Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1085655

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:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (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:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
GG GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Plug Back Conv. to GSW Conv. to Producer	
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Onerster Name:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	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:

	Page Two	1085655
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS. Chause important tang of formations paratrated	otail all carea Bapart a	Il final conice of drill stome tests giving interval tested, time test

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		-	on (Top), Depth ar		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purpose:	Depth	Trace of Ocean ant	III On also I land		Turne and D		

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Off Zone				

Yes

No

No

No

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

(If No, skip questions 2 and 3) (If No, skip question 3)

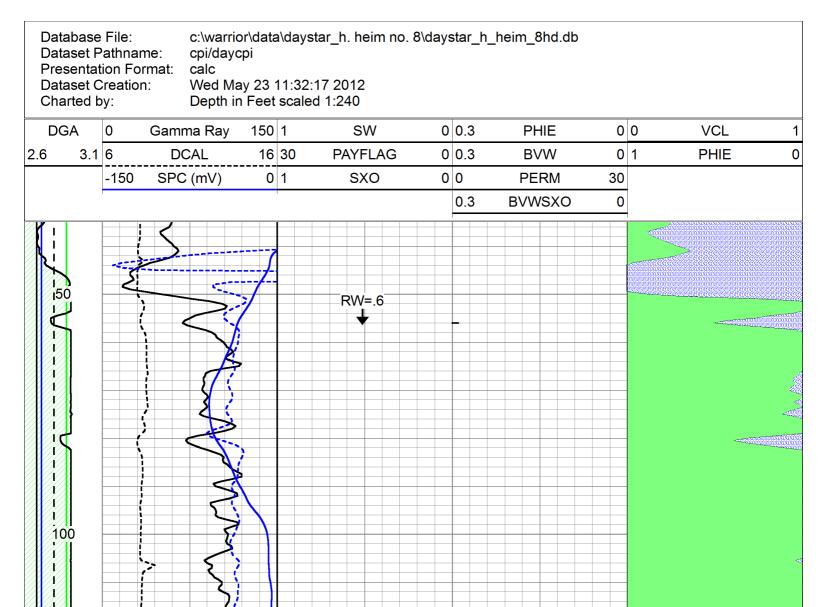
(If No, fill out Page Three of the ACO-1)

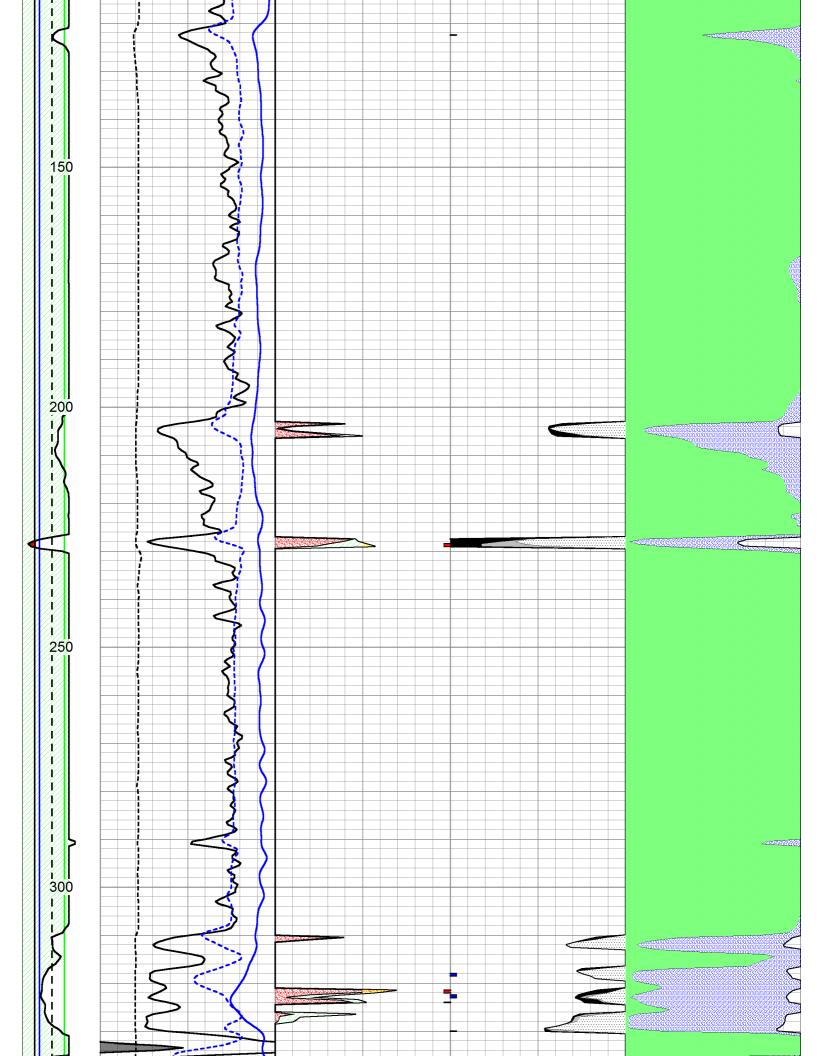
Shots Per Foot		PERFORATION Specify Foot	RECOF age of	RD - Bridge F Each Interval	Plugs Set/Typ Perforated	е	А		ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner Ru	in: Yes	No	
Date of First, Resumed	Producti	ion, SWD or ENHR		Producing N		oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbls	ŝ.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	ON OF G	AS:						□ -	PRODUCTION INT	ERVAL:
Vented Sold	ι <u></u> ι	Used on Lease		Open Hole	Perf.	Uually (Submit)	Comp. 4 <i>CO-5)</i>	Commingled (Submit ACO-4)		
(If vented, Sul	bmit ACO)-18.)		Other (Specify))			. ,		

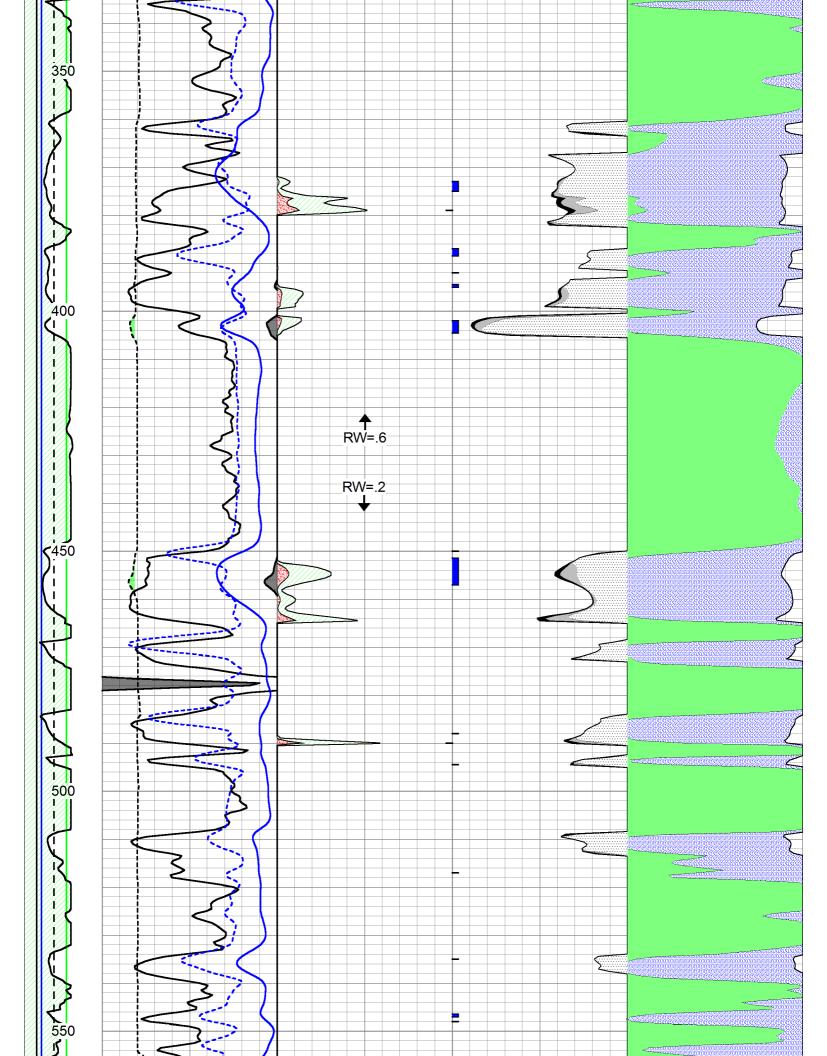
Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

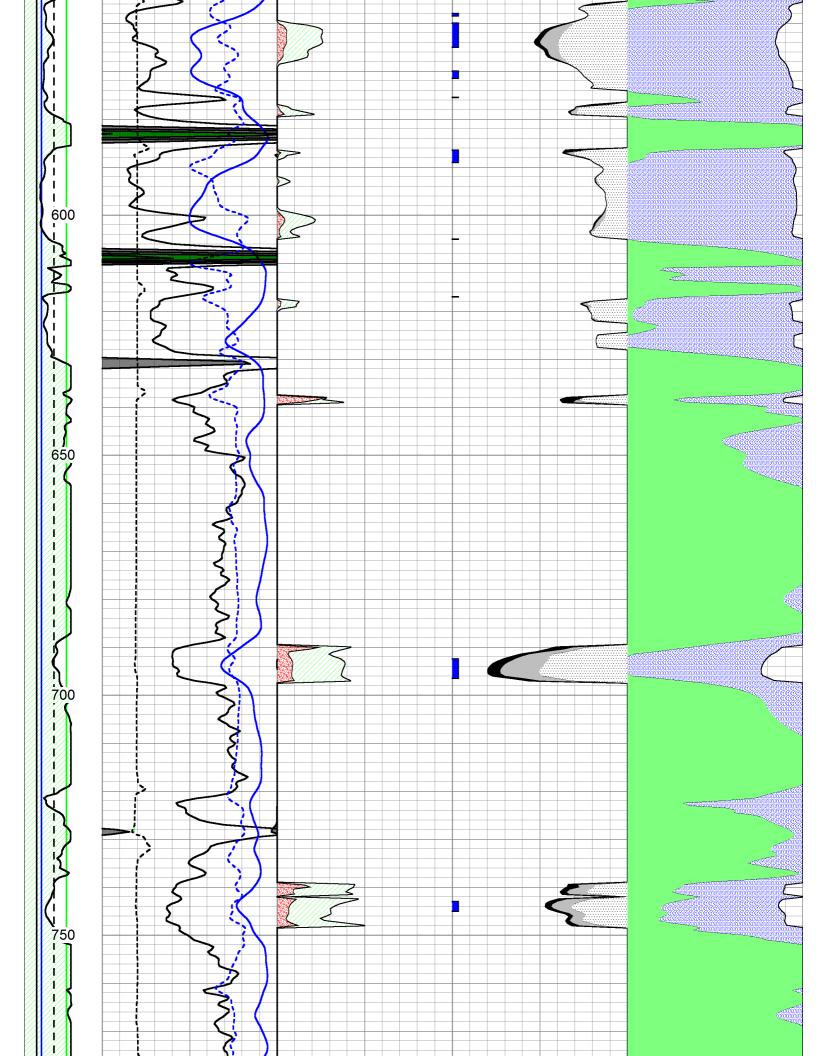
Analysis By	Witnessed By	Recorded By	Payflag	DGA	SPC	DCAL	BVWSXO	BVW	PHIE	VCL	SXO	SW		Depth Logger	Date Recorded	Permanent Datum Ground Leve Log Measured From Ground Leve Drilling Measured FromGround Leve			21,355-00		API No.	DIGITAL LOG	LOG-1
Da	Da	J. I	If	Ap	SE	Ca	Bu	Bu	De	Vo	Wa	Wa		1465	5/2	im Gro rom Gro d FromGro	Sec: 27	Location	Field County	Well	Company	Ğ	TECH
Dale Legleiter	David Griffin	J. Long	If: PHIE> 2 %, VCL< 4	Apparent Grain Density	SP Corrected For Baseline	Caliper	Bulk Volume Water In Flushed Zone	Bulk Volume Water	Density - Neutron Crossplot Shale Corrected	Volume Of Clay	Water Saturation In The Flushed Zone	Water Saturation		.65	5/23/2012	Ground Level 0 Ground Level 0	7 Twp: 8S	NW NE NE SE 2,430' FSL & 435' FEL	Lake Stellamaris Leavenworth State			(785) 625-3858	Ĥ
			40 %, SPC> -10 , SW< 50				1 Zone		hale Corrected		ed Zone		Curve Definitions			Elevation 1002 Ft. Above Perm. Datum	Rge: 21E	E SE 435' FEL		00	Davstar Petroleum, Inc.		Computer Processed Interpretation
			50 % & DCAL< 11													G.L. 1002	Elevation	Other Services DIL/CNL/CDL MEL	Kansas				rocessed tation
All i		etatio	ns are																				icy or correctness of
							any	one r	esult	ing fr	om a	ny ir	nterpr	etatic	n m	ade by any	of o	ur officers,		nployee			sts, damages, or pretations are also
											bor		(0).1			nents	То	ah Ina					
										I	nar	-				chinc.c		ch, Inc.					
McL	_outi	h, F	ollov	wН	igh	way	/ 92	2 No	orth	an	d E					e to Lo			st Into to	o Farr	n Ho	ouse,	Continue, Eas

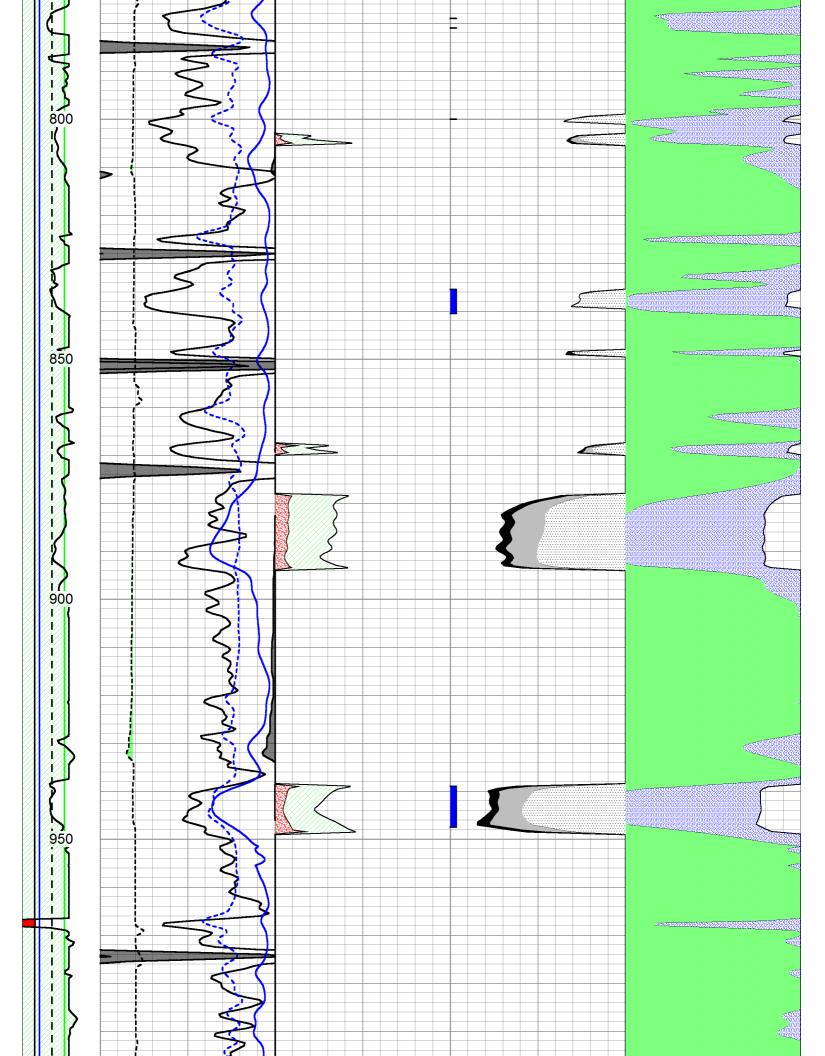
Sxo		VCL
Water Saturation In the Flushed Zone	Residual HC	Shale/Clay
Sw		
Water Saturation	Moveable HC	Rock Matrix
Sw Sw	BVW	PHIE
Sw < 50%	Bulk Volume vvater	Effective Porosity

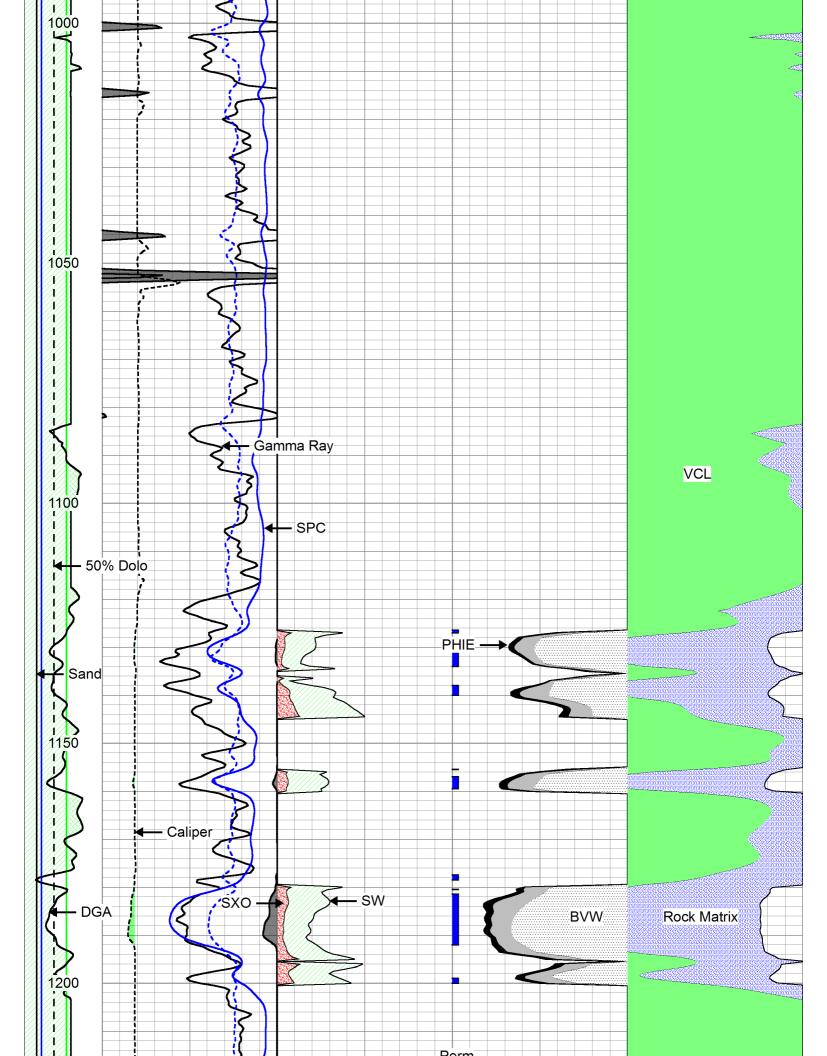


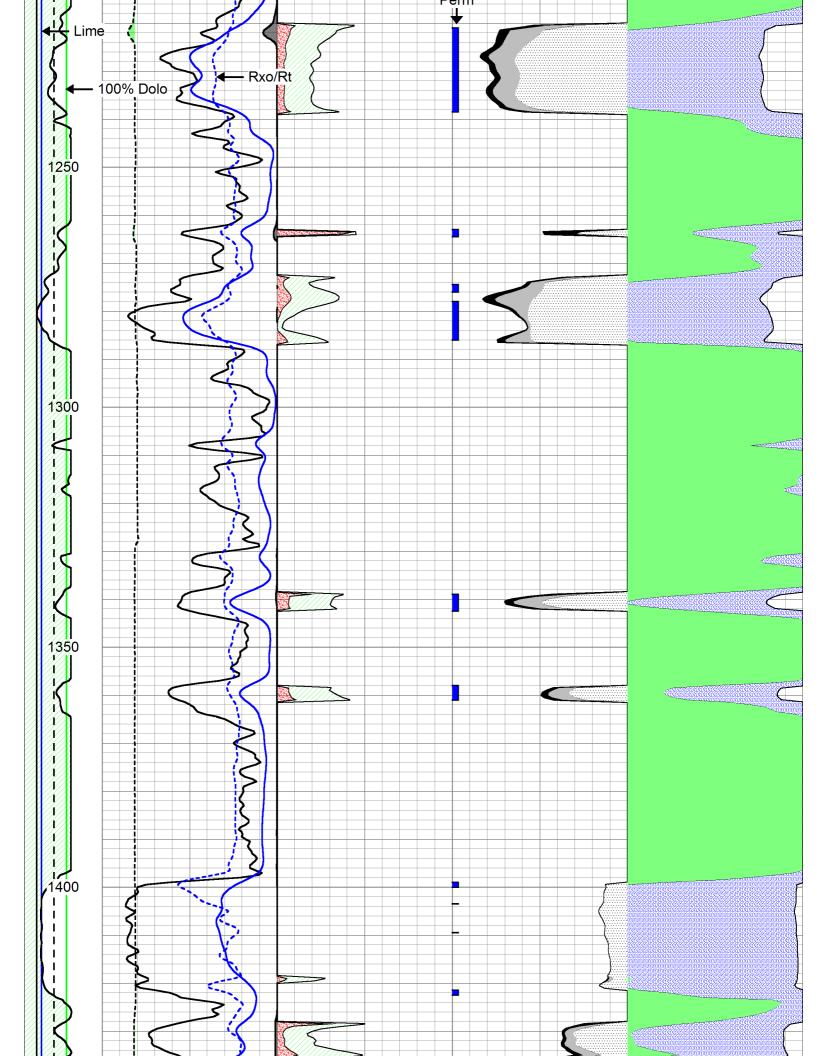








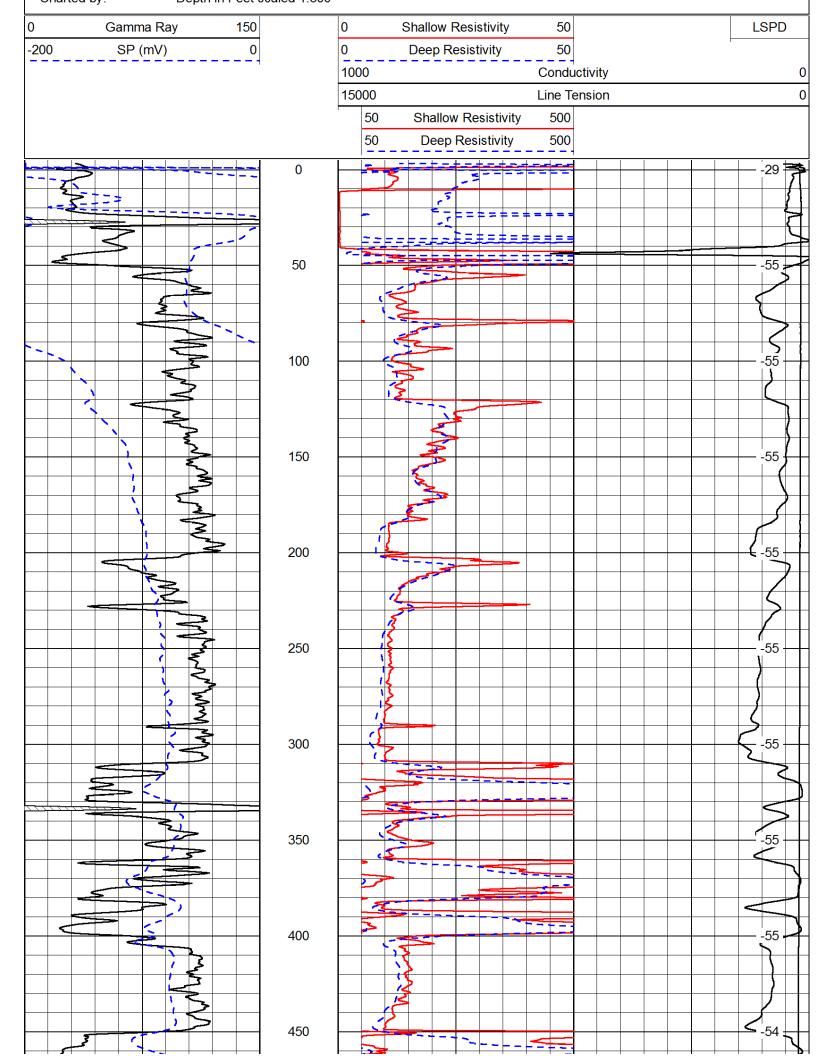


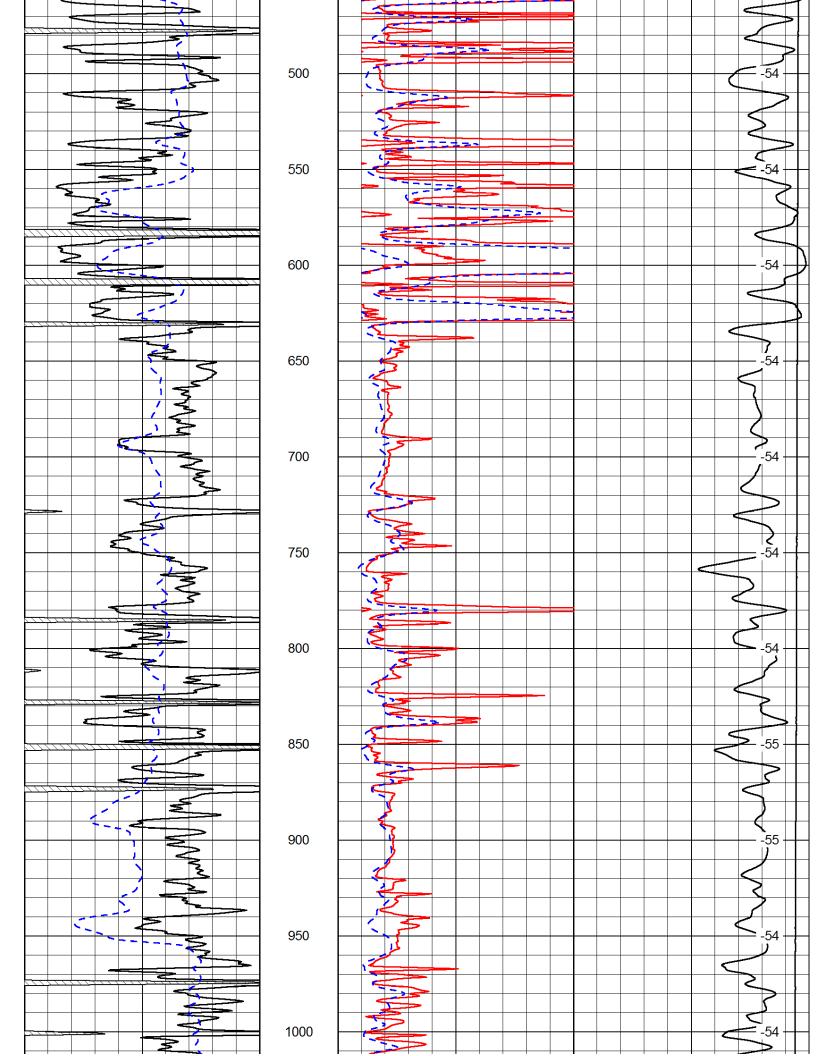


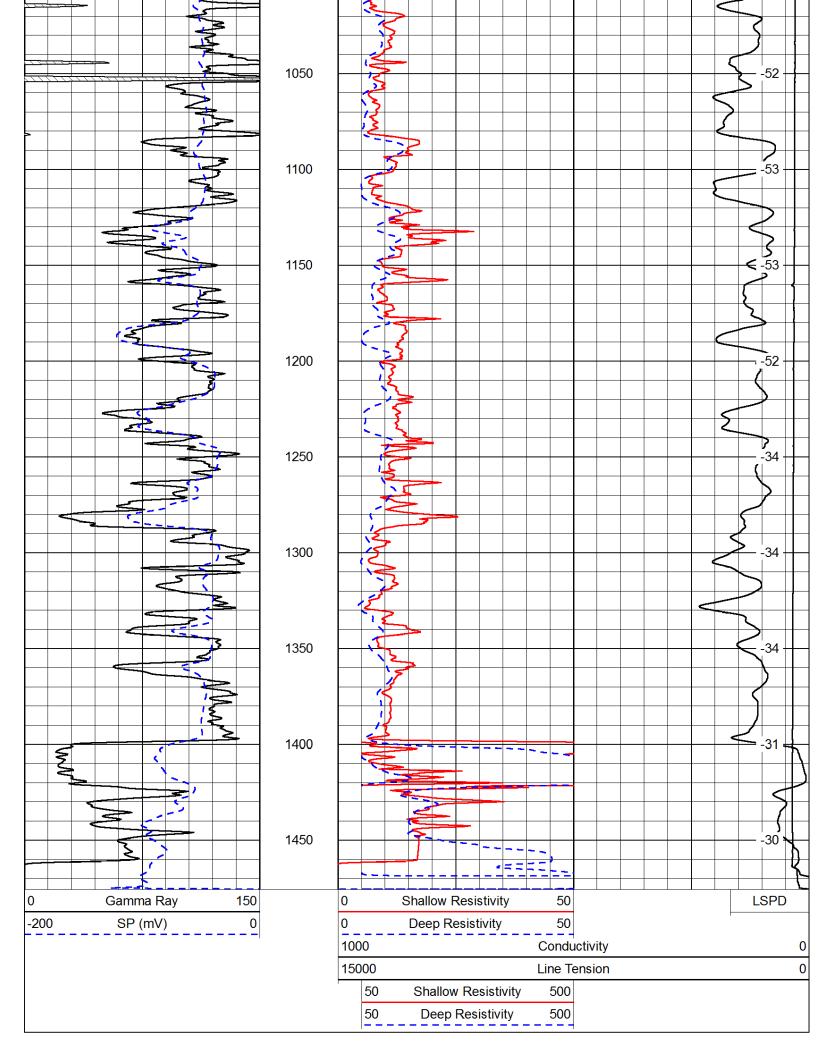
1450)					RW=.2			E E				
DGA		0	Gamma Ray	150	1	SW	0	0.3	PHIE	0		VCL	1
2.6	3.1	6	DCAL	16	30	PAYFLAG	0	0.3	BVW	0	1	PHIE	0
		-150	SPC (mV)	0	1	SXO	0	0	PERM	30			
					I			0.3	BVWSXO	0			

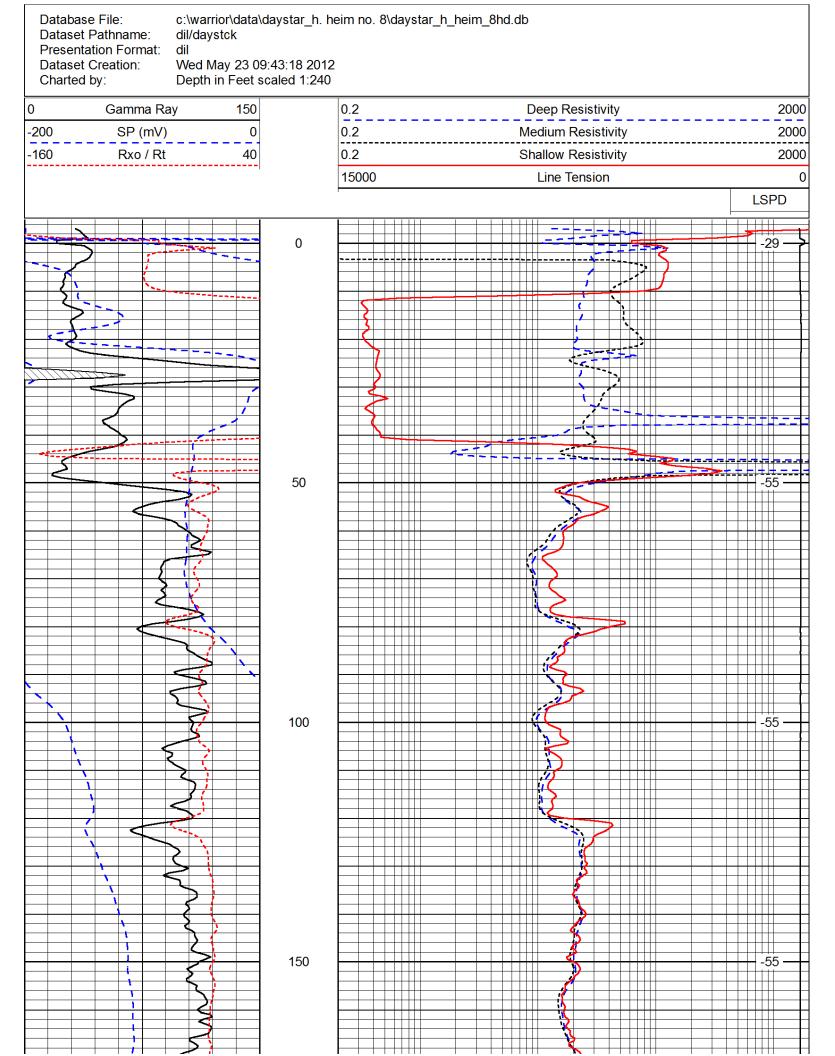
Witnessed By	Recorded By	Location		Max Rec. Temp.	Operating Rig Time	Rm @ BHT		Rmc @ Meas.	Rmf @ Meas. Temp	Rm @ Meas. Temp	Source of Sample	pH / Fluid Loss	Density / Viscosity	Salinity,ppm CL	Type Fluid in Hole	Bit Size	Casing Logger	Casing Driller	Top Log Interva	Bottom Logged Interval	Depth Logger	Depth Driller	Run Number	Date	Drilling Measured FromGround Level	Permanent Datum Log Measured Fro		15-103	-21,3					API NO.		DIGITAL LOG				
			ıber	<u>,</u> т	ime		/ Rmc	Temp	emp	emp	ole		sity		ole				2	Interval					ed FromGround I	am Ground Level	Sec: 27	Location	County	rield		Well							OG-TECH	
David Griffin	, l l ong	Hays	108	91	3 Hours	N/A @ 91	Charts		N/A @ N/A	N/A @ N/A	Flowline	N/A N/A	9.1 44	N/A	Chemical	7.875	4	8.625 @ 42	00	1464	1465	1481	One	5/23/2012		0	Twp: 8S	NW NE NE SE 2,430' FSL & 435' FEL	LeavenworthState			H. Heim No. 8	Daysial Fellole	Davetar Detroleum Inc		(785) 625-3858)	
																									_	Elevation 1002 Ft. Above Perm. Datum	Rge: 21E	Ë		<u>v</u>	D		un, mc.					Dual Induction Log		
																									Ğ.L. 1002		Elevation		Kansas									on Log		
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in	cur	rec	l or	sus	staiı	nec	l by	an	yon	ie re	esu	lting	g fro									litio	ns	set	out i	in our		gents or e ent Price S			The	ese ir	nter	pret	tati	ions are	e also	o sub	oject t	o our
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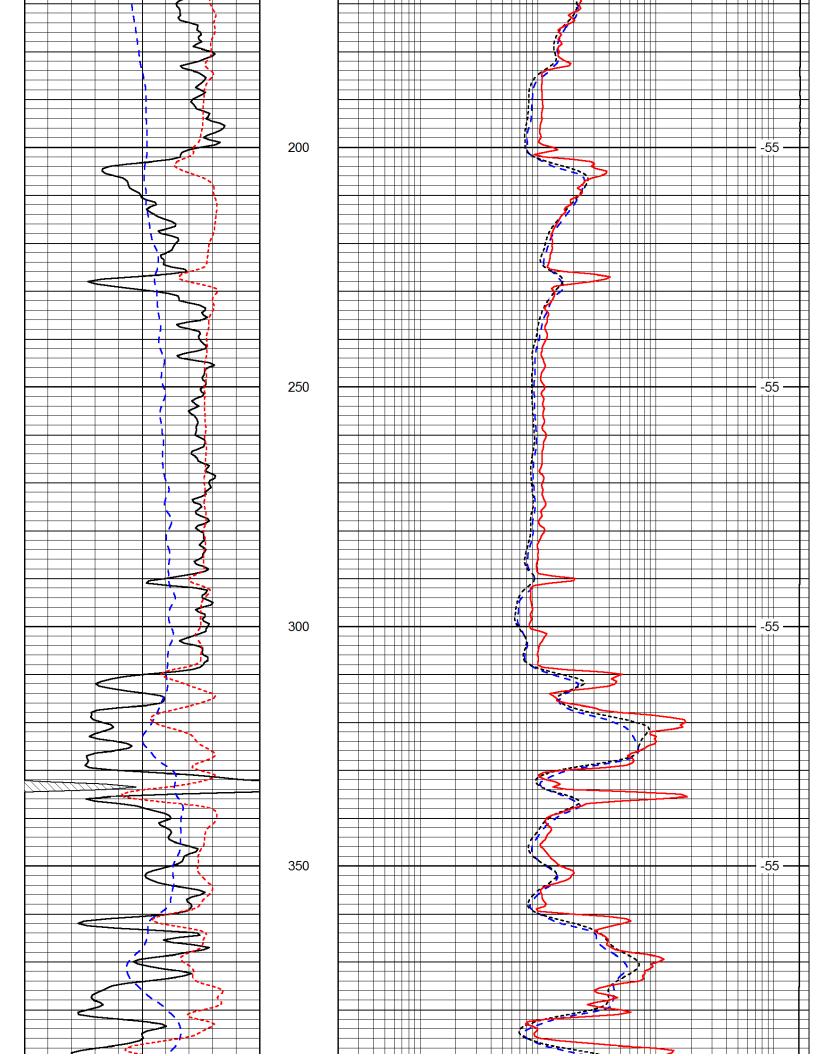
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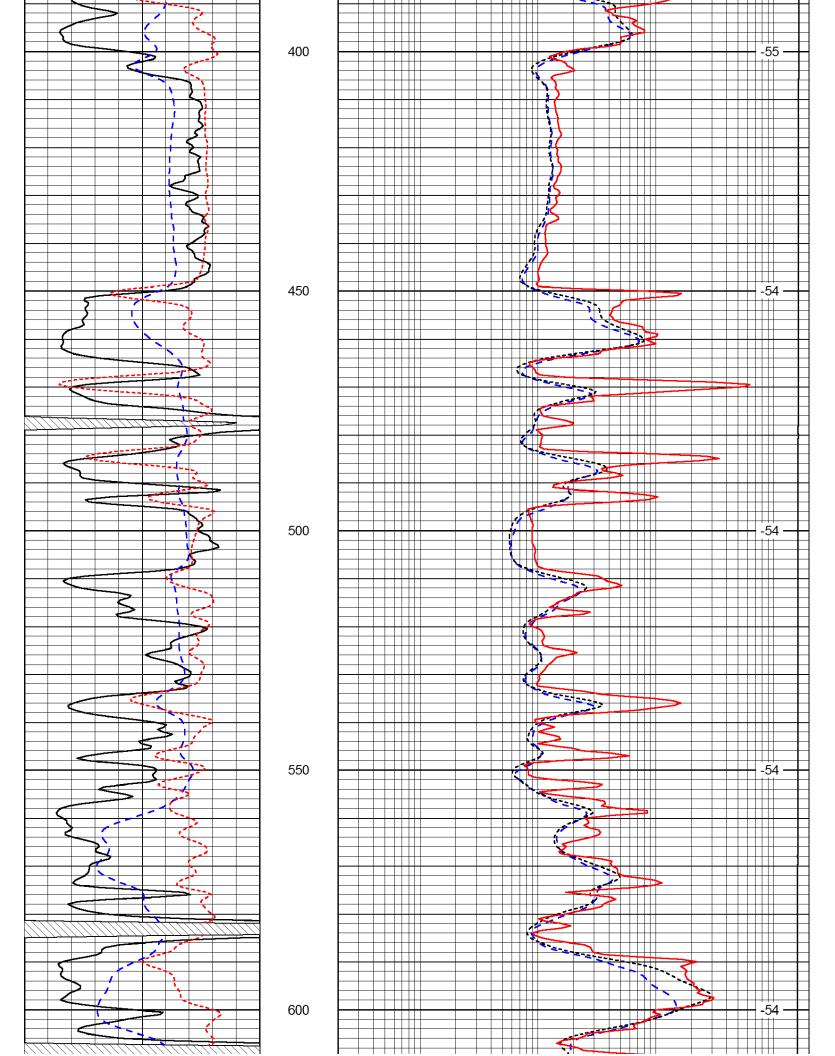


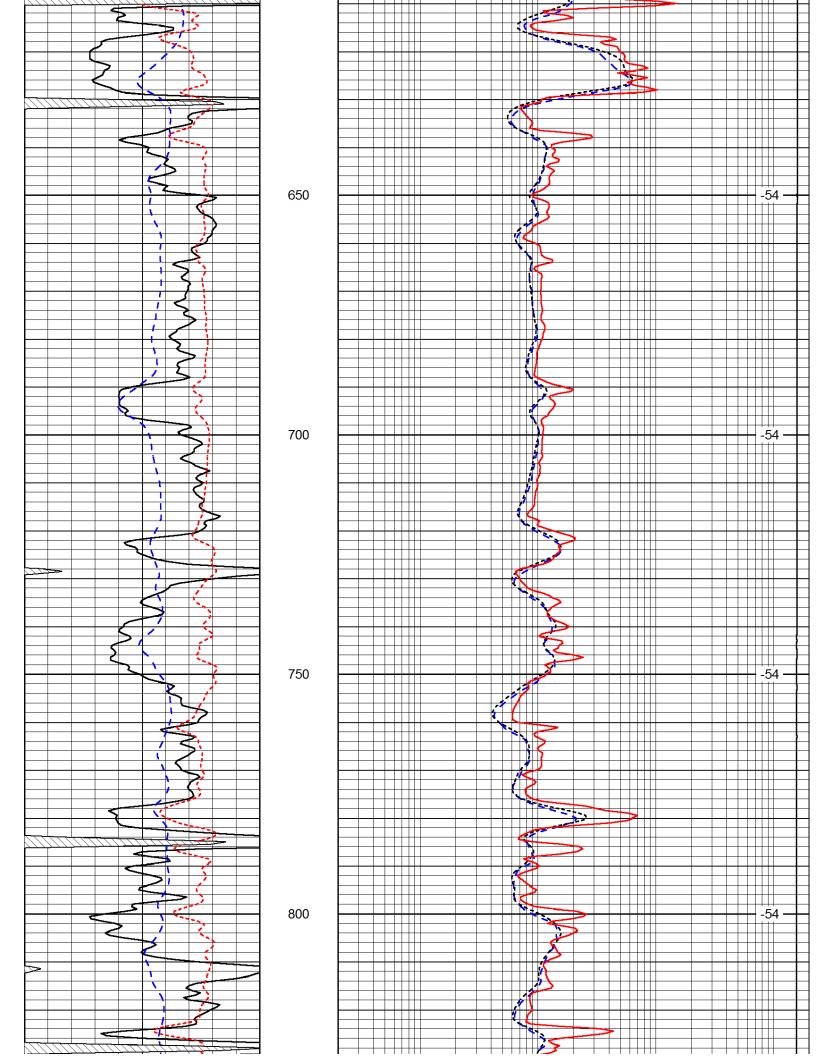


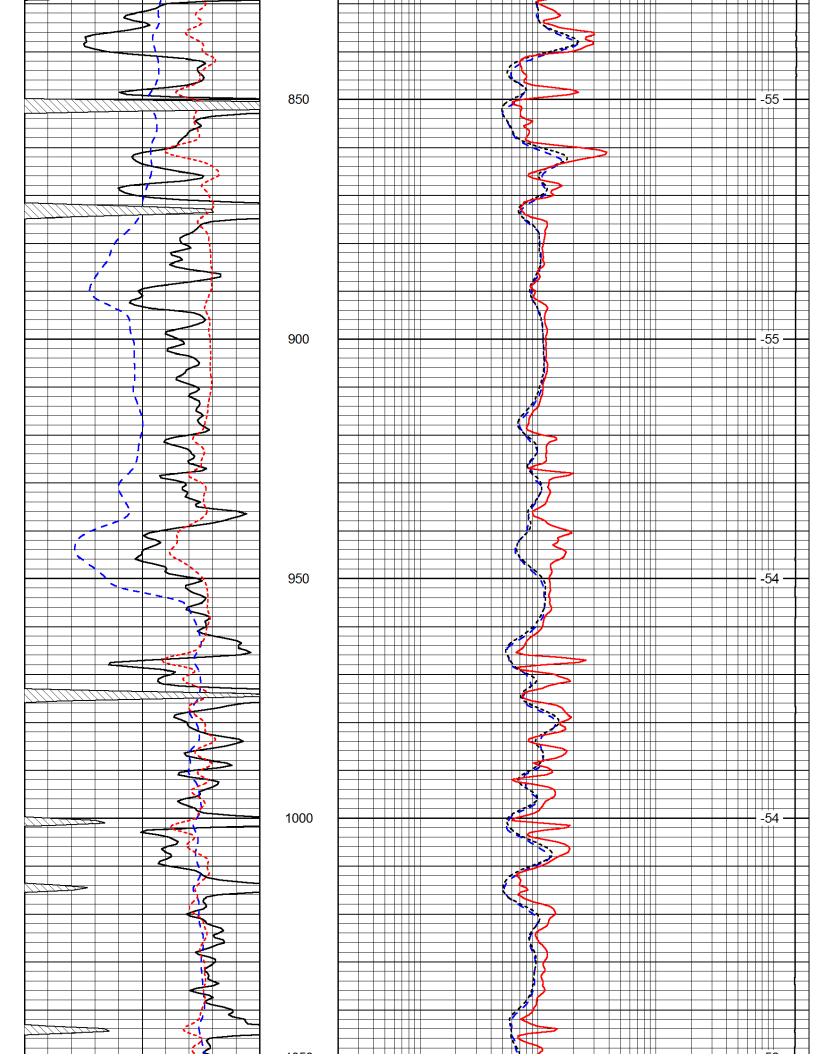


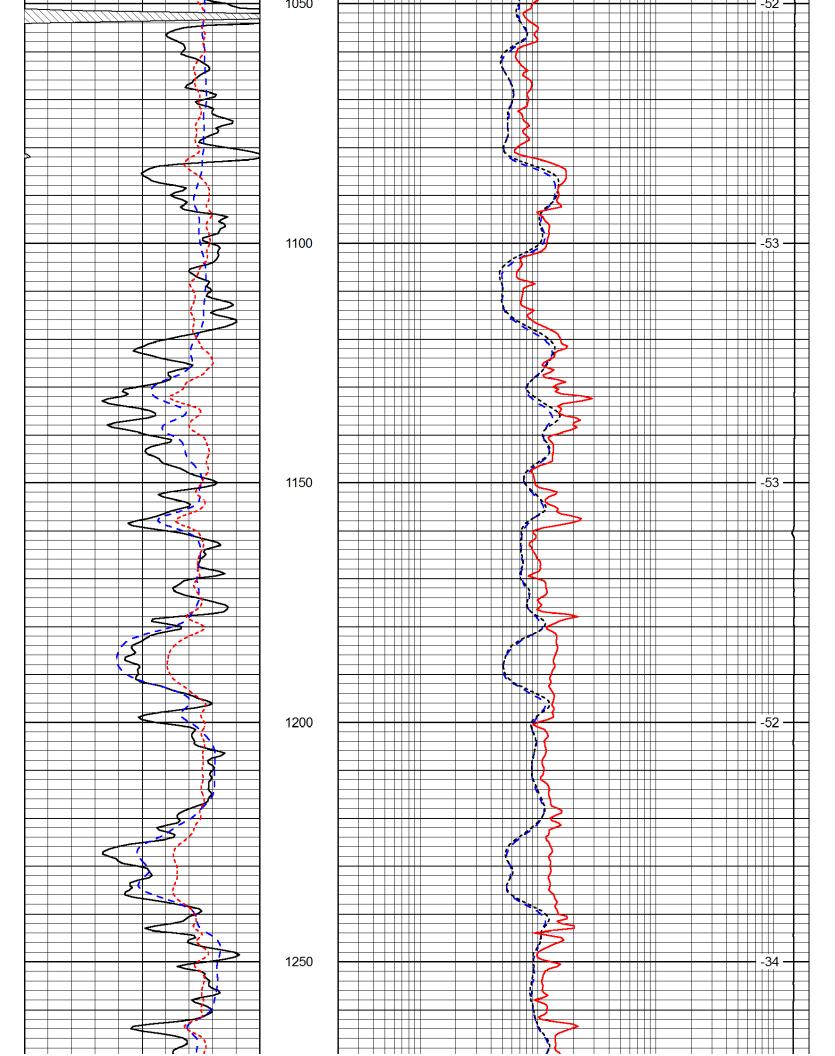


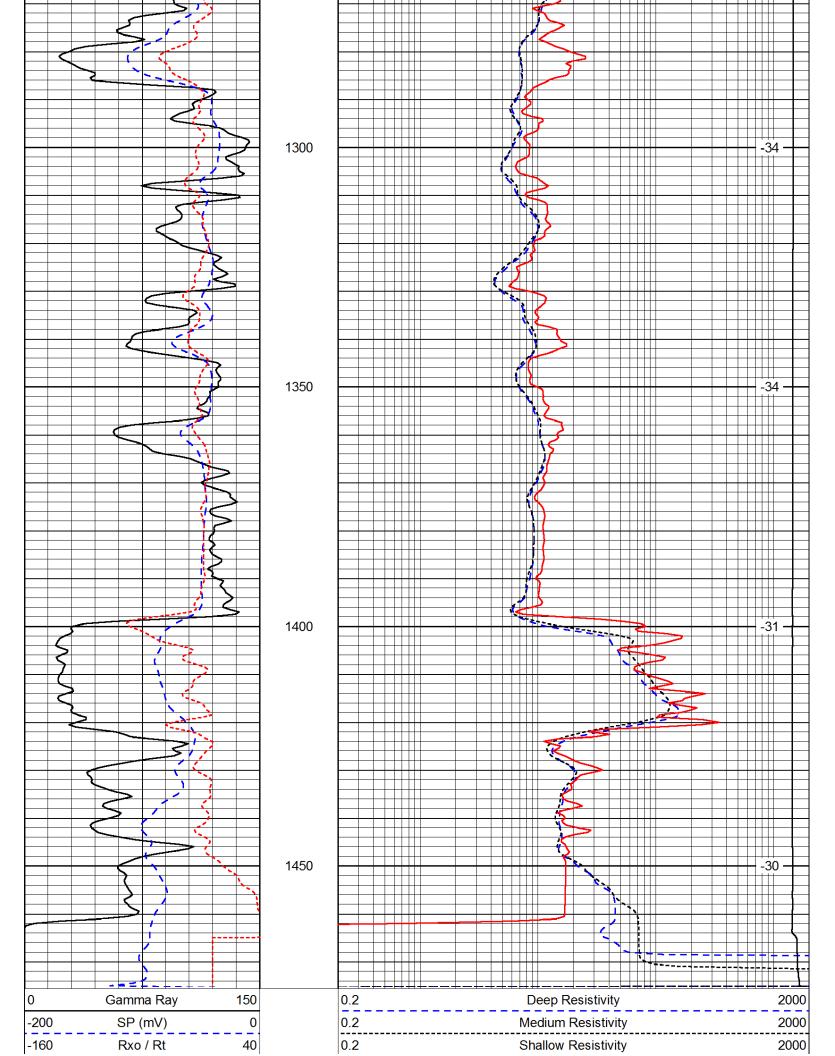








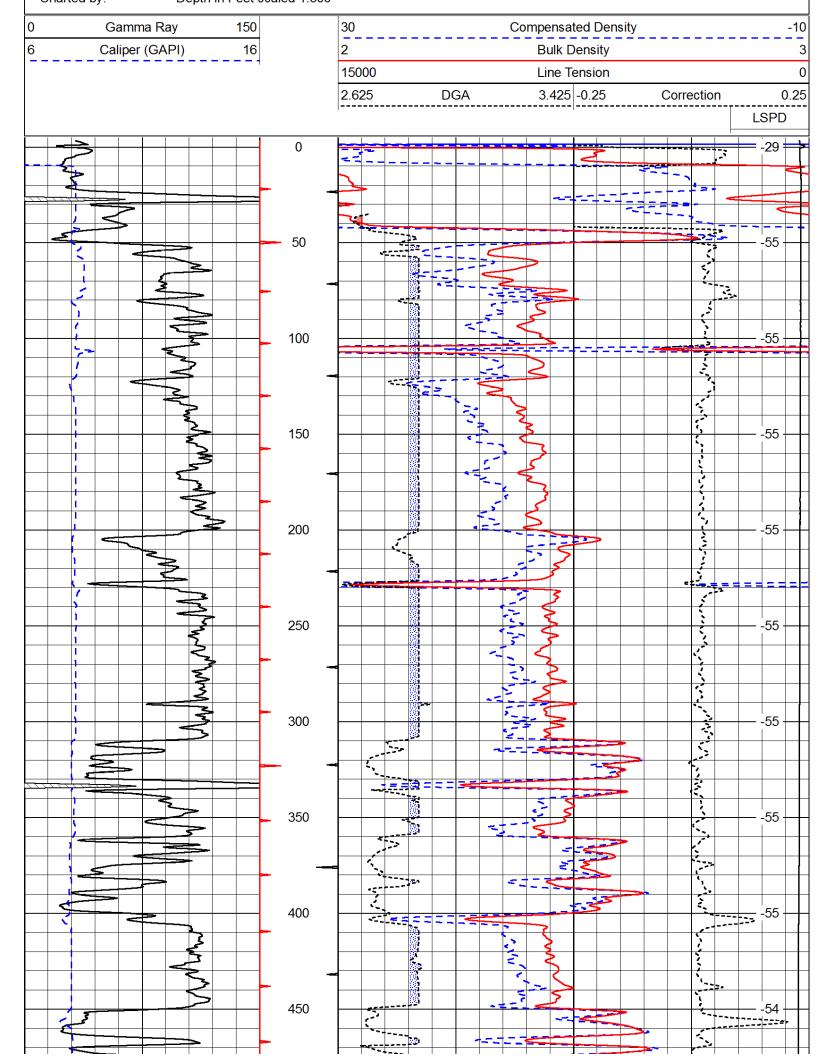


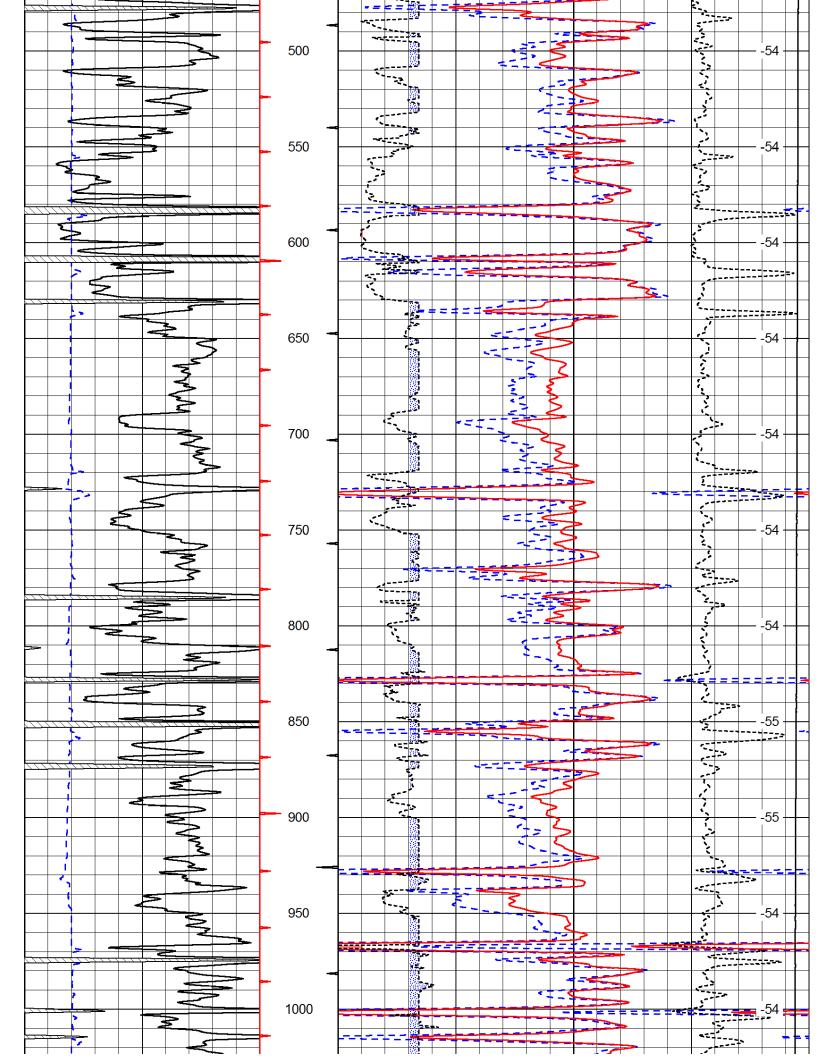


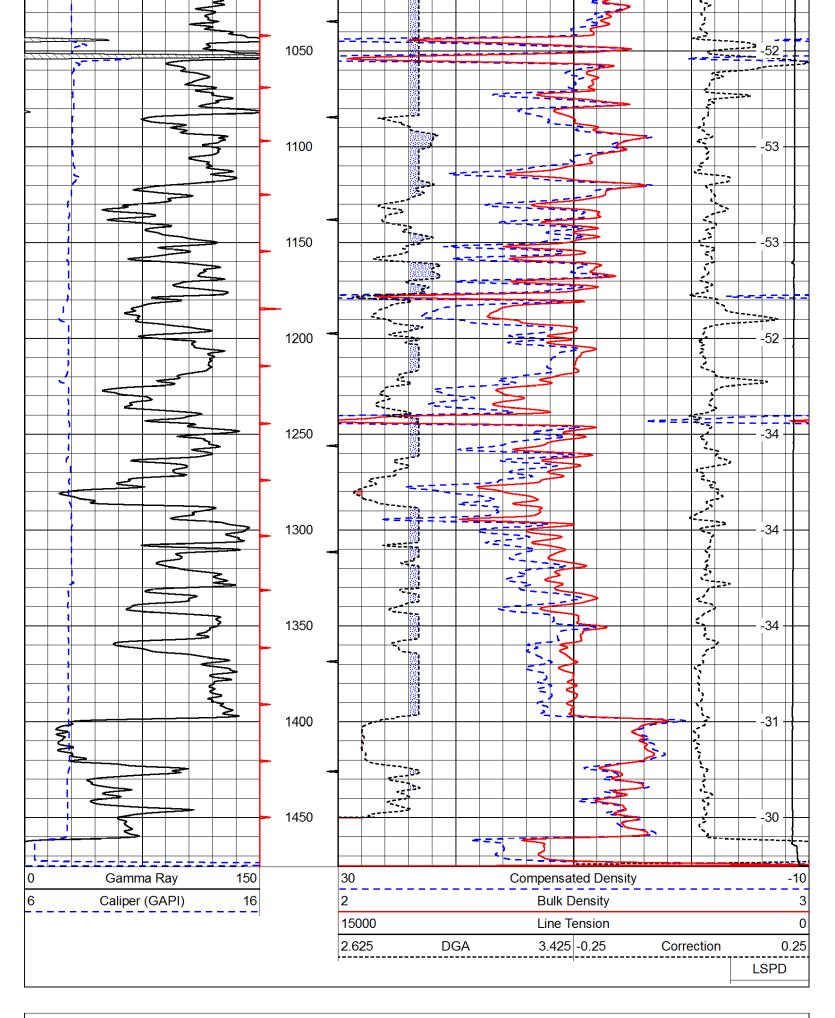
	15000	Line Tension	(
LGF			LSPD

	2 7.875 42 1481	12.25 00	Run No. Bit From To	Borehole Record	Witnessed By David Griffin	J. Lon	tion 108	Operating Rig Time 3 Hours	c. Temp. F			Salinity, PPM CL N/A		Tval 1		Depth Driller 1481	CN	ber	Date 5/23/2012	anent Datum Ground Lev Aeasured From Ground Lev g Measured From Ground Lev	bec: 27 Twp:	15-103 Location NW NE NE SE 2,430' FSL & 435' FEL	County Leavenworth	55-00 Field Lake Stellamaris			APINo. Company Davstar P		DIGITAL LOG (785) 625-3858				
		24# 00 42	To	Casing Record	ffin		Hays					<u>2</u>							12	Ft. Above Perm. Datum D.F. G.L.	8S Rge: 21E Elevation	NE SE Other Services DIL MEL MEL	orth State Kansas	lamaris	VO. 8		Davstar Petroleum. Inc.			Porosity Log	Dual Compensated		
All interpretat	ions on, sust	anc anc aine	e op I we ed k	e sh oy a	all r nyc	not, one	exc	cept	in 1 ng fr	rom	any gen	e of y inte eral	gros erpro terr	ess or etati ms a an Ea	ky	ful r nad conc cou (to :	neg ditic ditic 1 fC 78	lige y ar ons <u>Cc</u> S5)	usi	e on our p of our offic out in our ments ing Log 25-385	art, be ers, a curre	e liable or re gents or er ent Price Sc ech, Inc.	espon: nploye hedule	sible f les. Tl e.	or any	y lo inte	ss, co rpreta	osts, o ation	dama s are	ges, also	or exp subje	ct to c	es our

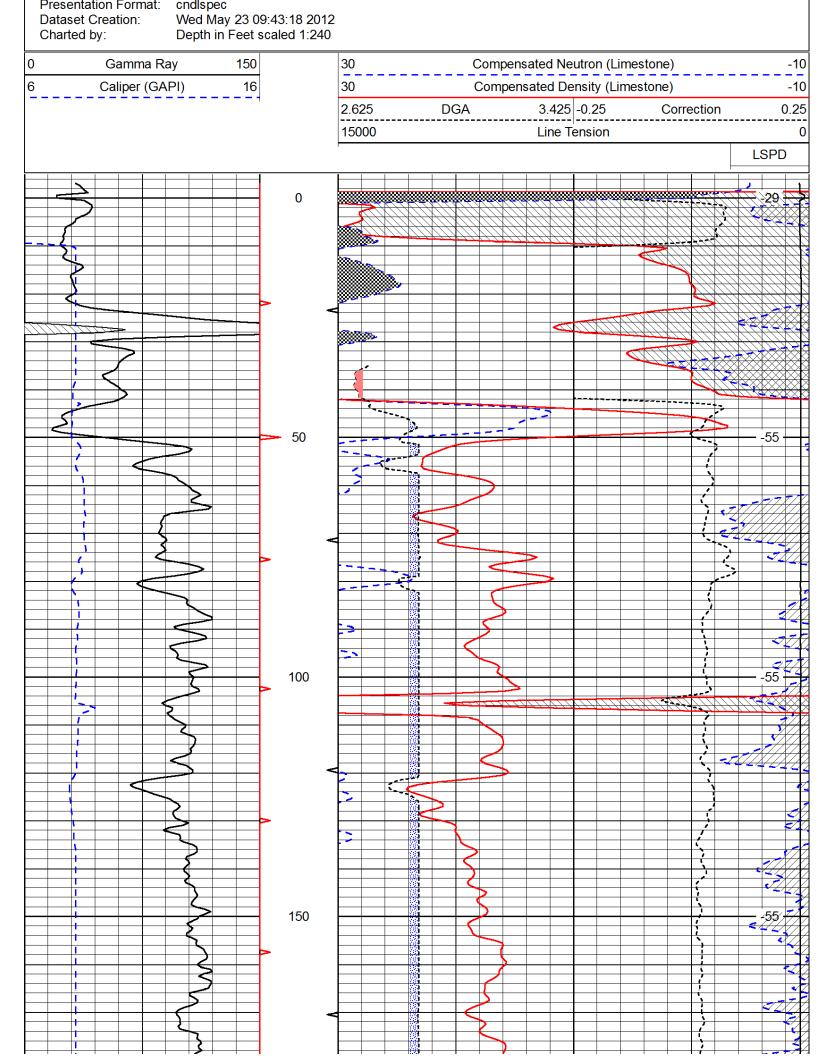
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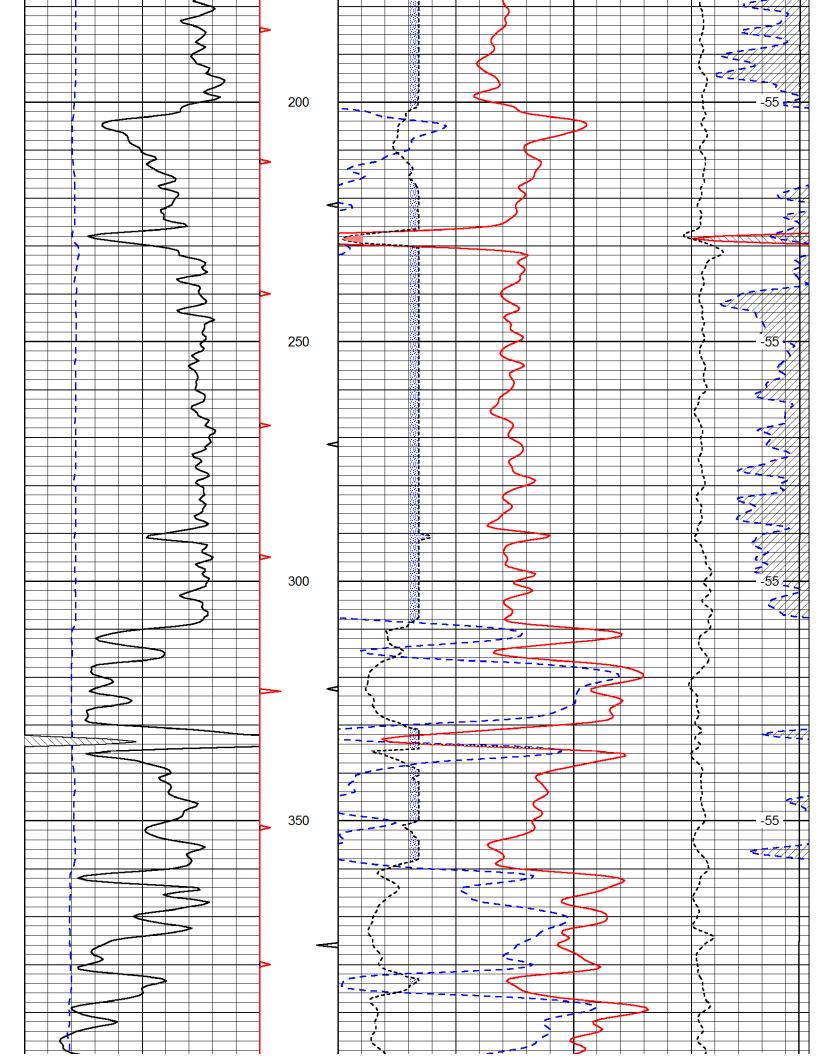


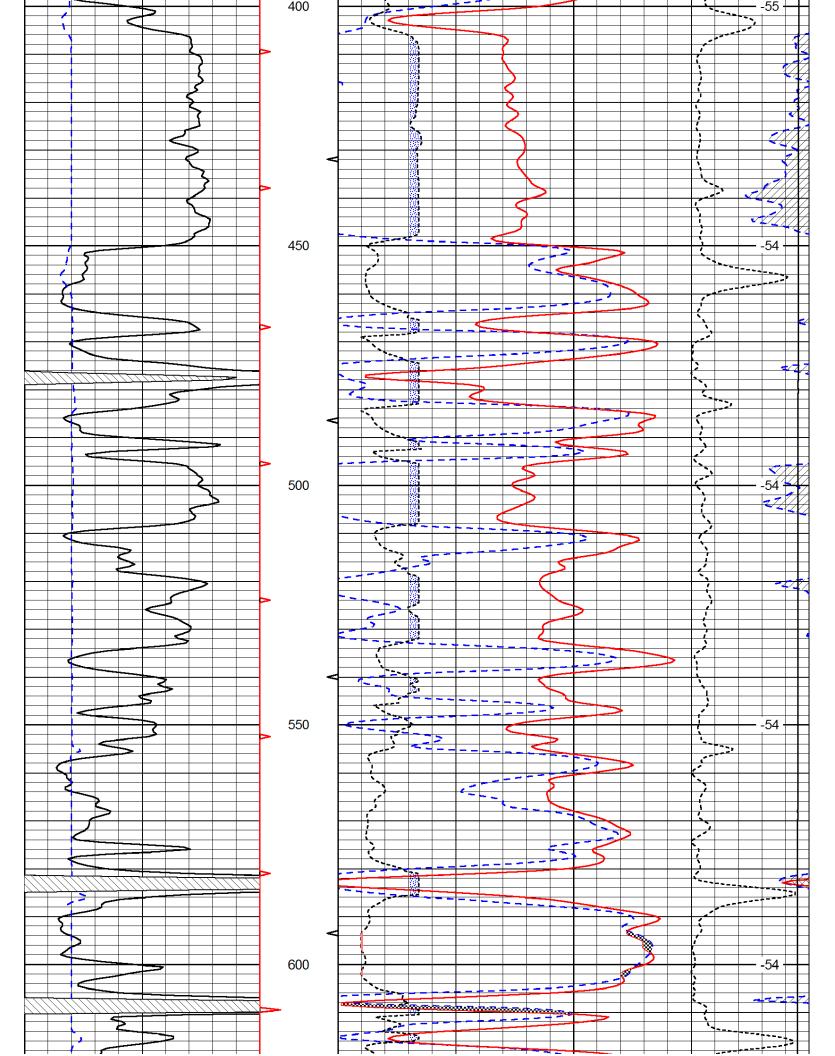


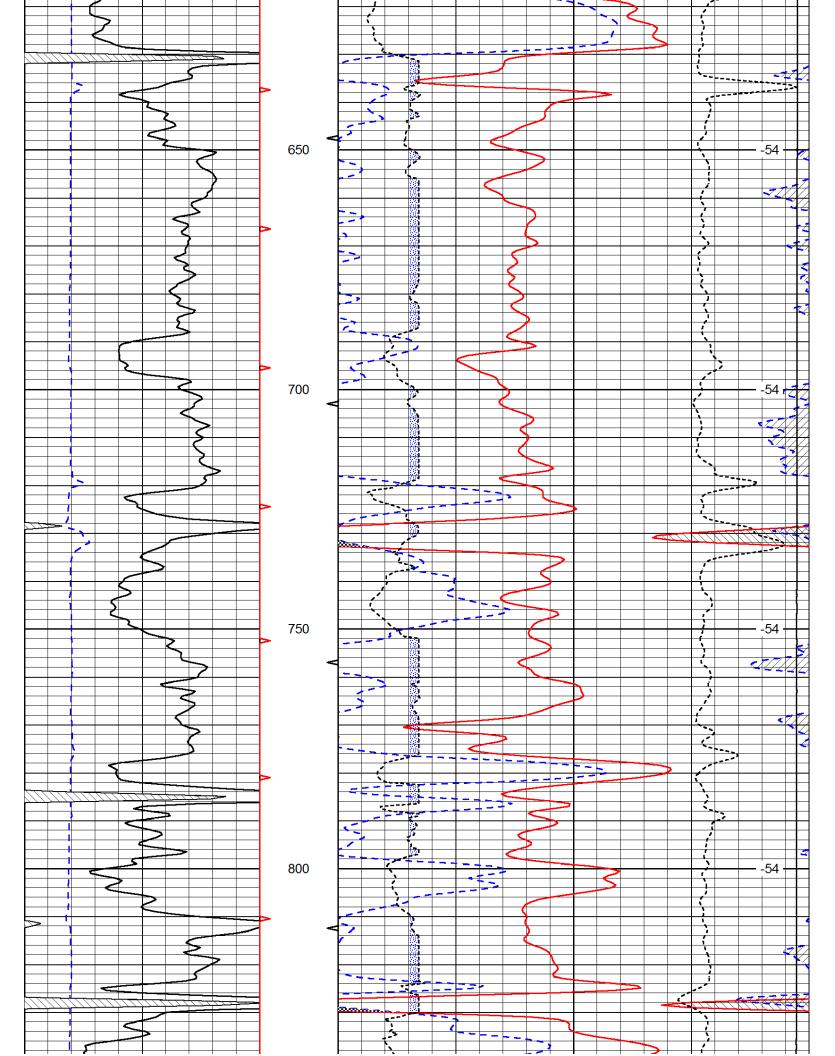


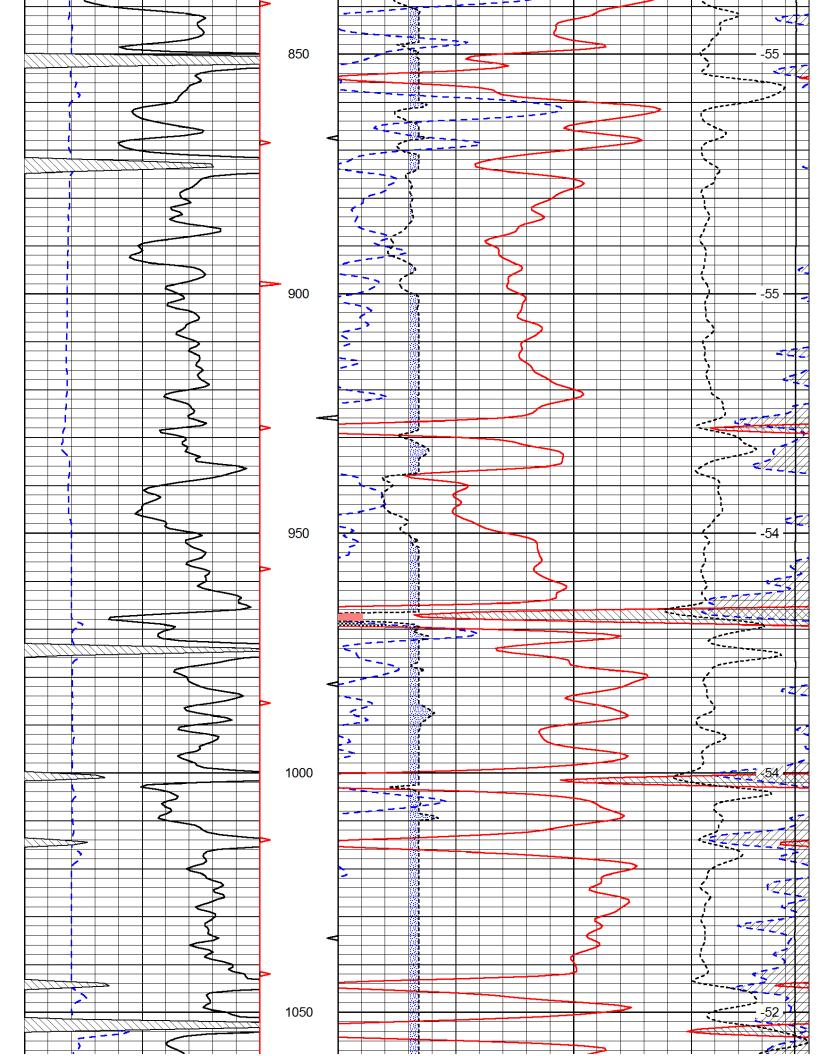
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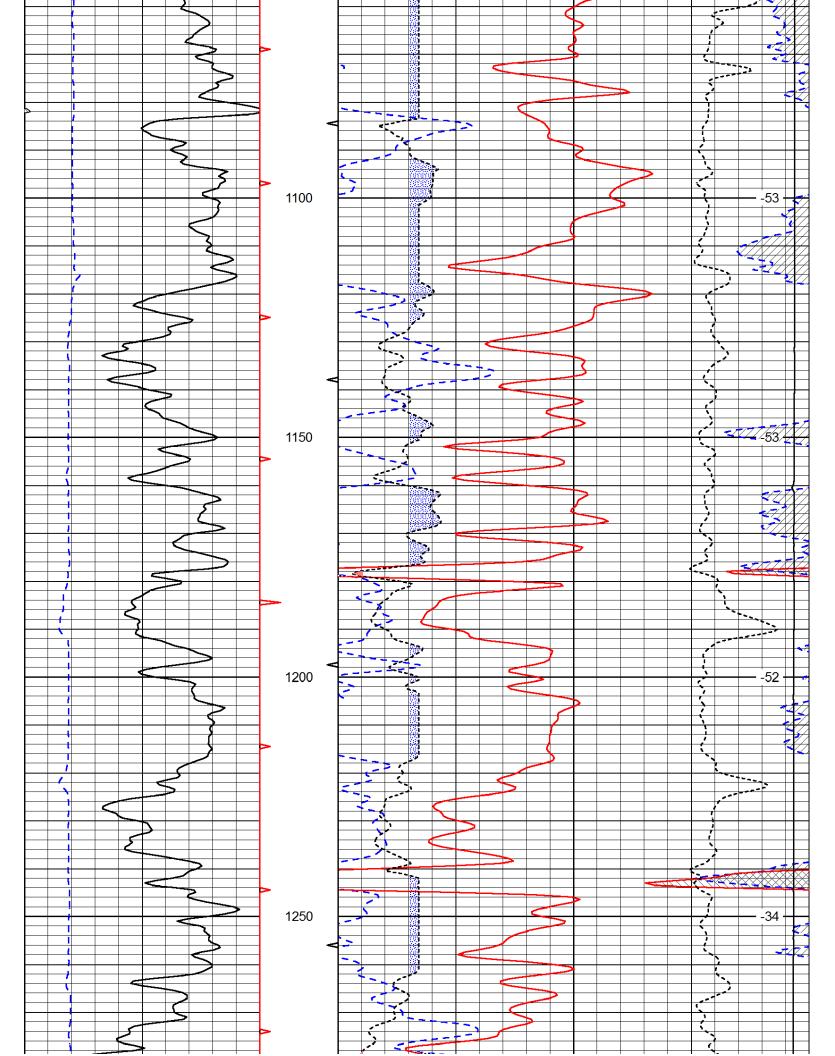


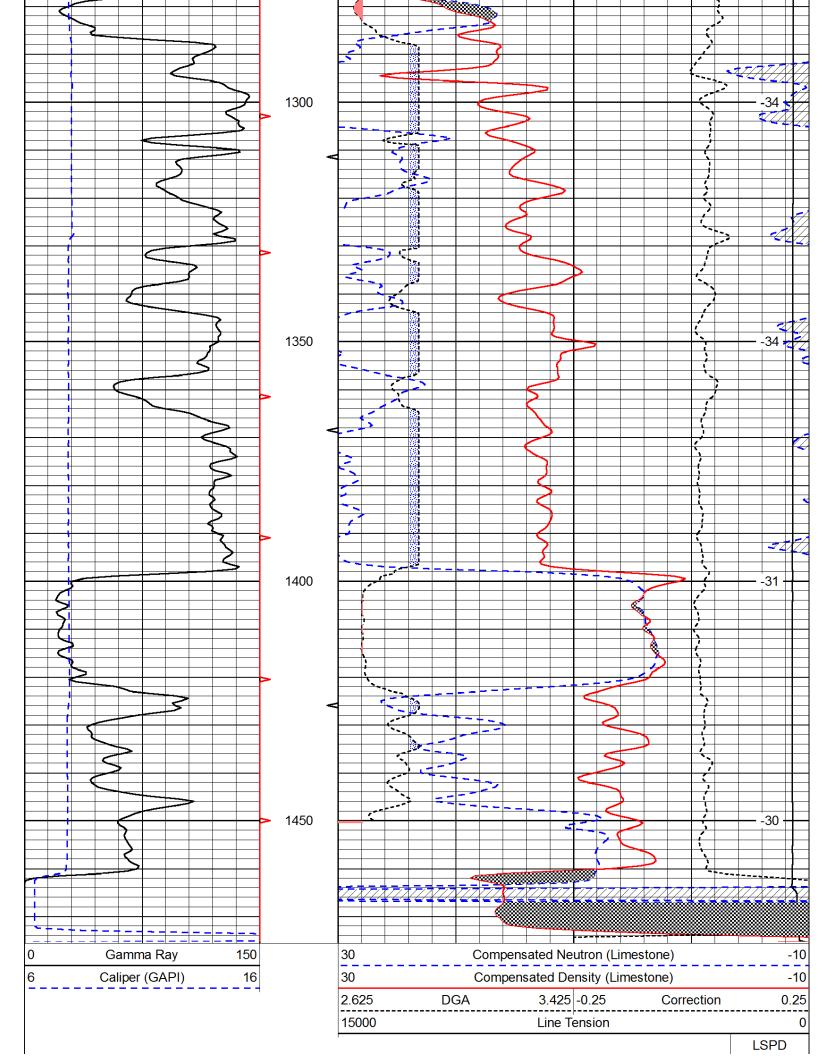








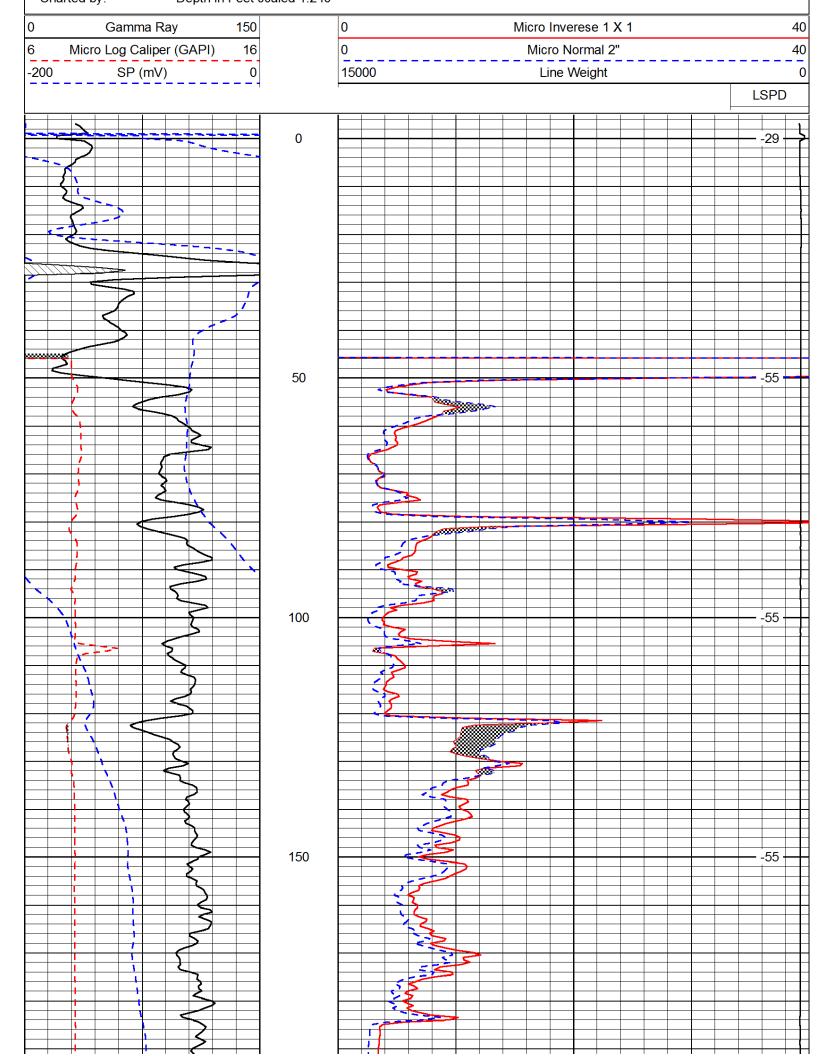


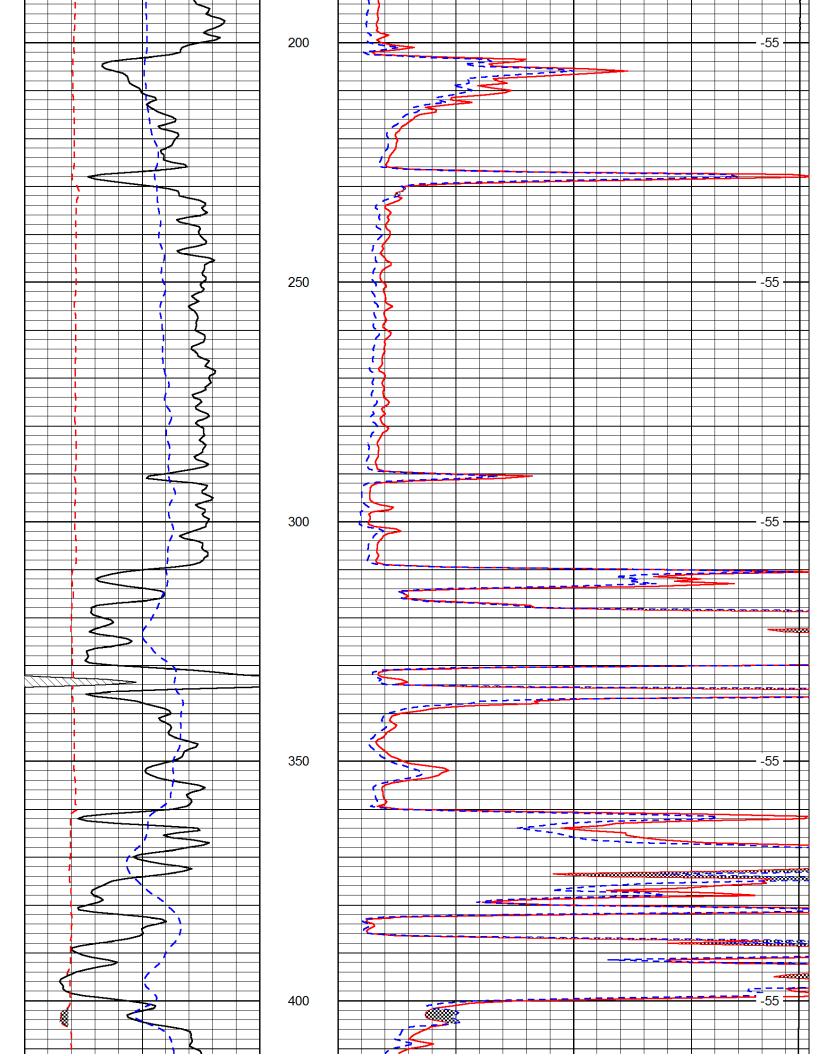


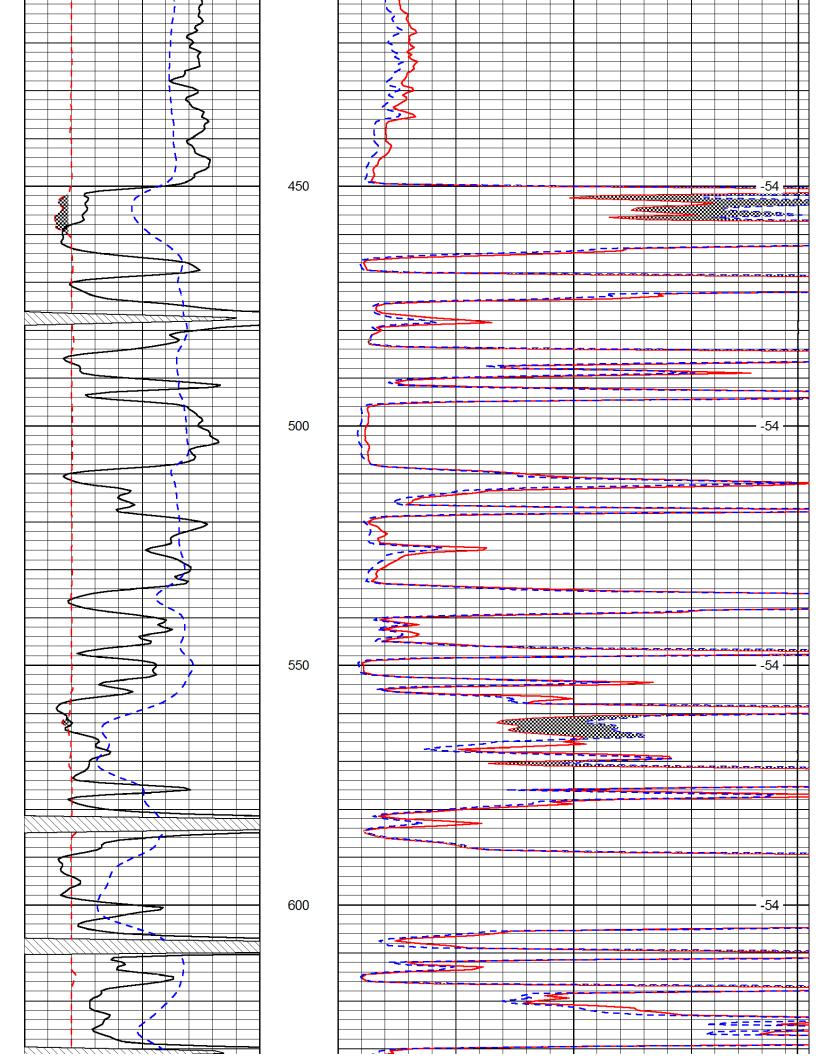


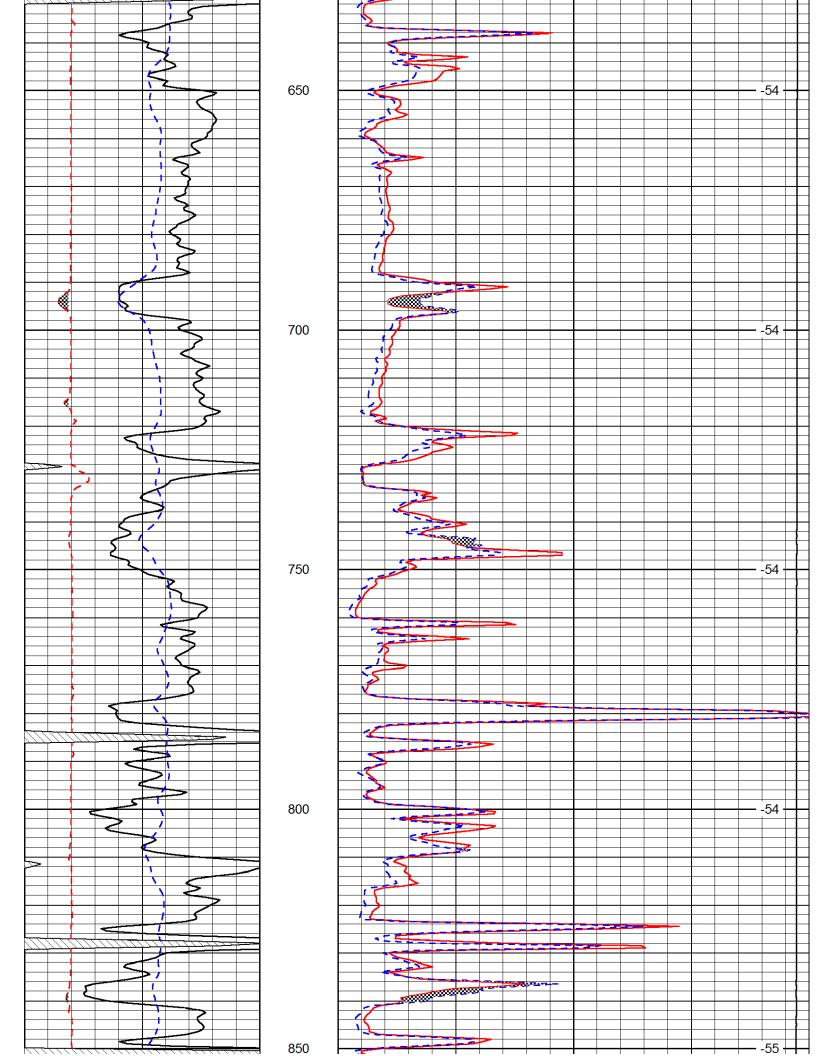
Witnessed By	Recorded Rv	Location	Equipment Number	Max Rec. Temp.	Operating Rig Time	Rm @ BHT	Source of Rmf / Rmc	Rmc @ Meas. Te	Rmf @ Meas. Temp	Rm @ Meas. Temp	Source of Sample	pH / Fluid Loss	Density / Viscosity	Salinity,ppm CL	Type Fluid in Hole	Bit Size	Casing Logger	Casing Driller	Top Log Interval	Bottom Logged Interval	Depth Logger	Depth Driller	Run Number	Date	Permanent Datum Ground Level Log Measured From Ground Level Drilling Measured FromGround Level		15-103-						API No.	-	DIGITAL LOG			09-)
			ber	т	ne		Rmc	Temp	dui	qm	Ø		ty		Ø					nterval					n Ground Level om Ground Level I FromGround Level	Sec: 27	Location	County L	rieid L	_	Well H								
David Griffin		Hays	108	91	3 Hours	N/A @ 91	Charts	N/A @ N/A		N/A @ N/A	Flowline	N/A N/A	9.1 44	N/A	Chemical	7.875	40	8.625 @ 42	8	1464	1465	1481	Two	5/23/2012	0	Twp: 8S	NW NE NE SE 2,430' FSL & 435' FEL	LeavenworthState	Lake Stellamaris		H. Heim No. 8	Daystal Felloleuiii, iiic.	lavetar Datro		(785) 625-3858		Q	2	
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ir	ite	rpr	etat	tion	, ar	nd ۱	ve	sha	ll no	ot, e	exce	ept	n th	ne c om a	ase any	e of inte	gro erpi	oss reta	or v atior	villf n m	ul n ade	egl e bי litio	ige / ar ns :	nce iy c set	e on our pa of our offic out in our	art, be ers, a	ve cannot a e liable or r gents or er nt Price Sc	espon: nploye	sible es.	for	any	los	s, cos	sts,	dama	ages	, or	expe	nses
																							<u>Cc</u>	m	ments														
Mo	Thank you for using Log-Tech, Inc. (785) 625-3858 McLouth, Follow Highway 92 North and East to 207 Road, 2.4 North, East Into to Farm House, Continue, East through Gate to Location														East																								

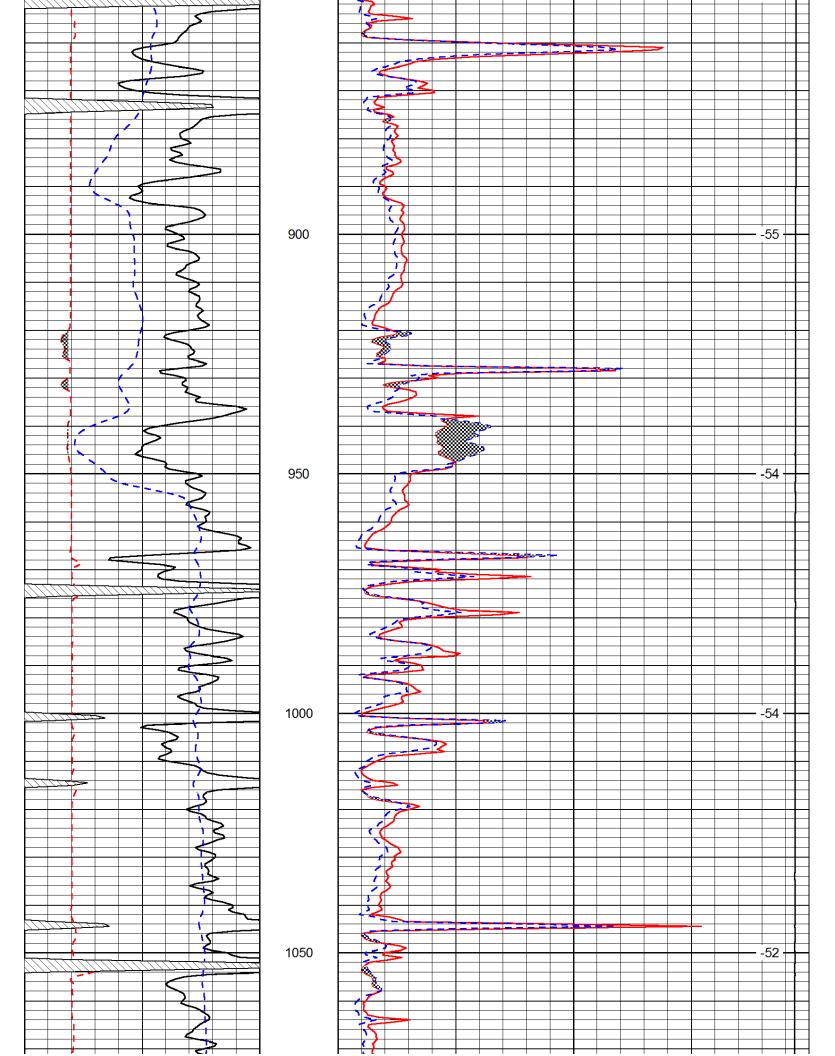
Database File:c:\warrior\data\daystar_h. heim no. 8\daystar_h_heim_8hd.dbDataset Pathname:dil/daystckPresentation Format:microDataset Creation:Wed May 23 09:43:18 2012Charted by:Depth in Feet scaled 1:240

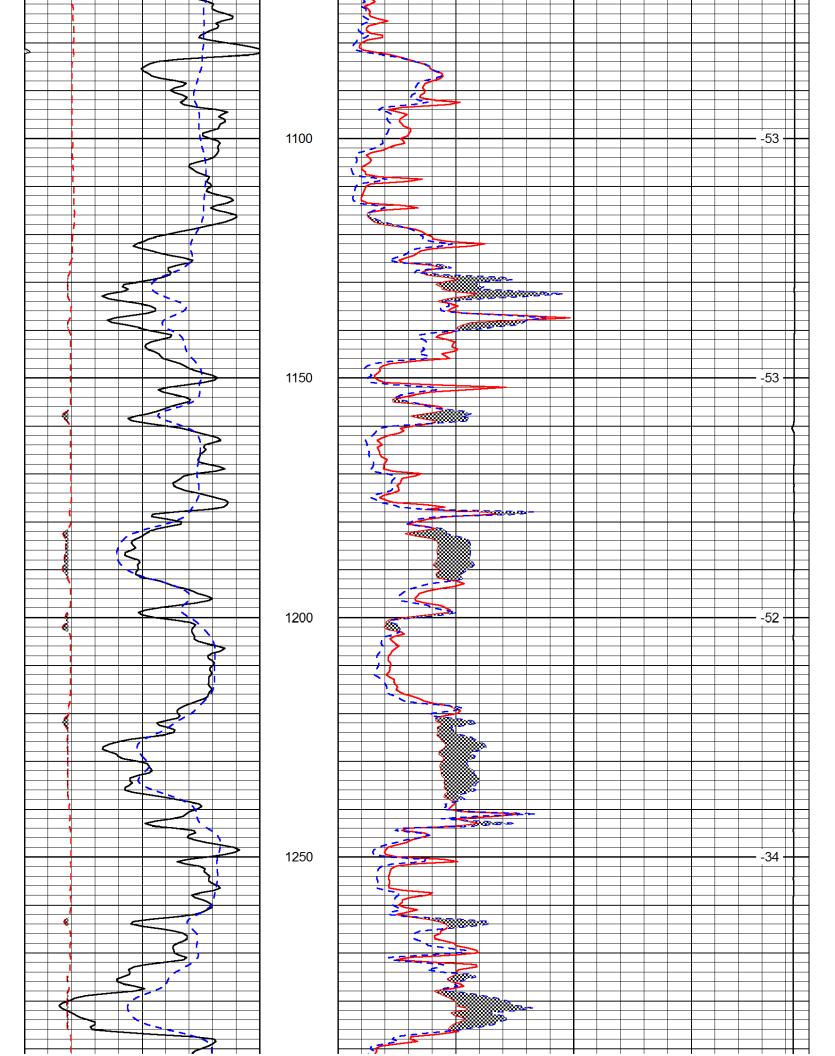


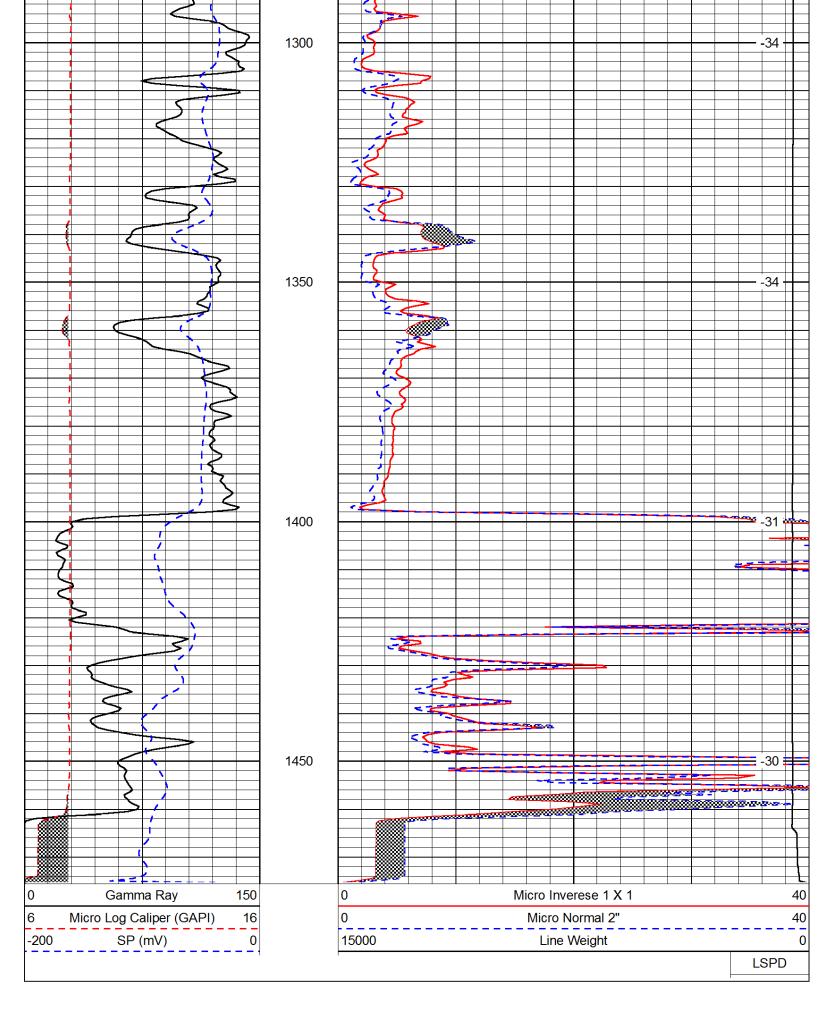












Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner Sam Brownback, Governor

June 26, 2012

Matt Osborn Daystar Petroleum, Inc. 522 N. MAIN ST PO BOX 560 EUREKA, KS 67045-0560

Re: ACO1 API 15-103-21355-00-00 H. Heim 8 SE/4 Sec.27-08S-21E Leavenworth County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Matt Osborn

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	li Weli Servie	* * * ********************************				LOCATION_(Hawa KS	
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PO Box 884, Ch	anute, KS 667	20 FIE	LD TICKE	T & TREA	TMENT REP	°ORT	1	-
620-431-9210 o				CEMEN	IT			
DATE	CUSTOMER #	WEL	L NAME & NUM	1BER	SECTION	TOWNSHIP	RANGE	COUNTY
5/23/12	2345	Hoina	#8		NE 27	8	21	111
CUSTOMER	· · ·							
MAILING ADDRE	tar Ever	<u>.</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
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POBO	ox 1285			_	495	HarBer	HB	
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JOB TYPE DIU	<u>م</u> ـــــ	HOLE SIZE	77/8"	HOLE DEPT	н <u> </u>	CASING SIZE & V	VEIGHT	
CASING DEPTH	/	DRILL PIPE		TUBING			OTHER	
SLURRY WEIGHT	「	SLURRY VOL_		WATER gal/s	sk	CEMENT LEFT in	CASING	
DISPLACEMENT_		DISPLACEMEN	IT PSI	MIX PSI		RATE S.S.6	pm	
REMARKS: NO	I salet a	vetina je	stablished	circula	bion throw	nh drill c	tool at	1401
mixed + a	when I	5 she s	Ulsa Pozz	nix cen	rent mill	et ad per	- ch falla	in a L
7.5 661s	fresh wat	er, pulled	drill st	elta 4	73' nixed	tamo	1 15 cha	Elen /
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I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form