Confidentiality Requested: Yes No

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

1214385

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
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?
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 #:	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 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	
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

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

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

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	jical Survey	Yes No	Name	Э		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne Ne conductor, surface, inte		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			
Dumana	Dopth						

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

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 Specify Foot		RD - Bridge P Each Interval F		e		Acid, Fracture, Shot, Ce (Amount and Kind	ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	re:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed	Producti	on, SWD or ENHR.		Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbls	5.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF G	AS:							PRODUCTION IN	TERVAL:
Vented Solo (If vented, Sul		Jsed on Lease -18.)		Open Hole Other <i>(Specify)</i>	Perf.	Uually (Submit)	,	Commingled (Submit ACO-4)		

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

	BAS SERVICES, LLC 064043
REMIT TO P.O. BOX 93999	94. LU.# 40-00018/5
SOUTHLAKE, TEXAS 76092	SERVICE POINT
DATE 2-2-14 SEC. 19 TWP 16 RANCE 33	
- Limin I I	CALLED OUT ON LOCATION JOB START JOB FINISH 7130pm 130cm 2130cm
OLD OK NEW (Circle one)	Ta 42, 54Ents Sunty State
CONTRACTOR White Knight	OWNER Same
TYPE OF JOB PTA US HOLE SIZE TO TO TO 48001	
CASING SIZE DEPTH	CEMENT AMOUNT ORDERED 2005/9 60/90 4/200
DRILL PIPE XY2 DEPTH 24601	- 19th Ho-seal
PRES. MAX MINIMUM	
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG.	COMMON@ POZMIX@
PERFS.	GEL@
DISPLACEMENT 2287 661 EQUIPMENT	ASC
· · · · · · · · · · · · · · · ·	CB-ARA-40604 2000 1843 514045
PUMPTRUCK CEMENTER har fore E. L) en # 7/3/ HELPER April rew Forstone	the CIC-CPF 751 0 277 25290
BULKTRUCK	- Malerick Totalla Sortes
#306/241 DRIVER Estelan Alcala Ge BULK TRUCK	28 <u>7 134207 12578</u>
#DRIVER	- HANDLING 300 73 873 @ 3,48 74587
REMARKS:	MILEAGE 12 36 2 14 2 75 138162
Mix 50 50 24601	TOTAL
MOR 00 510 16501	- SERVICE
MDD 30 8F3 3351	DEPTHOFJOB 24501
100 20 010 601 Plag R.17. 3052	PUMPTRUCK CHARGE
	- MILEAGE 4/2/10 4/0 @ 270 35800
Thankyoy	- MANIFOLD @@ MIDEN
CHARGETO, Castle Resources	
STREET	· Constant Trace
CITYSTATEZIP	(1,373.70/25%) TOTAL <u>2,099.00</u>
JuneZiP	PLUG & FLOAT EQUIPMENT
The Alternation of the second	
To: Allied Oil & Gas Services, LLC, You are hereby requested to rent comenting equipment	· · · · · · · · · · · · · · · · · · ·
and runnish cementer and heinerfet to acciet sources	@
done to satisfaction and supervision of owner was	
Contractor. I have read and inderstand the "Clevico it	TOTAL
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)
PRINTED NAME Robert, Galbary	TOTAL CHARGES 10, 46, 3, 30 DISCOUNT 2615, 82 (253) IF PAID IN 30 DAYS
	19867711NT ~ +

?]

ALLIED OIL & GAS SERVICES, LLC 063465

REMIT TO P.O. BOX 93999	I.D. # 20-8651475		···	
SOUTHLAKE, TEXAS 76092		SER	VICE POINT	
DATE 6-30-49 SEC. TWP. BANGE	CALLED OUT	ON LOCATION	JOB START	LOB FINISH
	<u>]</u>	11.00800	4:30 A	n S.m.A.
LEASE WELL# LOCATION	ce 4A d	the second	COUNTY	STATE
OLD OR NEW (Circle one)				ARS
CONTRACTOR White Knight	OWNER Se	ino.	-1	
HOLESIZE 1214 TD 205		······		······
	CEMENT			
FUDING SIZE	AMOUNT OR	DERED <u>190</u>	SIS CASING	Blece .
DUL DIDE	2 Bgel	<u>، </u>		
	· <u>· · · · · · · · · · · · · · · · · · </u>			
DEC MAN				· · · · · · · · · · · · · · · · · · ·
AE A C A MARY	COMMON_/	905ks	_@ <u>12,90</u>	340.00
DEMENT LEFT IN CSG. 15	POZMIX		@	
PERFS.	GEL	<u> 357125</u>	@ 1.05	375006
DISPLACEMENT 18 A 36 BBL		535	@ <u>///0</u>	588.50
	ASC		_@	- <u></u>
EQUIPMENT	- Marine	<u> </u>	@	•
	_ Mo bers	<u>cO Testes</u>	@	436456
UMPTRUCK CEMENTER Andrew Joisty	1d - Fin	ar mil	@	• ****
423-281 HELPER Carene Wentz.		<u> 11. 14 feb</u>	2@ <u>\$_</u> /	<u>ن من المحمد المحمد</u>
IULK TRUCK			_@	•
891 DRIVER Jugan (TWS)	·····		.@	- <u></u>
ULK TRUCK				• <u> </u>
DRIVER		And seems to	@	
· · · ·	MU EACE Z	05.4504/17	61.48	
REMARKS:	MILEAUE	3 Julinice	Jr.3170h	1030,20
			TOTAL	
		SERVIC	ж.	
Cement Ord circulate	DEPTH OF JOE		1	
	PUMPTRUCK	CHARGE	· 15	12,25-
	EXTRA FOOTA		@	
and a second	MILEAGE 4	2 miles	@2,20	308100
	MANIFOLD		@	
Thank your	Lightvehi	èle-	@ <u>4140</u>	1200
Thank you HARGE TO: Casile Resources		see is lare	9	······································
TREET	(0)	ケキ・ハレヤンショショ	TOTAL	3.5.36.46
			TÕTUP	J. J. Marth
ITYSTATEZIP	P	LUG & FLOAT	EQUIPMEN	т
	••••••••••••••••••••••••••••••••••••••		<u></u>	
	· · · · · · · · · · · · · · · · · · ·		@	<u> </u>
o: Allied Oil & Gas Services, LLC.	i		@	
ou are hereby requested to rent cementing equipment	·		@ @	
of any noncorrection to real community equipment			@	
id furnish cementer and helper(s) to assist owner or			w <u></u>	~````````````````````````````````````
intractor to do work as is listed. The above work was			<u> </u>	
one to satisfaction and supervision of owner agent or			TOTAL	
ontractor. I have read and understand the "GENERAL	045 ED 001 11	i		
ERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If	م بخر الأستندي		
	TOTAL CHARG	ies <u>790</u>	102	
RINTED NAME TELLY ACISTIC	DISCOUNT /	975.25/6	25818 DAIF) IN 30 DAVC
		5,925.		× ATL OV DALO
GNATHRE LIMIT (SUITE		21100	16 MeT.	

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DRILL STEM TEST REPORT

Prepared For: Castle Resources, LLC

PO Box 87 Schoenchen, KS 67667

ATTN: Jerry Green

Lynx #1

19 16s 33w Scott,KS

Start Date: 2014.07.06 @ 19:30:00 End Date: 2014.07.07 @ 02:40:15 Job Ticket #: 54923 DST #: 1

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

Printed: 2014.07.09 @ 16:28:05

Castle Resources, LLC

19 16s 33w Scott,KS

Lynx #1

DST # 1

Johnson

2014.07.06

() RILOBITE	Castle Resources, LLC		19 16s 3	3w Scott,K	(S
ESTING, INC	PO Box 87		Lynx #1		
	Schoenchen, KS 67667		Job Ticket		DST#:1
	ATTN: Jerry Green			2014.07.06	
GENERAL INFORMATION:				.	
Formation: Johnson Deviated: No Whipstock: Time Tool Opened: 22:02:45 Time Test Ended: 02:40:15	ft (KB)		Test Type Tester: Unit No:	: Convention Bradley W 69	nal Straddle (Initial) ′alter
Interval:4686.00 ft (KB) To472Total Depth:4800.00 ft (KB) (TVHole Diameter:7.88 inchesHole				e Bevations: KB to GR/CF:	3096.00 ft (KB) 3091.00 ft (CF) 5.00 ft
Serial #: 8365 Outside		• • • • • • • • • • • • • • • • • • • •			
Press@RunDepth: psig (@ 4687.00 ft (KB)		Capacity:		8000.00 psig
Start Date: 2014.07.06 Start Time: 19:30:05	End Date: End Time:	2014.07.07 02:41:14	Last Calib.: Time On Btm:		2014.07.07
	and the first field	JE 1. 14	Time Off Btm		
		<u> </u>	PRESS	URE SUM	MARY
270		Time (Min.)	Pressure Terr	ip Annota	
		Time (Min.)		ip Annota	
		(Min.)	Pressure Tem (psig) (deg	ip Annota	
		(Min.)	Pressure Tem (psig) (deg	F) Annota	

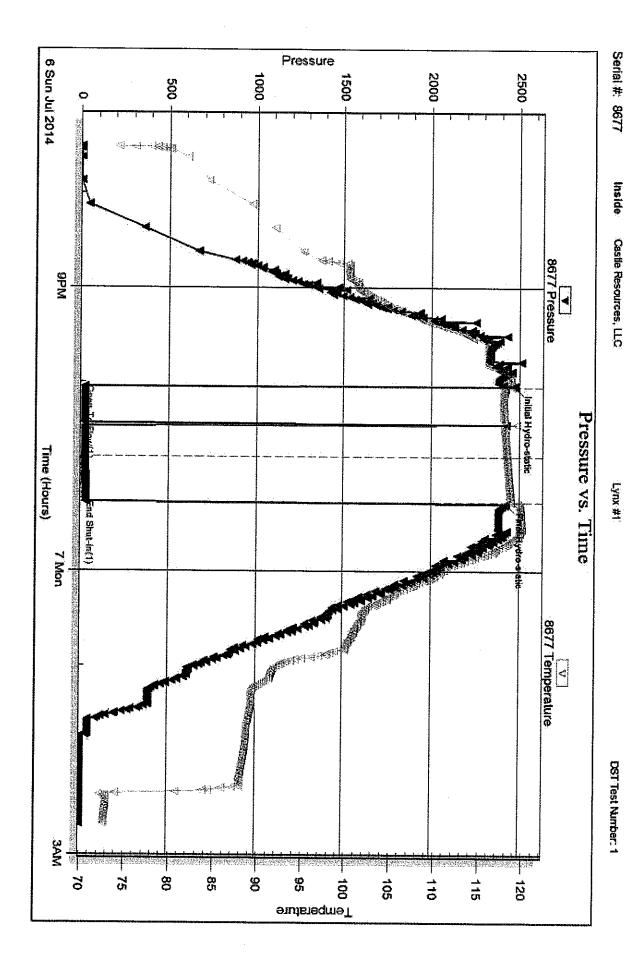
J

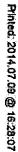
RILOBITE		Resources,	LLC		19 16s 33w Scott,K	S
ESTING,	NO PO Box	87			Lynx #1	
		ichen, KS 6	7667		Job Ticket: 54923	DOT#. 4
						DST#:1
	ATTN:	Jerry Gree	n		Test Start: 2014.07.06 @	0 19:30:00
Tool Information						·
Drill Pipe: Length: 4572.0	0 ft Diameter:	3.80	nches Volume:	64.13 bbl	Tool Weight:	2500.00 lb
	0 ft Diameter:		nches Volume:	0.00 bbl	Weight set on Packer	: 35000.00 lb
Drill Collar: Length: 117.0	0 ft Diameter:	2.25	nches Volume:		Weight to Pull Loose:	
rill Pipe Above KB: 30.0	0 ft		Total Volume:	64.71 bbl	Tool Chased	0.00 ft
Depth to Top Packer: 4686.0	0 ft				String Weight: Initial	55000.00 lb 55000.00 lb
Depth to Bottom Packer: 4717.0	0 ft				Final	55000.00 15
terval between Packers: 31.0						
ool Length: 141.0						
	2 Diameter:	6.75 i	nches			•
ool Comments:						
• - 1 D • • • • • •		A	B 1/1	m (1 (1))		
ool Description hange Over Sub	Length (ft) 1.00	Serial No.	Position	Depth (ft) A 4660.00	ccum. Lengths	
hut In Tool	5.00			4665.00		
ydraulic tool	5.00			4670.00		
ars	5.00			4675,00		
afety Joint	2.00			4677.00		
acker	5.00			4682.00	27.00	Bottom Of Top Packe
acker	4.00			4686.00	27.00	Bollom OF TOP Facke
	1.00			4687.00		
tuhh	1.00			4007.00		
	0.00	8677	Inside	4687.00		
ecorder	0.00 0.00	8677 8365	Inside Outside	4687.00 4687.00		
ecorder ecorder	0.00	8677 8365	Inside Outside	4687.00		
ecorder ecorder erforations	0.00 14.00			4687.00 4701.00		
tubb ecorder erforations erforations lank Off Sub	0.00 14.00 15.00			4687.00 4701.00 4716.00	31.00	Tool Interve
ecorder ecorder erforations erforations lank Off Sub	0.00 14.00 15.00 1.00			4687.00 4701.00 4716.00 4717.00	31.00	Tool Interva
ecorder ecorder erforations erforations lank Off Sub acker	0.00 14.00 15.00 1.00 3.00			4687.00 4701.00 4716.00 4717.00 4720.00	31.00	Tool Interva
ecorder ecorder erforations erforations lank Off Sub acker lank Spacing	0.00 14.00 15.00 1.00			4687.00 4701.00 4716.00 4717.00 4720.00 4721.00	31.00	Tool Interva
ecorder ecorder erforations erforations ank Off Sub acker ank Spacing erforations	0.00 14.00 15.00 1.00 3.00 1.00			4687.00 4701.00 4716.00 4717.00 4720.00 4721.00 4732.00	31.00	Tool Interva
ecorder ecorder erforations erforations lank Off Sub acker ank Spacing erforations hange Over Sub	0.00 14.00 15.00 1.00 3.00 1.00 11.00	8365		4687.00 4701.00 4716.00 4717.00 4720.00 4721.00	31.00	Tool Interva
ecorder ecorder erforations ank Off Sub acker ank Spacing erforations hange Over Sub ecorder	0.00 14.00 15.00 1.00 3.00 1.00 11.00 1.00		Outside	4687.00 4701.00 4716.00 4717.00 4720.00 4721.00 4732.00 4733.00	31.00	Tool Interva
ecorder ecorder erforations erforations ank Off Sub acker ank Spacing erforations hange Over Sub ecorder rill Pipe	0.00 14.00 15.00 3.00 1.00 11.00 1.00 0.00	8365	Outside	4687.00 4701.00 4716.00 4717.00 4720.00 4721.00 4732.00 4733.00 4733.00 4796.00	31.00	Tool Interva
ecorder ecorder erforations erforations lank Off Sub	0.00 14.00 15.00 1.00 3.00 1.00 11.00 1.00 0.00 63.00	8365	Outside	4687.00 4701.00 4716.00 4717.00 4720.00 4721.00 4732.00 4733.00		Tool Interva



Ref. No: 54923

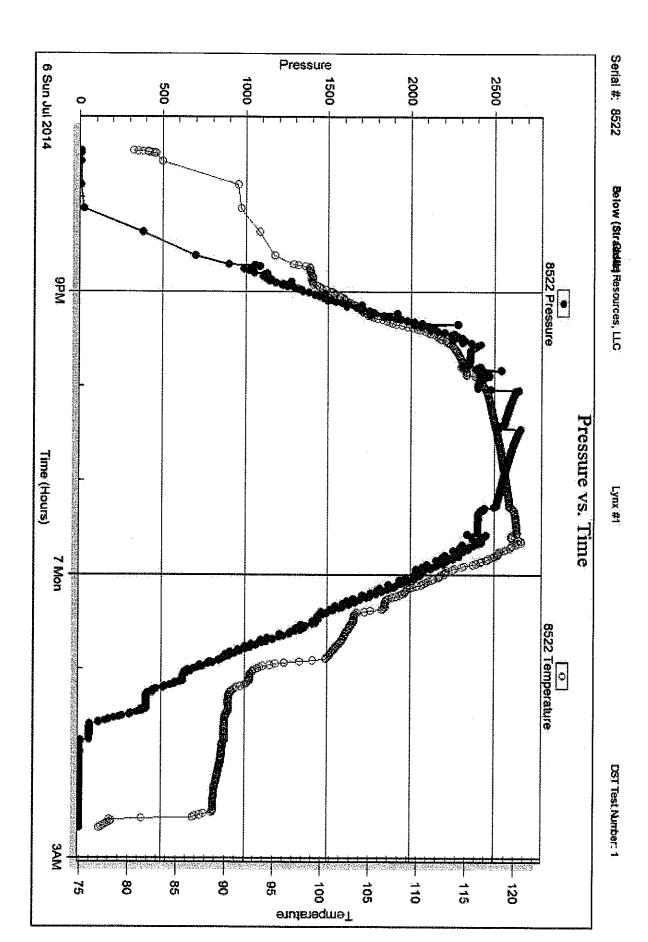
Tritobite Testing, Inc





Rof. No. 54923

Tritobile Testing, Inc



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RILOBITE	Castle Resources, LLC		19	16s 33v	v Scott,KS
ESTING, INC	PO Box 87				
	Schoenchen, KS 67667		-	n x #1 Ticket: 5	4924 DST#; 2
	ATTN: Jerry Green				014.07.07 @ 03:25:00
GENERAL INFORMATION:					
Formation: LKC I & J Deviated: No Whipstock: Time Tool Opened: 05:45:30 Time Test Ended: 10:56:30	ft (KB)		Tes	ter:	Conventional Straddle (Reset) Bradley Walter 69
Interval:4226.00 ft (KB) To428Total Depth:4800.00 ft (KB) (TVHole Diameter:7.88 inchesHole	D)		Ref	erence El	evations: 3096.00 ft (KB) 3091.00 ft (CF) to GR/CF: 5.00 ft
Serial #: 8677 Inside					
Press@RunDepth: 103.61 psig @ Start Date: 2014.07.07 Start Time: 03:25:05	2 4227.00 ft (KB) End Date: End Time:	2014.07.07 10:56:29	Capacity Last Cali Time On Time Off	b.: Btm:	8000.00 psig 2014.07.07 2014.07.07 @ 05:45:15 2014.07.07 @ 08:43:30
Pressure vs. Tir		Time	Pressure	RESSUF Temp	RE SUMMARY Annotation
			Pressure	Temp	
		(Min.) 0	(psig) 2251.15	(deg F) 114.77	Initial Hydro-static
		1	39.65	113.52	Open To Flow (1)
		44 90	70.87 1245.68	114.38 115.56	
		a 00	73.86		Open To Flow (2)
		114	103.61		Shut-In(2)
		178 179	1238.70 2197.80	115.81 116.09	
Gild	344				
No.422H lim;hun)		1		Ga	s Rates
Recovery	······································	<u></u>			5 Trates
Recovery Length (ft) Description	Volume (bbi)			Choke (in	
Recovery	Volume (bbl) 0.90			T	
Recovery Length (ft) Description				T	
Recovery Length (ft) Description				T	

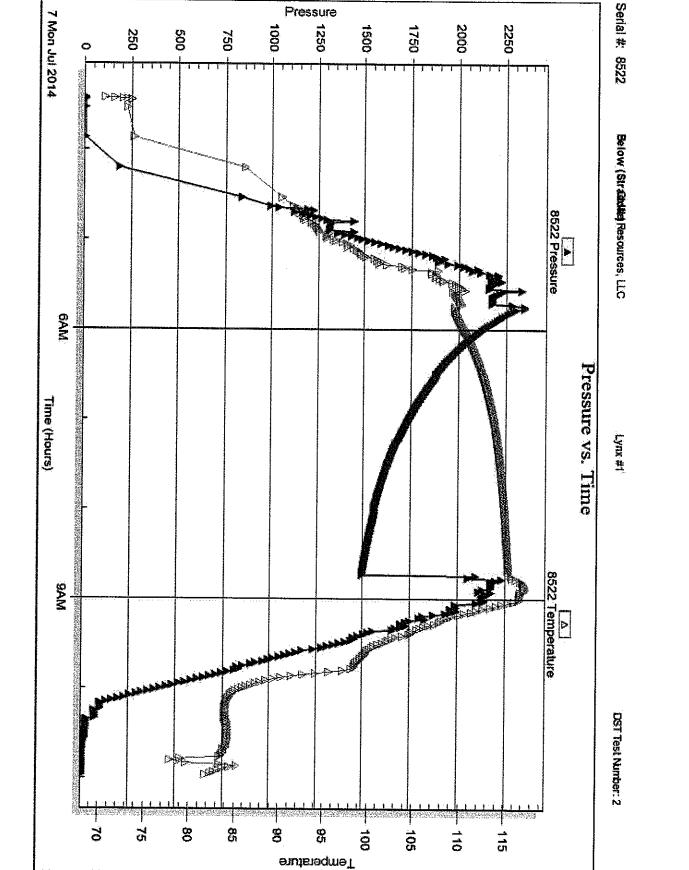
RILOBITE	Castle Resources, LLC	19 16s 33w Scott,KS			
ESTING , INC	PO Box 87 Schoenchen, KS 67667		Lynx #1		
	ATTN: Jerry Green	Job Ticket: 54924 DST#: 2 Test Start: 2014.07.07 @ 03:25:00			
GENERAL INFORMATION:					
Formation: LKC I & J Deviated: No Whipstock: Time Tool Opened: 05:45:30 Time Test Ended: 10:56:30	ft (KB)		Test Type: Tester: Unit No:	Conventior Bradley W	nal Straddle (Reset) alter
Interval: 4226.00 ft (KB) To 428 Total Depth: 4800.00 ft (KB) (TVI 1000 ft (KB) (TVI Hole Diameter: 7.88 inches Hole 1000 ft (KB) (TVI		Reference Elevations: 3096.00 ft (KB) 3091.00 ft (CF) KB to GR/CF: 5.00 ft			
Serial #: 8365 Outside Press@RunDepth: psig @ Start Date: 2014.07.07 Start Time: 03:25:05	4227.00 ft (KB) End Date: End Time:	2014.07.07 10:57:44	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2014.07.07
TEST COMMENT: IF: 1" blow . ISt: No return FF: 1" blow . FSI: No return.					
Pressate vs. Tin			PRESSI		
Pressare vs. Tin	115	Time (Min.)	PRESSU Pressure Temp (psig) (deg F		
		(Mn.)	Pressure Temp	Annotat	
		(Mn.)	Pressure Temp (psig) (deg F	Annotat	
		(Mn.)	Pressure Temp (psig) (deg F	Annotat	

CALLAR I RILO	HIIF	RILL	I	LUID SUMMA		
	Va.	stle Res	sources, LLC	19 16s 33	3w Scott,KS	
		Box 87		Lynx #1		
		Schoenchen, KS 67667 ATTN: Jerry Green			54924	DST#: 2
					2014.07.07 @ 03	:25:00
lud and Cushion In	formation					
ud Type: Gel Chem			Cushion Type:		Oil API:	0 deg AF
	lb/gal		Cushion Length:	ft	Water Salinity:	36000 ppm
	sec/qt		Cushion Volume:	bbl		
ater Loss: 7.99 esistivity:			Gas Cushion Type:			
alinity: 5000.00	ohm.m ppm inches		Gas Cushion Pressure:	psig		
ecovery Informatio						
scovery miorinatio			Recovery Table			
	Length ft		Description	Volume bbl		
	140.0	10 ma	w 50m 50w	0.89		
Те	otal Length:	140.00 f	ft Total Volume: 0.898 b			
	um Fluid Samples: 0		Num Gas Bombs: 0	Serial		
			·			
			·			·
			·			· ·
						· · ·
						· · · ·
			· · ·			· · · ·
			· · ·			· · ·

Ref. No: 54924

Tritoblic Testing, Inc







DRILL STEM TEST REPORT

Prepared For: Castle Resources, LLC

PO Box 87 Schoenchen, KS 67667

ATTN: Jerry Green

Lynx #1

19 16s 33w Scott,KS

Start Date: 2014.07.07 @ 11:45:00 End Date: 2014.07.07 @ 19:07:30 Job Ticket #: 54925 DST #: 3

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

Printed: 2014.07.09 @ 16:21:13

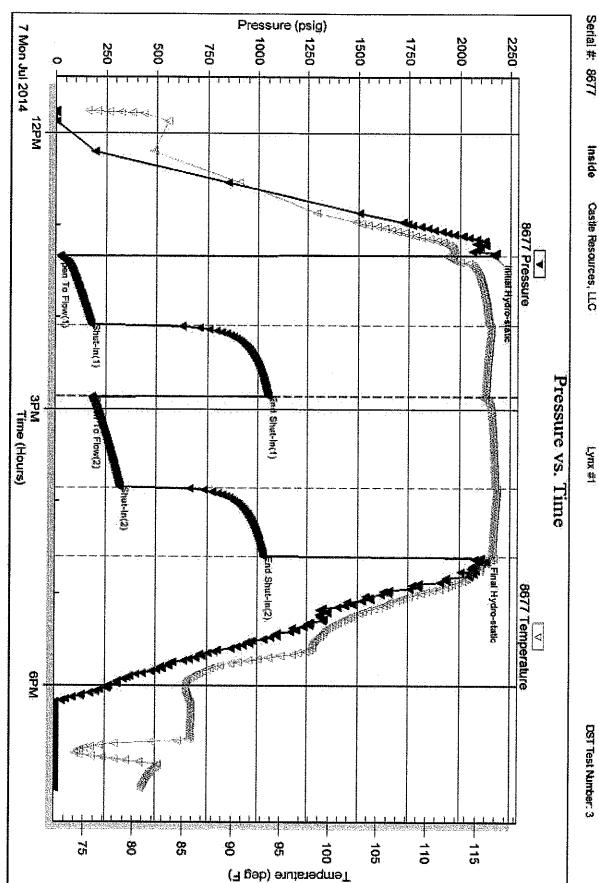
	DRILL STEM TES	ST REP	ORT		
RILOBITE	Castle Resources, LLC		19 16s 3	3w Scott,K	(S
ESTING, INC	PO Box 87 Schoenchen, KS 67667		Lynx #1		
	ATTN: Jerry Green		Job Ticket		DST#: 3
			Test Start.	2014.07.07	@ 11:45:00
GENERAL INFORMATION: Formation: LKC - D					
Deviated: No Whipstock: Time Tool Opened: 13:20:00 Time Test Ended: 19:07:30	fť (KB)		Test Type: Tester: Unit No:	Conventior Bradley W 69	nal Straddle (Reset) alter
nterval: 4076.00 ft (KB) To 40 Fotal Depth: 4800.00 ft (KB) (TV 4800.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole	Reference Elevations: 3096.00 ft (KB) 3091.00 ft (CF) KB to GR/CF: 5.00 ft				
Serial #: 8522 Below (Strad	dle)				
Press@RunDepth: psig Start Date: 2014.07.07 Start Time: 11:45:05		2014.07.07 19:08:29	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2014.07.07
FEST COMMENT: IF: BOB @ 16 mir ISI: No return. FF: BOB @ 25 mi FSI: No return.	n				
Pressare vs. T		Time	PRESS Pressure Tem	URE SUM	
		(Min.)	(psig) (deg		
Recovery				Sas Rates	
Length (ft) Description 660.00 smcw 3m 97w	Volume (bbl) 8.19		Choi	æ (inches) Press	ure (psig) Gas Rate (Mcf/d)

RILOBITE	Castle Res	sources,	LLC		19 16s 33w Scott,K	S
ESTING, M	PO Box 87	,			Lynx #1	
	Schoench		7667		Job Ticket: 54925	DST#:3
	ATTN: Je	erry Gree	n 		Test Start: 2014.07.07 @	<u>n</u> 11:45:00
Tool Information						
Drill Pipe: Length: 3944.00 ft Heavy Wt, Pipe: Length: 0.00 ft	Diameter: Diameter:		nches Volume: nches Volume:		Tool Weight: Weight set on Packer	2500.00 lb : 25000.00 lb
Drill Collar: Length: 117.00 ft	Diameter:	2.25 i	nches Volume:		Weight to Pull Loose:	
Drill Fipe Above KB: 12.00 ft			Total Volume:	55.90 bbl	Tool Chased	0.00 ft
Depth to Top Packer: 4076.00 ft					String Weight: Initial	58000.00 lb
Depth to Bottom Packer: 4084.00 ft					Final	60000.00 lb
hterval between Packers: 8.00 ft						
Tool Length: 751.00 ft						
Number of Packers: 2	Diameter:	6.75 i	nches			
Tool Comments:						
Tool Description Le	ength (ft) Se	erial No.	Position	Depth (ft) Ac	ccum. Lengths	
Change Over Sub	1.00			4050.00		
	1.00 5.00			4050.00 4055.00		
Change Over Sub Shut In Tool Hydraulic tool						
Shut In Tool Hydraulic tool	5.00			4055.00		
Shut in Tool Hydraulic tool Jars	5.00 5.00			4055.00 4060.00		
Shut In Tool Hydraulic tool Jars Safety Joint	5.00 5.00 5.00			4055.00 4060.00 4065.00	27.00	Bottom Of Top Packer
Shut In Tool Hydraulic tool Jars Safety Joint Packer	5.00 5.00 5.00 2.00			4055.00 4060.00 4065.00 4067.00	27.00	Bottom Of Top Packer
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer	5.00 5.00 5.00 2.00 5.00			4055.00 4060.00 4065.00 4067.00 4072.00	27.00	Bottom Of Top Packer
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb	5.00 5.00 5.00 2.00 5.00 4.00	8677	Inside	4055.00 4060.00 4065.00 4067.00 4072.00 4076.00	27.00	Bottom Of Top Packer
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder	5.00 5.00 2.00 5.00 4.00 1.00	8677 8365	Inside Outside	4055.00 4060.00 4065.00 4067.00 4072.00 4076.00 4077.00	27.00	Bottom Of Top Packer
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations	5.00 5.00 2.00 5.00 4.00 1.00 0.00 1.00			4055.00 4060.00 4065.00 4067.00 4072.00 4076.00 4077.00 4077.00 4077.00 4077.00	27.00	Bottom Of Top Packer
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations Perforations	5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 1.00 5.00			4055.00 4060.00 4065.00 4067.00 4072.00 4076.00 4077.00 4077.00 4077.00 4078.00 4083.00		i
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations Perforations Blank Off Sub	5.00 5.00 2.00 5.00 4.00 1.00 0.00 1.00 5.00 1.00			4055.00 4060.00 4065.00 4067.00 4072.00 4076.00 4077.00 4077.00 4077.00 4077.00 4078.00 4083.00 4083.00	27.00	Bottom Of Top Packer
Shut In Tool Hydraulic tool Iars Safety Joint Packer Packer Stubb Recorder Recorder Recorder Perforations Perforations Blank Off Sub Packer	5.00 5.00 2.00 5.00 4.00 1.00 0.00 1.00 5.00 1.00 3.00			4055.00 4060.00 4065.00 4072.00 4072.00 4077.00 4077.00 4077.00 4077.00 4077.00 4083.00 4083.00 4084.00		i
Shut In Tool Hydraulic tool Iars Safety Joint Packer Packer Stubb Recorder Recorder Recorder Perforations Parforations Blank Off Sub Packer Blank Spacing	5.00 5.00 2.00 5.00 4.00 1.00 0.00 1.00 5.00 1.00 3.00 1.00			4055.00 4060.00 4065.00 4067.00 4072.00 4076.00 4077.00 4077.00 4077.00 4078.00 4083.00 4083.00 4084.00		
Shut In Tool Hydraulic tool lars Safety Joint Packer Packer Stubb Recorder Recorder Perforations Perforations Blank Off Sub Packer Blank Spacing Perforations	5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 1.00 5.00 1.00 3.00 1.00 1.00			4055.00 4060.00 4065.00 4067.00 4072.00 4076.00 4077.00 4077.00 4077.00 4077.00 4078.00 4083.00 4083.00 4084.00 4088.00 4103.00		
Shut In Tool Hydraulic tool lars Safety Joint Packer Packer Stubb Recorder Perforations Perforations Packer Blank Off Sub Packer Blank Spacing Perforations Change Over Sub	5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 1.00 5.00 1.00 3.00 1.00 1.00 1.00	8365	Outside	4055.00 4060.00 4065.00 4072.00 4072.00 4077.00 4077.00 4077.00 4077.00 4077.00 4083.00 4083.00 4083.00 4083.00 4083.00 4083.00 4083.00 4103.00		
Shut In Tool Aydraulic tool ars Bafety Joint Backer Backer Backer Backer Backer Backer Backer Backer Backer Bank Off Sub Backer Bank Spacing Barforations Bank Spacing Barforations Bank Spacing Barforations Bank Spacing Barforations Bank Spacing Barforations Bank Spacing Barforations Bank Spacing Barforations Bank Spacing Barforations Bank Spacing Barforations Bank Spacing Barforations	5.00 5.00 2.00 5.00 4.00 1.00 0.00 1.00 5.00 1.00 1.00 1.00 1			4055.00 4060.00 4065.00 4072.00 4072.00 4077.00 4077.00 4077.00 4077.00 4077.00 4083.00 4083.00 4083.00 4084.00 4084.00 4088.00 4103.00 4104.00		
Shut In Tool Hydraulic tool lars Safety Joint Packer Packer Stubb Recorder Recorder Recorder Perforations Blank Off Sub Packer Blank Spacing Perforations Change Over Sub Recorder Drill Pipe	5.00 5.00 2.00 2.00 4.00 1.00 0.00 1.00 5.00 1.00 3.00 1.00 15.00 1.00 0.00 692.00	8365	Outside	4055.00 4060.00 4065.00 4067.00 4072.00 4076.00 4077.00 4077.00 4077.00 4077.00 4077.00 4078.00 4083.00 4083.00 4084.00 4088.00 4103.00 4104.00 4104.00		
Shut In Tool Hydraulic tool lars Safety Joint Packer Packer Stubb Recorder Recorder Perforations Perforations Blank Off Sub Packer Blank Spacing Perforations Change Over Sub Recorder	5.00 5.00 2.00 5.00 4.00 1.00 0.00 1.00 5.00 1.00 1.00 1.00 1	8365	Outside	4055.00 4060.00 4065.00 4072.00 4072.00 4077.00 4077.00 4077.00 4077.00 4077.00 4083.00 4083.00 4084.00 4084.00 4088.00 4103.00 4104.00	8.00	

Printed: 2014.07.09 @ 16:21:15

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Tritobile Testing, Inc



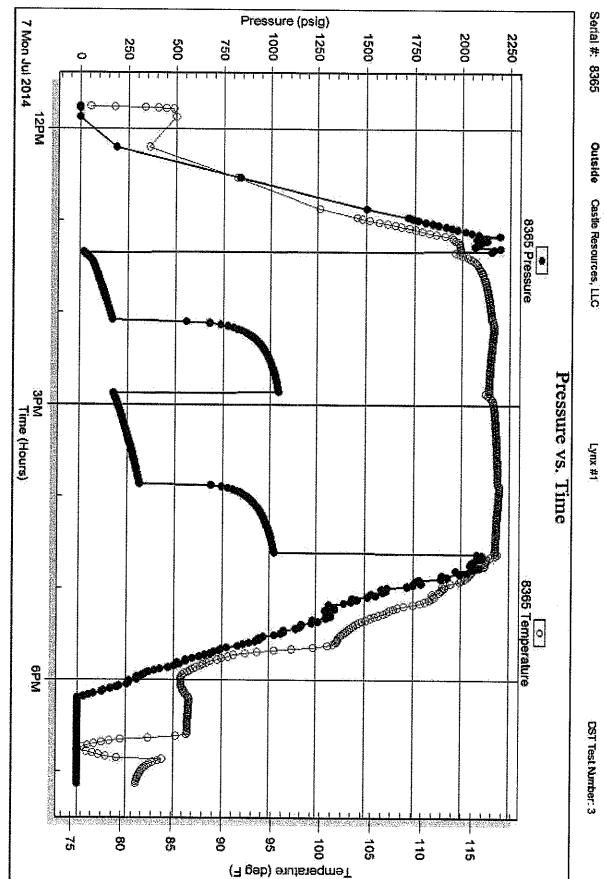
Inside

DST Test Number: 3



Rof. No: 54925

Tritobite Testing, Inc







Test Ticket

54924 NO.

· · · · · · · · · · · · · · · · · · ·					
Well Name & No. <u>Lyax</u>		Test No.	2Dat	le 7/7/14	
Company Custle Resources I	m C	Elevation	309 E K	B_ 3091	GL
Address Po Box 87 Schore	nehen, Ks 676	67			
Co. Rep / Geo. Jerry Green				, ł	
Location: Sec. 101 Twp. 16.5	Rge <u>33</u> C	io	14-	State	
Interval Tested 4276 ~ 4285 4		. Icc IJ			
Anchor Length 515' TA.	L Drill Pipe Run	4100	Mudi	NI. <u>9.5</u>	
Top Packer Depth	Drill Collars Run	117	Vis	50	
Bottom Packer Depth 4726 41255 5	· · · · · · · · · · · · · · · · · · ·	e		60	
Total Depth 4800	Chlorides5 d	ppm S	ystem LCM	/ #	
Blow Description TE: 1' blow	·	·······	···		
JSTI No return.					
FF: 1" blow					u u u u u u u u u u u u u u u u u u u
FSJ: No relain.					
Rec 140 Feet of MCW		%gas	<u>%0il 50</u>	water Sc) %mud
Rec Feet of	······································	%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%muđ
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil		%mud
Rec Total 140 BHT 116	Gravity API I	AW .150 @_	90 F Chloi	ides <u>34.00</u>	d_ppm
(A) Initial Hydrostatic 2251	Sec. 1250		T-On Location	0.300	
(B) First Initial Flow 4 0	Jars		T-Started	0325	•
(C) First Final Flow7(G Safety Joint			<u> 0545</u>	
(D) Initial Shut-In1246	Circ Sub			0845	téstmannene managas
(E) Second Initial Flow 74	Hourly Standby			1058	
(F) Second Final Flow 10 4	Mileage 40 RT		Comments		*****
(G) Final Shut-In <u>1239</u>	Sampler			and a second	
(H) Final Hydrostatic 2193	Straddle 600			ale Packer	
	Shale Packer X2	500		cker	
Initial Open 45	C Extra Packer			es	
Initial Shut-In45	C Extra Recorder		Sub Total		Jairet
Final Flow	Day Standby			350	••••••••••••••••••••••••••••••••••••••
Final Shut-In4.5	C Accessibility		MP/DST Disc	2/1	
	Sub Total2350		17	1	1999-977 1999-977 CB3 PK-1
Approved By	0.0.0		04.1	7	

Approved by

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