



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

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: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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 / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Castle Resources, Inc.
Well Name	Eller Chase Unit 1
Doc ID	1152754

All Electric Logs Run

Micro Resistivity
Dual Induction
Borehole Compensated Sonic
Compensated Density Neutron

Form	ACO1 - Well Completion
Operator	Castle Resources, Inc.
Well Name	Eller Chase Unit 1
Doc ID	1152754

Tops

Name	Top	Datum
Anhydrite	2750	+413
Heebner	4076	-913
L-KC	4118	-955
B-KC	4395	-1232
Ft. Scott	4580	-1417
Cherokee	4612	-1449
Johnson Zone	4644	-1481
Mississippi	4717	-1554
Arbuckle	5060	-1897
RTD	5128	-1965

ATTN
 BOX 90 D
 HOXIE, KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

Nº 690

DATE 4-3-13	SEC. 30	RANGE/TWP. 8 33	CALLED OUT	ON LOCATION	JOB START 1:30pm Thomas COUNTY	JOB FINISH 3:00pm STATE KS
LEASE Eller Chase			WELL # 2-1			

CONTRACTOR	White Knight	OWNER	Castle	Krs		
TYPE OF JOB						
HOLE SIZE 12 1/4	T.D. 327	CEMENT	275sr	com		346cc
CASING SIZE 8 7/8	DEPTH 329	AMOUNT ORDERED	296gal			
TUBING SIZE	DEPTH					
DRILL PIPE	DEPTH					
TOOL	DEPTH					
PRES. MAX	MINIMUM	COMMON	275	@ 15 ^{sr}		4265 ^{sr}
DISPLACEMENT 19.5 bbl	SHOE JOINT	POZMIX		@ 5 ^{sr}		
CEMENT LEFT IN CSG. 20 ^{sr}		GEL	5	@ 26		130
PERFS		CHLORIDE	10	@ 52		520 ^{cc}
		ASC		@		
EQUIPMENT				@		
				@		
PUMP TRUCK				@		
# 1	Cody			@		
BULK TRUCK				@		
# 1	Eric			@		
BULK TRUCK				@		
#				@		
		HANDLING	290	@ 215		623 ^{sr}
		MILEAGE	35	@ 29		1,015 ^{sr}
		TOTAL				

REMARKS	SERVICE	Surface	
Run 7 hrs of 8 7/8 casing and landing	DEPT OF JOB	@	
It - est circulation with mud pump	PUMP TRUCK CHARGE	@	1250 ^{sr}
Handled up and mixed 275sr and disp	EXTRA FOOTAGE	@	
19.5 bbl H ₂ O - shut in @ 300psi	MILEAGE	35 x 2 @ 6 ^{sr}	455 ^{sr}
Cement Did Circulate	MANIFOLD	@	
	L MV 35 / 2	@ 2 ^{sr}	140 ^{sr}
	TOTAL		

Thank You

CHARGES TO:	Castle Resources
STREET	STATE
CITY	ZIP

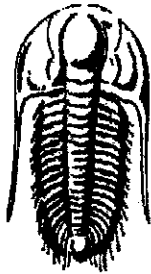
To: Schippers Oil Field Services L.L.C.
 You are hereby requested to rent cementing equipment and furnish staff to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
	@
TOTAL	8,379 ^{sr}
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

Hoxie Sentinel Print / Form 411

SIGNATURE *Terry Austin*

PRINTED NAME



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Castle Resources, LLC**

Box 87
Schoenchen, KS 67667

ATTN: Jerry Green

Eller Chase Unit #1

30 8s 33w Thomas,KS

Start Date: 2013.04.10 @ 09:18:00

End Date: 2013.04.11 @ 00:02:30

Job Ticket #: 49162 DST #: 1

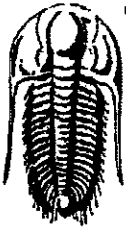
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.04.23 @ 09:47:30

Castle Resources, LLC
30 8s 33w Thomas,KS
Eller Chase Unit #1
DST # 1
LKC 1 - L
2013.04.10



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Castle Resources, LLC

30 8s 33w Thomas, KS

Box 87
Schoenchen, KS 67667

Eller Chase Unit #1

Job Ticket: 49162

DST#: 1

ATTN: Jerry Green

Test Start: 2013.04.10 @ 09:18:00

GENERAL INFORMATION:

Formation: **LKC I - L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:51:30

Time Test Ended: 00:02:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 53

Interval: **4267.00 ft (KB) To 4433.00 ft (KB) (TVD)**

Reference Elevations: 3163.00 ft (KB)

Total Depth: 4433.00 ft (KB) (TVD)

3158.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8677

Inside

Press@RunDepth: psig @ 4277.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.10

End Date:

2013.04.11

Last Calib.:

1899.12.30

Start Time: 09:18:05

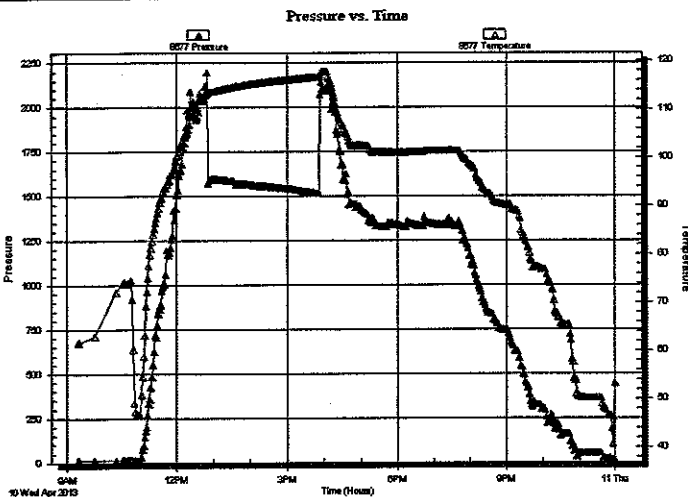
End Time:

00:00:00

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1" blow.
ISI: Surface return.
FF: Surface blow.
FSI: Surface return.



PRESSURE SUMMARY

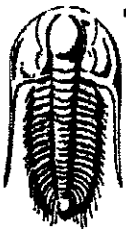
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
0.00	String had small hole in it -3000ft mud	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources, LLC
Box 87
Schoenchen, KS 67667
ATTN: Jerry Green

30 8s 33w Thomas,KS
Eller Chase Unit #1
Job Ticket: 49162 DST#: 1
Test Start: 2013.04.10 @ 09:18:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	String had small hole in it -3000ft mud	0.000

Total Length: ft Total Volume: bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: hole in pipe/ will test zone again.

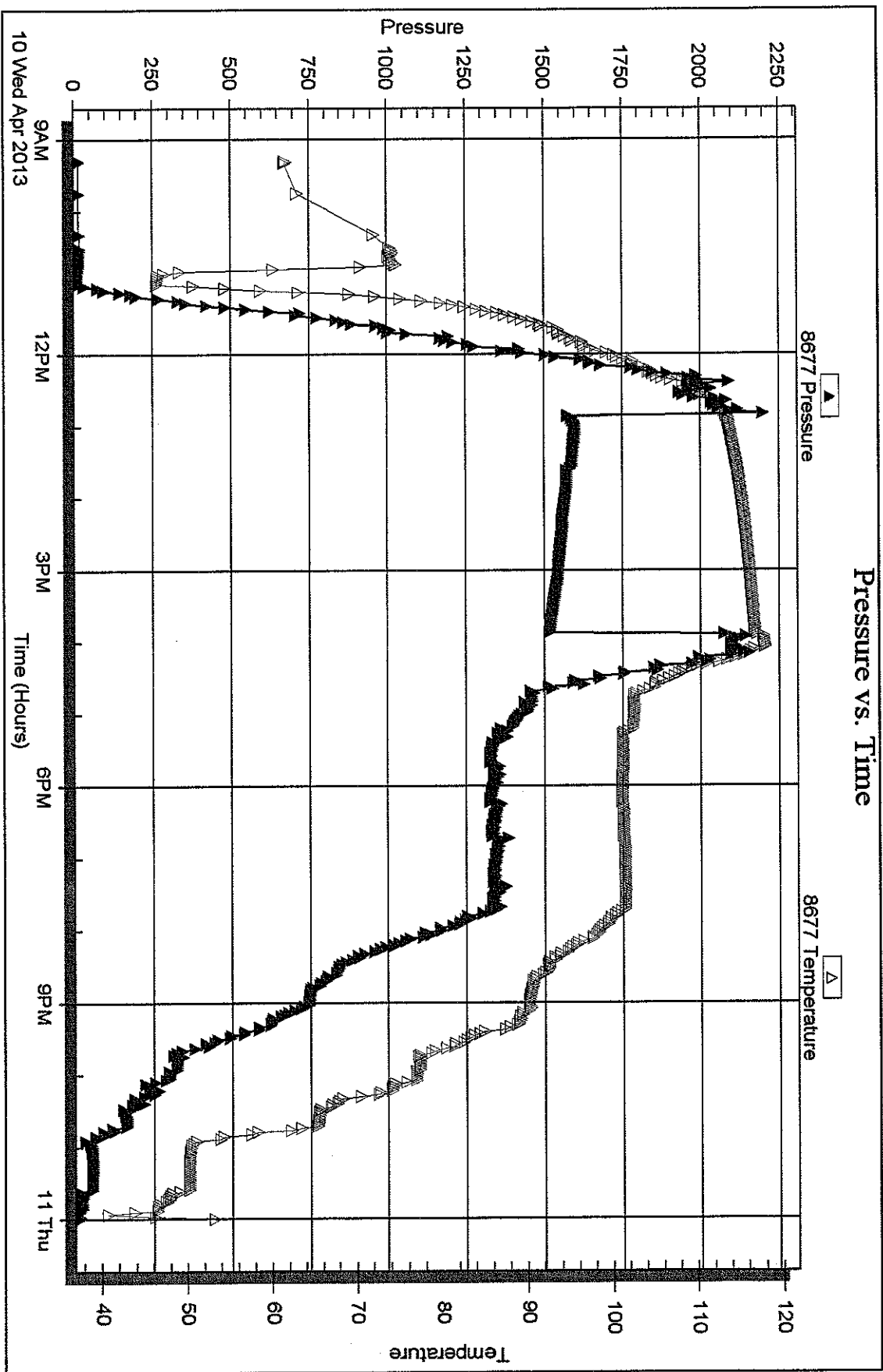
Serial #: 8677

Inside

Castle Resources, LLC

Eler Chase Unit #1

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Castle Resources, LLC

30 8s 33w Thomas, KS

Box 87
Schoenchen, KS 67667

Eller Chase Unit #1

Job Ticket: 49163

DST#: 2

ATTN: Jerry Green

Test Start: 2013.04.11 @ 00:18:00

GENERAL INFORMATION:

Formation: LKC I - L

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:55:00

Time Test Ended: 09:40:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: 4276.00 ft (KB) To 4433.00 ft (KB) (TVD)

Total Depth: 4433.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3163.00 ft (KB)

3158.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8522

Outside

Press@RunDepth: 267.94 psig @ 4277.00 ft (KB)

Start Date: 2013.04.11

End Date:

2013.04.11

Start Time: 00:18:05

End Time:

09:40:45

Capacity: 8000.00 psig

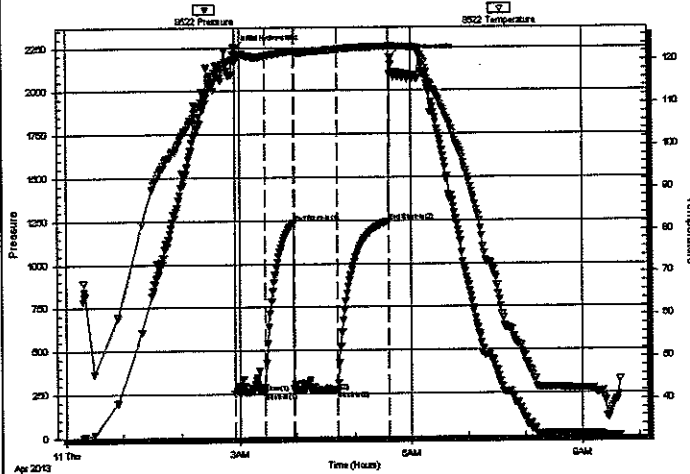
Last Calib.: 2013.04.11

Time On Btm: 2013.04.11 @ 02:54:45

Time Off Btm: 2013.04.11 @ 05:37:30

TEST COMMENT: IF: 3" blow.
IS: No return.
FF: 1 1/4" blow
FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2241.91	120.56	Initial Hydro-static
1	253.51	119.81	Open To Flow (1)
32	255.31	121.12	Shut-In(1)
62	1235.48	122.15	End Shut-In(1)
63	263.31	121.89	Open To Flow (2)
108	267.94	122.62	Shut-In(2)
161	1245.24	123.28	End Shut-In(2)
163	2188.64	123.50	Final Hydro-static

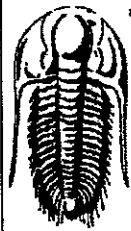
Recovery

Length (ft)	Description	Volume (bbl)
540.00	mud 100m (suspect crack in pipe)	5.37

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources, LLC
Box 87
Schoenchen, KS 67667
ATTN: Jerry Green

30 8s 33w Thomas,KS
Eller Chase Unit #1
Job Ticket: 49163 DST#: 2
Test Start: 2013.04.11 @ 00:18:00

Tool Information

Drill Pipe:	Length: 4269.00 ft	Diameter: 3.20 inches	Volume: 42.47 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 42.47 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4276.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	157.00 ft			
Tool Length:	177.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4257.00	
Shut In Tool	5.00			4262.00	
Hydraulic tool	5.00			4267.00	
Packer	5.00			4272.00	20.00 Bottom Of Top Packer
Packer	4.00			4276.00	
Stubb	1.00			4277.00	
Recorder	0.00	8677	Inside	4277.00	
Recorder	0.00	8522	Outside	4277.00	
Perforations	27.00			4304.00	
Change Over Sub	1.00			4305.00	
Drill Pipe	124.00			4429.00	
Change Over Sub	1.00			4430.00	
Bullnose	3.00			4433.00	157.00 Bottom Packers & Anchor

Total Tool Length: 177.00

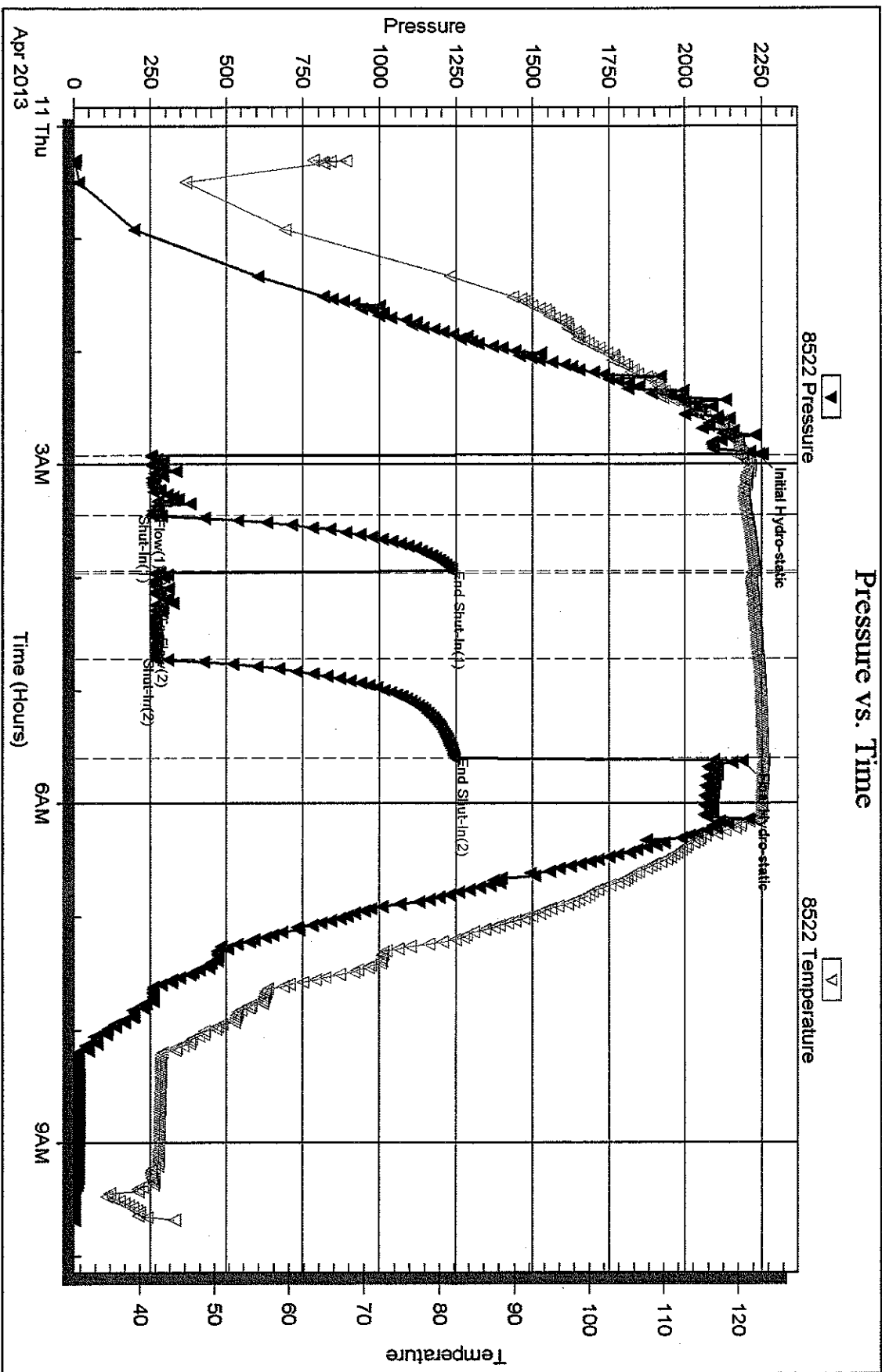
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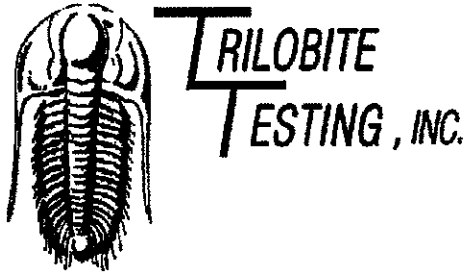
Outside Castle Resources, LLC

Blr Chase Unit #1

DST Test Number: 2

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Castle Resources, LLC**

Box 87
Schoenchen, KS 67667

ATTN: Jerry Green

Eller Chase Unit #1

30 8s 33w Thomas,KS

Start Date: 2013.04.12 @ 12:26:00

End Date: 2013.04.12 @ 21:12:00

Job Ticket #: 49164 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.04.23 @ 09:45:34

Castle Resources, LLC

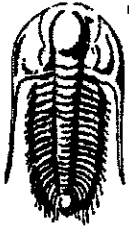
30 8s 33w Thomas,KS

Eller Chase Unit #1

DST # 3

Johnson

2013.04.12



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources, LLC
 Box 87
 Schoenchen, KS 67667
 ATTN: Jerry Green

30 8s 33w Thomas,KS
Eller Chase Unit #1
 Job Ticket: 49164 **DST#: 3**
 Test Start: 2013.04.12 @ 12:26:00

Tool Information

Drill Pipe:	Length: 4575.00 ft	Diameter: 3.20 inches	Volume: 45.51 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 45.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4590.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	106.00 ft			
Tool Length:	126.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4571.00	
Shut In Tool	5.00			4576.00	
Hydraulic tool	5.00			4581.00	
Packer	5.00			4586.00	20.00 Bottom Of Top Packer
Packer	4.00			4590.00	
Stubb	1.00			4591.00	
Recorder	0.00	8677	Inside	4591.00	
Recorder	0.00	8522	Outside	4591.00	
Perforations	5.00			4596.00	
Change Over Sub	1.00			4597.00	
Drill Pipe	95.00			4692.00	
Change Over Sub	1.00			4693.00	
Bullnose	3.00			4696.00	106.00 Bottom Packers & Anchor

Total Tool Length: 126.00

Serial #: 8677

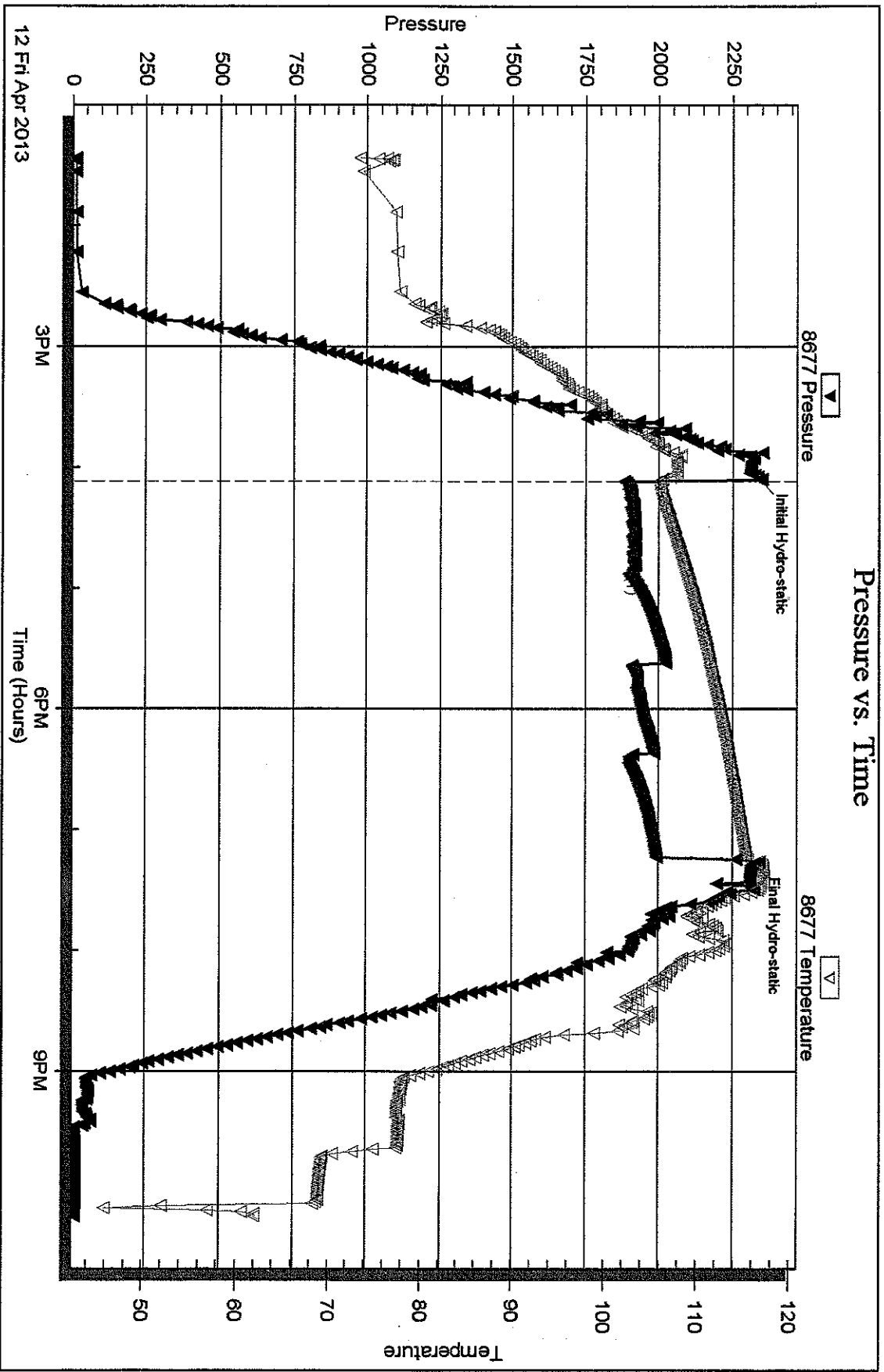
Inside

Castle Resources, LLC

Eller Chase Unit #1

DST Test Number: 3

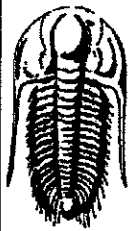
Pressure vs. Time



TriHobbe Testing, Inc

Ref. No: 49164

Printed: 2013.04.23 @ 09:45:36



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Castle Resources, LLC

30 8s 33w Thomas, KS

Box 87
Schoenchen, KS 67667

Eller Chase Unit #1

Job Ticket: 49165 DST#: 4

ATTN: Jerry Green

Test Start: 2013.04.12 @ 22:26:00

GENERAL INFORMATION:

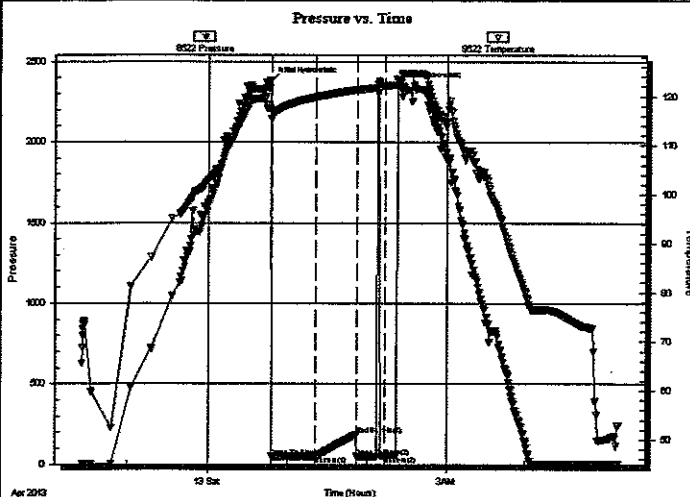
Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:47:30
 Time Test Ended: 05:09:45
 Interval: **4590.00 ft (KB) To 4696.00 ft (KB) (TVD)**
 Total Depth: **4433.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 53
 Reference Elevations: 3163.00 ft (KB)
 3158.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8522

Outside

Press@RunDepth: 49.70 psig @ 4591.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.04.12 End Date: 2013.04.13 Last Calib.: 2013.04.13
 Start Time: 22:26:05 End Time: 05:09:44 Time On Btm: 2013.04.13 @ 00:47:00
 Time Off Btm: 2013.04.13 @ 02:22:15

TEST COMMENT: IF: 4" blow after 20' slide, receded to 1/2".
 IS: No return
 FF: No blow, Flushed tool, surge noted/blow died.
 FS: Trip out w ith tool.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2377.85	117.09	Initial Hydro-static
1	49.18	115.38	Open To Flow (1)
34	49.70	119.83	Shut-In(1)
65	187.26	121.28	End Shut-In(1)
65	49.88	121.24	Open To Flow (2)
87	53.85	122.14	Shut-In(2)
96	2344.84	123.52	Final Hydro-static

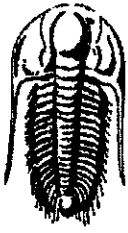
Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mud 100m	0.65

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources, LLC
 Box 87
 Schoenchen, KS 67667
 ATTN: Jerry Green

30 8s 33w Thomas,KS
 Eller Chase Unit #1
 Job Ticket: 49165 DST#: 4
 Test Start: 2013.04.12 @ 22:26:00

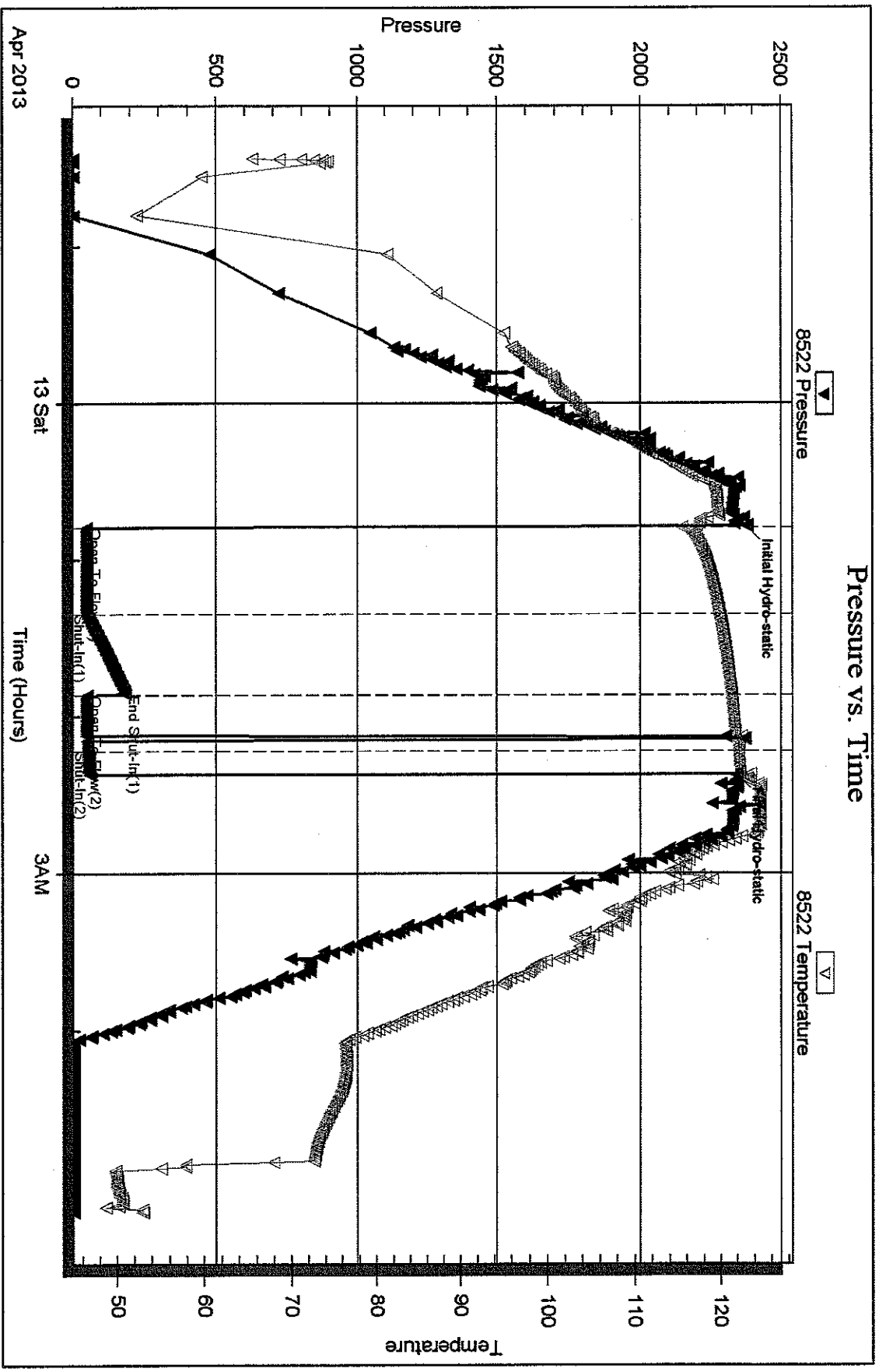
Tool Information

Drill Pipe:	Length: 4575.00 ft	Diameter: 3.20 inches	Volume: 45.51 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 45.51 bbl</u>	Tool Chased 20.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4590.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	106.00 ft			
Tool Length:	126.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4571.00	
Shut In Tool	5.00			4576.00	
Hydraulic tool	5.00			4581.00	
Packer	5.00			4586.00	20.00 Bottom Of Top Packer
Packer	4.00			4590.00	
Stubb	1.00			4591.00	
Recorder	0.00	8677	Inside	4591.00	
Recorder	0.00	8522	Outside	4591.00	
Perforations	5.00			4596.00	
Change Over Sub	1.00			4597.00	
Drill Pipe	95.00			4692.00	
Change Over Sub	1.00			4693.00	
Bullnose	3.00			4696.00	106.00 Bottom Packers & Anchor

Total Tool Length: 126.00

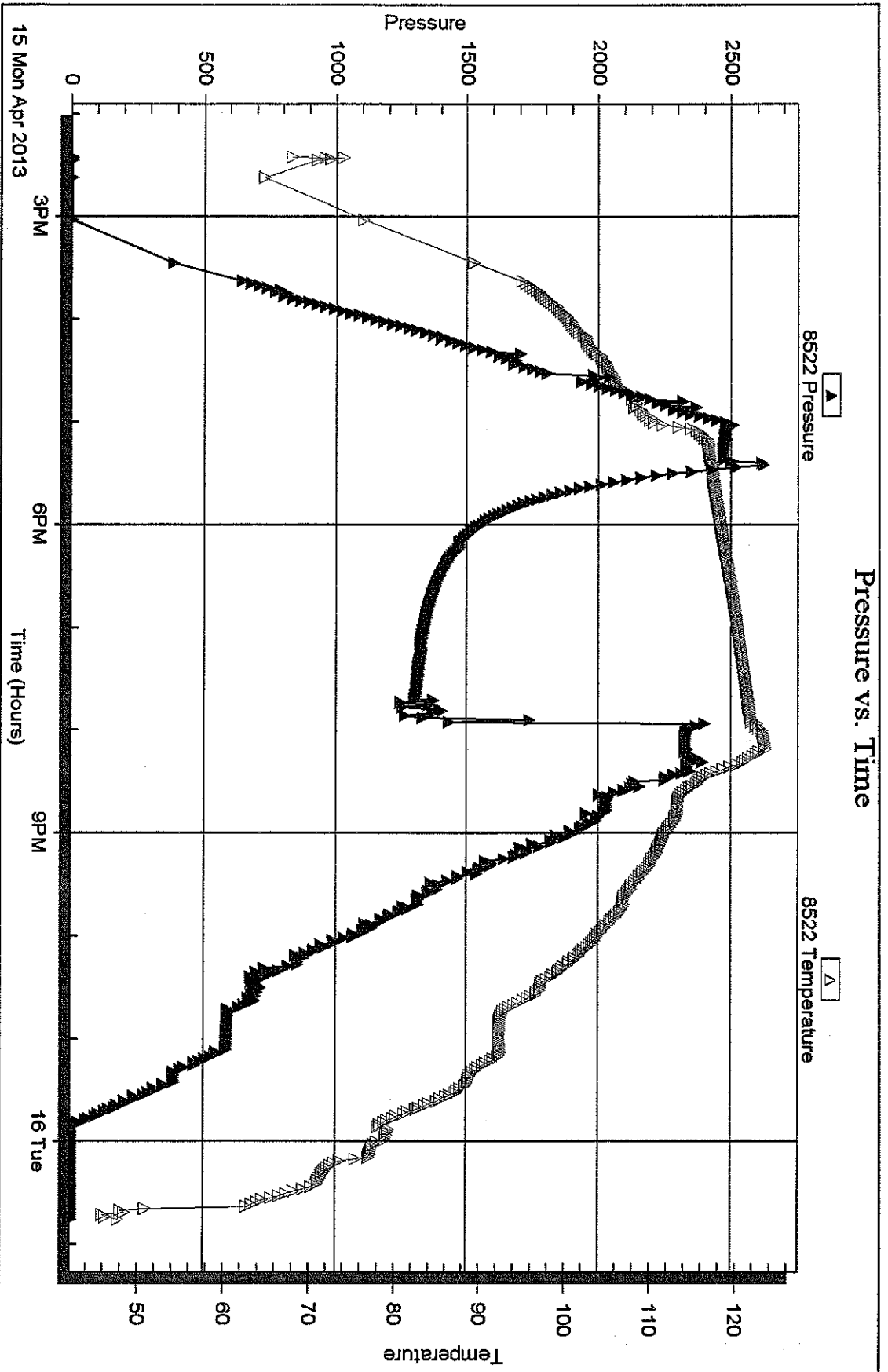


Serial #: 8522

Below (Straddler) Resources, LLC

Blar Chase Unit #1

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 49166

Printed: 2013.04.23 @ 09:43:54



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Castle Resources, LLC

30 8s 33w Thomas,KS

Box 87
Schoenchen, KS 67667

Eller Chase Unit #1

Job Ticket: 49167 DST#: 6

ATTN: Jerry Green

Test Start: 2013.04.16 @ 02:07:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:25:00

Time Test Ended: 09:09:15

Test Type: Conventional Straddle (Reset)

Tester: Bradley Waiter

Unit No: 53

Interval: 4850.00 ft (KB) To 4936.00 ft (KB) (TVD)

Total Depth: 5128.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3163.00 ft (KB)

3158.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8678

Outside

Press@RunDepth: 229.85 psig @ 4851.00 ft (KB)

Start Date: 2013.04.16

End Date:

2013.04.16

Capacity: 8000.00 psig

Last Calib.: 2013.04.16

Start Time: 02:07:05

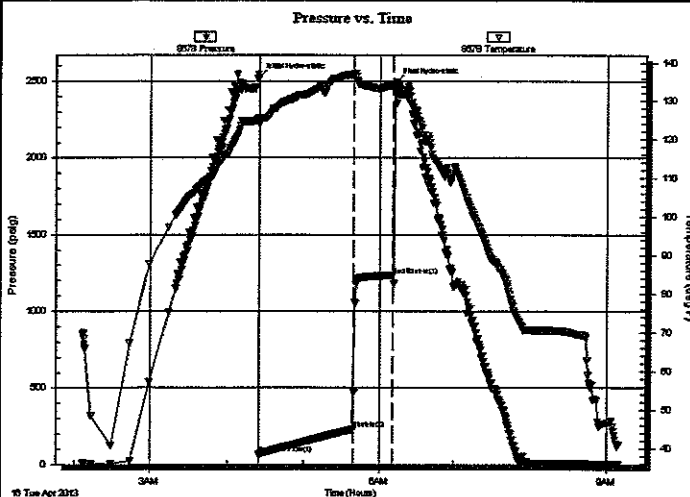
End Time:

09:09:14

Time On Btm: 2013.04.16 @ 04:24:45

Time Off Btm: 2013.04.16 @ 06:13:15

TEST COMMENT: IF: BOB @ 25 min.
ISI: No return.
Pulled test.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2524.53	125.50	Initial Hydro-static
1	67.22	124.14	Open To Flow (1)
75	229.85	136.90	Shut-In(1)
106	1233.58	133.79	End Shut-In(1)
109	2492.87	133.60	Final Hydro-static

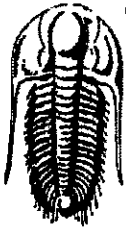
Recovery

Length (ft)	Description	Volume (bbl)
100.00	mcw 10m 90w	0.99
200.00	Mud 100m (thick)	1.99

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Castle Resources, LLC
 Box 87
 Schoenchen, KS 67667
 ATTN: Jerry Green

30 8s 33w Thomas,KS
Eller Chase Unit #1
 Job Ticket: 49167 DST#: 6
 Test Start: 2013.04.16 @ 02:07:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:25:00
 Time Test Ended: 09:09:15

Test Type: Conventional Straddle (Reset)
 Tester: Bradley Walter
 Unit No: 53

Interval: 4850.00 ft (KB) To 4936.00 ft (KB) (TVD)
 Total Depth: 5128.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3163.00 ft (KB)
 3158.00 ft (CF)
 KB to GR/CF: 5.00 ft

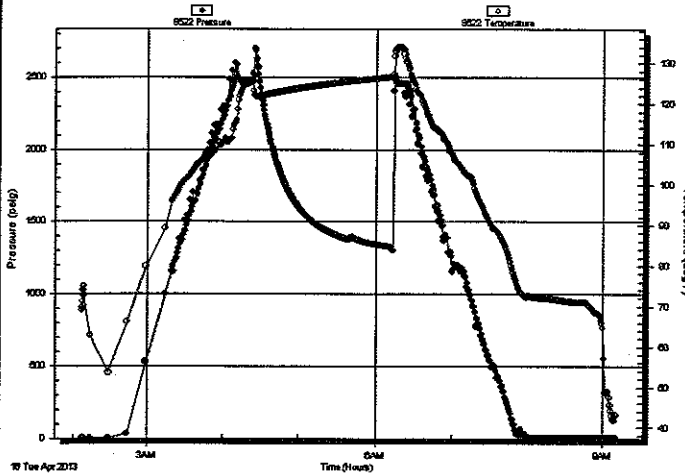
Serial #: 8522 Below (Straddle)

Press@RunDepth: psig @ 4939.00 ft (KB)
 Start Date: 2013.04.16 End Date: 2013.04.16
 Start Time: 02:07:05 End Time: 09:10:29

Capacity: 8000.00 psig
 Last Calib.: 2013.04.16
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB @ 25 min.
 ISI: No return.
 Pulled test.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

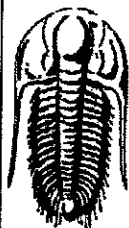
Recovery

Length (ft)	Description	Volume (bbl)
100.00	mcw 10m 90w	0.99
200.00	Mud 100m (thick)	1.99

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources, LLC

30 8s 33w Thomas,KS

Box 87
Schoenchen, KS 67667

Eller Chase Unit #1

Job Ticket: 49167 DST#: 6

ATTN: Jerry Green

Test Start: 2013.04.16 @ 02:07:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	mcw 10m 90w	0.995
200.00	Mud 100m (thick)	1.989

Total Length: 300.00 ft Total Volume: 2.984 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw is .468 @ 50F = 19000ppm

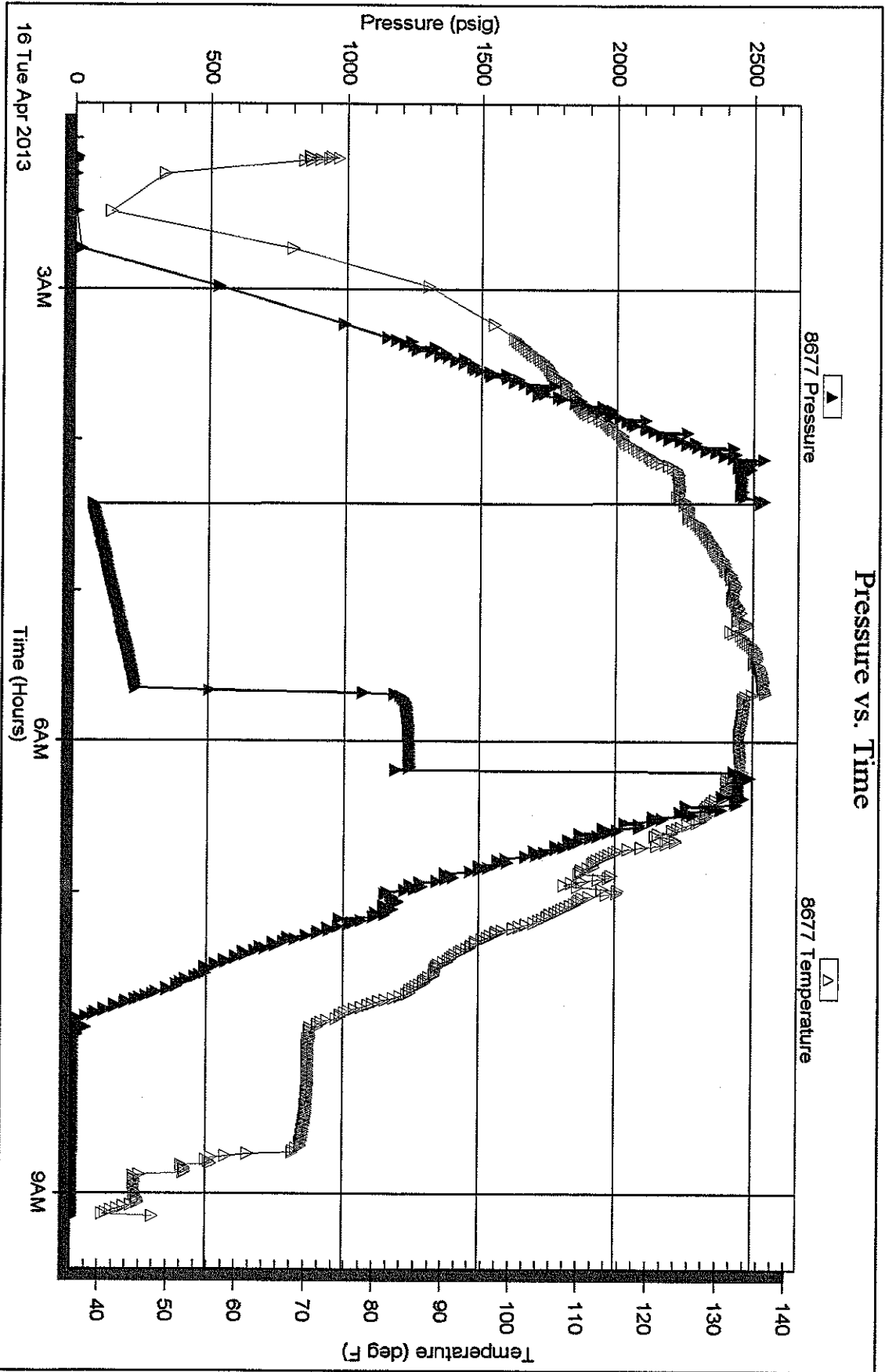
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Inside

Castle Resources, LLC

Eler Chase Unit #1

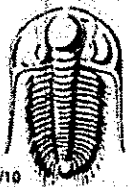
DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 49167

Printed: 2013.04.23 @ 09:33:54



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49162

Well Name & No. Eller Chase Unit #1 Test No. 1 Date 4/10/13
 Company Castle Resources, Inc Elevation 3163 KB _____ GL _____
 Address Box 87 Schoenchen, KS 67667
 Co. Rep / Geo. Jerry Green Rig White Knight
 Location: Sec. 30 Twp. 8s Rge. 33w Co. Thomas State KS

Interval Tested 4276 - 4433 Zone Tested _____
 Anchor Length 157 Drill Pipe Run 4268 Mud Wt. 9.1
 Top Packer Depth 4271 Drill Collars Run Ø Vis 48
 Bottom Packer Depth 4276 Wt. Pipe Run Ø WL 8.0
 Total Depth 4433 Chlorides 2,000 ppm System LCM 1#

Blow Description IF: 1" blow
IST: Surface blow
EF: Surface blow
PSI: Surface blow

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>Hole in pipe 3000' mud</u>				
Rec	Feet of _____				
Rec	Feet of _____				
Rec	Feet of _____				

Rec Total 118 BHT 118 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2208 Test 1050 T-On Location 0840
 (B) First Initial Flow 1549 Jars _____ T-Started 0918
 (C) First Final Flow _____ Safety Joint _____ T-Open 1251
 (D) Initial Shut-In _____ Circ Sub N/C T-Pulled 1551
 (E) Second Initial Flow _____ Hourly Standby 5.25h 525 T-Out 0002 4/11/13

(F) Second Final Flow _____ Mileage 217 Comments Frozen Lines & Rig Mgmt
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 2102 Straddle _____

Initial Open 45 Shale Packer 250 Ruined Shale Packer _____
 Initial Shut-In 45 Extra Packer _____ Ruined Packer _____
 Final Flow 45 Extra Recorder _____ Extra Copies _____
 Final Shut-In 45 Day Standby _____ Sub Total 0
 Sub Total 2042 Accessibility _____ Total 2042
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49164

Well Name & No. Eller Chase Unit #1 Test No. 3 Date 4/12/13
 Company Castle Resources, Inc Elevation 3163 KB 3158 GL
 Address Box 87 Schoenchen, Ks 67667
 Co. Rep / Geo. Jerry Green Rig White Knight
 Location: Sec. 30 Twp. 8s Rge. 33w Co. Thomas State Ks

Interval Tested 4590 - 4696 Zone Tested Johnson
 Anchor Length 106 Drill Pipe Run 4575 Mud Wt. 9.5
 Top Packer Depth 4585 Drill Collars Run 0 Vis 42
 Bottom Packer Depth 4590 Wt. Pipe Run 0 WL 8.8
 Total Depth 4696 Chlorides 1200 ppm System LCM 1#

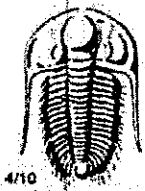
Blow Description IF: 2" blow
IST: No down
FF: surface blow
FS: 5' chase No return
HOLE IN PIPE

Rec	Feet of	%gas	%oil	%water	%mud
<u>4500</u>	<u>MOD</u>			<u>108</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 4000 BHT 115 Gravity ~ API RW ~ @ ~ F Chlorides ~ ppm

(A) Initial Hydrostatic ~ Test 1050 T-On Location 1030
 (B) First Initial Flow HOLE IN PIPE Jars ~ T-Started 1326
 (C) First Final Flow ~ Safety Joint ~ T-Open 7606
 (D) Initial Shut-In PIPE Circ Sub 1/4 T-Pulled 1906
 (E) Second Initial Flow ~ Hourly Standby 1.75h 175 T-Out 2212
 (F) Second Final Flow ~ Mileage 140 RT 217
 (G) Final Shut-In ~ Sampler ~
 (H) Final Hydrostatic ~ Straddle ~
 Shale Packer 250 Ruined Shale Packer ~
 Extra Packer ~ Ruined Packer ~
 Extra Recorder ~ Extra Copies ~
 Initial Open 45 Sub Total 0
 Initial Shut-In 45 Total 1692
 Final Flow 45 MP/DST Disc't ~
 Final Shut-In 45 Sub Total 1692

Approved By _____ Our Representative [Signature]
 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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49166

Well Name & No. Eller Chase Unit #1 Test No. 5 Date 4/15/13
 Company Castle Resources, Inc Elevation 5163 KB 3158 GL
 Address Box 87 Schoenchen, KS 67667
 Co. Rep / Geo. Jerry Green Rig White Knight
 Location: Sec. 30 Twp. 8s Rge. 53w Co. Thomas State Ks

Interval Tested 4868 - 4935 Zone Tested ---
 Anchor Length 67' Drill Pipe Run 4859 Mud Wt. 9.6
 Top Packer Depth 4863 Drill Collars Run 0 Vis 53
 Bottom Packer Depth 4868 Wt. Pipe Run 0 WL 7.0
 Total Depth 5128 Chlorides 700 ppm System LCM 4#
 Blow Description IF: 7" blow
IST: No return.
FF: 1" blow - Miss Run
FST: Pulled test.

Rec	Feet of	%gas	%oil	%water	%mud
<u>4030</u>	<u>MUD</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 4030 BHT 122 Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic <u>2506</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>1330</u>
(B) First Initial Flow <u>46</u>	<input type="checkbox"/> Jars	T-Started <u>1425</u>
(C) First Final Flow <u>101</u>	<input type="checkbox"/> Safety Joint	T-Open <u>1725</u>
(D) Initial Shut-In <u>1266</u>	<input checked="" type="checkbox"/> Circ Sub	T-Pulled <u>1938</u>
(E) Second Initial Flow <u>104</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0045</u>
(F) Second Final Flow <u>122</u>	<input checked="" type="checkbox"/> Mileage <u>140 RT 217</u>	Comments
(G) Final Shut-In <u>MISSRUN</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2365</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input checked="" type="checkbox"/> Ruined Shale Packer (1) <u>350</u>
	<input checked="" type="checkbox"/> Shale Packer <u>X2 500</u>	<input checked="" type="checkbox"/> Ruined Packer (1) <u>320</u>
Initial Open <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>670</u>
Final Flow <u>25</u>	<input type="checkbox"/> Day Standby	Total <u>3037</u>
Final Shut-In <u>---</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>2367</u>	

Approved By _____ Our Representative [Signature]

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.