

Kansas Corporation Commission Oil & Gas Conservation Division

1053474

Form ACO-1
June 2009
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
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 #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or 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					
Letter of Confidentiality Received					
Date:					
Confidential Release Date:					
Wireline Log Received					
Geologist Report Received					
UIC Distribution					
ALT I II Approved by: Date:					

Side Two



Operator Name:				Lease l	Name: _			_ Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: She time tool open and clo recovery, and flow rate line Logs surveyed. A	sed, flowing and shues if gas to surface to	t-in pressures st, along with	s, whether s final chart(s	hut-in press	sure read	ched static level,	hydrostatic press	sures, bottom h	nole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional S		Yes	No			og Formatio	n (Top), Depth ar	nd Datum	;	Sample
Samples Sent to Geol	ogical Survey	Yes	No		Nam	е		Тор	[Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy		Yes Yes Yes	No No No							
List All E. Logs Run:										
		Report a		RECORD	Ne	w Used	on, etc.			
Purpose of String	Size Hole Drilled	Size C Set (In		Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
		Δ	ADDITIONAL	CEMENTIN	NG / SQL	 EEZE RECORD				
Purpose:	Depth	Type of (# Sacks			Type and F	Percent Additives		
Perforate Top Bottom Protect Casing										
Plug Back TD Plug Off Zone										
r lug on zone										
Shota Par Foot	PERFORATI	ON RECORD -	- Bridge Plug	s Set/Type		Acid, Fra	cture, Shot, Cemen	t Squeeze Recor	d	
Shots Per Foot	Specify	Footage of Each	h Interval Perf	orated		(Ai	mount and Kind of Ma	aterial Used)		Depth
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN	_	roducing Meth	nod:	g 🗌	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:	'	ħ.	METHOD OF	COMPLE	TION:		PRODUCTION	ON INTER	VAI ·
Vented Sold		Oper	n Hole	Perf.	Dually	Comp. Cor	nmingled			
(If vented, Sub		O+b-	or (Specify)		(Submit)	ACO-5) (Sub	mit ACO-4)			



Exploration

TICKET 19531

Services, Inc. INVOICE INSTRUCTIONS WELL/PROJECT NO. TICKELTYPE CONTRACTOR

ET SERVICE

SALES

WELL TYPE

WELL CATEGORY CITY, STATE, ZIP CODE Bety Weith De Will opment COUNTYPARISH

CAJ - OL h & M

RIG NAMEINO. SHIPPED STATE CITY ORDER NO. 2-22-11 WELL LOCATION OWNER Same

Thank You!	2				VAL	APPROVAL	TOR MILL Y	SWIFT CPERATOR
		d on this ticket.	s and services liste	es receipt of the material	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket	CUSTOMER ACCEPTANCE OF M.		,
17,466 61	OIAL	POND	CUSTOMER DID NOT WISH TO RESPOND	CUSTOMER DID	780-7300	1	7 12 1	
-			S NO NO	ARE YOU SALISHED WITH OUR SERVICE?		US/	0 - 0 - 0 TIME SIGNED	DATE SIGNED
11 140	Craham 7.55%			WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	P.O. BOX 466		RK OR DELIVERY OF GOODS	TART OF WOR
16525 50			(77)	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	SWIFT SERVICES, INC.	AGENT PRIOR TO	LIMITED WARRANTY provisions. MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO	LIMITED V
0110	12 500	+		WE UNDERSTOOD AND	WE	EASE, INDEMNITY, and	but are not limited to, PAYMENT, RELEASE, INDEMNITY, and	but are not
8315 00		DECIDED AGREE	AGREE	SURVEY OUR EQUIPMENT PERFORMED WITHOUT RREAKDOWN?	REMIT PAYMENT TO:	nowledges and agrees to side hereof which include,	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include,	LEGAL TE
200 00			1600		Additional Hrs			580
20000	20000		1 54		D.V'LO. Plug & Ballle	_		417
1350 00	85-00	_	3 60	30	Recipo /	_		1114
260000	2600 00	_	140		D.V. Teel w/Plugset	_	7	804
275 00	275	_	100	6/1	Insert Float Shoe wil	_	7	407
400 00	200 00		2 54		Baskets	,	V9	405
6	5-3-50	2 1	2000	1,	Contralizers	,	2	402
14000	35-00		100	4	D-Air	_	3	290
500 00	100		Oya /	500	Mudflush	`		184
5000	25-00		2/2/		KCL, 0	,		221
175000	175000	4070'	1 00 40		Pamp Charge (2-Stage)	`		579
300 00	5-00		3	60	MILEAGE #///	/	5	5775
AMOUNT	PRICE	Y. UM	U/M QTY.	QTY.	DESCRIPTION	LOC ACCT DF	VCE PART NUMBER	REFERENCE

TICKET CONTINUATION

285	284	283	276	330	325	CE	PRICE SECONDARY REFERENCE/	Senuices, Inc.	SWIFT
2	ю	2	2	o	2	LOC ACCT OF	ACCOUNTING	Off: 785-798-2300	PO Box 466.
CFR	Calsed	Salt	15/0ce/e	SMO Coment	Standard Coment		DESCRIPTION	custower tensity Exploration WE Bothy Werth	TICKET CONTINUATION
100 # 051%	8 5ks 5 %	900 # 10 %	100 4 14 18h	225 sks	175 sks	QTY. UM QTY. UM		ME BOHY WEATH	
400	30,00	5/	1/40	15 000	12 00	PRICE	UNIT	DATE -22-11	No. 195
100 00	240 00	13000	150 00	337500	2100 00	TNUOWA		PAGE OF 2	18

SERVICE CHARGE

CHARGE TOTAL WEIGHT



CONTINUATION TOTAL

8210 50

1210 50 600000

1210,5

80

TON MILES CUBIC FEET

JOB LO							ices, Inc.	DATE 2-22-11
Eter	nity	Explorat	WELL NO.	t/	B-Hy	Wer	th JOB TYPE 2-stage	TICKET NO. 195 3
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSU	RE (PSI)	DESCRIPTION OF OPERATION	
	0500						onloc WIFE	
							RTD 4070'	
							52" x 14# x 4070'x 3	51
		-	-				Scratchers 1-7 4/00	
		-	-		-		Cent. 1-8,10,44	Advantage Market Control
		-			-	-	Basket 99, 45	
	****	-	-		-	-	D.V. 99 @ 2119'	
	0615		-				Start Float Equipm	rest
	0815	- //		-			Break Circulation Start Proflusher 20	east at 101
	1015	5.5	0		-	200	Start Preflushes 20	The KCLPIA
	1023	5,5	32/0			250	Jian - Emen 1503	ts EA-2
	1020		36				End Cement	. 0/
	1030	6	0				Wash PAL Drop L.	
	1641	5	_		-	200	Start Desplacement	48utr 50,5
	1047	3	98,5	_	7	300	Catch cenent	2
	1011		10,5			1400	Rand Plug	
							Release pressure Float Held	
							2 2 1/ /	1 = 1
	1100					1000	Drop Opening Play a	rashuptrk
						1000	Plagett 255ks	FA-2
	1240	4	0			100	Stat KCI DI	1-17-6
	1245	5	20/0			150	Start Co + 12	5sks SMD
	315		125			7,50	End Cenert	33KS 3/110
							Prop Closing Plan	
	1318	5	0				Start Displacemen	
		4	10				Circ. Cement	/
/	1332		32				Land Plag	
							CITC 70 sks to	pt
							, , ,	
							Thank you	
_				\perp				
-							Nick, Josh F. 8	30h n
							,	

17					
DATE 2/15/11 SEC. 7	RANGETWP. 10 -25	CALLED OUT	ON LOCATION	JOB START	JOB PINISH
LEASE Botty	Werth	· ·		COUNT& 4	STATES
LEASE B-OTTY	WEFTE	WELLS			
L					
CONTRACTOR 4/ 4/ L		OWNER	1		7
CONTRACTOR W W		UWNER		+	+
HOLE SIZE /2 1/4	r.D. 234	ODAKDAYO	1/2		+
CASING SIZE 8 3/8	DEPTH 227	CEMENT	160		+
TUBING SIZE	DEPTH 227	AMOUNT ORDERED		+	
DRILL PIPE 4 1/7.	DEPTH		+	+	+
TOOL	DEPTH		+	+	+
PRES. MAX	MINIMUM	COMMON	160	@14 25	+
	SHOE JOINT	POZMIX	100	@/7	
CEMENT LEFT IN CSG.	SHOE JOUT!	GEL	3	@ 2/	+
PERFS			15	@ 26	
PERFS		CHLORIDE	.5	@ 52	+
EQUPIMENT		ASC	+	@	-
EQUITMENT				@	+
DIAS TRUCK				@	+
PUMP TRUCK			-	@	+
#				@	
BULK TRUCK				@	
#				@	
BULK TRUCK				@	
#				@	
				@	
-,		HANDLNG	168	@ 1 25	327,60
		MILEAGE	31	@ 1513-	468.72
			1	TOTAL	
REMARKS		SERVICE Su-	fere		
	10. 10:45	DEPT OF JOB	1	@	-
Plus Vown	10.75	PUMP TRUCK CHARGE		@	95030
1 0		EXTRA FOOTAGE		@	
		MILEAGE	31	@ 630	201 30
	1 0 /	MANIFOLD		@	
Line la	ment to Pit			@	
				TOTAL	
CHARGE TO: Eternity					
	STATE				
	resis	1			
CITY	ZíP				

To: Schippers Oil Field Service LLC You are hereby requested to rent cementing equipment and furnish staff 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT		
	@	
	@	
	@	
	e	
	@	
	TOTAL	
TAX		
TOTAL CHARGE		
DISCOUNT (IF PAID IN 20 DAVS)		

SIGNATURE Maul Boggo

PRINTED NAME MOLK BISGO

PAGE 01/03

SOSFFC

04/01/5011 13:31 17856759938



Eternity Exploration, LLC

338 Spyglass Dr. Coppell, TX 75019

ATTN: Jim Musgrove

Betty Werth #1

7/10s/25w Graham KS

Job Ticket: 040831 DST#: 1

Test Start: 2011.02.19 @ 12:30:00

GENERAL INFORMATION:

Formation: Toronto - LKC "D"

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

Time Tool Opened: 14:51:00 Time Test Ended: 20:23:00

Interval: 3751.00 ft (KB) To 3864.00 ft (KB) (TVD)

Total Depth: 3864.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair Hole Diameter:

Tester:

Unit No: 46

James Winder

Reference Elevations:

2548.00 ft (KB)

2543.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8366 Inside

Press@RunDepth: 479.51 psig @ 3752.00 ft (KB) Capacity: 8000.00 psig

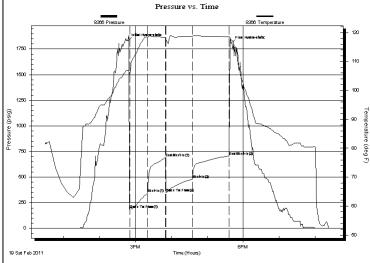
Start Date: 2011.02.19 End Date: 2011.02.19 Last Calib.: 2011.02.19 Start Time: 12:30:05 End Time: 20:22:59 Time On Btm: 2011.02.19 @ 14:48:00 2011.02.19 @ 17:40:00 Time Off Btm:

TEST COMMENT: IF: Blow built to BOB (11 1/2") in 2 1/2 min.

ISI: Bled off for 5 min., Blow back built to BOB in 8 3/4 min.

FF: Blow built to BOB in 2 1/4 min.

FSI: Bled off in 3 min.. Blow back built to BOB in 9 m



PRESSURE SUMMARY

			_ O O O I	LE CONTINUTATE
Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1831.04	106.84	Initial Hydro-static
	3	185.67	105.86	Open To Flow (1)
	33	344.65	118.27	Shut-In(1)
_	62	690.26	118.34	End Shut-In(1)
Temperature	63	349.92	118.06	Open To Flow (2)
rature	108	479.51	118.79	Shut-In(2)
(deg F)	169	706.40	118.52	End Shut-In(2)
J	172	1806.64	117.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	GWMO 37%o, 29%m, 17%w , 17%g	0.61
62.00	SW/GOM 33%m, 30%g, 28%o, 9%w	0.87
124.00	GMCO 53%o, 30%g, 17%m	1.74
248.00	GOM 49%m, 35%o, 16%g	3.48
687.00	CGO 55%o, 41%g, 4%m	9.64
0.00	GIP = 2503	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc. Ref. No: 040831 Printed: 2011.02.20 @ 08:02:18 Page 1



FLUID SUMMARY

ppm

Eternity Exploration, LLC

Betty Werth #1

338 Spyglass Dr. Coppell, TX 75019 7/10s/25w Graham KS

Job Ticket: 040831

DST#: 1

ATTN: Jim Musgrove

Test Start: 2011.02.19 @ 12:30:00

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: 38 deg API

Cushion Length: Mud Weight: 9.00 lb/gal ft Viscosity: bbl

59.00 sec/qt Cushion Volume:

Water Loss: 6.00 in³ Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 3300.00 ppm Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	GWMO 37%o, 29%m, 17%w, 17%g	0.610
62.00	SW/GOM 33%m, 30%g, 28%o, 9%w	0.870
124.00	GMCO 53%o, 30%g, 17%m	1.739
248.00	GOM 49%m, 35%o, 16%g	3.479
687.00	CGO 55%o, 41%g, 4%m	9.637
0.00	GIP = 2503	0.000

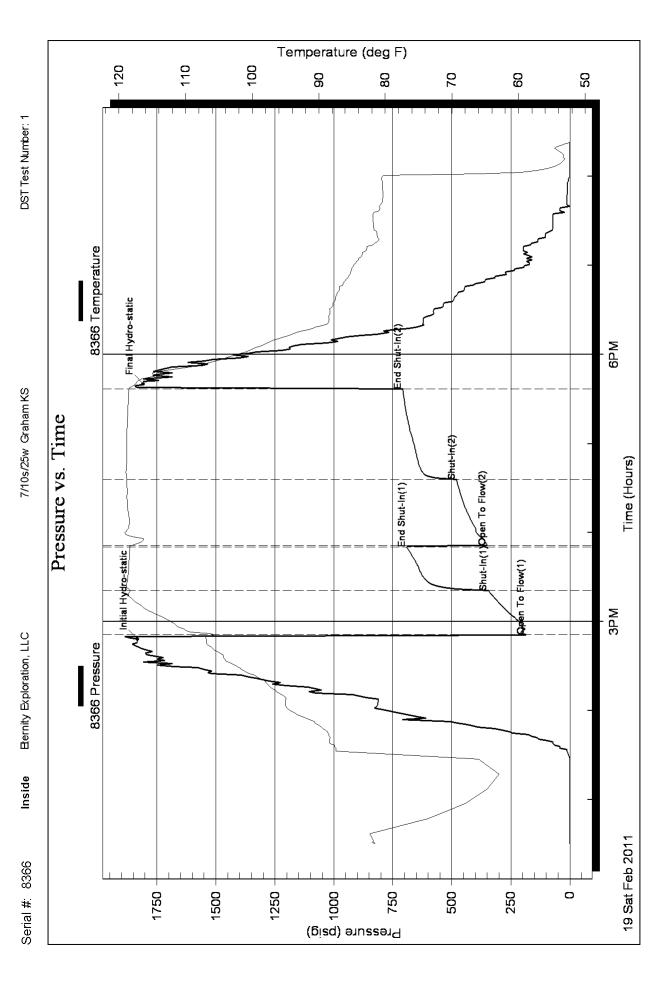
Total Length: 1245.00 ft Total Volume: 16.335 bbl

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

Laboratory Name: Laboratory Location: Recovery Comments: Gravity = 37.2 api @ 52 deg F

Corrected Gravity = 38 api

Trilobite Testing, Inc Ref. No: 040831 Printed: 2011.02.20 @ 08:02:20 Page 2



Page 3 Printed: 2011.02.20 @ 08:02:20 040831 Ref. No: Trilobite Testing, Inc



Eternity Exploration, LLC

338 Spyglass Dr. Coppell, TX 75019

ATTN: Jim Musgrove

Betty Werth #1

7/10s/25w Graham KS

Job Ticket: 040832 DST#: 2

Test Start: 2011.02.20 @ 04:17:00

GENERAL INFORMATION:

Formation: LKC "E"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:54:00 Time Test Ended: 10:18:30

Interval: 3860.00 ft (KB) To 3888.00 ft (KB) (TVD)

Total Depth: 3888.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair Test Type: Conventional Bottom Hole

Tester: Unit No: 46

James Winder

Reference Elevations:

2548.00 ft (KB)

2543.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8366 Inside

Press@RunDepth: 3861.00 ft (KB) 130.25 psig @

Start Date: 2011.02.20 End Date: 2011.02.20

Capacity: Last Calib.: 8000.00 psig

Start Time: 04:17:05

End Time:

10:18:29

Time On Btm:

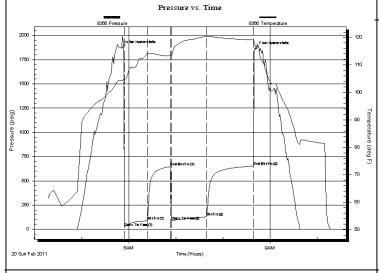
2011.02.20 2011.02.20 @ 05:51:00

Time Off Btm:

2011.02.20 @ 08:41:30

TEST COMMENT: IF: Blow built to 8 1/2"

ISI: Bled off. No blow back FF: Blow built to 8 1/2" FSI: Bled off. No blow back



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1870.43	104.41	Initial Hydro-static
3	24.11	104.52	Open To Flow (1)
33	89.36	114.18	Shut-In(1)
62	646.69	113.53	End Shut-In(1)
63	91.65	113.68	Open To Flow (2)
108	130.25	120.43	Shut-In(2)
168	652.34	119.16	End Shut-In(2)
171	1860.78	116.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MCW 84%w, 16%m, Trace oil	0.61
111.00	MCW 65%w, 35%m, Trace oil	1.56

Gas Rates

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

Trilobite Testing, Inc. Ref. No: 040832 Printed: 2011.02.20 @ 12:28:56 Page 1



FLUID SUMMARY

Eternity Exploration, LLC

Betty Werth #1

338 Spyglass Dr. Coppell, TX 75019 7/10s/25w Graham KS

Job Ticket: 040832

DST#: 2

ATTN: Jim Musgrove

Test Start: 2011.02.20 @ 04:17:00

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: 62000 ppm

Viscosity: 59.00 sec/qt Cushion Volume: bbl

Water Loss: 5.99 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 3300.00 ppm Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	MCW 84%w, 16%m, Trace oil	0.610
111.00	MCW 65%w, 35%m, Trace oil	1.557

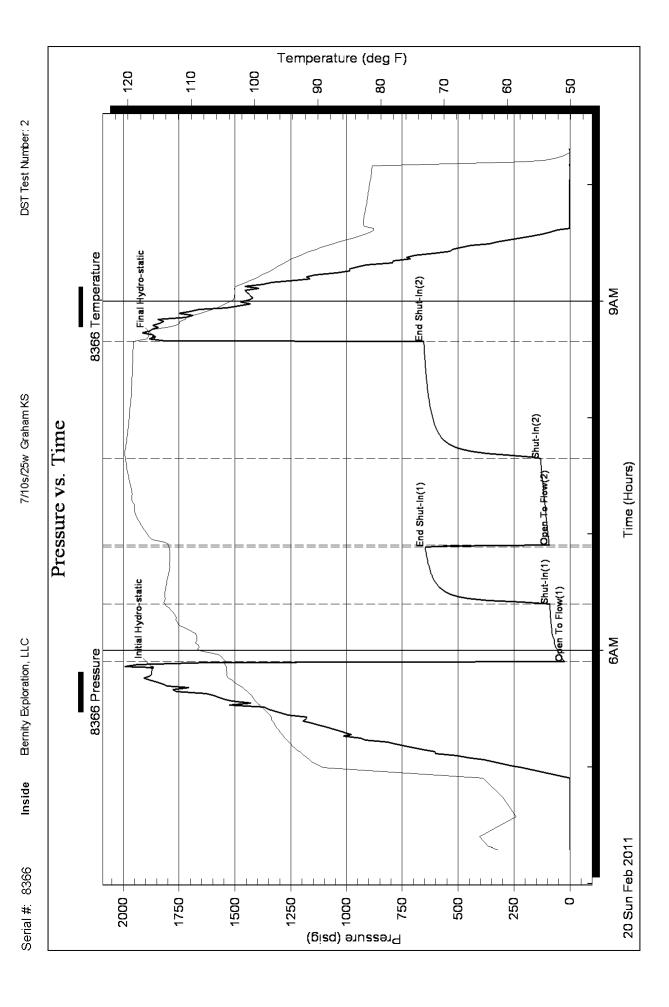
Total Length: 235.00 ft Total Volume: 2.167 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW = .153 ohms @ 56 deg F
Chlorides = 62,000 ppm

Trilobite Testing, Inc Ref. No: 040832 Printed: 2011.02.20 @ 12:28:56 Page 2



Page 3 Printed: 2011.02.20 @ 12:28:57 040832 Ref. No: Trilobite Testing, Inc

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/

Thomas E. Wright, Chairman Ward Loyd, Commissioner Corporation Commission

Sam Brownback, Governor

April 06, 2011

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

Re: ACO1 API 15-065-23715-00-00 Betty Werth 1 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