

Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1070887

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:	S. R East West
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:, (e.gxxx.xxxxx)
Name:	
Wellsite Geologist:	
Purchaser:	Vell #:
Designate Type of Completion:	
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
□ OG □ GSW □ Temp.	Abd. Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
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:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to S	WD Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to P	
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	

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	1070887
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS: Chause important tang of formations paratested	atail all aaraa Banart all final	apping of drill stome tools giving interval tooled, time tool

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	Yes No		-	Formation (Top), Depth ar		Sample	
Samples Sent to Geolog	gical Survey	Yes No	Name	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			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	T (0)				-	

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

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

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

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					e	А		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner Ru	in:	No	
Date of First, Resumed	l Producti	ion, SWD or ENHF	} .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	S.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITION OF GAS: METHOD OF COMPLE			TION:		PRODUCTION IN	FERVAL:				
Vented Solo	J ∏ L	Used on Lease		Open Hole	Perf.	Dually		Commingled		
(If vented, Su	bmit ACC	D-18.)		Other (Specify))	(Submit /		(Submit ACO-4)		

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

Form	ACO1 - Well Completion
Operator	Eternity Exploration, LLC
Well Name	Betty Werth 3
Doc ID	1070887

All Electric Logs Run

Dual Induction
Compensated Density/Neutron
Micro
Sonic

REMIT TO RR 1 BOX 90 D HOXIE KS 67740	SCHIPPERS	OIL FIELD SERVICE L.L.	C.		539
DATE 1024/11SEC. 7	RANGE/TWP. 105-25	W CALLED OUT	ON LOCATION	JOB START	JOB FINISH
1 / /				COUNTY Falas	11.0
LEASE Betty	Werth	WELL# #3			
	1410	OWNER Fernily 5	poratim		
TYPE OF JOB 5 HOLE SIZE /2/	ur Can				
CASING SIZE	T.D. 7/4	CEMENT			
TUBING SIZE	DEPTH 2/8	AMOUNT ORDERED			
DRILL PIPE	DEPTH				
TOOL	DEPTH				17. 19
PRES. MAX	DEPTH			1 22	5 0 1 5
The second	MINIMUM	COMMON	165	@ 15	2557-
DISPLACEMENT	SHOE JOINT	POZMIX		@	
CEMENT LEFT IN CSG.		GEL	3	@ 26	78
PERFS		CHLORIDE	5	@ 52	260-
FOURIMENT		ASC		@	
EQUPIMENT				@	
DUM D TOTICIT				@	
PUMP TRUCK				@	
#				@	
BULK TRUCK				@	
#				@	
BULK TRUCK				(a),	
#				@	
				@	
		HANDLNG	173	@ 2	37/2
and the second second second	La realización securit	MILEAGE	28	a 172	484 4
				TOTAL	
			-	TOTAL	
REMARKS		SERVICE	ace		1
p	1	DEPT OF JOB	ABUC	0	
Lice	(emat	PUMP TRUCK CHARGE		@	ann
	n.,	EXTRA FOOTAGE		@	750
+0	Pit	MILEAGE	78	@ 6-+2	367=
A	2 2 1	MANIFOLD	£ °		201
Plu k	on a lit	S Gir White	Mil End	@	1000
1 0		the beaution	It it and	@ 2	112 -
				TOTAL	
	rity	-			
TREET	STATE				
CITY	ZIP				
o: Sabiana O'I E' I I a		PLUG & FLOAT EQUIPM	ENT		
o: Schippers Oil Field Service LL	С			@	
ou are hereby requested to rent cer	nenting equipment			@	
nd furnish staff to assist owner or c	ontractor to do work			@	
is listed. The above work was dor	e to satisfaction and			@	
pervision of owner agent or contra	ictor. I have read &			@ @	
nderstand the "TERMS AND CON	DITIONS" listed				
the reverse side.		TAX		TOTAL	
		TOTAL CHARGE			
		DISCOUNT (IF PAID IN 20 D.	AYS)		
		(
	A CONTRACTOR OF	Long to the second seco	Distant of		

Schippers Oilfield Services LLC	2
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RR 1 Box 90D Hoxie, KS 67740

Invoice

Date 10/24/2011

Invoice # 539

Phone # 785-675-8974 sosllc@ruraltel.net Fax # 785-675-9938

Bill To Eternity Exploration, LLC 338 Spyglass Drive Coppell, TX. 75019

P.O. # Betty Werth #3
Terms Net 30

Ship Date	10/24/2011
Due Date	11/23/2011

Other

Ship To

ltem	Description	Qty	Price	Amount
Cement Gel chloride Handling of mater Mileage and labor Pump truck charge Pump truck mileage Light vehicle mile	Common calcium chloride per sack Tri- plex pump charge To and From location	165 3 5 173 28 56 56	15.50 26.00 52.00 2.15 17.00 950.00 6.50 2.00	2,557.50T 78.00T 260.00T 371.95 476.00 950.00 364.00 112.00
TAKE 10% DISCOUNT II	F PAID WITHIN 20 DAYS. DEDUCT FROM TOTAL.	Subtotal	Pd.11	-15-11 A # 152 \$5,169.45
		Sales Tax	(5.55%)	\$160.70
Schippers Oilfield Serv	icos LLC	Total	о то -	\$5,330.15
Press officer Sch		Payments	/Credits	\$0.00
		Balance D	ue (0000)	\$5,330.15 10 -533.01 4,797.14
		Tunical 4n	Beth Warth +	#3 DHT

(DELIDATED	REMIT TC Consolidated Oil Well S Dept. 970 P.O. Box 434 Houston, TX 7721	ervices, LLC 16	F Chanut 620/431-9210 • 1-80	MAIN OFFICE 2.O. Box 884 e, KS 66720 00/467-8676 20/431-0012
INVOI						Invoice #	
Invoi	.ce I	ate: 10/	31/2011 '	Terms: 10/10/30,n/3	0	D	1 000
	338 COPF	NITY EXPI SPY GLASS ELL TX 7) -	DRIVE	33 7 - 1	TTY WERTH #3 688 105-25W -31-2011 S	3	
Part 1126 1131 1118B 1107 1142A 1144G 4277 4159 4130 4104	Numb		Descript OIL WEL 60/40 PC PREMIUM FLO-SEA KCL SUB MUD FLUS DV TOOL FLOAT SE CENTRAL	L CEMENT DZ MIX GEL / BENTONITE L (25#) MB6875 CC3107 (1 SH (SALE) SIZE 5 1/2" (STA HOE AFU 5 1/2" IZER 5 1/2" BASKET 5 1/2"	Qty 175.00 430.00 3322.00 107.50 2.00 1000.00 1.00	Unit Price 21.4800 14.3500 2.6600 39.1000 1.0000 3850.0000 413.0000 58.0000	Tota 3759.0 6170.5 797.2 285.9 78.2 1000.0 3850.0 413.0 580.0 552.0
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Labor:	17485.93 1 .00 1 -2213.03 s	Misc:	.00	Tax: Total: Change:	1188.1 21105.4 .(21105.46
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					1110	piced to be	ty Werth# 3
Signed_						Date	etion
						Date	
BARTLESVILLE, OK 918/338-0808	ELDORADO, KS 316/322-7022	Eureka, Ks 620/583-7664	GILLETTE, WY 307/686-4914	Oakley, KS 785/672-2227	Оттаwа, Ks 785/242-4044	THAYER, Ks 620/839-5269	WORLAND, WY 307/347-4577

	ONSOLIDATI	11	0	ſ	TICKET NUM	-	3688
	Oil Well Services, L	ure (i	ARACE		LOCATION &		<u> </u>
C Developeration					FOREMAN	- FI	zabe (
20-431-9210	hanute, KS 66720 or 800-467-8676		CET & TREA		ω μοστ	alt Din	let 1
DATE	CUSTOMER #	WELL NAME & N		SECTION	TOWNSHIP	Davior-	_ K5
10-31-11	8717 Br	etty werty		SECTION		RANGE	COUNTY
CUSTOMER	<u> </u>	/		The survey of	105	250	Graham
	Hernity ES	xpl.	5tudley	TRUCK #	DRIVER	TRUCK #	DRIVER
ALLING ADDRE	-55		3/200	399	RalinH		BRITER
TY	STA	TE ZIP CODE	- Sinto	566	COLAD		
	SIA	IE ZIP CODE	U III	460	Miless		
OB TYPE	201 0			566	CODYR		
ASING DEPTH	1/000	E SIZE 7/4	HOLE DEPTH	4079	CASING SIZE & W		
LURRY WEICH	T 148, 112 SLUF		TUBING			OTHER RE	02181
ISPLACEMENT			WATER gal/sl	(CEMENT LEFT in	CASING	
			MIX PSI	· · · · · · · · · · · · · · · · · · ·	RATE		
CCULO	Hety Meet	ing Rigge	<u>dupon</u>	WOOW d	rillinge t	topled 4	ip to
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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.

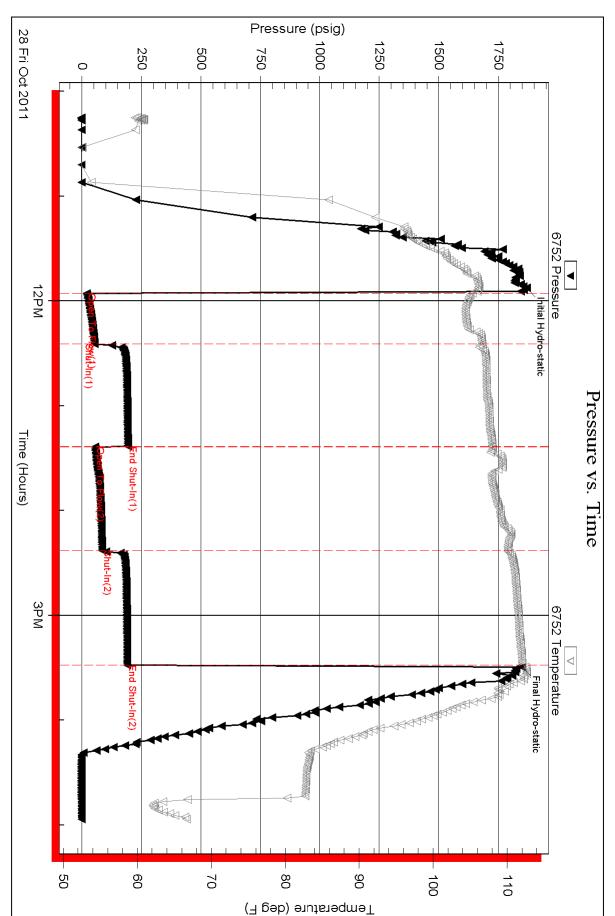
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RILOBITE	Eternity Exploration		7 109	s 25w (Graham K	ís.	
ESTING , INC	338 Spyglass Dr. Coppell Tx. 75019		-	/ Wert l cket: 04		DST#:1	
	ATTN: Scott Alberg				11.10.28 @	-	
GENERAL INFORMATION:							
Formation:LKC-B,CDeviated:NoWhipstock:Time Tool Opened:11:55:30Time Test Ended:16:56:30	ft (KB)		Test 1 Teste Unit N	r: C	Bottom Hole (Chuck Kreutz 36		
Interval:3764.00 ft (KB) To38Total Depth:3860.00 ft (KB) (TVHole Diameter:7.88 inchesHole			Refer	ence Ele KB to	vations: o GR/CF:	2550.00 2545.00 5.00	ft (CF)
Serial #: 6752 Inside Press@RunDepth: 85.21 psig Start Date: 2011.10.28 Start Time: 10:15:05	@ 3765.00 ft (KB) End Date: End Time:	2011.10.28 16:56:29	Capacity: Last Calib.: Time On Bt		2 2011.10.28 @	8000.00 2011.10.28 2 11:52:30	psig
Pressure vs. T: C7/2 Pressure [//mii/voi/twic	me 8762 Temperature Final Monorate:	Time	PRE	ESSUR Temp	E SUMMA Annotation		
	5752 Temperature	Time					
	110	(Min.) 0 3	1867.92	(deg F) 106.08 105.26	Initial Hydro Open To Flo		
		32 91	52.82	106.61	Shut-In(1) End Shut-In		
			85.21	110.05	Open To Flo Shut-In(2)		
		216 217	190.43 1848.41	112.02 112.43	End Shut-In Final Hydro		
0	рисения — 60 рисения — 66 						
L	ST M						
E Fri Oct 2011 TZPM Time (Hours) Recovery			<u> </u>	Gas	s Rates		
SFII Oct 2011 Time (Hours) Recovery Length (ft) Description	Volume (bbl)			Gas Choke (ir		e (psig) Ga	s Rate (Mcf/d)
Fri Oct 2011 Time (Hours) Recovery	Volume (bbl)					e (psig) Ga	s Rate (Mcf/d)
Firl Det 2011 Time (Hours) Recovery Length (ft) Description	Volume (bbl)					e (psig) Ga	s Rate (Mct/d)
SFII Oct 2011 Time (Hours) Recovery Length (ft) Description	Volume (bbl)					e (psig) Ga	s Rate (Mcf/d)

		DRI	LL STEM TEST RE	PORT	-	F	LUID SU	JMMAR
	RILUBITE	Eternity	/ Exploration		7 10s 25w	Graham Ks.		
	RILOBITE	338 Sp	yglass Dr.		Betty We	rth		
			I Tx. 75019		Job Ticket: (DST#:1	
		ATTN:	Scott Alberg		Test Start: 2	2011.10.28 @ 10	:15:00	
Nud and Cu	shion Information	Į						
• •	el Chem		Cushion Type:			Oil A PI:		deg API
Nud Weight:	9.00 lb/gal		Cushion Length:		ft	Water Salinity:		ppm
/iscosity:	69.00 sec/qt		Cushion Volume:		bbl			
Nater Loss: Resistivity:	6.40 in ³ ohm.m		Gas Cushion Type: Gas Cushion Pressure:		ncia			
Salinity:	1900.00 ppm		Gas cushion Pressure.		psig			
Filter Cake:	2.00 inches							
Recovery In	formation							
			Recovery Table			-		
	Leng ft		Description		Volume bbl			
		150.00	mud w ith oil specs-100%m		0.993	3		
	Total Length:	150	0.00 ft Total Volume: 0	0.993 bbl				
	Num Fluid Sam		Num Gas Bombs: 0		Serial #	÷		
	Laboratory Nar		Laboratory Location:					
	Recovery Com	ments.						

Printed: 2011.10.29 @ 09:11:17

Ref. No: 041973

Trilobite Testing, Inc



Betty Werth

Serial #: 6752

Inside

Bernity Exploration

DST Test Number: 1

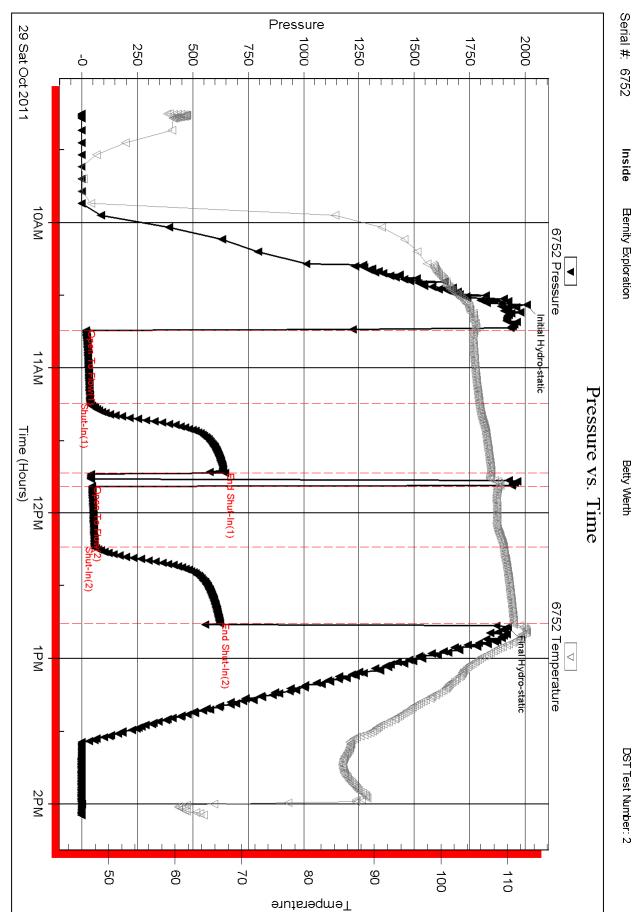
RILOBITE	DRILL STEM T	ES	I REPO	JRI				
TECTING IN	Eternity Exploration			7 1	0s 25w (Grahan	n Ks .	
ESTING , INC.	338 Spyglass Dr. Coppell Tx. 75019				tty Wert Ticket: 04		DST#:	2
	ATTN: Scott Alberg						@ 09:15:00	
GENERAL INFORMATION:								
Formation:LKC-H,IDeviated:NoWhipstock:Time Tool Opened:10:44:30Time Test Ended:14:04:30	ft (KB)			Tes	ter: (ole (Reset) eutzer Jr.	
Interval:3925.00 ft (KB) To397Total Depth:3977.00 ft (KB) (TVHole Diameter:7.88 inches Hole				Ref	erence Ele KB t	evations: o GR/CF:	2545.00	. ,
Serial #: 6752 Inside Press@RunDepth: 56.99 psig Start Date: 2011.10.29 Start Time: 09:15:05	 3926.00 ft (KB) End Date: End Time: 		2011.10.29 14:04:29	Capacity Last Cali Time On Time Off	b.: Btm: 2		8000.00 2011.10.29 29 @ 10:34:00 29 @ 12:47:00	
FSI: No blow bac	over 30 mins. Veak blow died in sec. over 30 mins.							
Pressure vs. Ti 5762 Pressure	me 호 6752 Temperature	-	Time		RESSUR			
		- 110	Time (Min.)	Pressure (psig)	Temp (deg F)	Annota	ation	
		- 100	0 11	2006.13 18.73	104.10 104.99	-	/dro-static c Flow (1)	
			41	36.97	104.99	Shut-In(
		- 90	70	646.10		End Shu	. ,	
		Temperature 8	75 100	45.45 56.99	108.63 109.41	Open To Shut-In(o Flow (2)	
760			132	621.90	110.96	End Shu		
- / -	(0)	- 70 - 60	133	1921.23	112.44	Final Hy	dro-static	
500 200 -0 -0 -0 -0 -0 -0 -0 -0 -0	ринисо М 1РМ 2РМ	- 50						
		- 50			Ga	s Rates		
250 0 0 0 10 4 10 4 11 4 11 4 11 4 11 4 11 4 11 4 11 11		- 60			Ga: Choke (i			as Rate (Mcf/d)
200 0 0 0 0 0 0 0 0 0 0 0 0	м 1РМ 2РМ	- 50						as Rate (Mcf/d)
200 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	M 1PM 2PM	- ∞						as Rate (Mcf/d)

an-	RILOBITE	DRI	LL STEM TEST F	REPORT	-		FLUID S	UMMARY
		Eternity	Exploration		7 10s 25w	Graham K	S.	
	ESTING , INC.		yglass Dr. Tx. 75019		Betty Wer		DST#:2	
		ATTN:	Scott Alberg			011.10.29 @ (
Mud and Cu	shion Information							
	el Chem		Cushion Type:			Oil A PI:		deg API
Mud Weight:	9.00 lb/gal		Cushion Length:		ft	Water Salinity	:	ppm
Viscosity:	69.00 sec/qt		Cushion Volume:		bbl			
Water Loss:	6.38 in ³		Gas Cushion Type:		n e i e			
Resistivity: Salinity:	ohm.m 1900.00 ppm		Gas Cushion Pressure	:	psig			
Filter Cake:	2.00 inches							
Recovery In	formation							
	r		Recovery Table			7		
	Lengt ft	h	Description		Volume bbl			
		70.00	mud w ith oil specs		0.344			
	Total Length:	70.	.00 ft Total Volume:	0.344 bbl				
	Num Fluid Samp	les: 0	Num Gas Bombs:	0	Serial #	:		
	Laboratory Nam		Laboratory Location	ו:				
Trilobite Test	ting, Inc.	Re	ef.No: 041974		Printed	: 2011.10.30 @	0 13:31:49	

Printed: 2011.10.30 @ 13:31:50

Ref. No: 041974

Trilobite Testing, Inc



DST Test Number: 2

Serial #: 6752 Inside Bernity Exploration

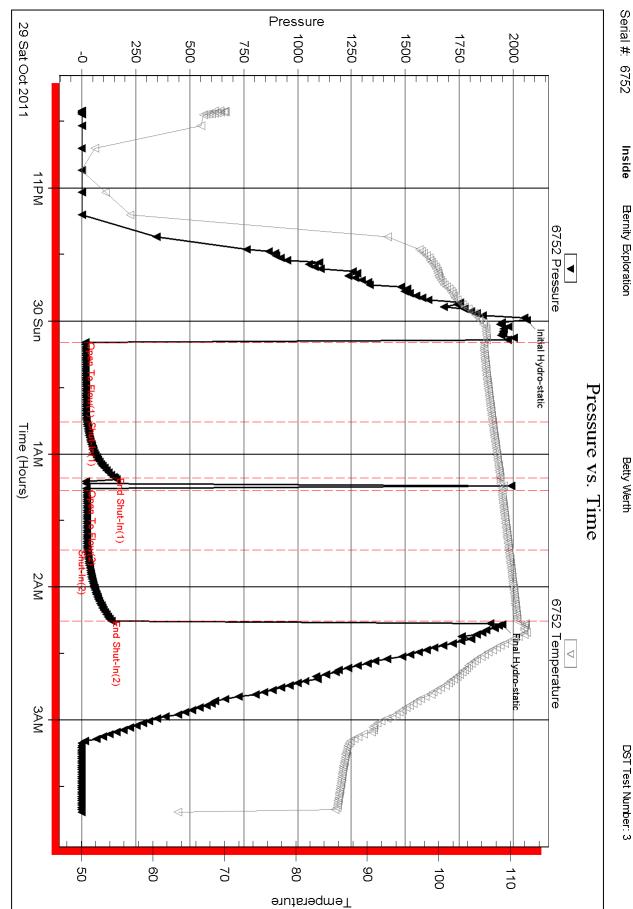
RILOBITE	DRILL STEM TES	ST REP	ORT				
	Eternity Exploration		7 10)s 25w G	Braham	Ks.	
ESTING , INC.	338 Spyglass Dr. Coppell Tx. 75019			ty Werth Ticket: 041		DST#	:3
	ATTN: Scott Alberg					@ 22:25:00	-
GENERAL INFORMATION:							
Formation:LKC-J,KDeviated:NoWhipstock:Time Tool Opened:00:09:30Time Test Ended:03:41:30	ft (KB)		Test Test Unit	er: C	huck Kre	le (Reset) utzer Jr.	
Interval:3976.00 ft (KB) To40Total Depth:4018.00 ft (KB) (TVHole Diameter:7.88 inches Hole			Refe	erence Elev KB to	vations:	2545.0	0 ft (KB) 0 ft (CF) 0 ft
Serial #: 6752 Inside Press@RunDepth: 25.04 psig Start Date: 2011.10.29 Start Time: 22:25:05	End Date: End Time:	2011.10.30 03:41:29	Capacity: Last Calit Time On F Time Off	o.: Btm: 20		8000.0 2011.10.3 9 @ 23:59:3 0 @ 02:17:0	0
TEST COMMENT: IF: Weak blow , di ISI: No blow back FF: Flushed tool, FSI: No blow bac	over 30 mins. Weak blow , Died in secs.						
Pressure vs. Ti 0752 Pressure	me 호 5752 Temperature		PF	RESSURI			
		Time (Min.) 0 10 46 72 77 104 136 138	Pressure (psig) 2061.41 16.50 22.38 153.97 22.10 25.04 136.53 1947.79	106.30 107.48 108.59 108.81 109.78 110.98	Open To Shut-In(1 End Shut Open To Shut-In(2 End Shut	dro-static Flow (1) I) t-ln(1) Flow (2) 2)	
s Sart Oct 2011 11PM 30 San 14M Time (Hours) Recovery	2AM 3AM			Gas	Rates		
Length (ft) Description	Volume (bbl)			Choke (inc		ssure (psig)	Gas Rate (Mcf/d)
10.00 mud	0.05			•			
* Recovery from multiple tests Trilobite Testing, Inc	Ref. No: 041975			Delate - 1- 1	014 40 2	30 @ 13:32:2	26

	RILOBITE	DRI	LL STEM TEST R	EPORT	-	I	FLUID SI	JMMARY
1 Martin		Eternity	y Exploration		7 10s 25w	Graham Ks.		
	ESTING , INC.		byglass Dr. Il Tx. 75019		Betty Wer		DST#:3	
		ATTN:	Scott Alberg			011.10.29 @ 22		
Mud and Cu	shion Information							
	el Chem		Cushion Type:			Oil A PI:		deg API
Mud Weight:	9.00 lb/gal		Cushion Length:			Water Salinity:		ppm
Viscosity:	69.00 sec/qt		Cushion Volume:		bbl			
Water Loss:	6.39 in ³		Gas Cushion Type:					
Resistivity:	ohm.m		Gas Cushion Pressure:		psig			
Salinity: Filter Cake:	1900.00 ppm 2.00 inches							
Recovery Inf	formation							
-			Recovery Table			_		
	Leng ft	th	Description		Volume bbl			
		10.00	mud		0.049			
	Total Length:	10	0.00 ft Total Volume:	0.049 bbl				
	Num Fluid Samp	oles: 0	Num Gas Bombs:	0	Serial #:			
	Laboratory Nan		Laboratory Location	1:				
	Recovery Com	ments:						

Printed: 2011.10.30 @ 13:32:27

Ref. No: 041975

Trilobite Testing, Inc



Inside Bernity Exploration

Betty Werth

DST Test Number: 3

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

December 26, 2011

Carlo A. Ugolini Eternity Exploration, LLC 338 Spyglass Dr Coppell, TX 75019-5430

Re: ACO1 API 15-065-23780-00-00 Betty Werth 3 NE/4 Sec.07-10S-25W Graham 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, Carlo A. Ugolini

SUPERIOR WELL SERVICES	SUPERIOR Hays, Kansas	S S S S S S S S S S S S S S S S S S S	
	Company	ETERNITY EXPLORATION, LLC.	
, LLC.	Well	BETTY WERTH #3	
ATION	Field	GURK NORTH	
TH #3	County	GRAHAM State KANSAS	
WER NORT .M	Location:	API # : 15-065-23780 Other Services	
ETERN BETTY GURK I GRAHA KANSA		990' FNL & 1650' FEL SONIC/MEL	
	G	SEC 7 TWP 10S RGE 25W Elevation	
company Vell ield county tate	Permanent Datum Log Measured From	m KELLY BUSHING 5' A.G.L.	
Date		\rightarrow	
Run Number		ONE	
Depth Driller		4079	
Bottom Logger		407 × 400 × 400 ×	
Top Log Interval		00	
Casing Driller		218	1
Casing Logger		218	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.2 / 48	
pH / Fluid Loss			
Rm @ Meas. Temp		0.85 @ 90F	
Rmf @ Meas. Temp		0.64 @ 90F	
Rmc @ Meas. Temp		1.02 @ 90F	1
Source of Rmf/Rmc		MEASURED	1
Rm @ BHI	<u>}</u>		
Time Circulation Stopped		2:15 P.M.	>>>
Maximum Recorded Temperature	emperature	115F	Here
Equipment Number		860	old I
Location Recorded By		RUDD RUDD	<< F
Witnessed By		SCOTT ALBERG	

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

SUPERIOR WELL SERVICES 785-628-6395 THANK YOU FOR YOUR BUSINESS DIRECTIONS: ST. PETER, 1N TO RD. F, 3 1/2W, S INTO.

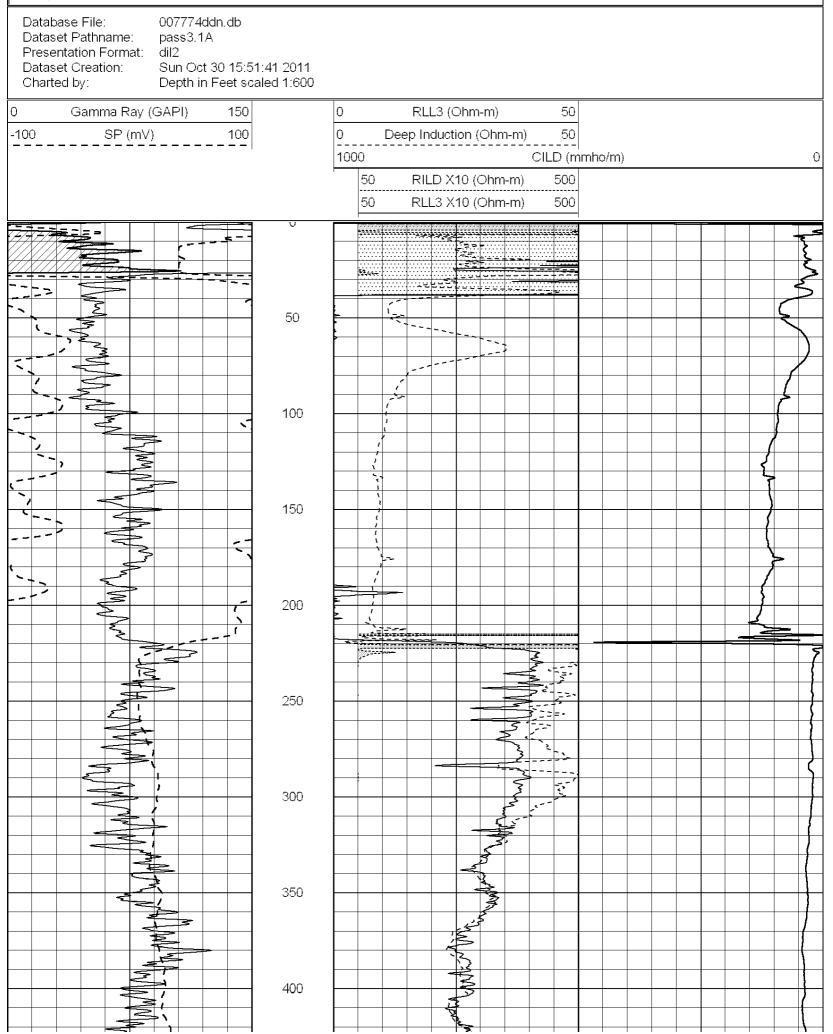


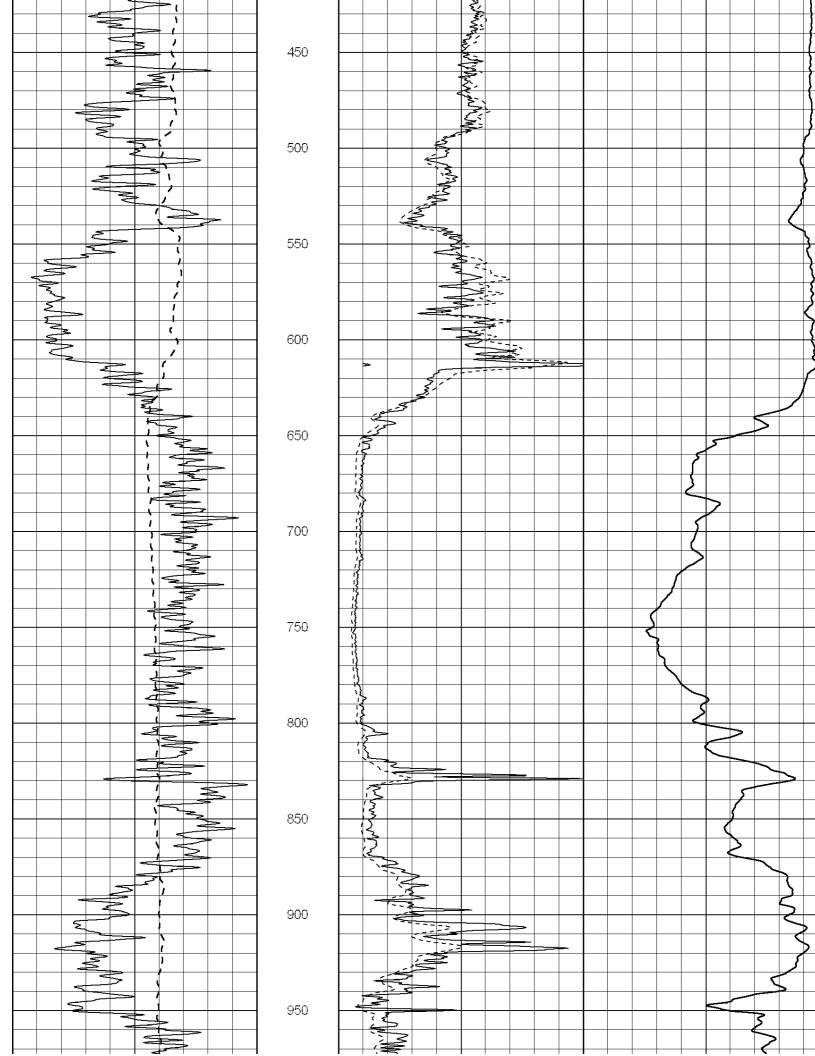
SUPERIOR Hays,

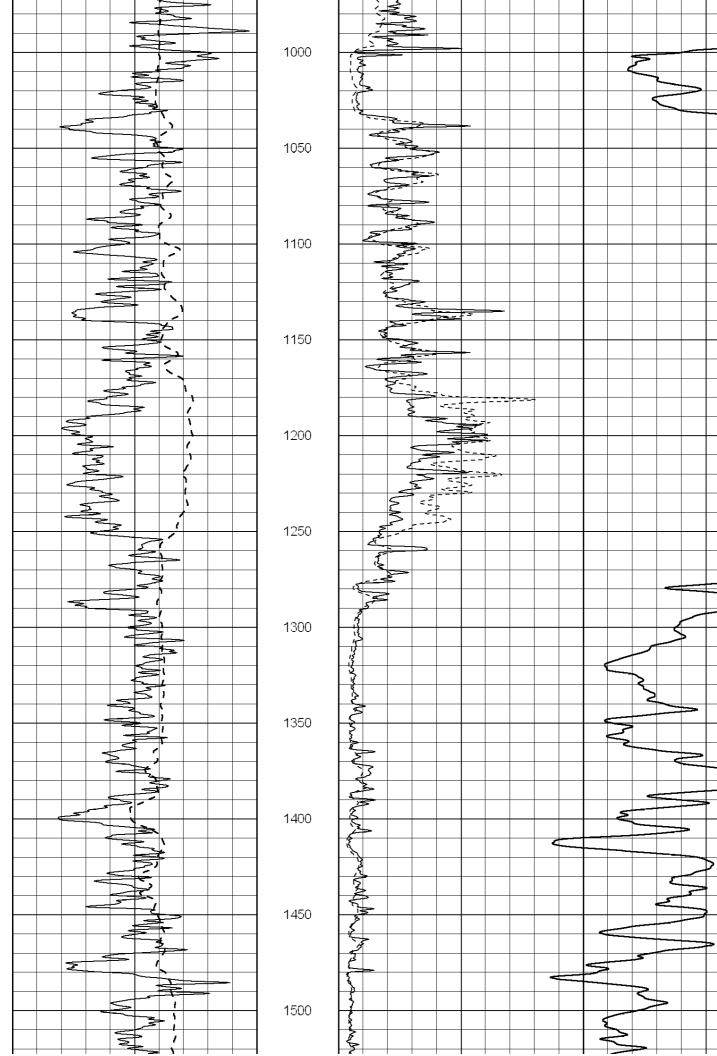




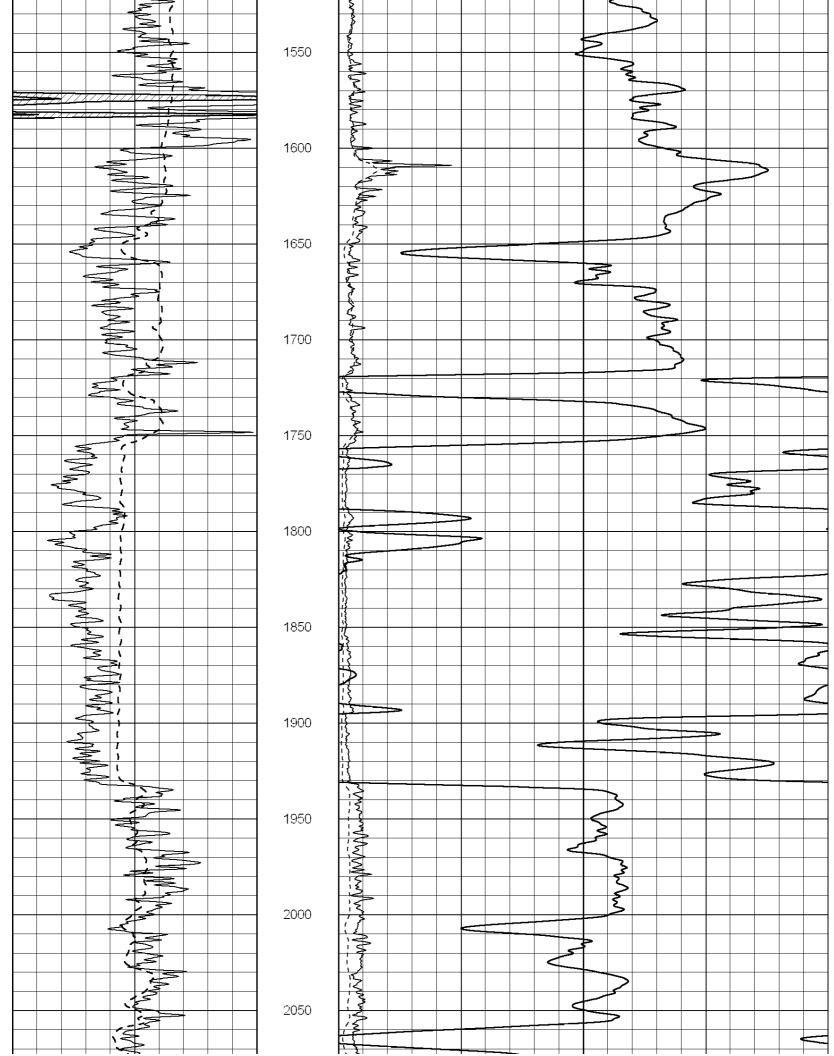
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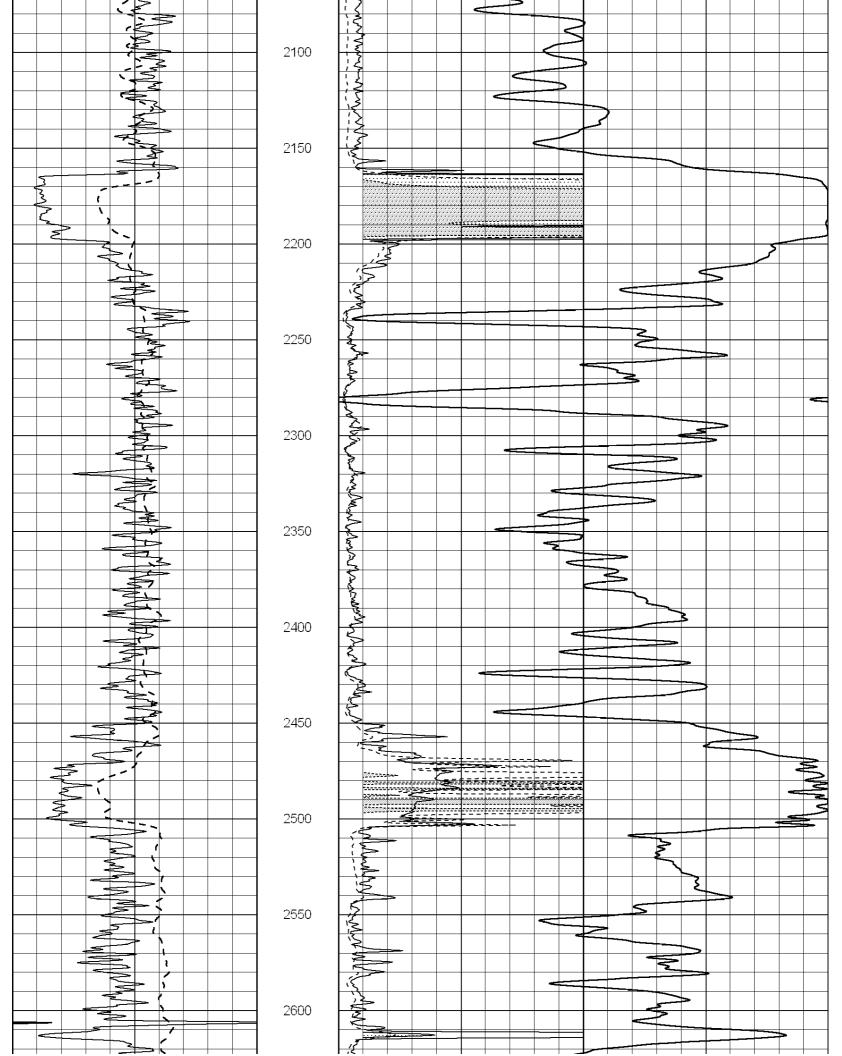


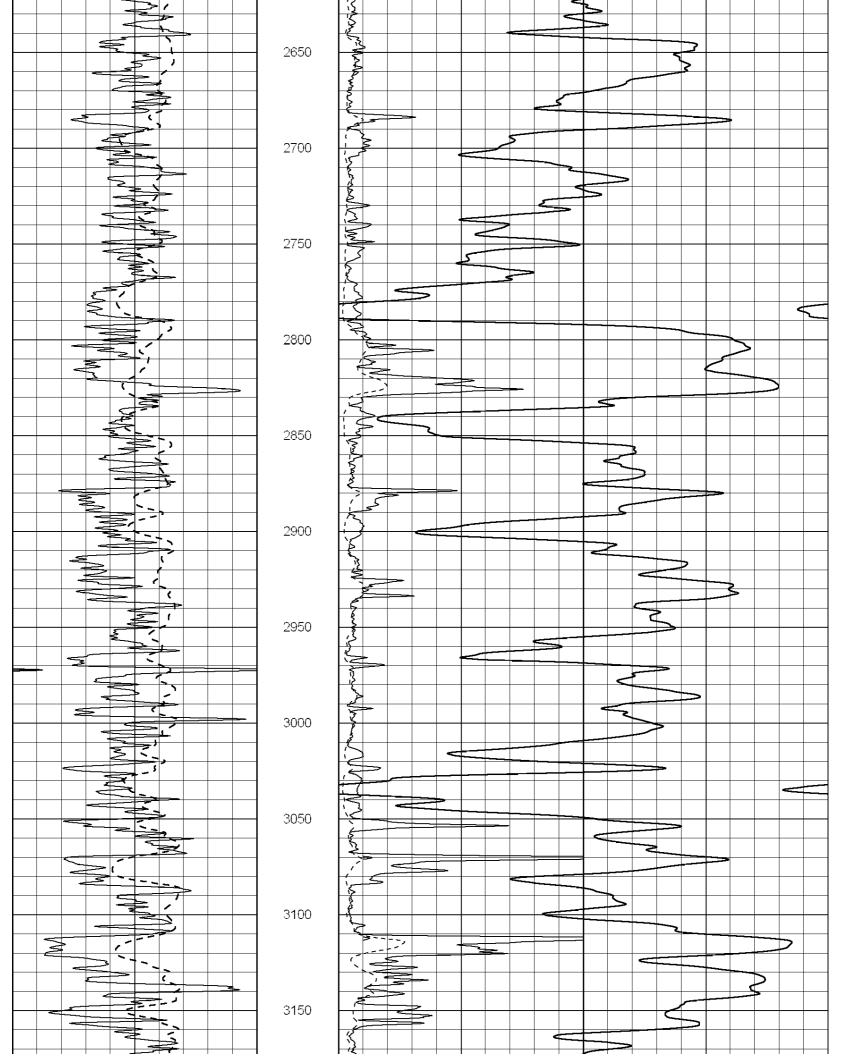


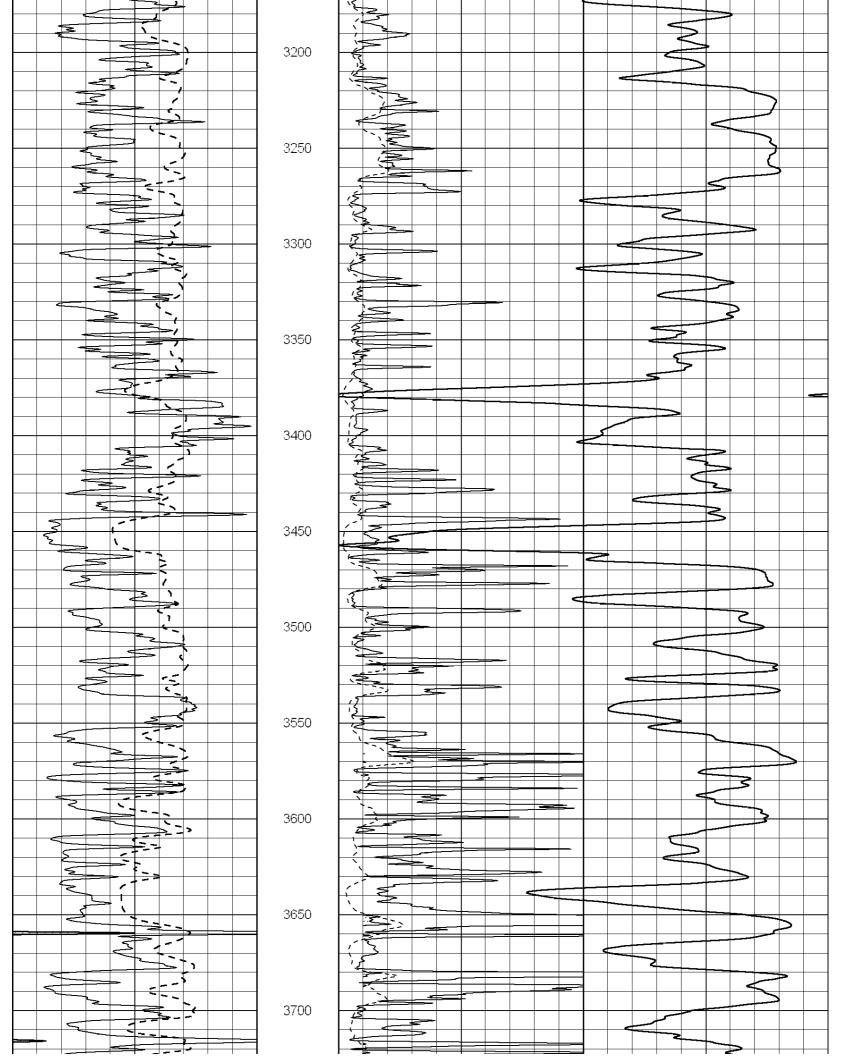


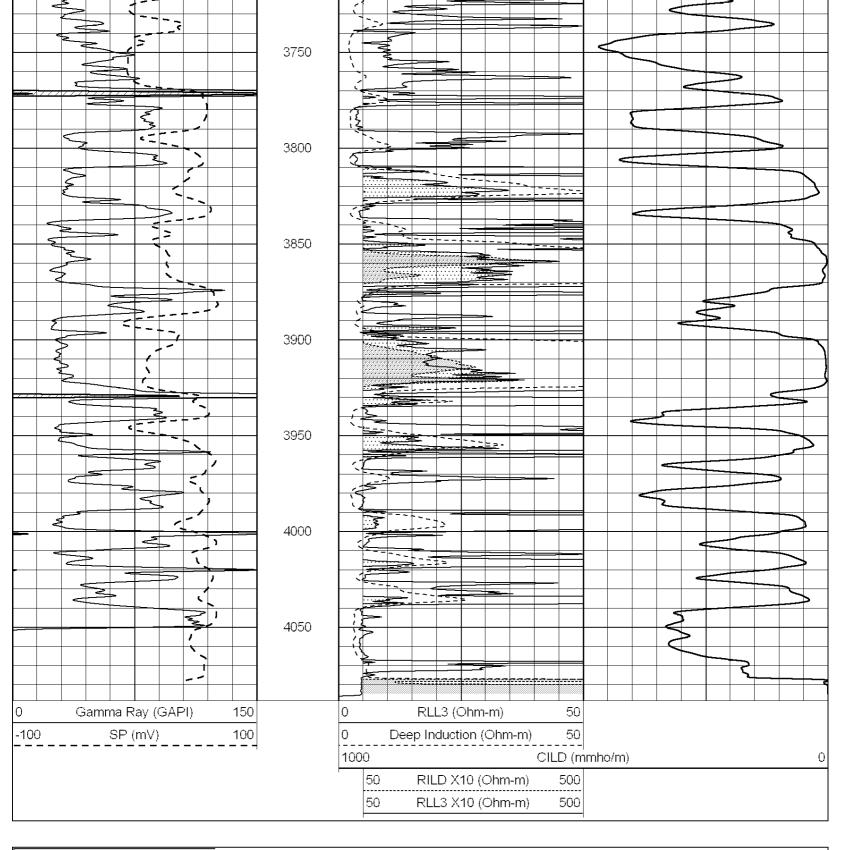
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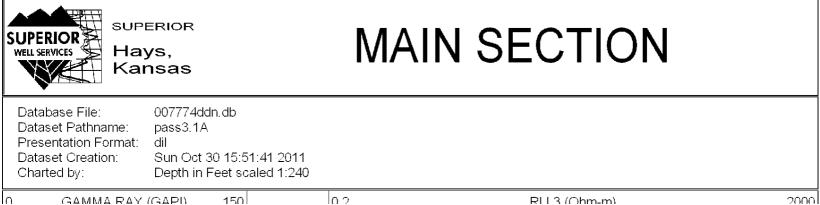


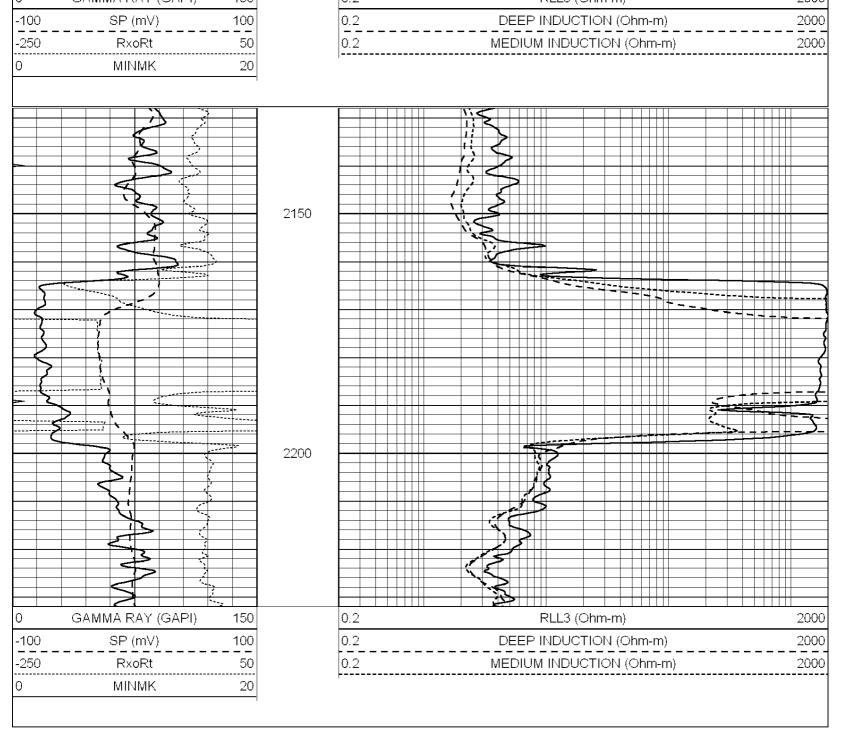










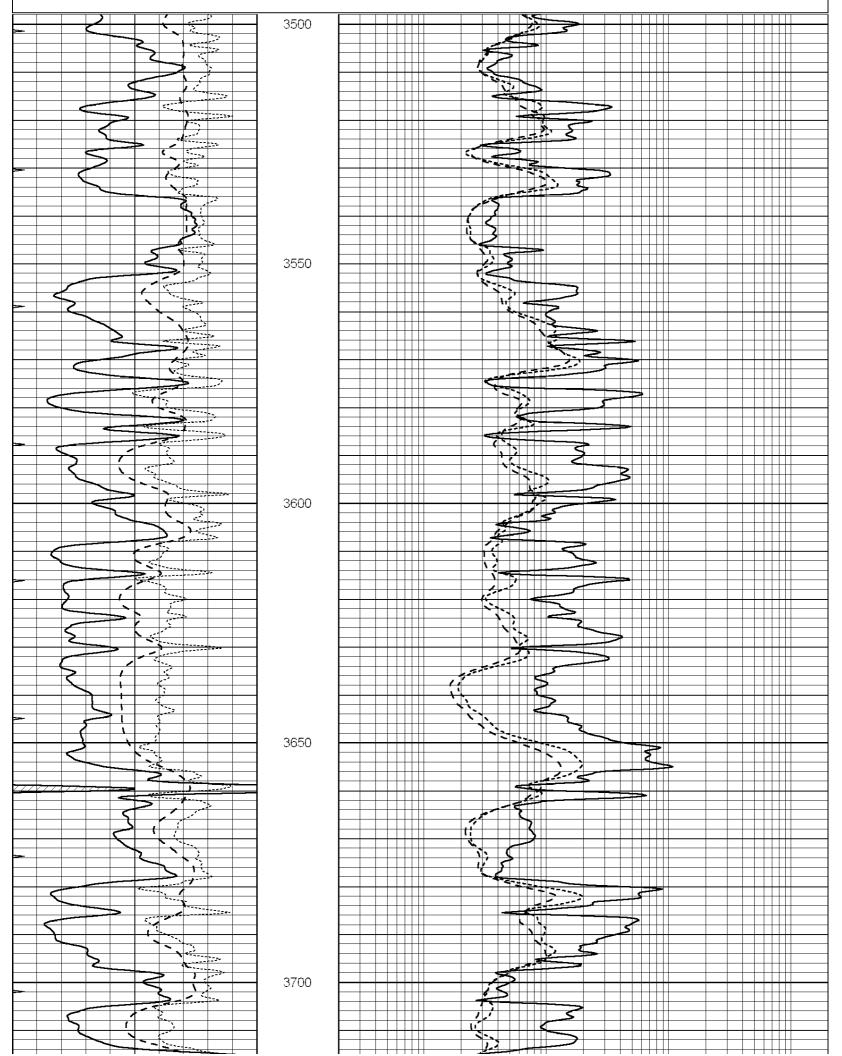


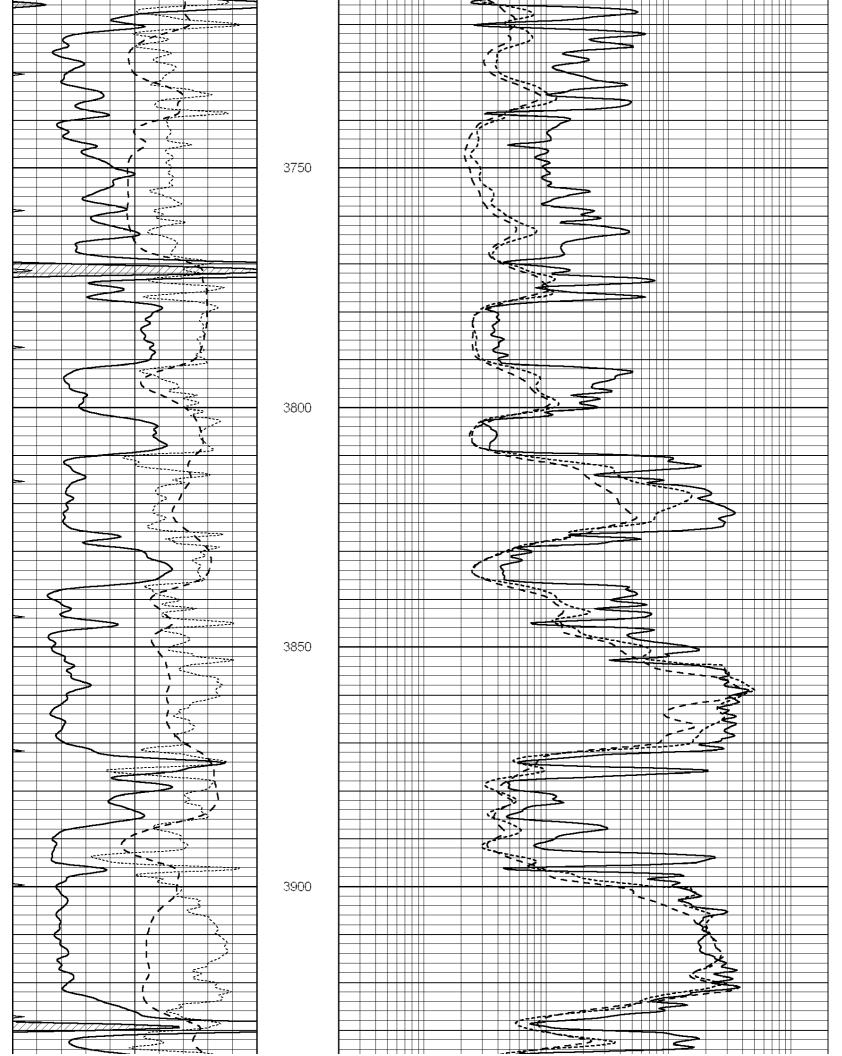


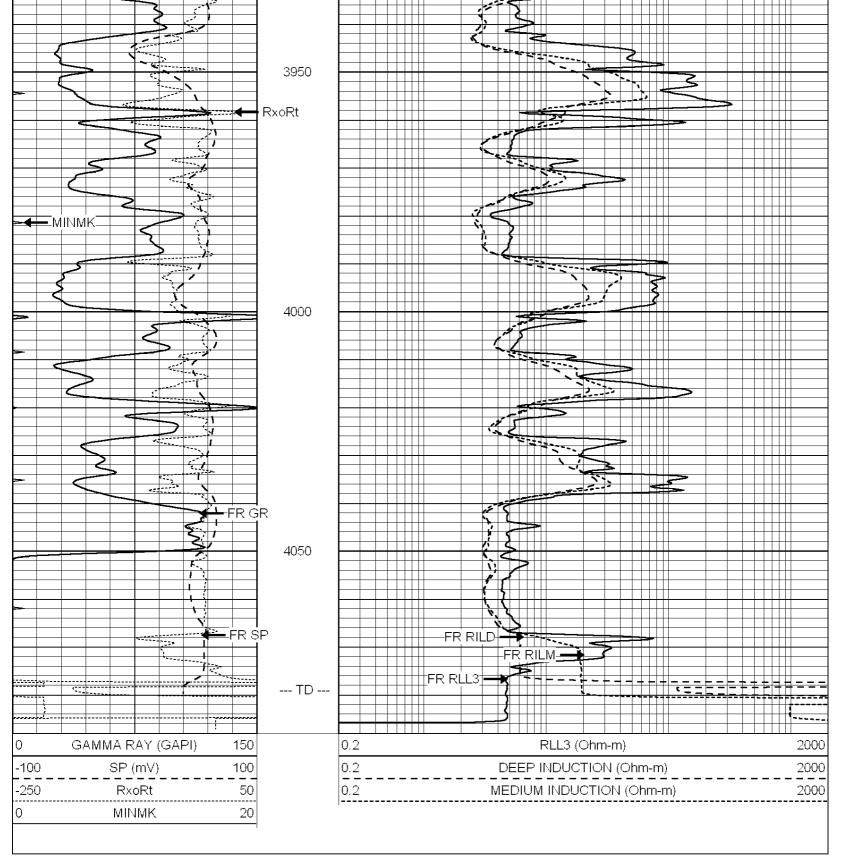
superior Hays, Kansas

MAIN SECTION

	· · · · · · · · · · · · · · · · · · ·						
Data Pres Data	abase File: aset Pathname: sentation Format: aset Creation: arted by:	007774dd pass3.1A dil Sun Oct 3 Depth in F	0 15:51:				
0	GAMMA RAY	(GAPI)	150	(0.2	RLL3 (Ohm-m)	2000
-100	SP (mV	')	100	[0.2	DEEP INDUCTION (Ohm-m)	2000
-250	RxoRt		50	(0.2	MEDIUM INDUCTION (Ohm-m)	2000
0	MINMK	, ,	20	1-			









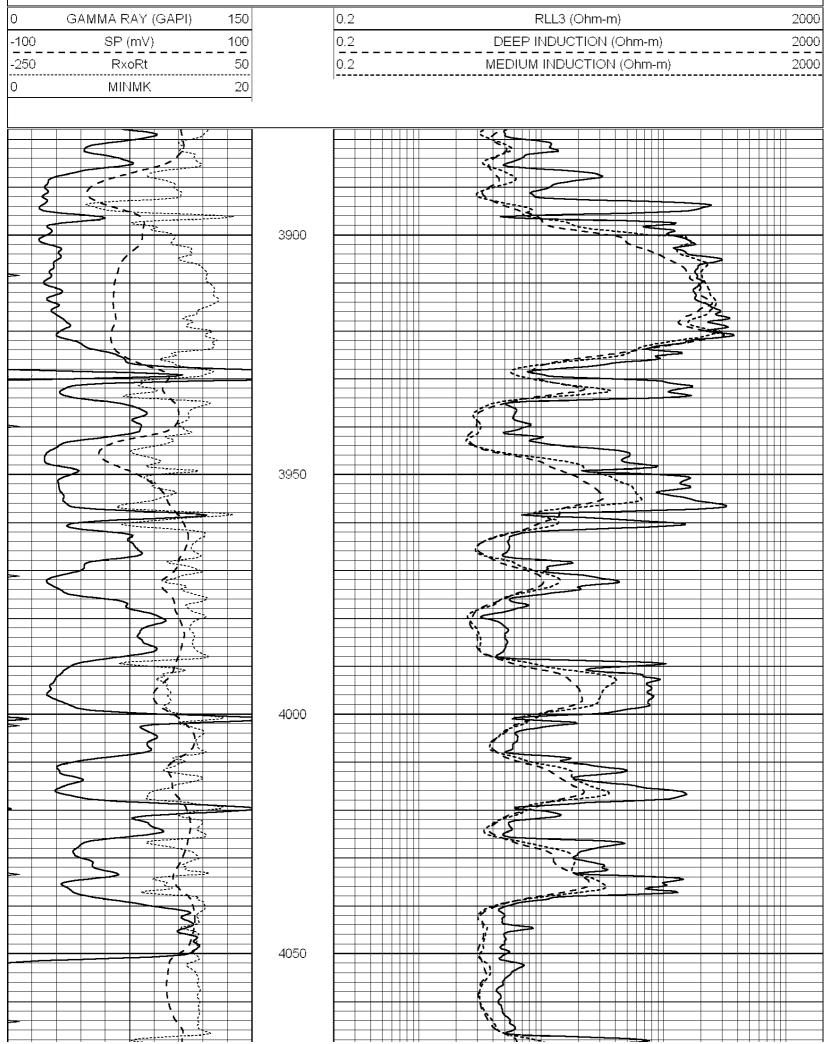
superior Hays, Kansas

REPEAT SECTION

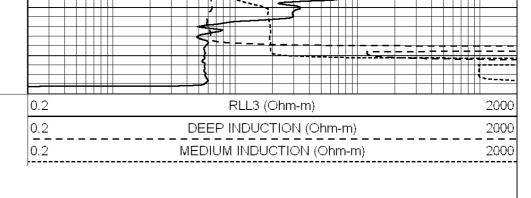
Database File: Dataset Pathname: Presentation Format: Dataset Creation: 007774ddn.db pass2.A dil Sun Oct 30 15:54:23 2011



Depth in Feet scaled 1.240



					<u>}</u>	 		
							<u></u>	
·····								
0	Gł	۱M	1A R	AY I	(GAI	⊇I)		150
-100			SP ((mV)				100
-250			50					
0			20					



				Calibratio	n Report				
Database File: Dataset Pathname: Dataset Creation:	007774dd pass3.1A Sun Oct 3	n.db 0 15:51:41 20	11						
			Dual Ir	nduction Ca	libration	Report			
	Serial- Perfor	Model: med:				L5-GEAR un Oct 30 14:	:07:09 2011		
		Readings			F	References		Res	ults
Loop:	Air	Loop		Ai	r	Loop		m	b
Deep Medium	0.004 -0.005	0.654 0.737	V V		0.000 0.000	400.000 462.500	mmho/m mmho/m	530.000 550.000	-18.000 -14.000
Internal:	Zero	Cal		Zei	0	Cal		m	b
Deep Medium	0.006 0.010	0.655 0.747	V V		0.000 0.000	400.000 462.500	mmho/m mmho/m	615.668 627.607	-3.483 -6.064
			Compensa	ated Densit	y Calibra	ition Report			
	Source	Model: e / Verifier: r Calibration F	Performed:		14	EAR1-GEAR 17 / 147 un Oct 30 14:			
Master Calibratio	n								
		Density			Fa	r Detector	Near Dete	ector	
Magnesium Aluminum		1.710 2.590	g/cc g/cc			1243.76 282.16	629 435		
		Spine Angle	= 76.03		De	ensity/Spine	Ratio = 0.576		
		Size			I	Reading			
Small Ring Large Ring		8.70 14.00	in in			3.15 4.72	V V		
			Compensa	ited Neutro	n Calibra	ation Report			
			Serial Num Tool Model		NI G	JE_2I			
CALIBRAT	ION								
D	etector		Readings		Target		Normaliz	ation	
	hort Space ong Space			cps cps	1.00 1.00	cps cps	1.0000 1.0000		

	Gamma Ray Calibration Report								
Serial Number: Tool Model: Performed:	GR5 OPEN Sun Oct 30 1-	4:25:40 2011							
Calibrator Value:	1.0	GAPI							
Background Reading: Calibrator Reading:	0.0 1.0	cps cps							
Sensitivity:	0.6500	GAPI/cps							

SUPERIOR WELL SERVICES	SUPERIOR Hays, Kansas	S S S S S S S S S S S S S S S S S S S
	Company	ETERNITY EXPLORATION, LLC.
, LLC.	Well	BETTY WERTH #3
ATION	Field	GURK NORTH
ГН #3	County	GRAHAM State KANSAS
WER NORT .M	Location:	API # : 15-065-23780 Other Services
ETERN BETTY GURK I GRAHA KANSA		990' FNL & 1650' FEL SONIC/MEL
	(J)	SEC 7 TWP 10S RGE 25W Elevation
ompany /ell eld ounty tate	Permanent Datum Log Measured From	m GROUND LEVEL Elevation 2545 K.B. 2550 rom KELLY BUSHING 5' A.G.L. D.F.
		\rightarrow
Run Number		ONE
Depth Driller		4079
Depth Logger	-	4079
Top Log Interval		3500
Casing Driller		218
Casing Logger		218
Bit Size Tyne Fluid in Hole		
Density / Viscosity		9.2 / 48
pH / Fluid Loss		10.5 / 7.2
Source of Sample		FLOWLINE
Rm @ Meas. Lemp		
Rmc @ Meas. Temp		1.02 @ 90F
Source of Rmf / Rmc		MEASURED
Rm @ BHT		.670 @ 115F
Time Circulation Stopped	° ed	2 HOURS
Maximum Recorded Temperature	emperature	115F
Equipment Number		860
Location		HAYS, KS.
Kecorded By Witnessed By		SCOTT ALRERG
VAIULESSED DY		

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

SUPERIOR WELL SERVICES 785-628-6395 THANK YOU FOR YOUR BUSINESS DIRECTIONS: ST. PETER, 1N TO RD. F, 3 1/2W, S INTO.

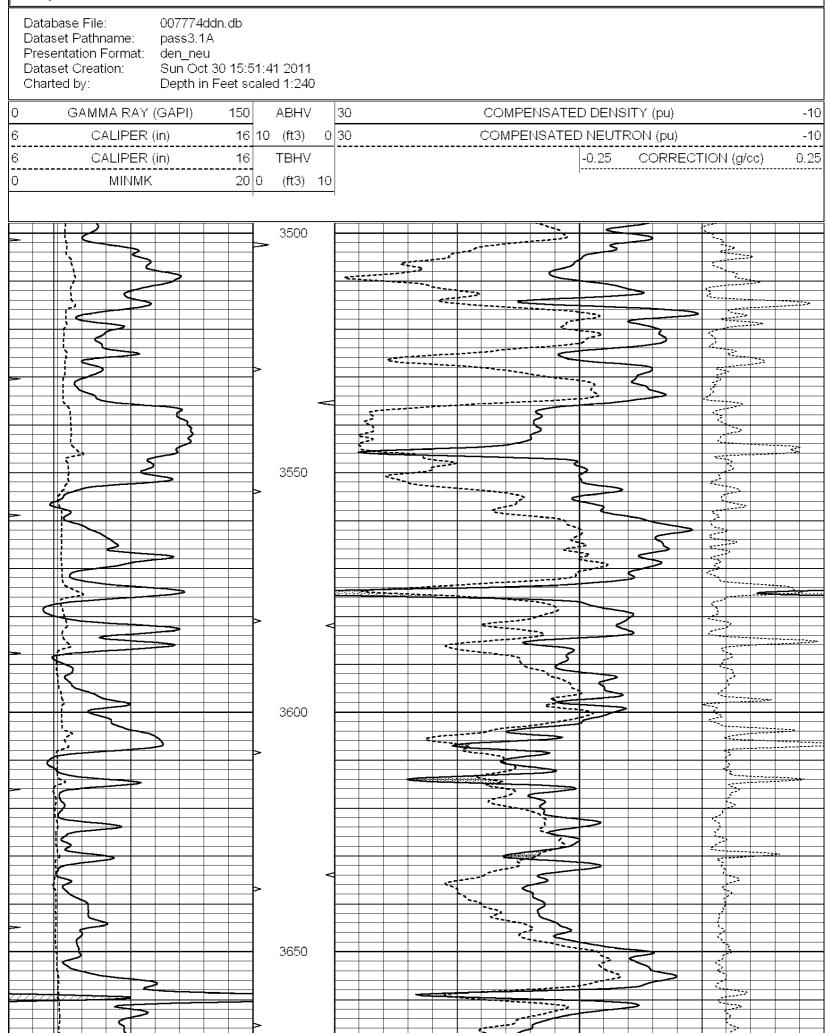


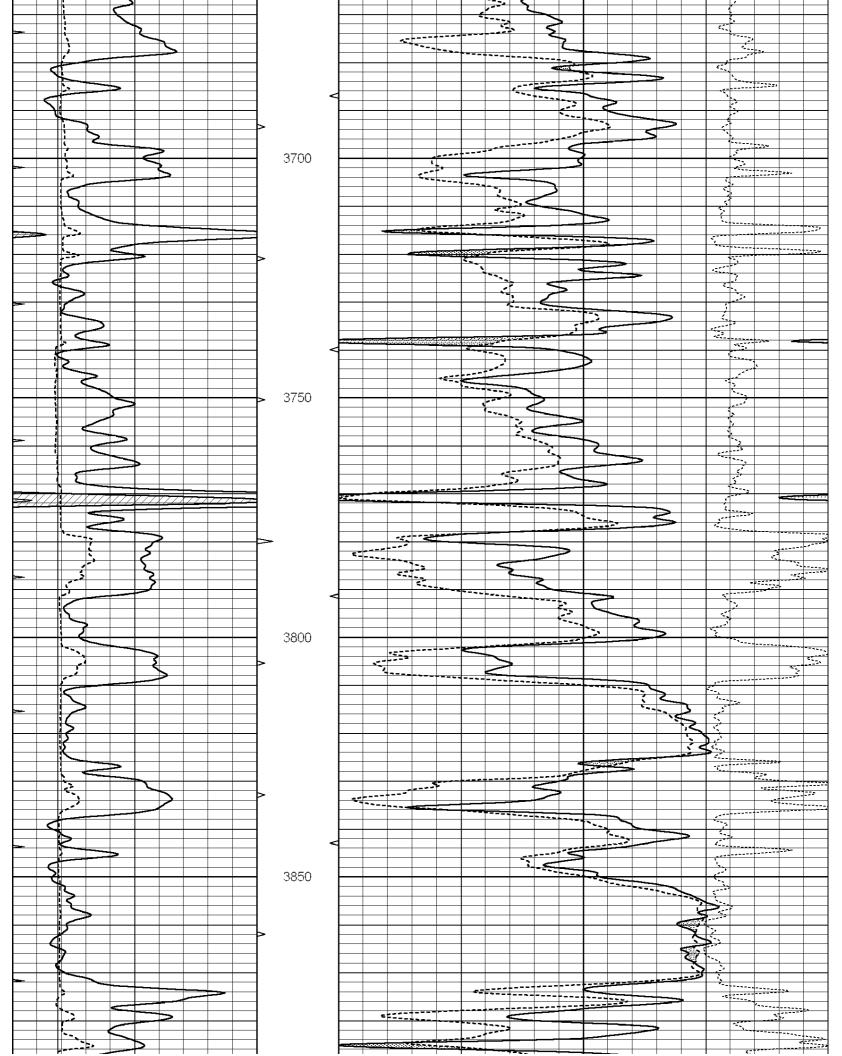
SUPERIOR Hays,

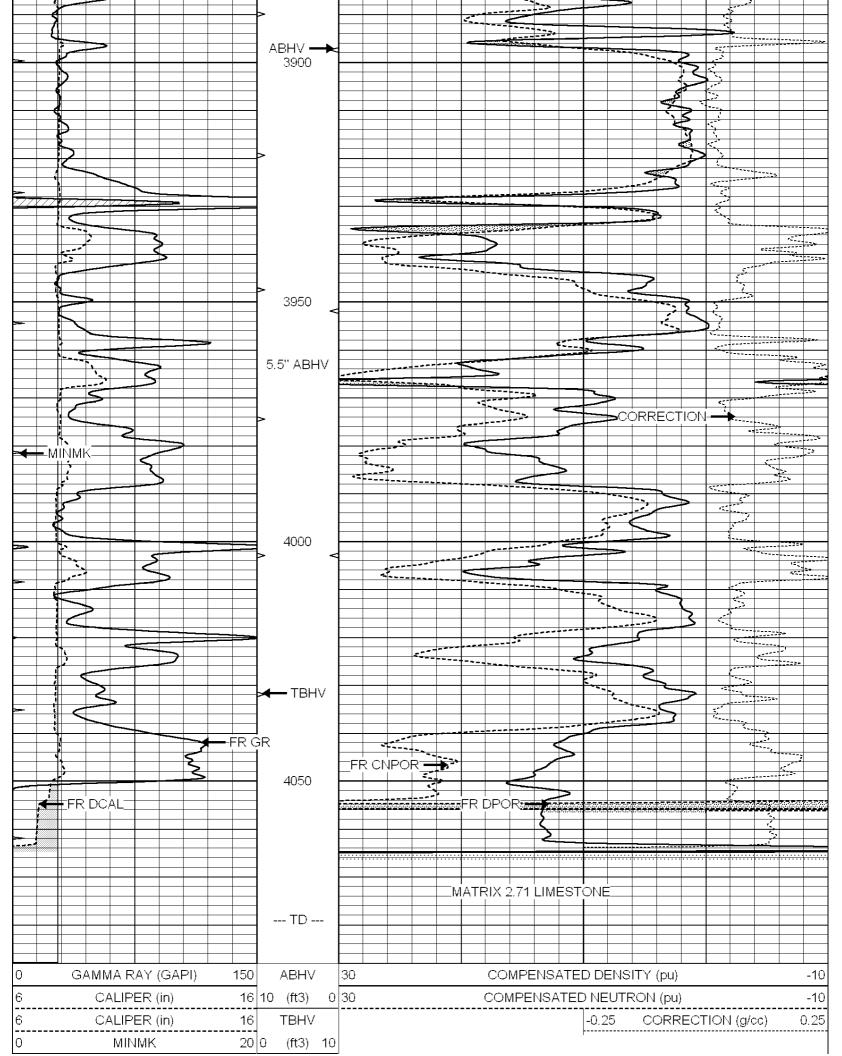


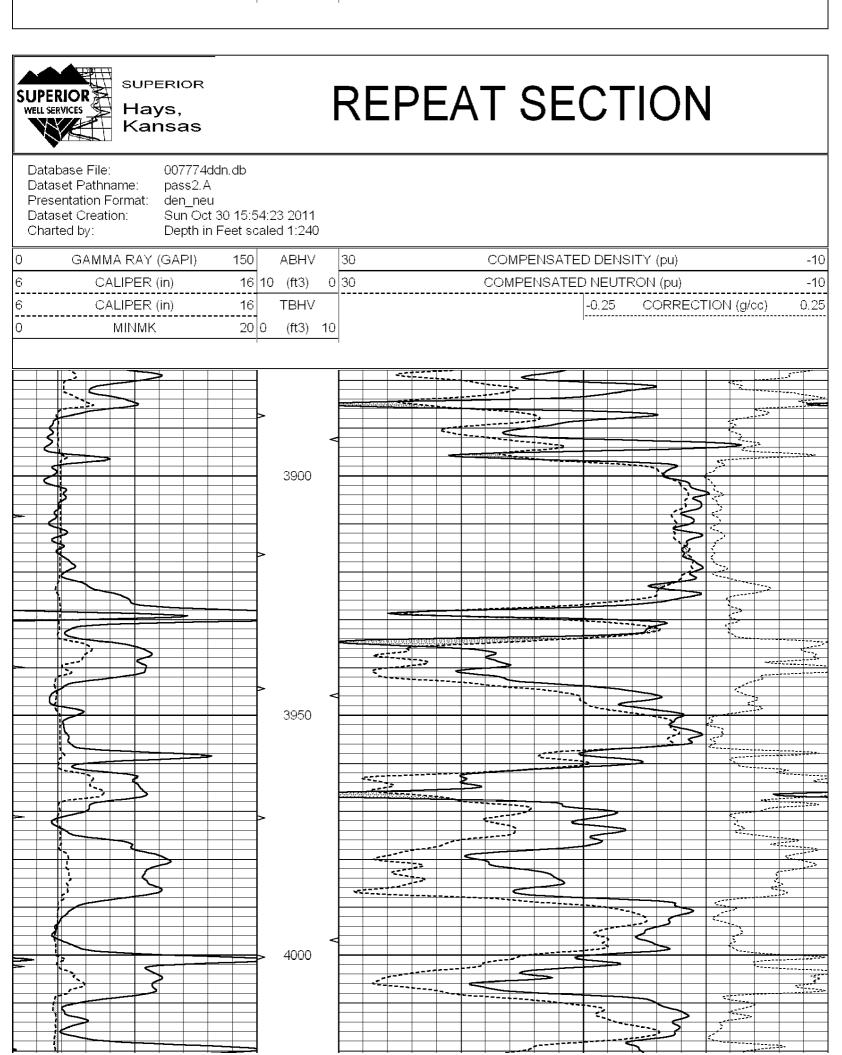


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<i>:</i>				_										\rightarrow												
		+ +		-	+									1												
				-																						£
0	GAM	MA RA	Y (GA	PI)	1	150	ABHV	30	30 COMPENSATED DENSITY (pu)								-10									
6	С	ALIPE	R (in)			16	10 (ft3) 0	30				1	CON	1PEN	1SA	TEC) NE	UTR	ON	(pu))					-10
6	С	ALIPE	R (in)			16	TBHV											5	CC	DRR	ECT	ION	l (g/c	 c)	C).25
0		MINN	лк			20	0 (ft3) 10									l										
							<u> </u>																			

Database File: Dataset Pathname Dataset Creation:		.db) 15:51:41 201		Calibration Report	:			
			Dual Inc	luction Calibratior	Report			
	Serial-N Perforn				IL5-GEAR un Oct 30 14:	07:09 2011		
		Readings			References		Res	ults
Loop:	Air	Loop		Air	Loop		m	b
Deep Medium	0.004 -0.005	0.654 0.737	V V	0.000 0.000	400.000 462.500	mmho/m mmho/m	530.000 550.000	-18.000 -14.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep Medium	0.006 0.010	0.655 0.747	V V	0.000 0.000	400.000 462.500	mmho/m mmho/m	615.668 627.607	-3.483 -6.064
			Compensate	ed Density Calibra	ation Report			
		/lodel: / Verifier: Calibration Pe	erformed:	14	EAR1-GEAR 47 / 147 un Oct 30 14:			
Master Calibrati	on							
		Density		Fa	ar Detector	Near Detector	r	
Magnesium Aluminum		1.710 2.590	g/cc g/cc	_	1243.76 282.16	629.14 435.01	cps cps	
		Spine Angle =	76.03	D	ensity/Spine I	Ratio = 0.576		
		Size			Reading			

 Small Ring Large Ring	8.70 14.00	in in			3.15 4.72	V V				
	Compensated Neutron Calibration Report									
		Serial Nu Tool Mod		NUE G	_21					
CALIBRATION										
Detector		Reading	3	Target			Normalization			
Short Space Long Space		1.00 1.00	cps cps	1.00 1.00	cps cps		1.0000 1.0000			
		Ga	mma Ray	Calibration Re	port					
Serial Number: Tool Model: Performed:	Tool Model: OPEN									
Calibrator Value:		1	0	GAF	Ы					
Background Reading: Calibrator Reading:			0.0 1.0							
Sensitivity:			6500	GAF	PI/cps					

SUPERIOR WELL SERVICES	SUPERIOR Hays, Kansas	s R LOG
	Company	ETERNITY EXPLORATION, LLC.
, LLC.	Well	BETTY WERTH #3
ATION	Field	GURK NORTH
FH #3	County	GRAHAM State KANSAS
WER NORT M	Location:	API # : 15-065-23780 Other Services
ETERN BETTY GURK I GRAHA KANSA		990' FNL & 1650' FEL DIL/SONIC
	G	SEC 7 TWP 10S RGE 25W Elevation
d nty	Permanent Datum	m KELLY RUSHING 5' A G L REVENTION 2545 K.B
Cor Wel Fiel Cou Stat	Drilling Measured From	KELLY BUSHING
Date Dur Number		10-30-11
Depth Driller		4079
Depth Logger		4079
Bottom Logged Interval		4062
Top Log Interval		3500
Casing Longer		218
Bit Size		7.875
Type Fluid in Hole		CHEMICAL MUD
Density / Viscosity		9.2 / 48
Source of Sample		
Rm @ Meas. Temp		0.85 @ 90F
Rmf @ Meas. Temp		0.64 @ 90F
Rmc @ Meas. Temp		1.02 @ 90F
Source of Rmf/Rmc		MEASURED
Rm @ BHT	• 	.670 @ 115F
Time Circulation Stopped		2:15 P.M. ^>
Maximum Recorded Temperature	emperature	
Equipment Number		
Location		
Witnessed By		SCOTT ALBERG
v siulcaacu by		

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.

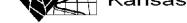
Comments

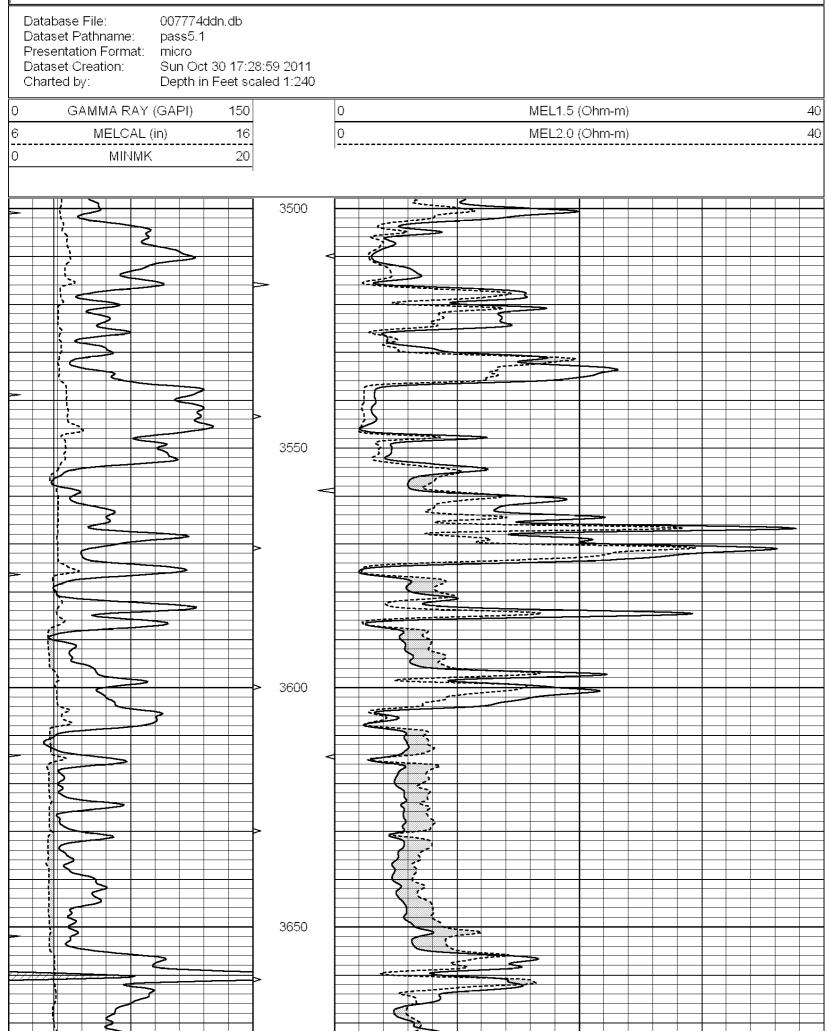
SUPERIOR WELL SERVICES 785-628-6395 THANK YOU FOR YOUR BUSINESS DIRECTIONS: ST. PETER, 1N TO RD. F, 3 1/2W, S INTO.

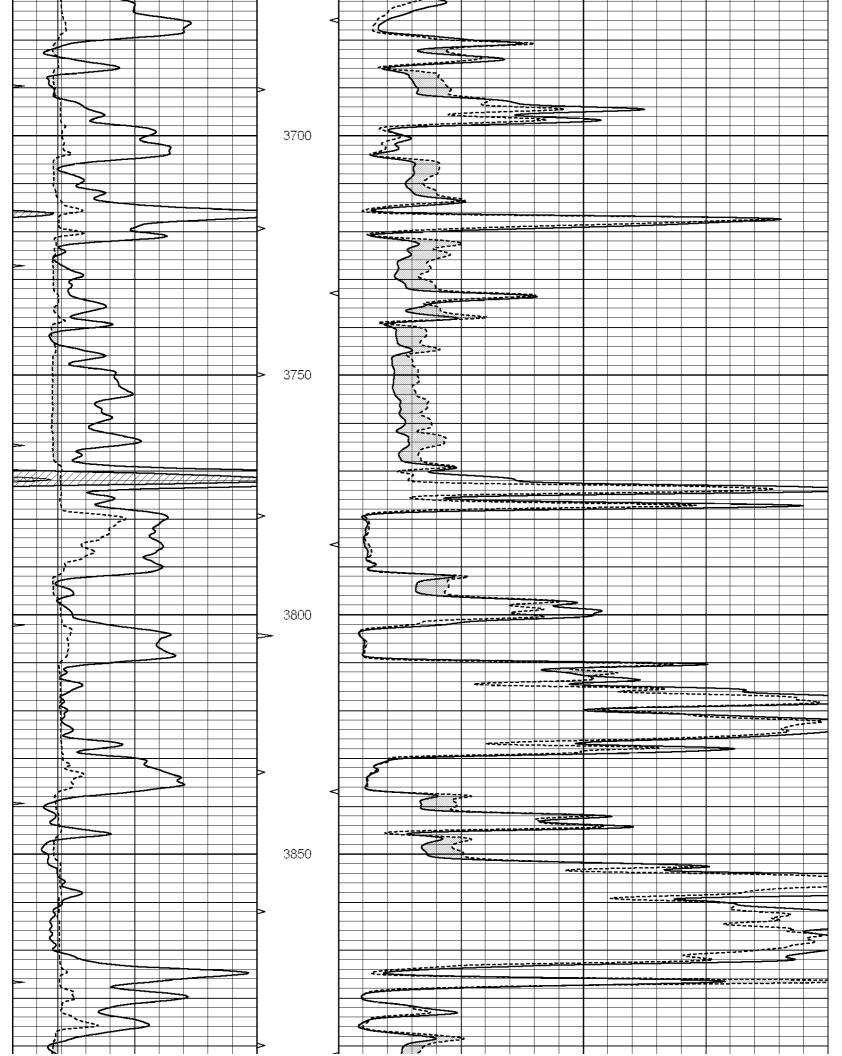


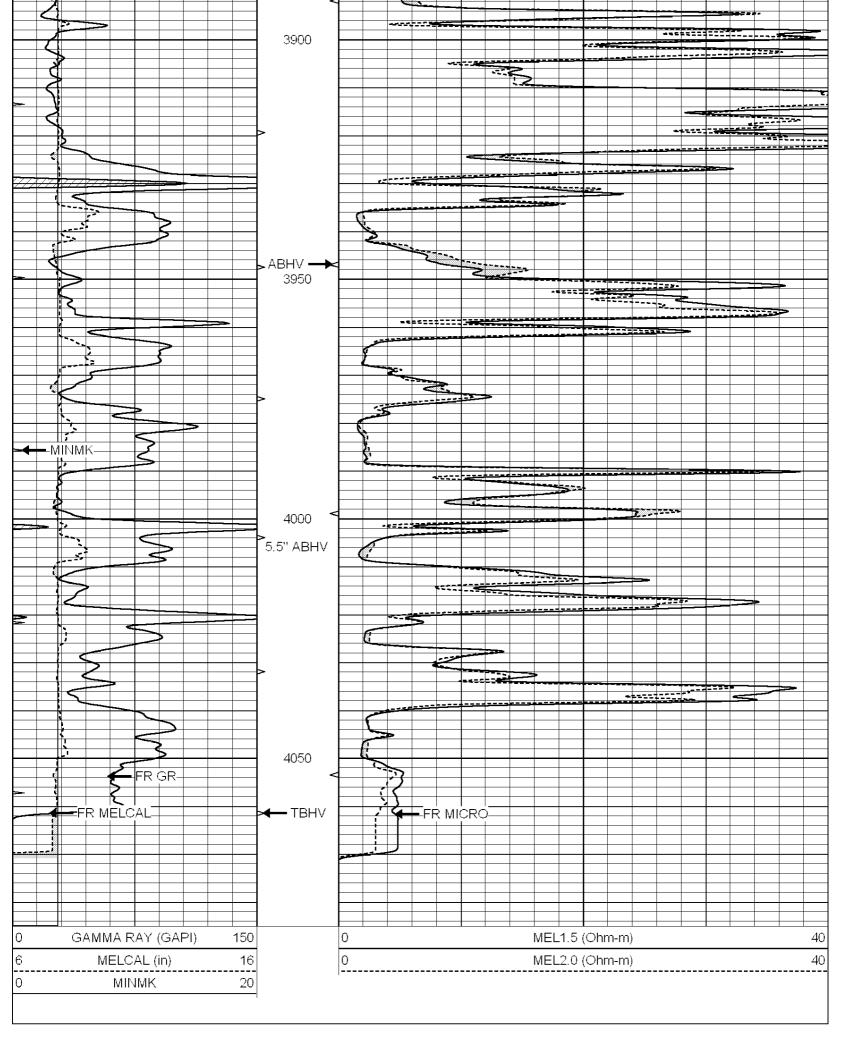
superior Hays,







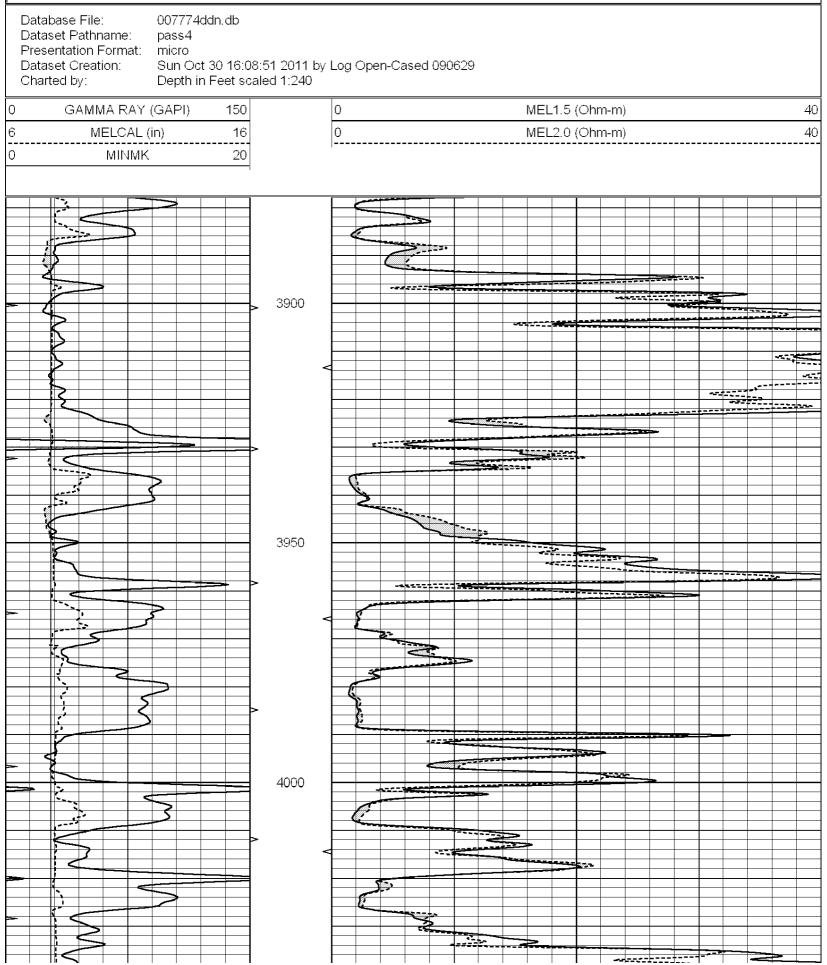


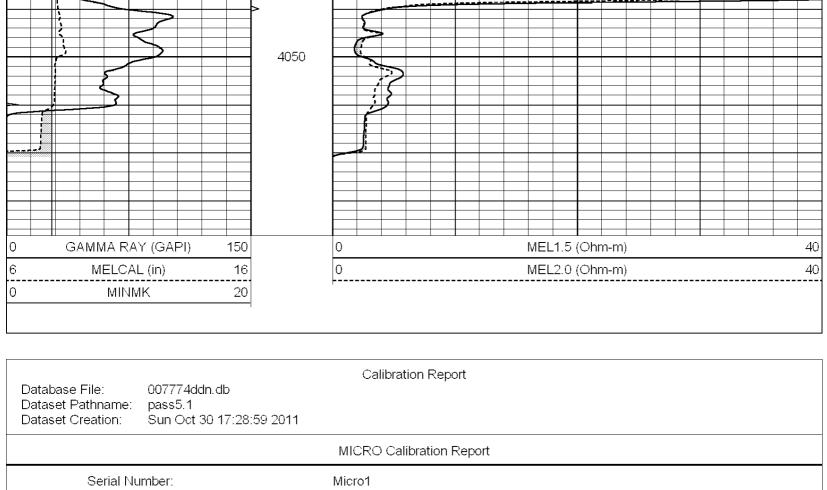




superior Hays, Kansas

REPEAT SECTION





	MICRO Calibration Report										
7	Serial Number: Tool Model: Performed:	Micro1 ProbeL Sun Oct 30 16:12:18	3 2011								
(Caliper Calibration:	Gain=2.858	Offset=-1.741								
	References Readings	Low Cal 7.500 3.233	High Cal 13.000 5.157								
	1.5" Calibration:	Gain=34.000	Offset=-0.100								
	References Readings	Low Cal 0.000 0.003	High Cal 20.000 0.844								
ہم ع	2" Calibration:	Gain=30.000	Offset=-0.200								
	References Readings	Low Cal 0.000 0.028	High Cal 20.000 0.817								
		Gamma Ray Calibrati	on Report								
	Serial Number: Tool Model: Performed:	GR5 OPEN Sun Oct 30 14:25:40	D 2011								
(Calibrator Value:	1.0	GAPI								
	Background Reading: Calibrator Reading:	0.0 1.0	cps cps								
5	Sensitivity:	0.6500	GAPI/cps								