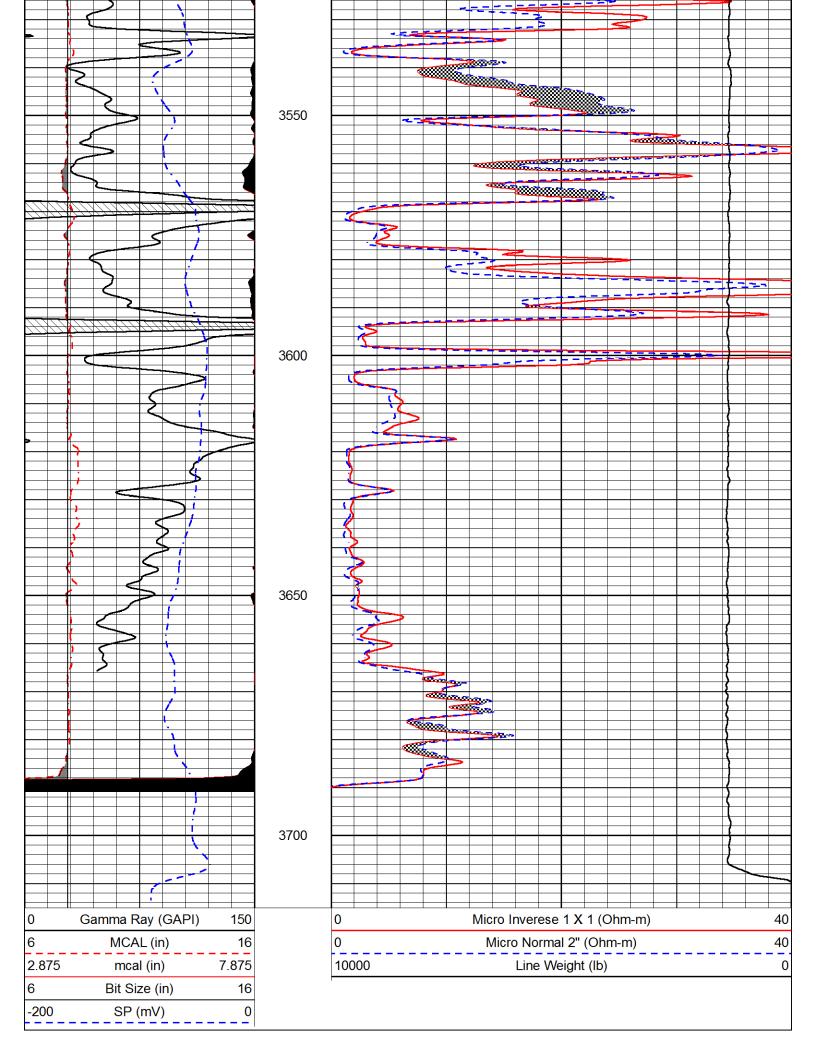
## REPEAT SECTION

Database File meridian\_parsons\_1.db
Dataset Pathname STKML/pass2.2

Presentation Format micro

Dataset Creation Mon May 01 19:14:18 2017
Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI) 150			0			Mici	ro Inv	erese	1 X	1 (O	hm-	m)			40
6	MCAL (in) 16			0			M	licro N	lorm	al 2"	(Ohn	n-m)				40
2.875	mcal (in)	7.875		10000	10000 Line Weight (lb)							0				
6	Bit Size (in)	16														
-200	SP (mV)	0														
			3500							=======================================						
							-			<u> </u>					$\vdash$	



#### Calibration Report

Database File Dataset Pathname Dataset Creation meridian\_parsons\_1.db STKML/pass3.3

on Mon May 01 19:45:21 2017

**Dual Induction Calibration Report** 

Serial-Model:

PSI 91-M&W

Calibration Performed:

Thu Apr 20 22:50:10 2017

		Readings	F	References				
Loop:	Air	Loop	Air	Loop		Gain	Offset	
Deep	166.796	835.089	0.000	255.800	mmho/m	0.410	-30.000	
Medium	142.009	1348.560	0.000	255.800	mmho/m	0.360	-31.000	

#### Microlog Calibration Report

Serial-Model: Performed: PSI-01-PSIML

Fri Apr 28 11:03:55 2017

	Readings		F	References	Results		
	Zero	Cal	Zero Cal			m	b
Normal	0.0000	1.0000	0.0000	1.0000	Ohm-m	20000.0000	-0.8000
Inverse	0.0000	1.0000	0.0000	1.0000	Ohm-m	19000.0000	-0.2000
Caliper	1.0001	1.1397	6.5000	18.5000	in	70.0000	-65.5250

#### Compensated Density Calibration Report

Serial-Model: Source / Verifier: 90-1031-M&W 16955B / 2ci

Master Calibration Performed:

Fri Mar 31 18:42:23 2017

	Calibration	

	Density		Far Detector	Near Detector	
Magnesium Aluminum	1.755 2.665	g/cc g/cc	5174.18 963.17	6425.27 4037.42	cps cps
	Spine Angle =	74.55	Density/Spine F	Ratio = 0.522	
	Size		Reading		
Small Ring Large Ring	8.00 22.00	in in	1.84 1.46		

#### Compensated Neutron Calibration Report

Serial Number: Tool Model: 207-MW M&W

Calibration Performed:

Fri Mar 31 10:30:30 2017

Detector	Readings	Target	Normalization
Short Space	6240.00 cps	1000.00 cps	1.6025
Long Space	460.00 cps	1000.00 cps	1.9500

Gamma Ray Calibration Report									
Serial Number: Tool Model: Calibration Performed:	89 M&W Fri Mar 31 18	:42:32 2017							
Calibrator Value:	1.0	GAPI							
Background Reading: Calibrator Reading:	0.0 1.0	cps cps							
Sensitivity:	0.6000	GAPI/cps							



Company MERIDIAN ENERGY, INC.

Well PARSONS #1
Field WILDCAT
County ROOKS
State KANSAS

# GLOBAL OIL FIELD SERVICES, LLC

2926

REMIT TO

24 S. Lincoln Russell, KS 67665

		ce		

LEASE WELL# LOCATION  OLD OR NEW (CIRCLE ONE)  CONTRACTOR TYPE OF JOB HOLE SIZE TO TD TO TO TO THE TO THE TO THE TO TO TO TO TO THE TO	STATE   /< <
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YPE OF JOB OLE SIZE 1 T.D. GOLE T.D. GOLE SIZE T.D. GOLE T.D. GO	em 60/10
OLE SIZE  ASINO SIZE  DEPTH  DEPTH  OOL  RILL PIPE  OOL  RES. MAX  MINIMUM  COMMON  RES. LINE  EMENT LEFT IN CSG. 20'  ERFS  CEMENT  AMOUNT ORDERED  30'  CCMMON  RES. LINE  EMENT LEFT IN CSG. 20'  CEMENT  ASC  RES. CHLORIDE  ASC  RES. CHLORIDE  ASC  RES. CHLORIDE  ASC  REMARKS:  REMARKS:  REMARKS:  REMARKS:  REMARKS:  SERVICE  DEPTH OF JOB  PUMP TRUCK CHARGE  EXTRA FOOTBLAND  REMARKS:  REMARKS:  REMARKS:  REMARKS:  DEPTH OF JOB  PUMP TRUCK CHARGE  EXTRA FOOTBLAND  REMARGE  RE	<del>=</del> 60/10
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UBING SIZE  DEPTH  DIRIL PIPE  DEPTH  OOL  RES. MAX  MINIMUM  COMMON  GEAS. LINE  SHOE JOINT  POZMIX  GEL  GEL  GEL  GEL  GEL  GEL  GEL  GE	24 3 0 1 1 0
DEPTH OOL DEPTH RES. MAX. MINIMUM RES. LINE SHOE JOINT POZMIX @ EMENT LEFT IN CSG. CO. GEL @ ERFS CHLORIDE @ DISPLACEMENT EQUIPMENT  UMP TRUCK CEMENTER @ HELPER	
RES. MAX MINIMUM COMMON  ÆAS. LINE SHOE JOINT POZMIX  EMERIT LEFT IN CSG. CHLORIDE ERFS RESPS RESPLACEMENT EQUIPMENT  WILL TRUCK CEMENTER HELPER WILL TRUCK  BRIVER  REMARKS:  R	
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PLUG & FLOAT EQUI	PMENT
사용 보다 하는 바이에 다른 사용 하는 사용 회사는 사용되었다. 그는 사용 그는 사용 회사 등을 사용하는 바로 사용하는 경우 사용을 받았다. 하는 사용자는 사용자를 보고 있다. 사용자는 사용자는 사용자를 가장하는 사용자를 보고 있다.	
Global Oil Field Services, LLC	
You are hereby requested to rent cementing equipment and	
urnish cementer and helper(s) to assist owner or contractor to	
o work as is listed. The above work was done to satisfaction	
nd supervision of owner agent or contractor. I have read and	
nderstand the "GENERAL TERMS AND CONDITIONS"	
isted on the reverse side.	
	TOTAL
RINTED NAME SALES TAX (If Any)	TOTAL
SALES TAX (If Any)	TOTAL
IGNATURE	TOTAL
DISCOUNT	TOTAL

# GLOBAL OIL FIELD SERVICES, LLC

2929

REMIT TO

24 S. Lincoln Russell, KS 67665

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furnish cementer and helper(s) to assist owner or contractor to						@ @		
do work as is listed. The above work was done to satisfaction								
and supervision of owner agent or contractor. I have read and						@		
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