Confidentiality Requested: Yes No

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

1163142

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.xxxxx) (e.gxxx.xxxxx)				
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84				
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
New Well Re-Entry Workover	Field Name:				
	Producing Formation:				
	Elevation: Ground: Kelly Bushing:				
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:				
OG GSW Temp. Abd. 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 Monogoment Dien				
Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
	Chloride content: ppm Fluid volume: bbls				
Commingled Permit #:	Dewatering method used:				
Dual Completion Permit #:	Dewalening method used.				
SWD Permit #:	Location of fluid disposal if hauled offsite:				
ENHR Permit #:	Operator Name:				
GSW Permit #:	Lease Name: License #:				
	Quarter Sec TwpS. R East West				
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date or Recompletion Date or					
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	1163142
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS. Chow important tang of formations ponetrated	Dotail all cores Report al	I final copies of drill stome 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 Shee	ets)	Yes No		0	on (Top), Depth ar		Sample
Samples Sent to Geologic	cal 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 / SQL	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	

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

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

163	
Yes	No
Yes	No

 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			A		ement Squeeze Record d of Material Used)	Depth			
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner Ru	in:	No	
Date of First, Resumed Production, SWD or ENHR. Producing Method: □ Flowing □ Pumping □ Gas Lift Other (Explain)										
Estimated Production Per 24 Hours		Oil Bbl	S.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF (GAS: METHOD OF COMPLET			TION:		PRODUCTION INT	ERVAL:		
			Commingled							
(If vented, Su	bmit ACC	D-18.)		Other (Specify)		(Submit /	400-5)	(Submit ACO-4)	- <u></u>	

Form	ACO1 - Well Completion		
Operator	Castle Resources, Inc.		
Well Name	Clayton Engle 1		
Doc ID	1163142		

All Electric Logs Run

Dual Compensated Porosity
Dual Induction
Sonic Cement
Micro Resistivity

Form	ACO1 - Well Completion		
Operator	Castle Resources, Inc.		
Well Name	Clayton Engle 1		
Doc ID	1163142		

Tops

Name	Тор	Datum
Anhydrite	1437-78	+695
Heebner	3488	-1256
Toronto	3508	-1276
LKC	3530	-1298
ВКС	3778	-1546
Marmaton	3816	-1584
Arbuckle	3866	-1634
RTD	3942	-1710

			WELL NO. 7				UICES, IUC.	2-13 PAGE NO
	<u>2500</u>	MEES		7/	Clayto	n El	ngle JOB TYPE TICKET NO.	4928
_	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSUE	RE (PSI) CASING		
	1100						ogloc u/FE	
-					<u> </u>			· · · · · · · · · · · · · · · · · · ·
						<u> </u>	RT0 3942'	
						-	5'2"×17#×3438'×21'	
							02 ATT X3438 X21	
					<u> </u>	-	Cent 1, 8, 4, 12, 53	
	-						Bask 4,64 P.C. 64@ 1552'	
	-	<u> </u>					F.C. 64 (4 1532	
	12.45					<u> </u>		-
						<u> </u>	Start FE	
·	1515					<u> </u>	Break Circ	
	1			<u> </u>				
	1545 1550		+				Plug RH 30sks EA-2 Stort 500gal Madflush	
	1550	5	0		 	200	Start Soogal Madflush	
<u></u> ,		5	12/0			200	Start 20 bbl KCL flush	
<u></u>		_5	20/0			200	Start 1455ks EA-2 cem	rat
	1005		35	·		ļ	End Lement.	
							Wash PtL	
							Drop L. D. Plag Start Displacement	· · · · · · · · · · · · · · · · ·
	1610	6	0			150	Start Displacement	
		5	60			200	Catch Coment	
	1625		91			1200	2 Land Plug	
						/	Release Pressure Float Held	
							Float Held	
		-						
					· · · · · · · · · · · · · · · · · · ·			
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							Thank you	<u></u>
							Nick, David E, + Isaa	
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Mit	Ulru (12-13	LIMITED WARRANTY provisions. MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OB-DELIVERY OF GOODS	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and	467	406	403	2902	181	578	575	PRICE SECONDAR REFERENCE PART	TIONS $\zeta : \chi , \chi $
N.	TIME SIGNED /6 45 B P.M.	INS.	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and	/		· /	<u> </u>				SECONDARY REFERENCE/ ACCOUNTING PART NUMBER LOC ACCT I	CHARGE T ADDRESS CITY, STAT CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR
APPROVAL APPROVAL	NESS CITY, KS 67560 785-798-2300	SWIFT SERVICES, INC.	REMIT PAYMENT TO:	Easert Float Sher u	LD Plug + Battle	· B>-	D-Air Crater/inser	Mudplush	Papp Charge Charge String	MILEAGE #111	DF DESCRIPTION	TO: Castle Resources
dges receipt of the materials and services listed on this ticket.		MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMEN LOB	SURVEY AGREE UN- DIS- DECIDED DIS- AGREE OUR EQUIPMENT PERFORMED METHOUT BREAKDOWN? METHOUT BREAKDOWN? METHOUT BREAKDOWN?	14:11 1 20 1	100	f		500 001	2 44 3942 1		OTY. J UM OTY. J UM	STATE CITY DATE KS SHIPPED DELIVERED TO VIA VIA VIA VIA VIA VIA VIA VIA
Thank You!	10TAL 11,535 45	11006	PAGE TOTAL 1 6569 00 page 2 4437 00	 325	200 N	5700	6.0	1 25 625 00	21 00	6 00 90 00	UNIT AMOUNT	

	-						292	585	276	PHICE SECONDARY REFERENCE/ REFERENCE PART NUMBER	SWIFT
2	۲						M 7		2		PO Box 466 Ness City, KS 67560 Oft: 785-798-2300
CHARGE TOTAL WEIGHT LOADED MILES	SERVICE CHARGE 1752					110100000000000000000000000000000000000	2	Salt	tand		TICKET CONTINUATION
24	CUBIC FEET					 8717	8 sks	50 T	175-53/5-	Clay too Englise 1	Welt / / / / /
CONTINUATION TOTAL CONTINUATION TOTAL						2125 620 0.0		2 60 100 00	14 60	9-2-/3	24928 1949

Thank You!								N. K.	4
		pt of the materials and services listed on this ticket.	nd services list	è materials ai		ER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby adknowledges rece	ER ACCEPTANCE OF MAT	UTU MUTU MUTU MUTU MUTU MUTU MUTU MUTU	I OPERATOR
6067 08	TOTAL	SPOND	CUSTOMER DID NOT WISH TO RESPOND	TOMER DID NO		785-798-2300	A AM	TIME SIGNED	SIGNED
201 72	E11.5 6.15%		SERVICE?	TOUL PERAL	THE OPERATED THE EQUIPMENT			BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO	TOF WORK OR DEAD
• • •					MET YOUR NEEDS? OUR SERVICE WAS	SWIFT SERVICES. INC.	NDEMNITY, and	are not limited to, PAYMENI, RELEASE, INDEMNITY, and ITED WARRANTY provisions.	are not limited to, PAYMENI, IITED WARRANTY provisions
96 5985	PAGE TOTAL	UN- DECIDED AGREE	AGREE	VEY PERFORMED YOWN?	SURVEY OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	REMIT PAYMENT TO:	es and agrees to ef which include,	SAL TERMS: Customer hereby acknowledges and agrees to terms and conditions on the reverse side hereof which include,	SAL TERMS: C
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3000	89		JAN	57	Y	MILEAGE TRK 114	•		210
AMOUNT	UNIT PRICE	QTY. UM	UM Q	QTY.		DF	LOC ACCT [SECONDARY REFERENCE/ PART NUMBER	REFERENCE
	22 61 24						TIONS	INVOICE INSTRUCTIONS	RRAL LOCATION
	WELL LOCATION	WELL	NO.	WELL PERMIT NO		CATEGORY JOB PURPOSE AND AND MULTIC COMPARING MALE OF MALE	WEL	WELL TYPE	
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VER	SEP 13 OWNER	9	51/13	I3 AUD	STAJE KS	WHAN ENGLE COUNTYPARISH		KS WELLIPROJECT NO.	ICENOCATIONS
	PAGE 1					CODE	CITY, STATE, ZIP CODE	ices, Inc.	Services,
00	TICKET Nº 24918					Costle Recorces	CHARGE TO: ADDRESS	VIFT	32

100 LOO SWIFT Services, Inc. 195813 PAGE NO. CHETCE RESOURCES WELL NO. center pait collar LEASE lay ton Evigle +L/ TICKET NO 4918 CHART NO. PRESSURE (PSI) UBING CASING PUMPS RATE (BPM) VOLUME (BBL) (GAL) TIME DESCRIPTION OF OPERATION AND MATERIALS T C TUBING 17552 SmDus in + flocele 23×52 Poet coller 1504' OW TRE 114 100 on <u>A10</u> 2000 lost to 100 psi - held 1000 poet coller open OJIS 3 pm @ 520 2 500 FAN 434 434 il and Mix SML 093 500 ÌĎ 500 Surac 431 84 0450 700 a ю Orner 1605km pit 42 Disple 5 700 4. D close port - collap 0457 1000 1000 to 1000 psi - hola test Storits Ron Reverse 1005 le clan 20 2 cem + logs Uash 10/5 terck RACE <u>up</u> 1045 job complete see for lit 7. Jairos DAVe,

SCHIPPER'S OIL FIELD SERVICES, L.L.C. 7000

TOTAL _

IF PAID IN 30 DAYS

REMIT TO	18048 170R	n					
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	RUSSELL, H	XS 67665		JI.	SKVICE POINT:		
			······		<u></u>	<u>48 - 1600</u>	<u>e 65</u>
DATE S/20/ 2	SEC.	TWP.	RANGE	CALLED OUT		_	
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DRILL PIPE TOOL			РТН			<u> </u>	
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DISPLACEMENT				GEL		@	· ·
DIBLACEMENT				CHLORIDE		@	· · · · · · · · · · · · · · · · · · ·
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A la ta i	and tak	<u> </u>	215				
		<u></u>			SERV	ICE	
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CITYS	TATE	— ZIP	Š.			TOTAL	
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Schippers Oil Field Ser	vices, L.L.C.	,					
IUW WY HELEAV TAMDA	stad to u		couinment and				
furnish cementer and h do work as is listed. T	elper(s) to as	sist owner	Of Confractor to		@_		
do work as is listed. T and supervision of own	ne above woi	rk was don	e to satisfaction		@ _		
and supervision of own understand the "GENI	ter agent or c	ontractor.	I have read and		@ _ @ _		
understand the "GENI listed on the reverse sid	ERAL TERM	IS AND	CONDITIONS"				
listed on the reverse sid	e.	<i>y</i>					

SALES TAX (If Any)_

DISCOUNT

TOTAL CHARGES ____

PRINTED NAME A. Euro SIGNATURE



DRILL STEM TEST REPORT

Prepared For:

Castle Resources Inc

Box 87 Schoenchen KS 67667-0087

ATTN: Jerry Green

Clayton-Engle #1

36-13s-20w Ellis,KS

Start Date:	2013.09.01 (@ 13:30:00	
End Date:	2013.09.01 (@ 00:00:00	
Job Ticket #:	54805	DST #:	1

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

Printed: 2013.09.04 @ 14:59:02

TRILOBITE	DRILL STEM TEST	REPO	the second s	
	Castle Resources Inc		36-13s-20w Ellis,K	5
ESTING , INC	Box 87 Schoenchen KS 67667-0087		Clayton-Engle #1 Job Ticket: 54805	DST#:1
	A'TTN: Jerry Green		Test Start: 2013.09.01	@ 13:30:00
BENERAL INFORMATION: formation: Marmaton Deviated: No Whipstock: Time Tool Opened: 00:00:00 Time Test Ended: 00:00:00 Interval: 3818.00 ft (KB) To 38 Total Depth: 3942.00 ft (KB) (T) Hole Diameter: 7.88 inchesHol Serial #: 8369 Inside Press@RunDepth: psig Start Date: 2013.09.01 Start Time: 13:15:28	√D) ∋ Condition: Fair 	2013.09.01 18:40:22	Test Type: Convention Tester: Ray Schw Unit No: 70 Reference Elevations: KB to GR/CF Capacity: Last Calib.: Time On Btm: Time Off Btm:	2232.00 ft (KB) 2227.00 ft (CF)
TEST COMMENT: No packer seat			PRESSURE SU Pressure Temp Anno (psig) (deg F)	MMARY otation
Length (ft) Description. 1600.00 Mud	y Volume (bbl) 22.44		Gas Rat Choke (inches)	es Pressure (psig) Gas Rate (Mo
				.09.04 @ 14:59:03

RILOBITE	DRILL STEM TE	STREPO	JNT				
	Castle Resources Inc		36-1	13s-20w	Ellis,KS	-	<u></u>
ESTING , INC	Box 87 Schoenchen KS 67667-0087			yton-Er Ticket: 54	-	DST#:	
	ATTN: Jerry Green				,000 013.09.01 @		1
GENERAL INFORMATION:							
Formation: Marmaton Deviated: No Whipstock: Time Tool Opened: 00:00:00 Time Test Ended: 00:00:00	ft (KB)		Test Test Unit	er:	Convention Ray Schwa 70	al Straddle (l ager	nitial)
Interval:3818.00 ft (KB) To382Total Depth:3942.00 ft (KB) (TVHole Diameter:7.88 inchesHole	D)		Refe	erence Ele KB t	evations:	2232.00 2227.00 5.00	ft (CF)
Serial #: 8374 Below (Strado							
Press@RunDepth: psig Start Date: 2013.09.01 Start Time: 13:15:20	 3833.00 ft (KB) End Date: End Time: 	2013.09.01 18:22:59	Capacity: Last Calib Time On E	o.:		8000.00 2013.09.01	psig
		10122.00	Time Off I				
Pressure vs. Ti [3]		Time	PR	ESSUF Temp	RE SUMM		
		Time (Min.)					
		(Min.)	Pressure	Temp (deg F)			
Recovery Length (ft)	Volume (bbl)	(Min.)	Pressure	Temp (deg F)	Annotati s Rates	on	is Rate (Mct/d)
Recovery		(Min.)	Pressure	Temp (deg F)	Annotati s Rates	on	is Rate (Mct/d)
Recovery Length (ft)	Volume (bbl)	(Min.)	Pressure	Temp (deg F)	Annotati s Rates	on	s Rate (Mcf/d).
surface Recovery Length (ft) Description	Volume (bbl)	(Min.)	Pressure	Temp (deg F)	Annotati s Rates	on	s Rate (Mct/d).

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TRILOBITE	DRILL STEM TES	T REP	ORT		
	Castle Resources Inc	·	36-13s-2	20w Ellis,KS	3
ESTING , INC	Box 87 Schoenchen KS 67667-0087		Claytor Job Ticke	-Engle #1 : 54805	DST#:1
	ATTN: Jerry Green			: 2013.09.01 (@ 13:30:00
GENERAL INFORMATION:					
Formation:MarmatonDeviated:NoWhipstock:Time Tool Opened:00:00:00Time Test Ended:00:00:00	ft (KB)		Test Type Tester: Unit No:	c: Convention Ray Schw 70	nal Straddle (Initial) ager
Interval:3818.00 ft (KB) To38Total Depth:3942.00 ft (KB) (TVHole Diameter:7.88 inchesHole	D)			e Elevations: KB to GR/CF:	2232.00 ft (KB) 2227.00 ft (CF) 5.00 ft
Serial #: 8700 Outside Press@RunDepth: psig Start Date: 2013.09.01 Start Time: 13:15:58	 3819.00 ft (KB) End Date: End Time: 	2013.09.01 18:39:37	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2013.09.01
Pressure vs. Ti	nec [5]			SURE SUM	
		Tīme (Min.)	Pressure Ter (psig) (deg		tion
Recovery		!	₽	Gas Rates	
Length (ft) Description 1600.00 Mud	Volume (bbl) 22.44		Cł	oke (inches) Pres	sure (psig) Gas Rate (Mcf/d)
Trilobite Testing, Inc	Ref. No: 54805		Prin	ted: 2013.09.0	1 @ 14:50:03

		LL STE	EM TEST	REPOR	Т	TOOL DIAGRAM
	Castle	Resources I	nc		36-13s-20w Ellis,KS	;
ESTING	Schoe	nchen KS 67 Jerry Gree			Clayton-Engle #1 Job Ticket: 54805 Test Start: 2013.09.01 (DST#:1 @ 13:30:00
Tool Information						<u></u>
Heavy Wt. Pipe: Length: Drill Collar: Length: Drill Pipe Above KB: 30 Depth to Top Packer: 3811 Depth to Bottom Packer: 382 Interval betw een Packers: 5	7.00 ft Diameter 0.00 ft Diameter 0.00 ft Diameter 0.00 ft 8.00 ft 7.00 ft 9.00 ft 3 Diameter	: 0.00 i : 0.00 i	nches Volume: nches Volume: Total Volume: nches	0.00 bbl 0.00 bbl	Tool Weight: Weight set on Packer Weight to Pull Loose: Tool Chased String Weight: Initial Final	
Tool Description	Length (ft)	Serial No.	Position	Depth (ft) Ac	cum. Lengths	
Change Over Sub	1.00			3798.00		
Shut in Tool	5.00			3803.00		
Hydraulic tool	5.00			3808.00	•	
Packer	5.00			3813.00	21.00	Bottom Of Top Packer
Packer	5.00			3818.00		
Stubb	1.00			3819.00		
Recorder	0.00	8369	Inside	3819.00		
Recorder	0.00	8700	Outside	3819.00		
Perforations	4.00			3823.00		
Blank Off Sub	1.00			3824.00		
Blank Spacing	3.00			3827.00	9.00	Tool Interval
Packer	5.00			3832.00		
Stubb	1.00			3833.00		
Recorder	0.00	8374	Below	3833.00		
Blank Spacing	95.00			3928.00		
Perforations	15.00			3943.00		
Bullnose	3.00			3946.00	119.00 Bo	ttom Packers & Anchor
Total Tool Leng	gth: 149.00					

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		DRI	LL S	TEM TEST	REPOR	Γ		FLUID S	UMMARY
	RILOBITE	Castle	Resource	es Inc		36-13s-20	w Ellis,KS		
	TESTING , INC			67667-0087		Clayton-E		DST#: 1	
		ATTN:	Jerry Gr	reen		Test Start: 2	2013.09.01 @	13:30:00	
Mud and Cu	Ishion Information			· · · · · · · · · · · · · · · · · · ·					
Mud Type: Ga Mud Weight: Viscosity: Water Loss: Resistivity: Salinity: Filter Cake:	el Chem 9.00 lb/gal 48.00 sec/qt 9.36 in ³ ohm.m 7000.00 ppm 1.00 inches			Cushion Type: Cushion Length: Cushion Volume: Cas Cushion Type: Cas Cushion Pressur	e:	ft bbl psig	Oil API: Water Salinity	r:	deg API ppm
Recovery in	formation		-						
-	Lengt ft	h	P	Recovery Table		Volume bbl	1		
	•	500.00	Mud		· · ·	22.44	4		
	Total Length: Num Fluid Sampl Laboratory Nam		00 ft	Total Volume: Num Gas Bombs: Laboratory Locatio	22.444 bbl 0 on:	Serial #	ł.		
	Recovery Comm	ents:				•			
1									
			-						



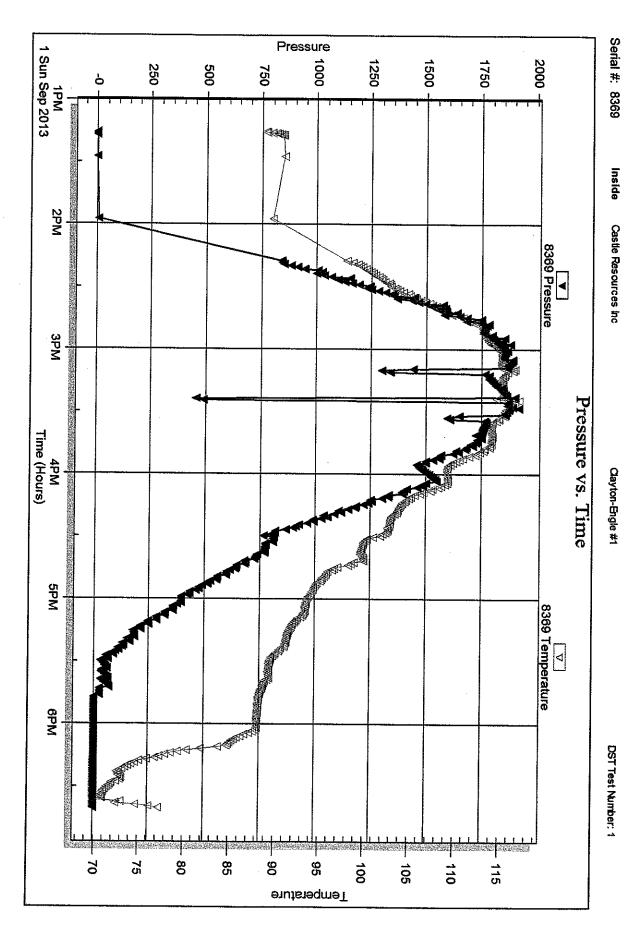
Assessed.

212-115-12



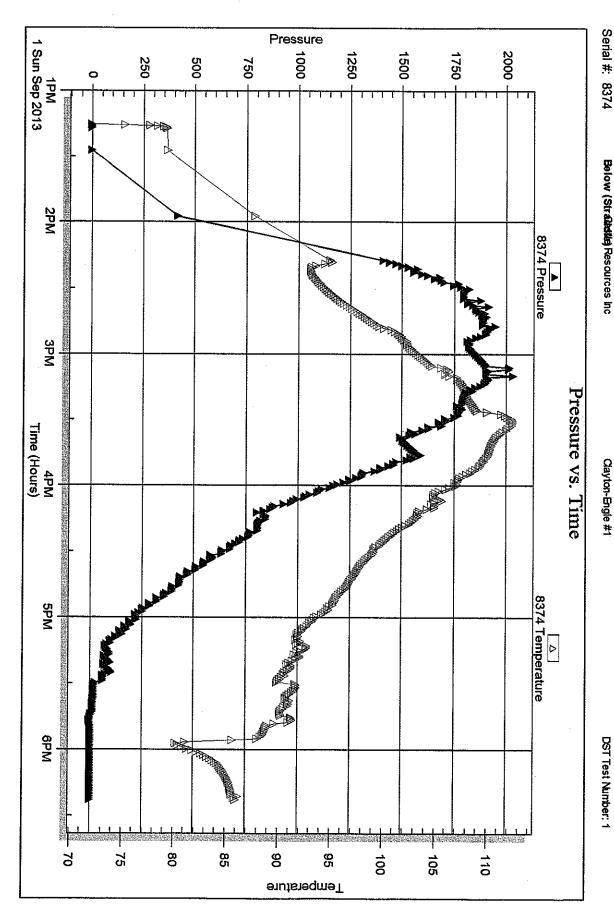






Ref. No: 54805

Printed: 2013.09.04 @ 14:59:04



DST Test Number: 1

Serial #: 8374 Below (StraBtdile) Resources Inc



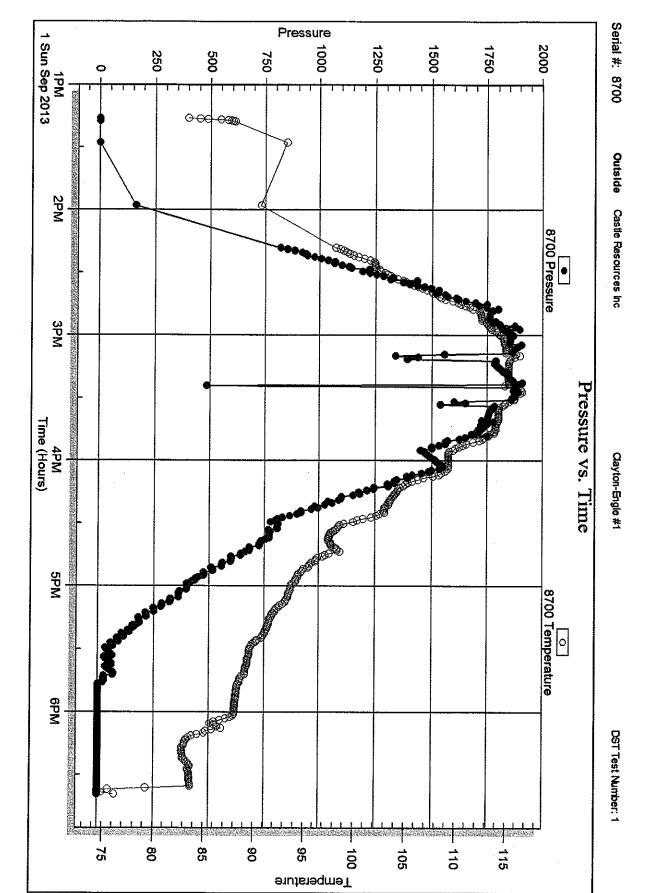
Ref. No:

Trilobite Testing, Inc

244223

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DRILL STEM TEST REPORT

Prepared For:

Castle Resources Inc

Box 87 Schoenchen KS 67667-0087

ATTN: Jerry Green

Clayton-Engle #1

36-13s-20w Ellis,KS

 Start Date:
 2013.09.01 @ 19:05:59

 End Date:
 2013.09.02 @ 02:19:38

 Job Ticket #:
 54806
 DST #:
 2

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

Printed: 2013.09.04 @ 14:58:02

RILOBITE	DRILL STEM TES				
	Castle Resources Inc		36-13s-2	20w Ellis,KS	
ESTING , INC	Box 87 Schoenchen KS 67667-0087		Clayton Job Ticke	1-Engle #1 t: 54806	D\$T#: 2
	ATTN: Jerry Green		Test Start	: 2013.09.01 @) 19:05:59
GENERAL INFORMATION:	. <u></u>	•			
Formation: Marmaton Deviated: No Whipstock: Time Tool Opened: 21:14:24 Time Test Ended: 02:19:38	ft (KB)		Test Type Tester: Unit No:	e: Conventiona Ray Schw a 70	al Straddle (Reset) ger
Interval: 3750.00 ft (KB) To 38 Total Depth: 3827.00 ft (KB) (TN Hole Diameter: 7.88 inchesHole	/D)			e Elevations: KB to GR/CF:	2232.00 ft (KB) 2227.00 ft (CF) 5.00 ft
Serial #: 8369 Inside Press@RunDepth: 40.64 psig Start Date: 2013.09.01 Start Time: 19:05:59	@ 3754.00 ft (KB) End Date: End Time:	2013.09.02 02:19:38	Capacity: Last Calib.: Tīme On Btm: Tīme Off Btm:	2013.09.01 2013.09.02	
TEST COMMENT: 45-IFP-w k bl thru 45-ISIP-no bl 45-FFP-w k bl thr 45-FSIP-no bl	u-out 1/4" bl			SURE SUMM	
		Time	PRES: Pressure Ten		·····
		(Min.) 0 4 50 94 95	(psig) (deg 1824.01 112 17.47 113 28.92 115 916.86 116 31.04 116 40.64 116	F) .83 Initial Hydr .00 Open To F	o-static low (1) n(1) low (2)
		186 189		.66 Final Hydro	• •
anay20 Testing Recovery			1799.56 117		• •
Recovery Length (ft)	Ziten Volume (bbl)		1799.56 117	.66 Final Hydro Gas Rates	• •
Recovery	23mn Volume (bbl) 0.00		1799.56 117	.66 Final Hydro Gas Rates	o-static

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and Research

APPENDED.

変肥	RILOBITE	Castle Resources Inc		36-	13s-20v	w Ellis,KS	;	
	ESTING , INC	Box 87 Schoenchen KS 67667-0087	,		•	ingle #1	DOT // 0	
		ATTN: Jerry Green			Ticket: 5 t Start: 2	2013.09.01 @	DST#: 2 @ 19:05:59	
GENERAL							_	
Formation:	Marmaton							
Deviated: Time Tool Ope Time Test End		ft (KB)		Test Test Unit	ter:	Convention Ray Schwa 70	al Straddle (Res ager	set)
Interval:	3750.00 ft (KB) To 38	27.00 ft (KB) (TVD)		Refe	erence E	Jevations:	2232.00 ft	(KB)
Total Depth: Hole Diameter:	3827.00 ft (KB) (TV : 7.88 inchesHole				VP		2227.00 ft	
					ĸВ	to GR/CF:	5.00 ft	
Serial #: 8 Press@RunDe	•			Capacity:			8000.00	nia
Start Date:	2013.09.01	End Date:	2013.09.02	Last Calib			8000.00 ps 2013.09.02	sığ
Start Time:	19:05:11	End Time:	02:21:35	Time On I Time Off	-			
•••••••	45-FSIP-no bl		Time	PF	RESSU	RE SUMM		
	Pressure vs. Ti			Pressure	Temp	Annotati		
2000	Pressure vs. Ti		(Mīn.)			Annotati		
2300	Pressure vs. Ti	504 Kenpenka	(Mīn.)	Pressure	Temp	Annotati		
	Pressure vs. Ti		(Mīn.)	Pressure	Temp	Annotati		ł
	Pressure vs. Ti		(Min.)	Pressure	Temp	Annotati		
	Pressure vs. Ti		(Mīn.)	Pressure	Temp	Annotati		
	Pressure vs. Ti		(Min.)	Pressure	Temp	Annotati		· · · ·
	Pressure vs. Ti		(Min.)	Pressure	Temp	Annotati		
			(Min.)	Pressure	Temp	Annotati		
	Pressence ves. To		(Min.)	Pressure	Temp	Annotati		
50 523 50 523 23 5 23 5 10 10 20 1 10 10 10 10 10 10 10 10 10 10 10 10 10 1	Pressence vs. To		(Min.)	Pressure	Temp (deg F)	Annotati as Rates	ion	
	Pressence ves. To		(Min.)	Pressure	Temp (deg F)	Annotati as Rates		ate (M
200 g = 20 200 g = 200 g = 20 200 g = 200 200 g = 200 200 g = 200 200 g =	Pressence ver. TS	2007	(Min.)	Pressure	Temp (deg F)	Annotati as Rates	ion	ate (M
1942 201 Length (ft) 0.00	Pressence vs. To	28m	(Min.)	Pressure	Temp (deg F)	Annotati as Rates	ion	ete (M
1942 201 Length (ft) 0.00	Pressence vs. To	28m	(Min.)	Pressure	Temp (deg F)	Annotati as Rates	ion	ate (M
Length (ft) 0.00	Pressence vs. TS	28m	(Min.)	Pressure	Temp (deg F)	Annotati as Rates	ion	ate (M

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RILOBITE	DRILL STEM TES	ST REP	ORT		
	Castle Resources Inc		36-13s-20	w Ellis,KS	
ESTING , INC	Box 87 Schoenchen KS 67667-0087		Clayton-	-	
	ATTN: Jerry Green		Job Ticket:		DST#: 2
			Test Start:	2013.09.01 @ 19:0	J5:59
GENERAL INFORMATION: Formation: Marmaton					
Formation: Marmaton Deviated: No Whipstock: Time Tool Opened: 21:14:24 Time Test Ended: 02:19:38	ft (KB)		Test Type: Tester: Unit No:	Conventional Stra Ray Schwager 70	addle (Reset)
Interval: 3750.00 ft (KB) To 38;			Reference i	Elevations: 2	232.00 ft (KB)
Total Depth:3827.00 ft (KB) (TVHole Diameter:7.88 inchesHole	•		K	2: B to GR/CF:	227.00 ft (CF) 5.00 ft
Serial #: 8700 Outside		******			5.00 ft
Press@RunDepth: psig @	② 3754.00 ft (KB)		Capacity:	8	00.00 psig
Start Date: 2013.09.01 Start Time: 19:07:45	End Date: End Time:	2013.09.02 02:18:54	Last Calib .:		.09.02
		02.10.04	Time On Btm: Time Off Btm:		
TEST COMMENT: 45-IFP-w k bl thru- 45-ISIP-no bl 45-FFP-w k bl thru 45-FSIP-no bl	-out 1/4" bi	1	PRESSI	JRE SUMMARY	
		Time	Pressure Temp		
		(Min.)	(psig) (deg F		
Recovery			G	as Rates	
Length (ft) Description	Volume (bbl)		Chake	(inches) Pressure (psig) Gas Rate (Mcf/d)
55.00 HO&GCM 5% G35% O60% N	0.00 A 0.77				
* Recovery from multiple tests					
Trilobite Testing, Inc	Ref. No: 54806		Printed	: 2013.09.04 @ 14	:58:02

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RILOBI		stle Resources Ir	nc		36-13s-20w Ellis,K	(S
ESTI		ox 87			Clayton-Engle #1	
	Sc	hoenchen KS 67	667-0087		Job Ticket: 54806	DST#: 2
	A	ATTN: Jerry Green			Test Start: 2013.09.01	@ 19:05:59
Tool Information						
Drill Pipe: Length: 3	736.00 ft Diam	neter: 3.80 in	nches Volume:	52.41 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe: Length:	0.00 ft Diam	eter: 0.00 in	nches Volume:	0.00 bbl	Weight set on Pack	er: 25000.00 lb
Drill Collar: Length:	0.00 ft Diam	eter: 0.00 in	nches Volume:	0.00 bbl	Weight to Pull Loos	e: 60000.00 lb
Drill Pipe Above KB:	7.00 ft	•	Total Volume:	52.41 bbl	Tool Chased	0.00 ft
	750.00 ft				String Weight: Initia	
	827.00 ft				Fina	l 46000.00 lb
Interval between Packers:	77.00 ft					
	217.00 ft					
Number of Packers:	3 Diam	eter: 6.75 in	nches			
Tool Comments:						
Tool Description Change Over Sub		(ft) Serial No.	Position	Depth (ft) /	Accum. Lengths	
Shut In Tool	5.0			3730.00		
		Ý				
		r				
Hydraulic tool	5.0			3740.00	. 21.00	Bottom Of Top Packer
Hydraulic tool Packer	5.0 5.0)		3740.00 3745.00	21.00	Bottom Of Top Packer
Hydraulic tool Packer Packer	5.00 5.00 5.00)		3740.00 3745.00 3750.00	21.00	Bottom Of Top Packer
Hydraulic tool Packer Packer Stubb	5.0 5.0)))	··	3740.00 3745.00 3750.00 3751.00	21.00	Bottom Of Top Packer
Hydraulic tool Packer Packer Stubb Perforations	5.00 5.00 5.00 1.00)))	Inside	3740.00 3745.00 3750.00	21.00	Bottom Of Top Packer
Hydraulic tool Packer Packer Stubb Perforations Recorder	5.00 5.00 5.00 1.00 3.00	D D D D B 8369	Inside Outside	3740.00 3745.00 3750.00 3751.00 3754.00 3754.00	21.00	Bottom Of Top Packer
Hydraulic tool Packer Packer Stubb Perforations Recorder Recorder	5.00 5.00 5.00 1.00 3.00 0.00	0 0 0 0 8369 0 8700		3740.00 3745.00 3750.00 3751.00 3754.00	21.00	Bottom Of Top Packer
Hydraulic tool Packer Packer Stubb Perforations Recorder Recorder Blank Spacing	5.00 5.00 1.00 3.00 0.00 0.00	D D D D B S S S S S S S S S S S S S S S		3740.00 3745.00 3750.00 3751.00 3754.00 3754.00 3754.00	21.00	Bottom Of Top Packer
Hydraulic tool Packer Packer Stubb Perforations Recorder Recorder Blank Spacing Perforations	5.00 5.00 1.00 3.00 0.00 0.00 64.00	0 0 0 0 8369 0 8700 0 0		3740.00 3745.00 3750.00 3751.00 3754.00 3754.00 3754.00 3818.00	21.00	Bottom Of Top Packer
Hydraulic tool Packer Packer Stubb Perforations Recorder Recorder Blank Spacing Perforations Blank Off Sub	5.00 5.00 1.00 3.00 0.00 64.00 5.00	0 0 0 0 8369 0 8700 0 0		3740.00 3745.00 3750.00 3751.00 3754.00 3754.00 3754.00 3818.00 3818.00 3823.00	21.00	Bottom Of Top Packer
Hydraulic tool Packer Packer Stubb Perforations Recorder Recorder Blank Spacing Perforations Blank Off Sub Blank Spacing	5.00 5.00 1.00 3.00 0.00 64.00 5.00	D D D D B B B B B B B B B B B B B B B B		3740.00 3745.00 3750.00 3751.00 3754.00 3754.00 3754.00 3818.00 3823.00 3824.00		
Hydraulic tool Packer Packer Stubb Perforations Recorder Recorder Blank Spacing Perforations Blank Off Sub Blank Spacing Packer	5.00 5.00 1.00 3.00 0.00 64.00 5.00 1.00 3.00	D D D D D D B B B B B B B B B B B B B B		3740.00 3745.00 3750.00 3751.00 3754.00 3754.00 3818.00 3823.00 3824.00 3827.00		
Hydraulic tool Packer Packer Stubb Perforations Recorder Recorder Blank Spacing Perforations Blank Off Sub Blank Spacing Packer Stubb	5.00 5.00 1.00 3.00 0.00 64.00 5.00 1.00 3.00 5.00	D D D D D D D D D D D D D D D D D D D		3740.00 3745.00 3750.00 3751.00 3754.00 3754.00 3754.00 3818.00 3818.00 3823.00 3824.00 3827.00 3832.00		
Hydraulic tool Packer Packer Stubb Perforations Recorder Recorder Blank Spacing Perforations Blank Off Sub Blank Spacing Packer Stubb Perforations	5.00 5.00 1.00 3.00 0.00 64.00 5.00 1.00 3.00 5.00 1.00	D D D B D B D B D B D <t< td=""><td></td><td>3740.00 3745.00 3750.00 3751.00 3754.00 3754.00 3818.00 3823.00 3824.00 3827.00 3832.00 3833.00</td><td></td><td></td></t<>		3740.00 3745.00 3750.00 3751.00 3754.00 3754.00 3818.00 3823.00 3824.00 3827.00 3832.00 3833.00		
Hydraulic tool Packer Packer Stubb Perforations Recorder Blank Spacing Perforations Blank Off Sub Blank Spacing Packer Stubb Perforations Recorder Blank Spacing	5.00 5.00 1.00 3.00 0.00 64.00 5.00 1.00 3.00 5.00 1.00 15.00	D D B D B D B D B D B D <t< td=""><td>Outside</td><td>3740.00 3745.00 3750.00 3751.00 3754.00 3754.00 3818.00 3823.00 3824.00 3827.00 3832.00 3833.00 3848.00</td><td></td><td></td></t<>	Outside	3740.00 3745.00 3750.00 3751.00 3754.00 3754.00 3818.00 3823.00 3824.00 3827.00 3832.00 3833.00 3848.00		
Hydraulic tool Packer Packer Stubb Perforations Recorder Recorder Blank Spacing Perforations Blank Off Sub Blank Spacing Packer Stubb Perforations Recorder	5.00 5.00 1.00 3.00 0.00 64.00 5.00 1.00 5.00 1.00 15.00 0.00	0 8369 0 8700 0 8700 0 8700 0 8374	Outside	3740.00 3745.00 3750.00 3751.00 3754.00 3754.00 3818.00 3823.00 3824.00 3827.00 3832.00 3833.00 3848.00 3848.00	77.00	

Sec. 6

ATT .		DRILL STEM TEST REPOR	T	F	LUID SUMMA
RILOBITE TESTING, INC		Castle Resources Inc	36-13s-20w		
		Schoenchen KS 67667-0087			D\$T#:2
. Niedly,		ATTN: Jerry Green	Test Start: 20	13.09.01 @ 19	:05:59
Mud and C	ushion Information				
Mud Weight: Viscosity: Water Loss:	Gel Chem 9.00 lb/gal 48.00 sec/qt 9.34 in ³	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type:		Dil API: Water Salinity:	deg AF ppm
Resistivity: Salinity: Filter Cake:	ohm.m 7000.00 ppm 1.00 inches	Gas Cushion Pressure:	psig		
Recovery I	nformation				
		Recovery Table	, ,		
	Lengt ft	h Description	Volume bbl		
		0.00 65'GIP	0.000		
		55.00 HO&GCM 5%G35%O60%M	0.772		
	Total Length:	55.00 ft Total Volume: 0.772 bbl			
	Num Fluid Samp Laboratory Nam Recovery Comm	e: Laboratory Location:	Serial #		
			-		

1.53

2000

10222

1992

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242.624

192211225

100000

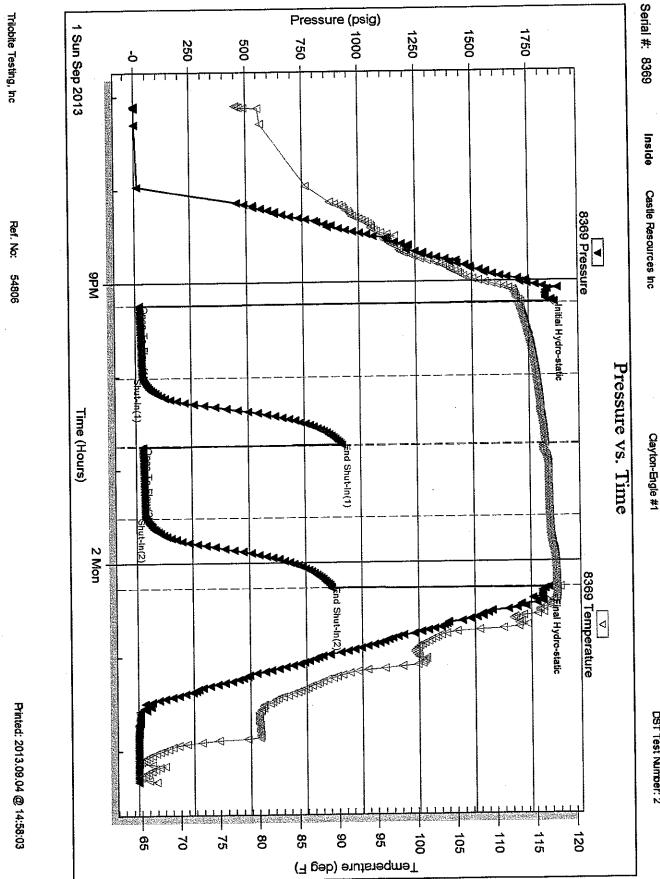
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1997 A. 1997 A. 1997

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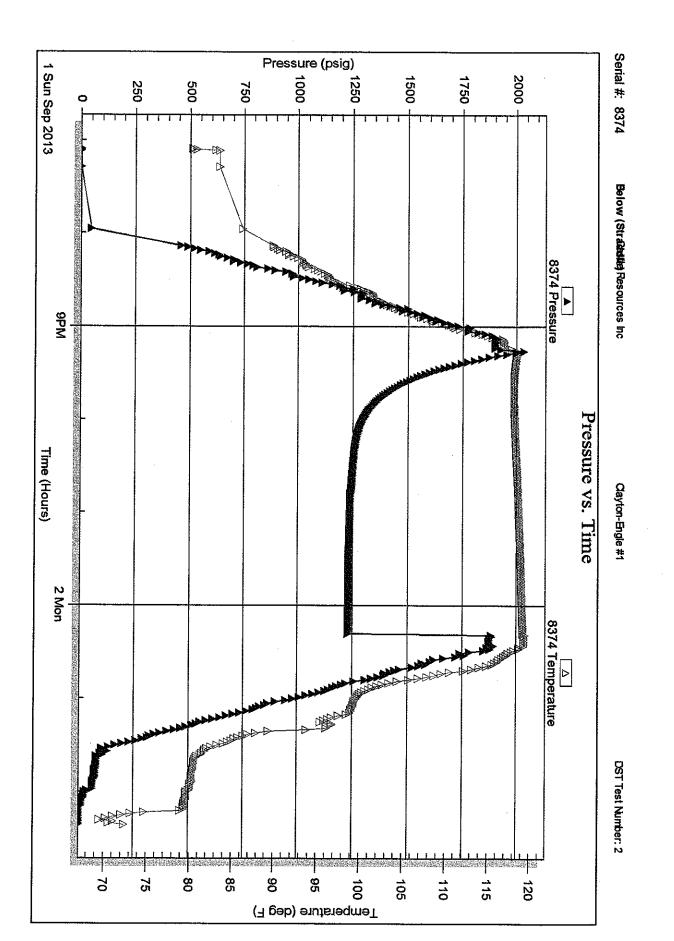


DST Test Number: 2



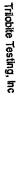
Ref. No: 54806

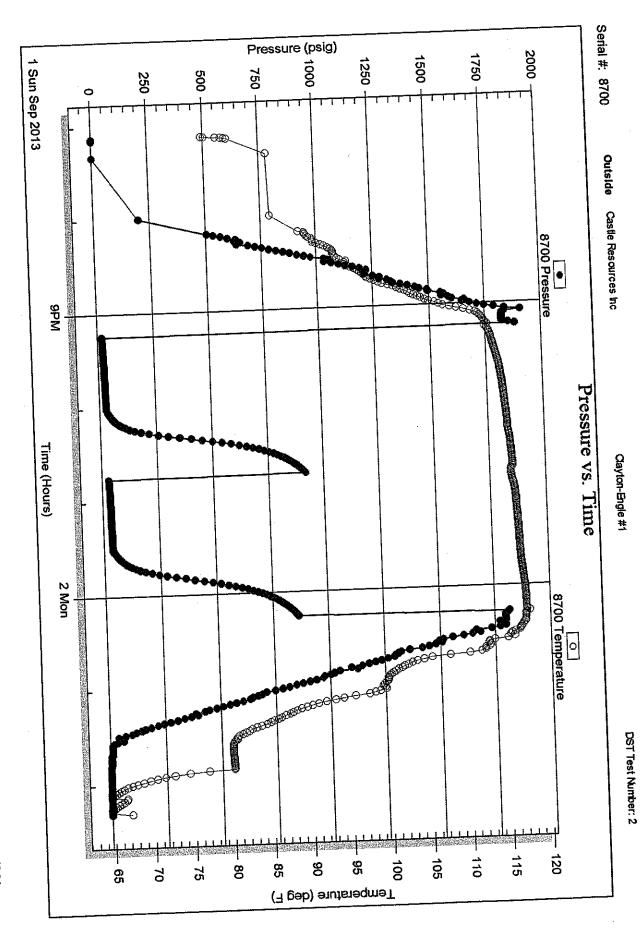
Trilobite Testing, Inc





Ref. No: 54806





	RILOBITE			Test '	Ticket	
400	ESTING IN 1515 Commerce Parkw	C. vay • Hays, Kansas 670	01	NO.	54805	
Well Name & No.	CLAYTON-EN	gle #1	Test No/	!	Date 9-1-13	3
CompanyCA	STLE Resource	s. Inc	Elevation	232	кв 2227	GL
Address	x 87 Schorn	chen, lo 6	7667-00	87		
Co. Rep / Geo	JEARY GREEN		Rig_Wh	TE KAIG	AT	
Location: Sec.	36 Twp 135	Rge. <u>20</u> ~	_co. Elle	٤	State K	
Interval Tested	3818-3823	Zone Tested	MARMATO	$\overline{\mathbf{x}}$		
Anchor Length	9.	Drill Pipe Run	3827		ud Wt. 9.3	in a surve
Top Packer Depth	3818-3813	Drill Collars Run		Vi	110	
Bottom Packer Depth	00.00	Wt. Pipe Run		W	all	
Total Depth	3942	Chlorides	7000 ppm		M 44	******
Blow Description	TEP- SETA	1, 1, 1				••••••••••••••••••••••••••••••••••••••
· · · · · · · · · · · · · · · · · · ·	TSTP -				· · · · · · · · · · · · · · · · · · ·	

		ayun dalam oo aanaa yayaan ya				
Rec 1600	Feet of Mud		%cas	%oil	%waler	%inu
Rec	Feet of		%gas	%oil	%water	%mu
Rec	Feet of		%gas	%oil	%water	%mu
Rec	Feet of		%gas	%oil	%water	%mu
Rec	Feet of		%gas	%oil	%water	%mu
Rec Total	<u>оо</u> внт	Gravity	API RW @	- °F C	hlorides	ppn
(A) Initial Hydrostatic	·	Va Test 950	and the second s	T-On Local		
(B) First Initial Flow	·····	🛛 Jars		T-Started	1 mil 1 mil 1	
(C) First Final Flow				T-Open		
(D) Initial Shut-In						***
(E) Second Initial Flow	۲ <u></u>			T-Out		<u></u>
				Comments		
(G) Final Shut-In						
		Shale Packer			Shale Packer	
nitial Open	······································				Packer	
					opies	
					<u> </u>	
		C Accessibility			865.10	
		Sub Total 1865.1			Disc't	1,
Approved By			Representative	\mathcal{L}	Th.	ANK

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Approved By ______ Our Representative <u>MAU XChubA91</u> <u>Yo</u> we Trilobite Tasting 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.

	RILOBI	TE			Tes	t Ticl	ket	
	TESTI	VG INC.				548	100	
	an an an 🚛 an tha shirin an		Hays, Kansas 670	501	NO.	04 C	000	
4/10		an a		· · ·			~	
Well Name & No.	CLAY TO	n-Engle	#/	Test No	2	Date	<u> </u>	13
CompanyC	ASTLE K	esource	STAC	Elevation	2232	КВ	222	⊋GL
Address 3	0×87 5	choenci	hen, Ko 6	7667-0	>87			·····
Co. Rep / Geo.	JEREY G	PCCA		Rig 1	The K	nigh T		
Location: Sec.	36_Twp	5	ge. 20 ^W	Co	115	!	State 6	
	3750-3	3807	Zero Tector	MARMATO	-		<u>.</u>	
Interval Tested	<u>」、」。</u> つつ		Drill Pipe Run	3736		Mud Wt.	9 3	?
Anchor Length	3750-3	2705				Vis	48	
Top Packer Depth	505		Drill Collars Run				9.4	<u>, </u>
Bottom Packer Depth		7	Wt. Pipe Run	7~~~		WL	44	
Total Depth		12	Chlorides		opm System			
Blow Description	TFP = W	D 1	WTLRU-0	wT 1/2 To		s		
	TSIP N	0 66		+ VIR				
<u></u>	FFF- We	AFGLO	w ThRu-on	J /4 B	<u>600</u>	<u> </u>		
	-STP-N	DO GLOU						<u></u>
Rec. 65	Feet of GTA	• • • • • • • • • •	<u>.</u>	%gas	<u>%oil</u>	<u></u>	%water	%mu
Rec <u>55</u>	Feet of HOT	GCM		S %gas	35 %oil	<u></u>	%water	<u>60%mu</u>
Rec	Feet of		<u></u>	%gas	%oil		%water	%mu
Rec	Feet of			%gas	%oil		%water	%ուս
Rec Rec	Feet of	<u></u>		%gas %gas	%oil %oil		%water %water	%mu %mu
Rec	Feet of	and the second se	ravily		%oil		%water	wmu
RecS	Feet of 5BHT	and the second se	1	%gas	%oil 		%water is 1845	<u>%ти</u> рр
Rec Rec TotalS (A) Initial Hydrostatic_	Feet of 5Внт /824 /7	· · · · · · · · · · · · · · · · · · ·	1	%qas _API RW	%oil 	F Chloride	%water	<u>%ти</u> рр
Rec Rec TotalS (A) Initial Hydrostatic_ (B) First Initial Flow	Feet of		Test 1150	%gasAPI RW	%oil @ T-On T-Star	F Chloride Location	%water is 1845	<u>%ти</u> рр
Rec Rec Total (A) Initial Hydrostatic_ (B) First Initial Flow (C) First Final Flow	Feet of	······	Test 1150 Jars	%qas	%oil T-On T-Star T-Ope T-Pull	F Chloride Location ted n ed	%water 1845 1955 2115 015	%mu ppi
Rec Rec Total (A) Initial Hydrostatic_ (B) First Initial Flow (C) First Final Flow (D) Initial Shut-In	Feet of		Test	%qas	%oil T-On T-Star T-Ope T-Pull	F Chloride Location ted	^{%water} 184< 1952 2115	%mu ppi
Rec Rec Total (A) Initial Hydrostatic_ (B) First Initial Flow (C) First Final Flow (D) Initial Shut-In (E) Second Initial Flow	Feet of	······	Test <u>1150</u> Jars Safety Joint Circ Sub Hourly Standby	%qasAPI RW	%oil T-On T-Star T-Ope T-Pull T-Out	F Chloride Location ted n ed	%water 1845 1955 2115 015	<u>%ти</u> рр
Rec Rec Total (A) Initial Hydrostatic_ (B) First Initial Flow (C) First Final Flow (C) Initial Shut-In (E) Second Initial Flow (F) Second Final Flow	Feet of	······	Test <u>1150</u> Jars Safety Joint Circ Sub Hourly Standby Mileage <u>N</u> C	%gasAPI RW	%oil T-On T-Star T-Ope T-Pull T-Out	F Chloride Location ted n ed	%water 1845 1955 2115 015	<u>%ти</u> рр
Rec Rec Total (A) Initial Hydrostatic_ (B) First Initial Flow (C) First Final Flow (C) Initial Shut-In (E) Second Initial Flow (F) Second Final Flow (G) Final Shut-In	Feet of 5 BHT 1824 17 28 916 916 17 28 916 916 861		Test <u>1150</u> Jars Salety Joint Circ Sub Hourly Standby Mileage <u>N/C</u> Sampler	%gas	%oil T-On T-Star T-Ope T-Pull T-Out Comr	F Chloride Location ted ed nents	%water 184< 1952 2115 0015 0219	%mu pp
Rec Rec Total (A) Initial Hydrostatic_ (B) First Initial Flow (C) First Final Flow (C) Initial Shut-In (E) Second Initial Flow (F) Second Final Flow (G) Final Shut-In	Feet of		Test <u>1150</u> Jars Salety Joint Circ Sub Hourly Standby Mileage <u>N/C</u> Sampler Straddle	%gas _API RW	%oil T-On T-Star T-Ope T-Pull T-Out Comr	F Chloride Location ted ed nents	%water /84 /96 2115 6015 6219 e Packer_	%mu
Rec Rec Total (A) Initial Hydrostatic_ (B) First Initial Flow (C) First Final Flow (C) First Final Flow (E) Second Initial Flow (F) Second Final Flow (G) Final Shut-In (H) Final Hydrostatic_	Feet of		Test <u>1150</u> Jars Safety Joint Circ Sub Hourly Standby Mileage <u>N/C</u> Sampler Straddle Shale Packer	%gas _API RW	%oil 	F Chloride Location ted ed nents	%water 184< 1952 2115 0015 0219	%mu
Rec	Feet of 5 BHT 1824 17 28 916 916 17 28 916 916 861		Test <u>1150</u> Jars Safety Joint Circ Sub Hourly Standby Mileage <u>N/C</u> Sampler Straddle Shale Packer Extra Packer	%gas _API RW	%oil 	F Chloride Location ted ed ed nents uined Shale uined Pack ktra Copies	%water /84< /95 2115 0015 0219 e Packer_ er	%mL
Rec	Feet of 5		Test <u>1150</u> Jars Salety Joint Circ Sub Hourly Standby Mileage N/C Sampler Straddle Shale Packer Extra Packer Extra Recorder	%gas _API RW	%oil @ T-On T-Star T-Star T-Ope T-Ope T-Pull T-Out Comr	F Chloride Location ted ed ed nents uined Shak uined Pack ktra Copies otal0	%water /84< /95 2115 0015 0219 e Packer_ er	%mi
Rec	Feet of		Test <u>1150</u> Jars Safety Joint Circ Sub Hourly Standby Mileage <u>N/C</u> Sampler Straddle Shale Packer Extra Packer	%gas _API RW	%oil @ T-On T-Star T-Star T-Ope T-Ope T-Pull T-Out Comr	F Chloride Location ted ed ed nents uined Shak uined Pack ktra Copies otal0	%water /84< /95 2115 0015 0219 e Packer_ er	%mu
Rec Rec Total (A) Initial Hydrostatic (B) First Initial Flow (C) First Final Flow (C) First Final Flow (C) First Final Flow (E) Second Initial Flow (F) Second Final Flow (G) Final Shut-In (H) Final Hydrostatic (H) Final Hydrostatic (H) Final Hydrostatic (H) Final Shut-In	Feet of 5		Test <u>1150</u> Jars Salety Joint Circ Sub Hourly Standby Mileage N/C Sampler Straddle Shale Packer Extra Packer Extra Recorder	%gas _API RW	%oil @ T-On T-Star T-Ope T-Ope T-Ope T-Out Comr Comr On R Sub T Sub T Total	F Chloride Location ted ed ed nents uined Shak uined Pack ktra Copies otal0	%water /84< /95 2115 015 0219 e Packer	%mu

Approved By______Our Representative <u>XAY</u> Schubaged of any kind of the property or personnel of the one for whom a test is made, or for any loss syftered or sustained, dyecity or indirectly, knough 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.

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

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Form CDP-4 April 2004 Form must be Typed

CLOSURE OF SURFACE PIT

	5	
Operator Name: Castle Resources, Inc.		License Number: 9860
Operator Address: BOX 87 SCHOENCHEN KS 6	667-0087	
Contact Person: Jerry Green		Phone Number: (785) 625 - 5155
Permit Number (API No. if applicable): 5-051-54	536-00-00	Lease Name & Well No .: Clauton Frailo #1
Type of Pit:	No. Contraction of the second	Pit Location (QQQQ):
Emergency Pit 🛛 Bom Pit	\wedge	
Settling Pit	//	SecTwpR East West
Workover Pit Haul-Off P	ii Z	Feet from North / South Line of Section
	And the second s	Feet from East / West Line of Section
	$\overline{\mathbf{N}}$	County
Date of closure:	\Box	·
Was an artificial liner used? Yes		
If no, how were the sides and bottom sealed to prevent dow	wnward migration of the	pit contents?
Seared by Benjoride		
Abandonment procedure of pil: approved to aller 3 back	ifue	
		_
a duly authorized agent, that all information shown hereon i		for(Co.), e best of his /her knowledge and belief,
\sim		-
\sim		Signature of Applicant or Agent
Subscribed and sworn to me o	n this day of	
	·	·
		Notary Public
My Commission Expires:		