Confidentiality Requested: Yes No

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

1214521

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:, (e.gxxx.xxxxx)
Name:	Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	County:
Purchaser:	Lease Name: Well #:
Designate Type of Completion:	Field Name:
New Well Re-Entry Workover	
	Producing Formation:
Gas D&A ENHR SIGW	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? Yes No
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 SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Location of huid disposal if hadied offsite.
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	1214521		
Operator Name:	Lease Name:	Well #:		
Sec TwpS. R East _ West	County:			
INCTRUCTIONS, Chow important tang of formations populated	Dotail all coros Roport all	final copies of drill stoms tests giving interval tested, time teal		

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 Sho	eets)	Yes No		-	on (Top), Depth ar		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne				
		Report all strings set-o	conductor, surface, inte	rmediate, producti	on, 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: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	ercent Additives	
Protectulo							

Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom				
Did you perform a hydraulic	fracturing treatment	on this well?	Yes	No	(If No, skip questions 2 and 3)

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)

No

(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					96	ŀ		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner Rı		No	
Date of First, Resumed	l Product	ion, SWD or ENHF	? .	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ION OF (GAS:			_				PRODUCTION INT	ERVAL:
Vented Solo	d 🗌	Used on Lease		Open Hole	Perf.	Uually (Submit)	Comp. 4 <i>CO-5</i>)	Commingled (Submit ACO-4)		
(If vented, Su	ıbmit ACC	D-18.)		Other (Specify)		1				

Form	ACO1 - Well Completion
Operator	Eternity Exploration, LLC
Well Name	Werth Family 1
Doc ID	1214521

Tops

Name	Тор	Datum
Anhydrite	2262	+367
Base Anhydrite	2296	+333
Topeka	3694	-1065
Heebner	3852	-1223
Lansing	3891	-1262
Lansing B	3919	-1290
Lansing F	3972	-1343
Lansing K	4090	-1461
Base/Kansas City	4124	-1495
LTD	4160	-1531

Form	ACO1 - Well Completion
Operator	Eternity Exploration, LLC
Well Name	Werth Family 1
Doc ID	1214521

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface Casing	12.25	8.625	20	222	common	3%cc;2%g el

GLOBAL CEMENTING, L.L.C.

1335

DATE 5-16-14	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
	C. C. C. C. C. C.	- Contraction	in rations days			COUNTY,	8.4Spr STATE
LEASE Flagher	WELL #.		LOCATION			Sheridan	us
OLD OR NEW (CIRC	CLE ONE)	in the search	top their my even in	all suggesting of the	and Debuildings		
CONTRACTOR wh	ite Kn	iah+		OWNER			
TYPE OF JOB Sund	ace	J	to succe with the second of	the second second as	a management and the	the rest of approximation	and the second s
HOLE SIZE 121/4			.D. 222	CEMENT			
CASING SIZE 85%			EPTH 211	AMOUNT ORE	DERED 150 52	com 3the	16 2 legel
TUBING SIZE			EPTH				1
DRILL PIPE	THE REAL POINT		EPTH				and the second
PRES. MAX			DEPTH IINIMUM				
MEAS. LINE			HOE JOINT				
CEMENT LEFT IN CSG.	DOFT	3.	HOE JOINT				
PERFS	XUTT				A CONTRACTOR OF THE OWNER		
DISPLACEMENT	173/4		in the second second				
	EQUIPME	ENT					
PUMP TRUCK CEI	MENTER	Hearth	A CONTRACTOR OF				
	LPER (ody					
BULK TRUCK		0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			@	
	IVER Br	ad					
BULK TRUCK						~	
¢ DRI	IVER						
				MILEAGE			
Pan 5 Jts of Est Circulati		asing c	d pump	n denne og den den 1 denne og den og den same 1 denne den getageligenet og de	SEI	RVICE	ing
Est Circulati		'the mu	l pump	DEPTH OF JOB			
Est Circulati	on wi	14 mu	d pump	PUMP TRUCK	CHARGE		
Est Circulati Hook up and o se H20 - shut	ion wi n. y 150	14 mu Dax and 00 ps:	с) ритр disp 12 3/4 661	PUMP TRUCK (EXTRA FOOTA MILEAGE	CHARGE	@	
Est Circulati	on wi	14 mu Dax and 00 ps:	d purp d purp alisp 123/4 bbl	PUMP TRUCK (EXTRA FOOTA MILEAGE	CHARGE	@	
Est Circulati Hook up and o se H20 - shut	ion wi n. y 150	14 mu Dax and 00 ps:	с) ритр disp 12 3/4 661	PUMP TRUCK (EXTRA FOOTA MILEAGE	CHARGE	@ @ @	and the second second
Est Circulation Hook up and a Se H20 - Shut Cement DidC	ion wi n. / 150 in ad	144 mu 25x and 00 ps: 1 te te	2 pump disp 123/4 bbl	PUMP TRUCK (EXTRA FOOTA MILEAGE	CHARGE	@ @ @	and the second second
Est Circulation Hook up and a Se H20- Shut Cement Did C HARGE TO: Aler	ion wi n. / 150 in ad	144 mu 25x and 00 ps: 1 te te	2 pump disp 123/4 bbl	PUMP TRUCK (EXTRA FOOTA MILEAGE	CHARGE		231174594
Est Circulation Hook up and of the Heory Shut Coment Did C Harge TO: Aler TREET	ion wi n. y isc in ad incula nity y	146 ma 25x and CO ps: ate te Typbrat	2 pump disp 123/4 bbl o Sur Lace	PUMP TRUCK (EXTRA FOOTA MILEAGE	CHARGE	@ @ @	231174594
Est Circulation Hook up and a Se H20 - Shut Cement DidC	ion wi n. y isc in ad incula nity y	146 ma 25x and CO ps: ate te Typbrat	2 pump disp 123/4 bbl o Sur Lace	PUMP TRUCK (EXTRA FOOTA MILEAGE	CHARGE QE	@ @ @ @ TOTAL	ectif ANARIA
Est Circulation Hook up and a se H20 - Shut Coment Did C Marge TO: Aler TREET	ion wi n. y isc in ad incula nity y	146 ma 25x and CO ps: ate te Typbrat	2 pump disp 123/4 bbl o Sur Lace	PUMP TRUCK (EXTRA FOOTA MILEAGE	CHARGE QE		ectif ANARIA
ESt Circulation	en w: n / 150 ic cule n / 4 1 state	1 x mu 25x and 20 ps: ate te Typhrat Z	2 pump disp 123/4 bbl. D Surface	PUMP TRUCK (EXTRA FOOTA MILEAGE MANIFOLD	CHARGE GE PLUG & FLO.	@ @ @ @ Total	 T
ESt Circulation	en w: n / 150 ic cule n / 4 1 state	1 x mu 25x and 20 ps: ate te Typhrat Z	2 pump disp 123/4 bbl. D Surface	PUMP TRUCK (EXTRA FOOTA MILEAGE MANIFOLD	PLUG & FLO.	@ @ @ @ TOTAL AT EQUIPMEN @	T
St Circulation Hook up and a St H20 - Shut Cement Did C HARGE TO: <u>A</u> er TREET Jobal Cementing, L You are hereby requiring cementer and	en wi n / 15 ic cute n / 49 4 state .L.C., lested to helper(s)	7 74 mu 124 mu 124 mu 125	l pump olisp 12 3/4 bbl SurSace	PUMP TRUCK (EXTRA FOOTA MILEAGE MANIFOLD	CHARGE GE PLUG & FLO.	@ @ @ @ TOTAL AT EQUIPMEN @ @	T
SSt Circulation Hook up and i Se H20 - Shut Cement Did Charge to: Arr TREET TTY Global Cementing, L You are hereby require Durnish cementer and lo work as is listed.	en wi N 150 150 150 150 150 150 150 150	144 mu 154 mu	alisp 12 3/4 bbl	PUMP TRUCK (EXTRA FOOTA MILEAGE MANIFOLD	PLUG & FLO.	@ @ @ @ TOTAL AT EQUIPMEN @ @ @	T
St Circulat Hook up and o Start Did C Start Did Start Did C Start Did Start Did St	en wi ny 15c ic cule state .L.C., iested to helper(s) The abov	14 mu 157 and 157 a	al pump al sp 12 3/4 bbl Surface p nting equipment and where or contractor to s done to satisfaction to baye read and	PUMP TRUCK (EXTRA FOOTA MILEAGE MANIFOLD	PLUG & FLO.	@ @ @ @ TOTAL AT EQUIPMEN @ @ @	T
St Circulation Look up and a State of the share Coment Did Comenting, L Coment Did Coment TREET	en wi n (scale n, 4g 2 STATE L.C., thelper(s) The above where ager NERAL	14 mu 157 and 157 a	alisp 12 3/4 bbl	PUMP TRUCK (EXTRA FOOTA MILEAGE MANIFOLD	PLUG & FLO.	@ @ @ @ TOTAL AT EQUIPMEN @ @ @	T
St Circulation Hook up and of Start Did Control Control Did Control Did Control Did Control	en wi n (scale n, 4g 2 STATE L.C., thelper(s) The above where ager NERAL	14 mu 157 and 157 a	al pump al sp 12 3/4 bbl Surface p nting equipment and where or contractor to s done to satisfaction to baye read and	PUMP TRUCK (EXTRA FOOTA MILEAGE MANIFOLD	PLUG & FLO.	@ @ @ @ TOTAL AT EQUIPMEN @ @ @ @ @ @	T
St Circulat Hook up and o Start Dido Cement Dido CHARGE TO: <u>Alec</u> STREET STREET DITY Global Cementing, L You are hereby requirmish cementer and lo work as is listed. and supervision of o inderstand the "GE isted on the reverse s	en wi n (scale n, 4g 2 STATE L.C., thelper(s) The above where ager NERAL	14 mu 157 and 157 a	al pump al sp 12 3/4 bbl Surface p nting equipment and where or contractor to s done to satisfaction to baye read and	PUMP TRUCK (EXTRA FOOTA MILEAGE	PLUG & FLO.	@ @ @ @ TOTAL AT EQUIPMEN @ @ @ @ @ @	T
St Circulation Hook up and of Stars the shart Cement Did C CHARGE TO: Area TREET TTY Global Cementing, L You are hereby requiring the cementer and lo work as is listed. and supervision of or inderstand the "GE isted on the reverse s	en wi n (scale n, 4g 2 STATE L.C., thelper(s) The above where ager NERAL	14 mu 157 and 157 a	al pump al sp 12 3/4 bbl Surface p nting equipment and where or contractor to s done to satisfaction to baye read and	PUMP TRUCK (EXTRA FOOTA MILEAGE MANIFOLD	PLUG & FLO.	@ @ @ @ TOTAL AT EQUIPMEN @ @ @ @ @ @	T
SSt Circulation Hook up and of Standard Did Control Control Did Control STREET STREET STTY Solution Control Street and Street and	en wi n (scale n, 4g 2 STATE L.C., thelper(s) The above where ager NERAL	14 mu 157 and 157 a	al pump al sp 12 3/4 bbl Surface p nting equipment and where or contractor to s done to satisfaction to baye read and	PUMP TRUCK (EXTRA FOOTA MILEAGE	PLUG & FLO.	@ @ @ @ TOTAL AT EQUIPMEN @ @ @ @ @ @	T
SSt Circulation Hook up and a Start Did C Start Did C	en wi n (scale n, 4g 2 STATE L.C., thelper(s) The above where ager NERAL	144 mu 154 mu 154 mu 154 mu 154 mu 155 mu	al pump al sp 12 3/4 bbl Surface p nting equipment and where or contractor to s done to satisfaction to baye read and	PUMP TRUCK (EXTRA FOOTA MILEAGE	PLUG & FLO.	@ @ @ @ TOTAL AT EQUIPMEN @ @ @ @ @ TOTAL	T
SSt Circulation Hook up and a Start Did C Start Did C	en wi n (scale n, 4g 2 STATE L.C., thelper(s) The above where ager NERAL	144 mu 154 mu 154 mu 154 mu 154 mu 155 mu	al pump al sp 12 3/4 bbl Surface p nting equipment and where or contractor to s done to satisfaction to baye read and	PUMP TRUCK (EXTRA FOOTA MILEAGE	PLUG & FLO.	@ @ @ @ TOTAL AT EQUIPMEN @ @ @ @ @ TOTAL	T
SSt Circulation Hook up and a Start Did C Start Did C	en wi n (scale n, 4g 2 STATE L.C., thelper(s) The above where ager NERAL	144 mu 154 mu 154 mu 154 mu 154 mu 155 mu	al pump al sp 12 3/4 bbl Surface p nting equipment and where or contractor to s done to satisfaction to baye read and	PUMP TRUCK (EXTRA FOOTA MILEAGE	PLUG & FLO.	@ @ @ @ TOTAL AT EQUIPMEN @ @ @ @ @ TOTAL	T

REMIT TO 18048 170RD RUSSELL, KS 67665		SERVICE POINT: Russell, US			
DATE 5-23-14 SEC. TWP. RANG	3E	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
bger vert	inter the literation	Contraction of the local division of the loc		COUNTY.	STATE STATE
	TION	ncelly selonned to pr	igentic of these sets	Sheridan	45
OLD OR NEW (CIRCLE ONE)	A KANSAS I	1	Diamy 100 signation	n entre of the n	
CONTRACTOR White Knight		OWNER			
TYPE OF JOB Rotary plug J		OWNER	na Sumericand respon	tak testa yan ai se	
HOLE SIZE 7/8 T.D. 4/ CASING SIZE DEPTH	55	CEMENT	DERED 2505	x.L.A.MA	4%/001
TUBING SIZE DEPTH		AMOUNT OF	DERED <u>~ 0 3</u>	60110	rioger
DRILL PIPE DEPTH	CAR HILLING	Taberba nation mental	1 1 10 10 10 10 10 10 10 10 10 10 10 10		ALL DRIVE STATE
TOOL DEPTH	A Start Start Start Start				
PRES. MAX MINIMUI MEAS. LINE SHOE JO			X.	@	-
CEMENT LEFT IN CSG.	111	POZMIX GEL	<u></u>	@ @	Ante arteres
PERFS	The second second second		Ante an antenan	@	T IN THE REAL PROPERTY OF
DISPLACEMENT	2011 - 10 - 10 - 10 - 10 - 10 - 10 - 10	ASC	a statute of the second second second	@	
EQUIPMENT		na de l'an d transitione a s	and the second second	@	
PUMP TRUCK CEMENTER Heath	atterne atterne	and a partition of the part	and a support of the other	@	-
# PI HELPER Cody				@	
BULK TRUCK	Land Land	and the second second		@	
BULK TRUCK				@	
# DRIVER			311	@	
and an and a lite of the state state of the		HANDLING		. @	
		MILEAGE			-
REMARKS:				TOTA	L
14 Plus @ 2270 = 505x			not sub-suctions don't	South and the second second	
2018 Plus @ 1350 = 100 SX	ACCOUNT OF SECURAL	see to splattered to	SE	RVICE	
3rd Plug @ 270 = 305x	A CARLENS OF THE OWNER	DEPTH OF JC	В	the partition of the	
		PUMP TRUCK			an seminaria de
Come out of hole and push with	mer plug		AGE		12 tro generation
RH = 30sx		MILEAGE	1382	@	-
the second s		WAINI OLD =		@	
The in Cash I				@	
CHARGE TO: Eternity Exploration				TOTAL	
STREET				TOTAI	· · · · · · · · · · · · · · · · · · ·
CITY STATE ZIP			PLUG & FLO	AT EQUIPME	NТ
			1200 WILD	in Equine.	The states
Global Cementing, L.L.C.,		OF THE PARTY OF THE	<u></u>	@	II I I I I I I I I I I I I I I I I I I
You are hereby requested to rent cementing	equipment and	8518	wood plug	@	Tota Distant
furnish cementer and helper(s) to assist owner of			1)	. @	addente
do work as is listed. The above work was done and supervision of owner agent or contractor. I				0	an teneral entrated
understand the "GENERAL TERMS AND C			Contract on the set	. @	n <u>en den de la com</u>
listed on the reverse side.				TOTAL	L g <u>adana (18</u>
11/1					and the second second second
PRINTED NAME		SALES TAX (If Any)	Cash Charles Land	
SIGNATURE		TOTAL CHAP	GES		La sur stat
		DISCOUNT_	gradulines parts had	bal subvertice in	IF PAID IN 30 DAYS

LITHOLOGY STRIP LOG WellSight Systems

Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name:Werth Family #1
Location:N2 SW NW NELicense Number:API: 15-179-21359-00-00Region:Sheridan County, Kansa
Drilling Completed:Spud Date:May 16, 2014Drilling Completed:May 22, 2014Surface Coordinates:825' FNL & 2310' FEL Section 9-TWP 10S - RNG 26 W

Bottom Hole Coordinates: Vertical Hole

Ground Elevation (ft): 2624 Logged Interval (ft): 3500 Formation: Marmaton Type of Drilling Fluid: Chemical Displace at 3350 Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Eternity Exploration, LLC Address: 338 Spyglasss Drive Coppell, Texas 75019+5430

GEOLOGIST

Name: W. Scott Alberg Company: Alberg Petroleum, LLC Address: 609 Meadowlark Lane Pratt, Ks 67124

COMMENTS

Surface Casing: Ran 5 joints new 23# 8 5/8" and set at 222', cement did circulate. Plug down at 8:45 pm, May 16, 2014.

Production Casing: None

Deviation Surveys: 1/4 degree @ 222'; 1 - 2875', 1 - 4033'. Pipe Strap - 1st - 3544' - 2.27' Short to Board. 2nd - 4033' - 1.53' Long to Board.

Contractor Bit Record: 1-12 1/4" out at 222' 2- 7 7/8" out at 2875'. 3 - 7 7/8" out at 4033' 4 - 7 7/8" out at 4155'.

Mud: Morgan Mud, Cade Lines, Engineer Logs: Superior Well Services, Inc, DIL, CDL/CDL, Micro LTD - 4160'. Gas Detector: None

FORMATION TOPS

	SAMPLE TOPS	LOG TOPS
ANHYDRITE		2262(-+367)
BASE ANHY DRITE		2296(-+333)
ΤΟΡΕΚΑ	3692(-1063)	3694(-1065)
HEEBNER	3851(-1222)	3852(-1223)
TORONTO	3873(-1244)	3875(-1246)
LANSING	3889(-1260)	3891(-1262)
'B' Zone	3918(-1289)	3919(-1290)
'F' Zone	3971(-1342)	3972(-1343)
'K' Zone	4089(-1460)	4090(-1461)
B/KC	4126(-1497)	4124(-1495)
RTD	4155(-1526)	
LTD		4160(-1531)

DSTs

DST #1 4081 to 4160 (LTD) K Zone Times 30-30-30-30 1st Opening - Fair blow, built to 4 inches, no blow back 2nd Opening - Fair blow, built to 5 inches, no blow back Recovery - 20' GIP 25' OCM(30%% Oil, 70% M) 15' Free Oil IFP 21-27# FFP 26-33# ISIP 975# FSIP 853# IHP/FHP 2119/2079# Temp 123

CREWS

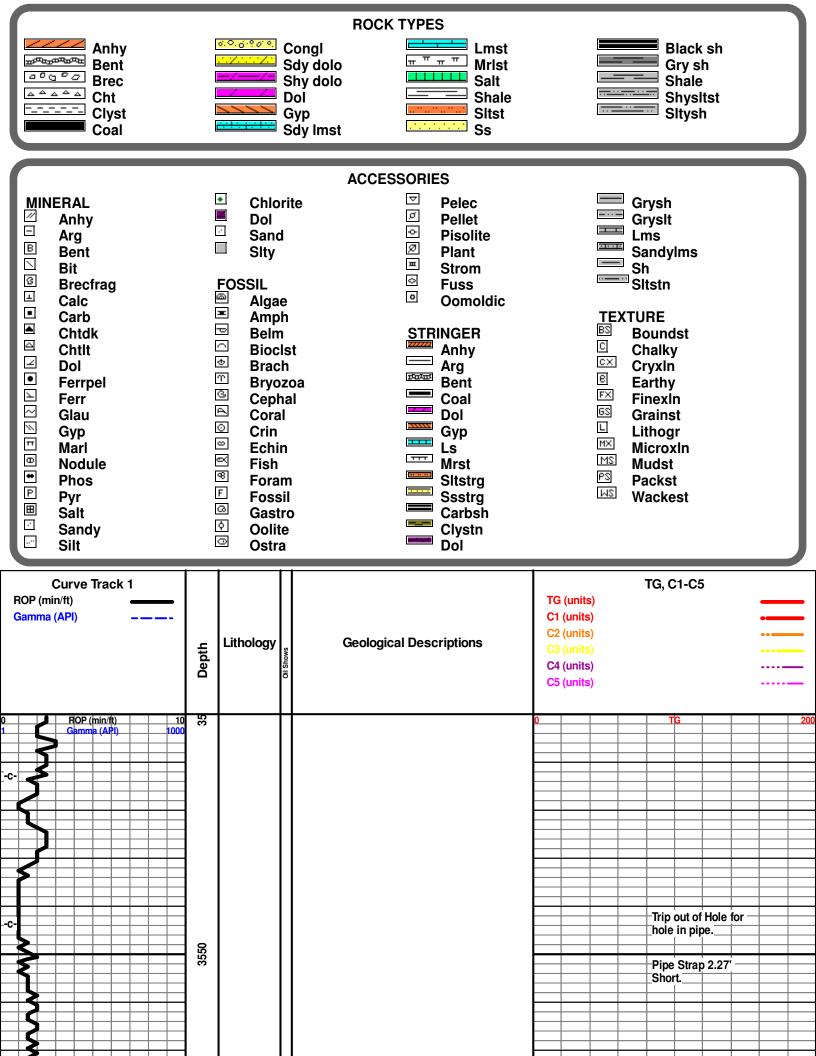
Whote Knight Drilling, Rig #1

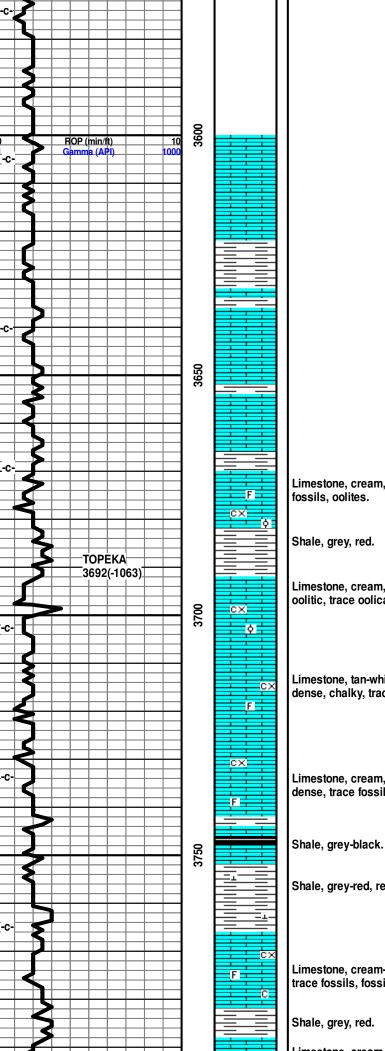
Tool Pusher - Terry Austin Daylight Driller - Gary Chard Evening Driller - Jerry Rowe Morning Driller - Marlan Garcia Relief Driller - Robert Galbavy

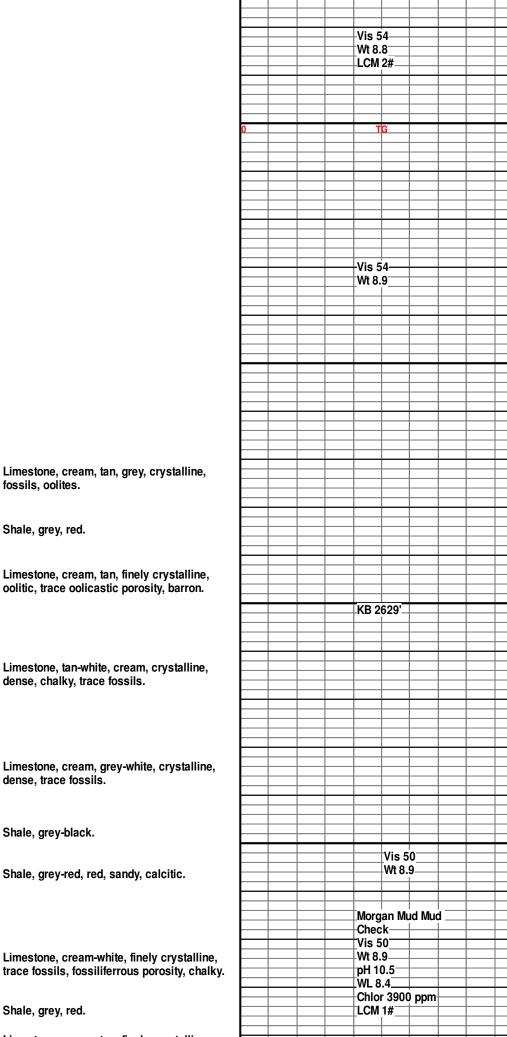
Based on sample shows, structural position and the results of the DST, it was recommended by all parties this test well be plugged and abandoned.

Respectfully,

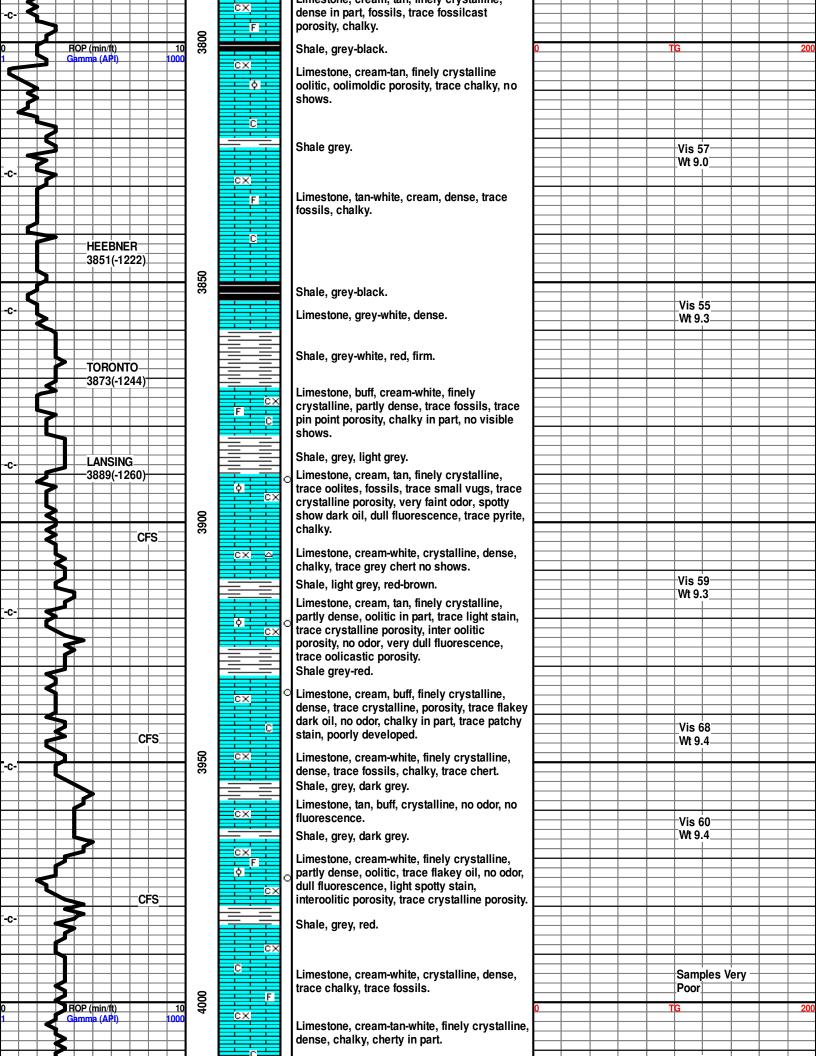
W. Scott Alberg

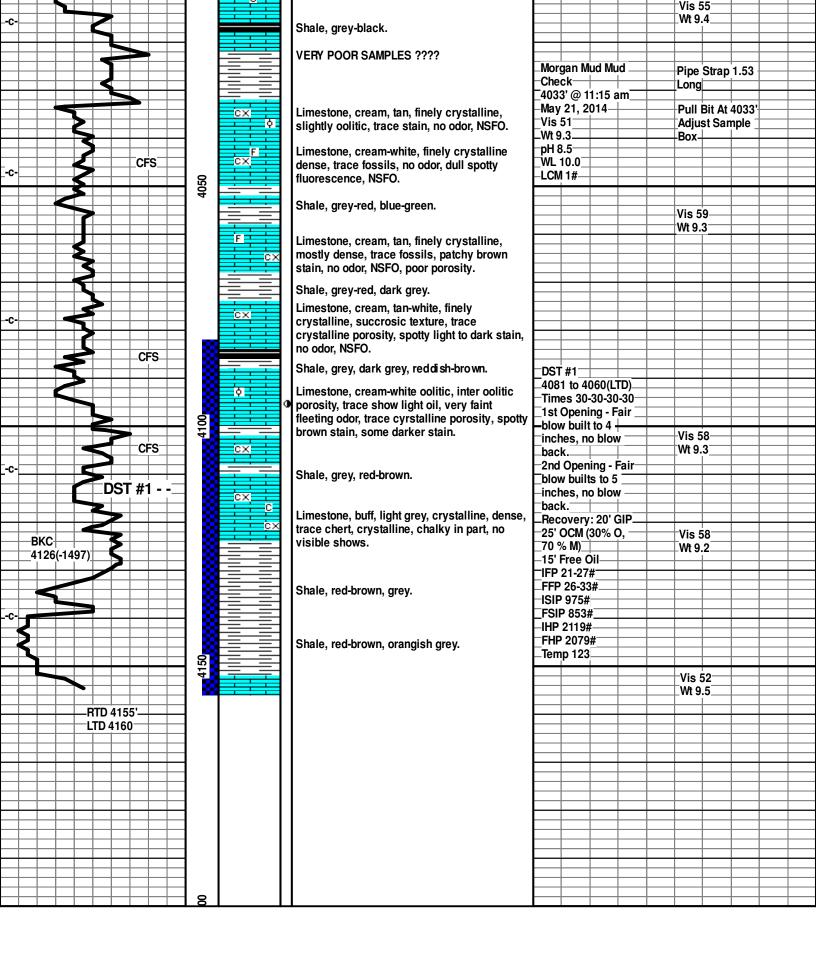






l imactana aroom ton finally any stalling







DRILL STEM TEST REPORT

Prepared For: E

Eternity Exploration LLC

338 Spylass Dr Coppell TX 75019

ATTN: Scott Alberg

Werth Family #1

9-10s-26w Sheridan,KS

 Start Date:
 2014.05.22 @ 11:21:02

 End Date:
 2014.05.22 @ 16:29:52

 Job Ticket #:
 58938
 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

	DRILL STEM TES		ORT				
	Eternity Exploration LLC		9-10s	s-26w SI	heridan, k	(S	
ESTING , INC	338 Spylass Dr Coppell TX 75019			th Fami	-		
	ATTN: Scott Alberg			cket: 589 Start: 201	30 4.05.22 @ 1	DST#:	1
GENERAL INFORMATION:							
Formation:LKC K-LDeviated:NoWhipstock:Time Tool Opened:13:01:02Time Test Ended:16:29:52	ft (KB)		Test T Tester Unit N	r: Ta	onventional l ate Lang	Bottom Ho	ole (Initial)
Interval:4081.00 ft (KB) To4Total Depth:4160.00 ft (KB) (ToHole Diameter:7.88 inches Hole			Refere	ence ⊟eva KB to	ations: GR/CF:	2629.00 2624.00 5.00	ft (CF)
Serial #: 8898OutsidePress@RunDepth:32.58 psigStart Date:2014.05.22Start Time:11:21:03TEST COMMENT:Fair blow built to Dead no blow to Fair Blow built to	End Date: End Time: 0.4" ack 0.5"	2014.05.22 16:29:52	Capacity: Last Calib.: Time On Bt Time Off Bt	m: 20	20 014.05.22 @ 014.05.22 @		
Dead no blow b Pressure vs.		Time	· · · · · ·	ESSURE Temp	E SUMMA Annotation		
200 170 170 170 170 170 170 170 1		(Min.) 0 1 31 60	(psig) (2118.68 21.14 26.83 975.12 25.80 32.58 853.39	(deg F) 118.09 II 117.18 (119.63 S 120.81 E 120.57 (121.36 S 122.24 E	Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2) End Shut-In(Final Hydro-	static w (1) 1) w (2) 2)	
Recovery				Gas	Rates		
Length (ft) Description 25.00 OCM 30%O 70%M 15.00 Oil 100%O 0.00 20 GIP	Volume (bbl) 0.35 0.21 0.00			Choke (incl	hes) Pressure	(psig) G	as Rate (Mcf/d)
	Ref No: 58938				014 05 23 @		

	DRILL STEM TES	ST REP	ORT			
RILOBITE	Eternity Exploration LLC		9-10s-26w	v Sheridar	n,KS	
TESTING , M	338 Spylass Dr		Werth Fa	mily #1		
	Coppell TX 75019		Job Ticket:	58938	DST#	ŧ:1
	ATTN: Scott Alberg		Test Start:	2014.05.22 @	0 11:21:02	
GENERAL INFORMATION:						
Formation:LKC K-LDeviated:NoWhipstockTime Tool Opened:13:01:02Time Test Ended:16:29:52	ft (KB)		Test Type: Tester: Unit No:	Convention Tate Lang 49	al Bottom H	Hole (Initial)
Total Depth: 4160.00 ft (KB)	4160.00 ft (KB) (TVD) (TVD) ole Condition: Good		Reference I	Elevations: B to GR/CF:	2624.0	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8897InsidePress@RunDepth:psiStart Date:2014.05.2Start Time:11:21:1		2014.05.22 16:30:04	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.0 2014.05.2	00 psig 22
TEST COMMENT: Fair blow built Dead no blow Fair Blow built Dead no blow	back to 5"					
Pressure v	s. Time 2597 Tempendure			JRE SUMM		
22 Tulky 2M		Time (Min.)	Pressure Temp (psig) (deg F		on	
Recover	y		G	as Rates		
Length (ft) Description	Volume (bbl)		Chok	e (inches) Press	ure (psig)	Gas Rate (Mcf/d)
25.00 OCM 30%O 70%M	0.35					
15.00 Oil 100%O 0.00 20 GIP	0.21					
	0.00					
Trilobite Testing Inc	Ref. No: 58938			d: 2014 05 2		

$AO N \neg$			DRI	LL STE	M TEST	REPO	RT	TOOL DIAGRA
RILOBITE		Eternity	Exploration L	LC		9-10s-26w Sherida	n,KS	
	ES1	'ING , INC		ylass Dr			Werth Family #1	
			Coppell	TX 75019			Job Ticket: 58938	DST#: 1
NOV .			ATTN:	Scott Alberg	I		Test Start: 2014.05.22	@ 11:21:02
Tool Informatio	on		Į					
Drill Pipe:	Length:	4078.00 ft	Diameter:	3.80 ind	ches Volume:	57.20 bb	I Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 ind	ches Volume:	0.00 bb	I Weight set on Packe	r: 0.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inc	ches Volume:	0.00 bb	_ *	70000.00 lb
Drill Pipe Above ł	KB.	17.00 ft			Total Volume:	57.20 bb		0.00 ft
Depth to Top Pac		4081.00 ft					String Weight: Initial	
Depth to Bottom I		ft					Final	47000.00 lb
nterval between		79.00 ft						
Tool Length:		99.00 ft						
Number of Packe	ers:	2	Diameter:	6.75 ind	ches			
Number of Packe Tool Comments:	ers:	2	Diameter:	6.75 ind	ches			
		_		6.75 ind Serial No.	ches Position	Depth (ft)	Accum. Lengths	
Tool Comments:		_				Depth (ft) 4066.00	Accum. Lengths	
Tool Comments: Tool Descriptic		_	ngth (ft)				Accum. Lengths	
Tool Comments: Tool Descriptic Shut In Tool		_	ngth (ft) 5.00			4066.00	Accum. Lengths	Bottom Of Top Packe
Tool Comments: Tool Descriptic Shut In Tool Hydraulic tool		_	ngth (ft) 5.00 5.00			4066.00 4071.00		Bottom Of Top Packe
Tool Comments: Tool Descriptio Shut In Tool Hydraulic tool Packer		_	ngth (ft) 5.00 5.00 5.00			4066.00 4071.00 4076.00		Bottom Of Top Packe
Tool Comments: Tool Descriptio Shut In Tool Hydraulic tool Packer Packer		_	ngth (ft) 5.00 5.00 5.00 5.00			4066.00 4071.00 4076.00 4081.00		Bottom Of Top Packe
Tool Comments: Tool Descriptio Shut In Tool Hydraulic tool Packer Packer Stubb		_	ngth (ft) 5.00 5.00 5.00 5.00 1.00			4066.00 4071.00 4076.00 4081.00 4082.00		Bottom Of Top Packe
Tool Comments: Tool Descriptio Shut In Tool Hydraulic tool Packer Packer Stubb Perforations		_	ngth (ft) 5.00 5.00 5.00 5.00 1.00 10.00	Serial No.	Position	4066.00 4071.00 4076.00 4081.00 4082.00 4092.00		Bottom Of Top Packe
Tool Comments: Tool Descriptic Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Recorder	on	_	ngth (ft) 5.00 5.00 5.00 1.00 10.00 0.00	Serial No. 8897	Position	4066.00 4071.00 4076.00 4081.00 4082.00 4092.00 4092.00		Bottom Of Top Packe
Tool Comments: Tool Descriptio Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Recorder Recorder	on	_	ngth (ft) 5.00 5.00 5.00 1.00 10.00 0.00 0.00	Serial No. 8897	Position	4066.00 4071.00 4076.00 4081.00 4082.00 4092.00 4092.00 4092.00		Bottom Of Top Packe
Tool Comments: Tool Descriptio Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Recorder Recorder Change Over Sul	on	_	ngth (ft) 5.00 5.00 5.00 1.00 10.00 0.00 0.00 1.00	Serial No. 8897	Position	4066.00 4071.00 4076.00 4081.00 4082.00 4092.00 4092.00 4092.00 4093.00		Bottom Of Top Packe

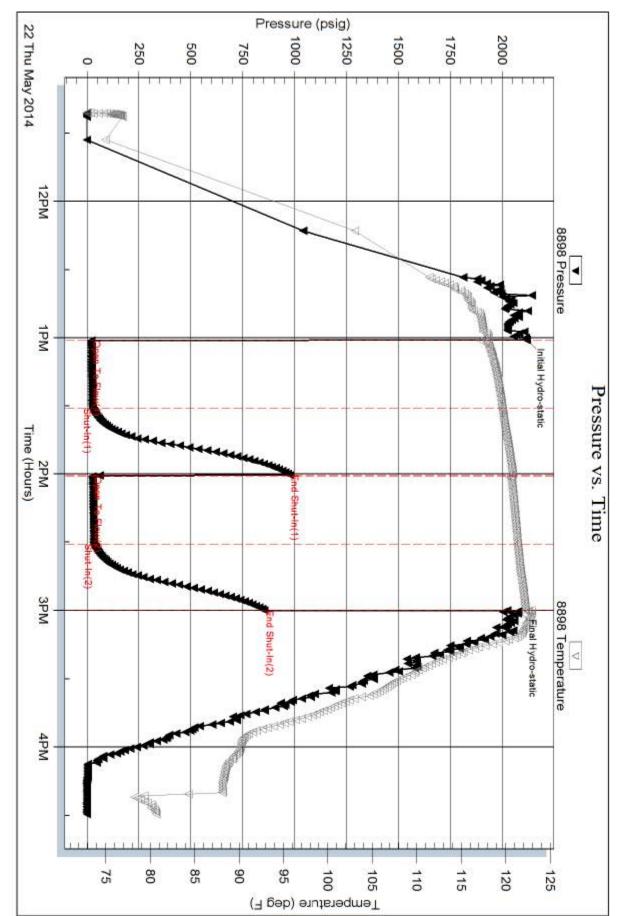
Total Tool Length: 99.00

6 Q A-	RILOBITE	E		ILL STEM TEST REPO			
TESTING, N			Eternit	y Exploration LLC	9-10s-26	w Sheridan,KS	
		ur, INC.		bylass Dr ∥ TX 75019	Werth F Job Ticket	Family #1 :: 58938	DST#: 1
			ATTN:	Scott Alberg		Test Start: 2014.05.22 @ 11:21:02	
/lud and Cu	ushion Inform	nation					
lud Type: G	el Chem			Cushion Type:		Oil API:	deg API
lud Weight:	9.00 lb/ga			Cushion Length:	ft	Water Salinity:	ppm
iscosity:	51.00 sec/	′qt		Cushion Volume:	bbl		
/ater Loss:	9.99 in ³			Gas Cushion Type:			
esistivity:	4300.00 ohm			Gas Cushion Pressure:	psig		
alinity: ilter Cake:	ppm 1.00 inche						
ecovery Ir	nformation						
				Recovery Table			
		Lengti ft	n	Description	Volume bbl	9	
			25.00	OCM 30%O 70%M	0.3	351	
			15.00	Oil 100%O	0.2	210	
			0.00	20 GIP	0.0	000	
	Total I	ength:	40	0.00 ft Total Volume: 0.56	1 bbl		
	TOTAL	engui.					
		luid Sampl		Num Gas Bombs: 0	Seria	al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:			al #:	
	Num Fl Labora	luid Sampl	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	
	Num Fl Labora	luid Sampl atory Nam	es:0 e:	Num Gas Bombs: 0		al #:	

Printed: 2014.05.23 @ 09:41:44

Ref. No: 58938

Trilobite Testing, Inc



Serial #: 8898 Outsi

Outside Elernity Exploration LLC

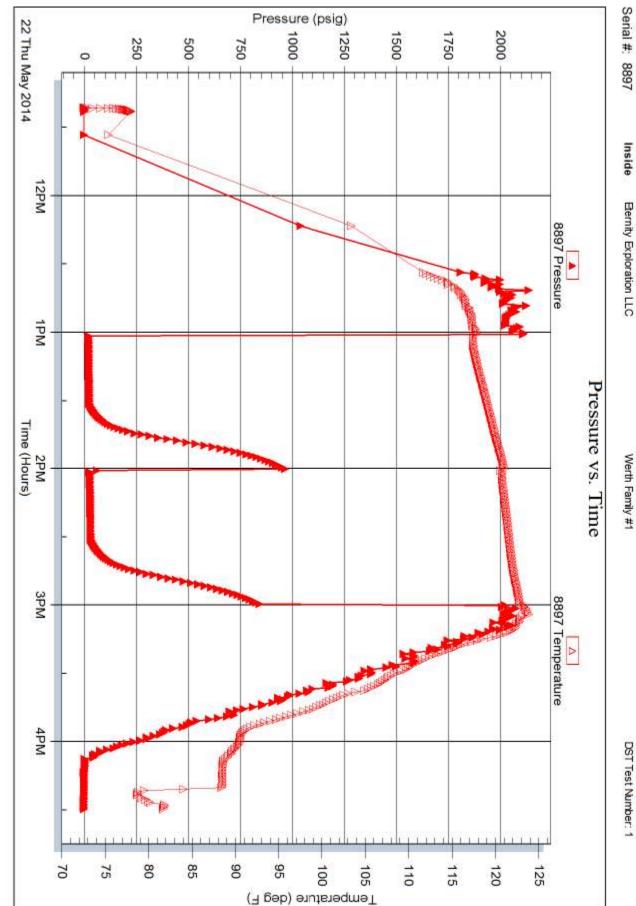
Werth Family #1

DST Test Number: 1

Printed: 2014.05.23 @ 09:41:44

Ref. No: 58938

Trilobite Testing, Inc



DST Test Number: 1

4/10 RILOBITE JESTING INC. 1515 Commerce Parkway	• Hays, Kansas 67601	Test Ticket NO. 58938
Well Name & No. Westh Fanily Company <u>Eternity Exploration</u> Address <u>338 Spy glass Dr.</u> Co. Rep / Geo. <u>Scott</u> Alberg Location: Sec. <u>Twp.</u> <u>TOS</u> Interval Tested <u>4081</u> 4160 Anchor Length <u>791</u>		Date 5-22-14 2629 KB 2624 GL DIF hite Knight #1 priden State K one Mud Wt. 9,3
Top Packer Depth 4016408 Bottom Packer Depth 408 Total Depth 4160 LT Blow Description Fair Glow Gas ba Fair blow built Dead Wo Gas ba	Drill Collars Run Wt. Pipe Run Chlorides <u>4360</u> Ho 4in Ko Sin baek	Vis WL opm System LCM
Rec Feet of Rec \$\$\frace Rec \$\$\frace Feet of \$\$\frace Feet of \$\$\frace	%gas %gas %gas	%oil%water%mud30%oil%water70%mud100%oil%water%mud
Rec Feet of Rec Feet of Rec Total A (A) Initial Hydrostatic A (B) First Initial Flow A		%oil %water %mud %oil %water %mud °F Chlorides ppm T-On Location /
(C) First Final Flow	Safety Joint75 Circ Sub Hourly Standby Mileage 3 & RM	T-Open T-Pulled T-Out Comments
(G) Final Shut-In	120rt 186 Sampler Straddle Shale Packer Extra Packer Extra Recorder	Ruined Packer Ruined Packer Extra Copies
Final Flow 3D	Day Standby Accessibility Sub Total Our Representative	Total

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.