



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1222294  
OIL & GAS CONSERVATION DIVISION

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 # \_\_\_\_\_

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical 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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1222294

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. 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 <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  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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# GLOBAL CEMENTING, L.L.C.

1394

REMIT TO 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT  
Russell KS

DATE <u>7-19</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>5:00 AM</u>
LEASE <u>Transue</u>	WELL# <u>1</u>	LOCATION			COUNTY <u>Shedden Co</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR White Knight Drilling #1  
 TYPE OF JOB Plug  
 HOLE SIZE 12 3/4 T.D. 4180  
 CASING SIZE 4 1/2 DEPTH  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG.  
 PERFS  
 DISPLACEMENT

OWNER  
 CEMENT  
 AMOUNT ORDERED 240 sacks 60/40 4% gel  
1/4 Flow

EQUIPMENT  
 PUMP TRUCK CEMENTER Cody  
 # 831 HELPER Brad  
 BULK TRUCK  
 # 131 DRIVER Erick  
 BULK TRUCK  
 # DRIVER

COMMON @  
 POZMIX @  
 GEL @  
 CHLORIDE @  
 ASC @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 HANDLING @  
 MILEAGE  
 TOTAL

REMARKS:  
1 plug 2280 50sks  
2 plug 1350 100sks  
3 plug 270 100sks  
4 40ft 10sks unplug plug  
Rat hole 30sks

CHARGE TO: Castle Res  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE  
 DEPTH OF JOB  
 PUMP TRUCK CHARGE  
 EXTRA FOOTAGE @  
 MILEAGE 28x2 @  
 MANIFOLD @  
 @  
 @  
 TOTAL

Global Cementing, L.L.C.,  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT  
 @  
85lb dry hole plug @  
 @  
 @  
 @  
 TOTAL

PRINTED NAME \_\_\_\_\_  
 SIGNATURE [Signature]

SALES TAX (If Any)  
 TOTAL CHARGES  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

# GLOBAL CEMENTING, L.L.C.

1391

REMIT TO 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT:  
*Russell KS*

DATE <i>7-11-14</i>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>3:45 PM</i>
LEASE <i>Transue</i>	WELL #. <i>1</i>	LOCATION			COUNTY <i>Shelby Co.</i>	STATE <i>KS</i>	
OLD OR <input checked="" type="radio"/> NEW (CIRCLE ONE)							

CONTRACTOR *White Knight Drilling*

TYPE OF JOB *Surface*

HOLE SIZE *12 3/4* T.D. \_\_\_\_\_

CASING SIZE *8 3/8* DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

EQUIPMENT

PUMP TRUCK CEMENTER *Cody*

# *P1* HELPER *Brad*

BULK TRUCK

# *B4* DRIVER *Erick*

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED *150 sacks 3% L/C 2% gel*

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

ASC \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

REMARKS:  
*Run 5 Joints 8 3/8 casing and Landing Joint*  
*Est. Circulation*  
*Hooked up mixed 150 sacks and plug placed 12-5 hrs*  
*Shut in at 200 hrs*

CHARGE TO: *Castle Resources*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Global Cementing, L.L.C.,  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME \_\_\_\_\_

SIGNATURE *Terry Austin*

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE *18 hrs* \_\_\_\_\_ @ \_\_\_\_\_

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS



## DRILL STEM TEST REPORT

Prepared For: **Castle Resources Inc**

Box 87  
Schoenchen Ks 67667-0087

ATTN: Jerry Green, Tony Ri

### Transue #1

#### 26-9s-26w Sheridan,KS

Start Date: 2014.07.17 @ 20:35:14

End Date: 2014.07.18 @ 02:49:38

Job Ticket #: 58829                      DST #: 1

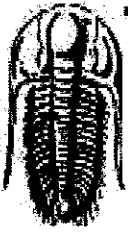
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.07.21 @ 10:46:02

Castle Resources Inc    26-9s-26w Sheridan,KS    Transue #1    DST # 1    LKC A    2014.07.17



# TRILOBITE TESTING, INC.

## DRILL STEM TEST REPORT

Castle Resources Inc  
Box 87  
Schoenchen Ks 67667-0087  
ATTN: Jerry Green, Tony RI

26-9s-26w Sheridan,KS  
Transue #1  
Job Ticket: 58829      DST#: 1  
Test Start: 2014.07.17 @ 20:35:14

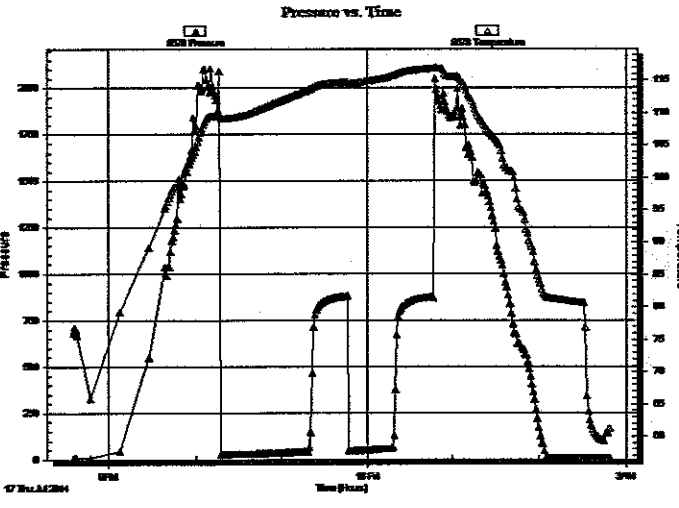
### GENERAL INFORMATION:

Formation: **LKC A**  
Deviated: No Whipstock      ft (KB)      Test Type: Conventional Straddle (Initial)  
Time Tool Opened: 22:16:39      Tester: Ray Schwager  
Time Test Ended: 02:49:38      Unit No: 70  
Interval: **3870.00 ft (KB) To 3885.00 ft (KB) (TVD)**      Reference Elevations: 2630.00 ft (KB)  
Total Depth: 4180.00 ft (KB) (TVD)      2625.00 ft (CF)  
Hole Diameter: 7.85 inches      Hole Condition: Fair      KB to GR/CF: 5.00 ft

### Serial #: 8678

Outside      Capacity: 8000.00 psig  
Press@RunDepth: psig @ 3876.00 ft (KB)      Last Calb.: 2014.07.18  
Start Date: 2014.07.17      End Date: 2014.07.18  
Start Time: 20:35:36      End Time: 02:49:00      Time On Btm:  
Time Off Btm:

TEST COMMENT: 60-IFP-w k bl thru-out 1/4" to 3/4" bl  
30-ISIP-no bl  
30-FFP-no bl  
30-FSIP-no bl



### PRESSURE SUMMARY

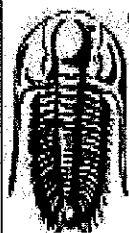
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

### Recovery

Length (ft)	Description	Volume (bbl)
65.00	MW 25%M75%W w/slight show of oil	0.32

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Castle Resources Inc  
 Box 87  
 Schoenchen Ks 67667-0087  
 ATTN: Jerry Green, Tony Ri

**26-9s-26w Sheridan,KS**  
**Transue #1**  
 Job Ticket: 58829      **DST#: 1**  
 Test Start: 2014.07.17 @ 20:35:14

**Tool Information**

Drill Pipe:	Length: 3759.00 ft	Diameter: 3.80 inches	Volume: 52.73 bbl	Tool Weight: 2200.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
		<b>Total Volume:</b>	<b>53.32 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3870.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	3885.00 ft			
Interval between Packers:	15.00 ft			
Tool Length:	346.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

**Tool Description**

**Length (ft)    Serial No.    Position    Depth (ft)    Accum. Lengths**

Change Over Sub	1.00			3850.00	
Shut In Tool	5.00			3855.00	
Hydraulic tool	5.00			3860.00	
Packer	5.00			3865.00	21.00      Bottom Of Top Packer
Packer	5.00			3870.00	
Stubb	1.00			3871.00	
Perforations	5.00			3876.00	
Recorder	0.00	8018	Inside	3876.00	
Recorder	0.00	8678	Outside	3876.00	
Perforations	5.00			3881.00	
Blank Off Sub	1.00			3882.00	
Blank Spacing	3.00			3885.00	15.00      Tool Interval
Packer	5.00			3890.00	
Stubb	1.00			3891.00	
Perforations	8.00			3899.00	
Recorder	0.00	8374	Below	3899.00	
Blank Spacing	293.00			4192.00	
Bullnose	3.00			4195.00	310.00      Bottom Packers & Anchor

**Total Tool Length: 346.00**

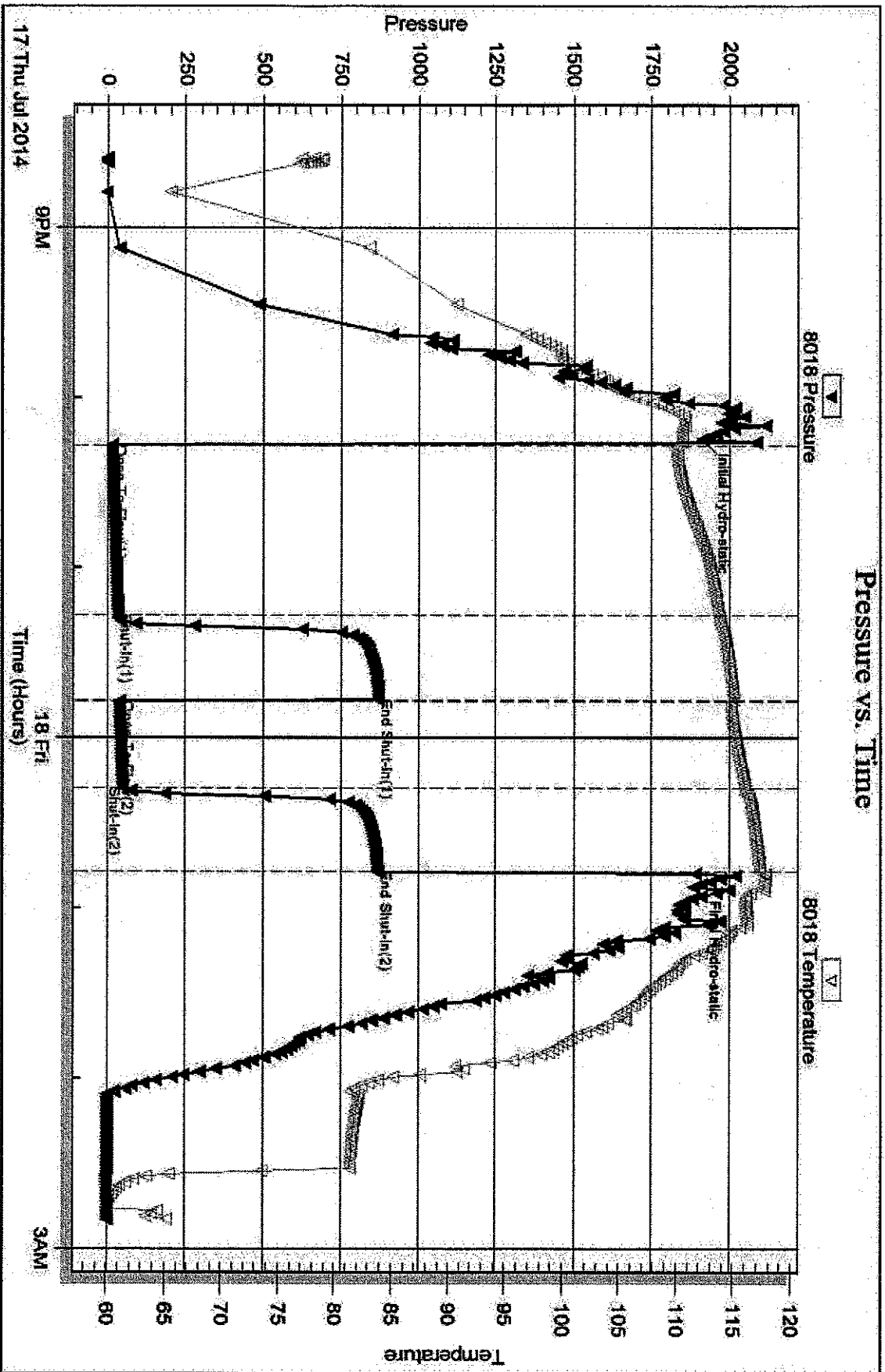
Serial #: 8018

Inside

Castle Resources Inc.

Transue #1

DSJ Test Number: 1



Triobite Testing, Inc

Ref. No: 58829

Printed: 2014/07/21 @ 10:46:04

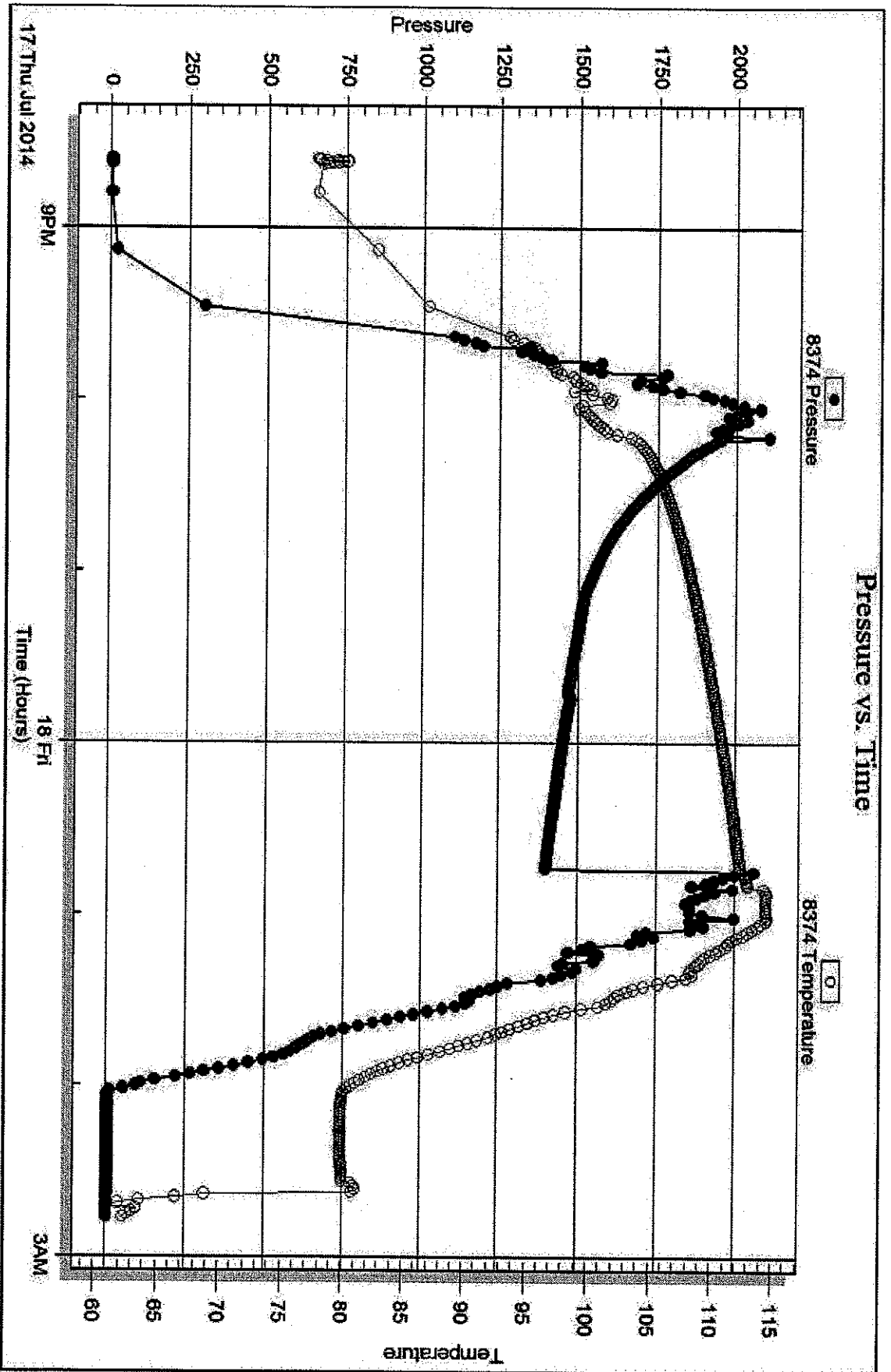


Serial #: 8374

Below (Straddling) Resources Inc.

Transue #1

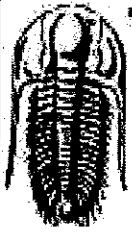
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 58829

Printed: 2014.07.21 @ 10:46:04



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Castle Resources Inc  
 Box 87  
 Schoenchen Ks 67667-0087  
 ATTN: Jerry Green, Tony Ri

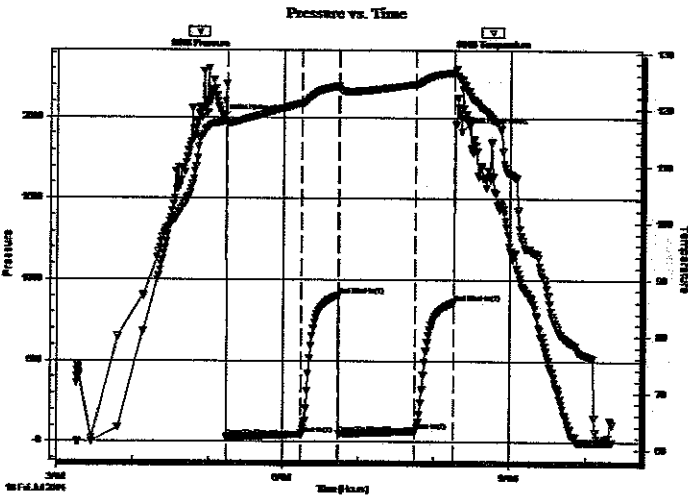
**26-9s-26w Sheridan,KS**  
**Transue #1**  
 Job Ticket: 58830 **DST#: 2**  
 Test Start: 2014.07.18 @ 03:15:58

## GENERAL INFORMATION:

Formation: **LKC K-L**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 05:13:53  
 Time Test Ended: 10:21:52  
 Interval: **4068.00 ft (KB) To 4180.00 ft (KB) (TVD)**  
 Total Depth: 4180.00 ft (KB) (TVD)  
 Hole Diameter: 7.85 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ray Schwager  
 Unit No: 70  
 Reference Elevations: 2630.00 ft (KB)  
 2625.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8018** Inside  
 Press@RunDepth: 65.08 psig @ 4083.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.07.18 End Date: 2014.07.18 Last Calib.: 2014.07.18  
 Start Time: 03:15:58 End Time: 10:21:52 Time On Btm: 2014.07.18 @ 05:10:53  
 Time Off Btm: 2014.07.18 @ 08:21:52

**TEST COMMENT:** 60-IFP-w k bl thru-out 1" to 2" bl  
 30-ISIP-no bl  
 60-FFP-w k bl thru-out , surface to 1/2" bl  
 30-FSIP-no bl



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1992.32	117.76	Initial Hydro-static
3	27.60	117.38	Open To Flow (1)
63	44.87	121.02	Shut-In(1)
93	906.09	124.05	End Shut-In(1)
93	49.04	123.59	Open To Flow (2)
154	65.08	124.43	Shut-In(2)
185	864.61	126.49	End Shut-In(2)
191	1915.48	125.31	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	Oil	0.00
75.00	WM 30%W70%M	0.37

\* 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 Inc  
Box 87  
Schoenchen Ks 67667-0087  
ATTN: Jerry Green, Tony Ri

26-9s-26w Sheridan,KS  
Transue #1  
Job Ticket: 58830  
DST#: 2  
Test Start: 2014.07.18 @ 03:15:58

## Tool Information

Drill Pipe:	Length: 3957.00 ft	Diameter: 3.80 inches	Volume: 55.51 bbl	Tool Weight: 2200.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 56.10 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4068.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	112.00 ft			
Tool Length:	133.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4048.00	
Shut In Tool	5.00			4053.00	
Hydraulic tool	5.00			4058.00	
Packer	5.00			4063.00	21.00 Bottom Of Top Packer
Packer	5.00			4068.00	
Stubb	1.00			4069.00	
Perforations	14.00			4083.00	
Recorder	0.00	8018	Inside	4083.00	
Recorder	0.00	8678	Outside	4083.00	
Blank Spacing	94.00			4177.00	
Bullnose	3.00			4180.00	112.00 Bottom Packers & Anchor

**Total Tool Length: 133.00**

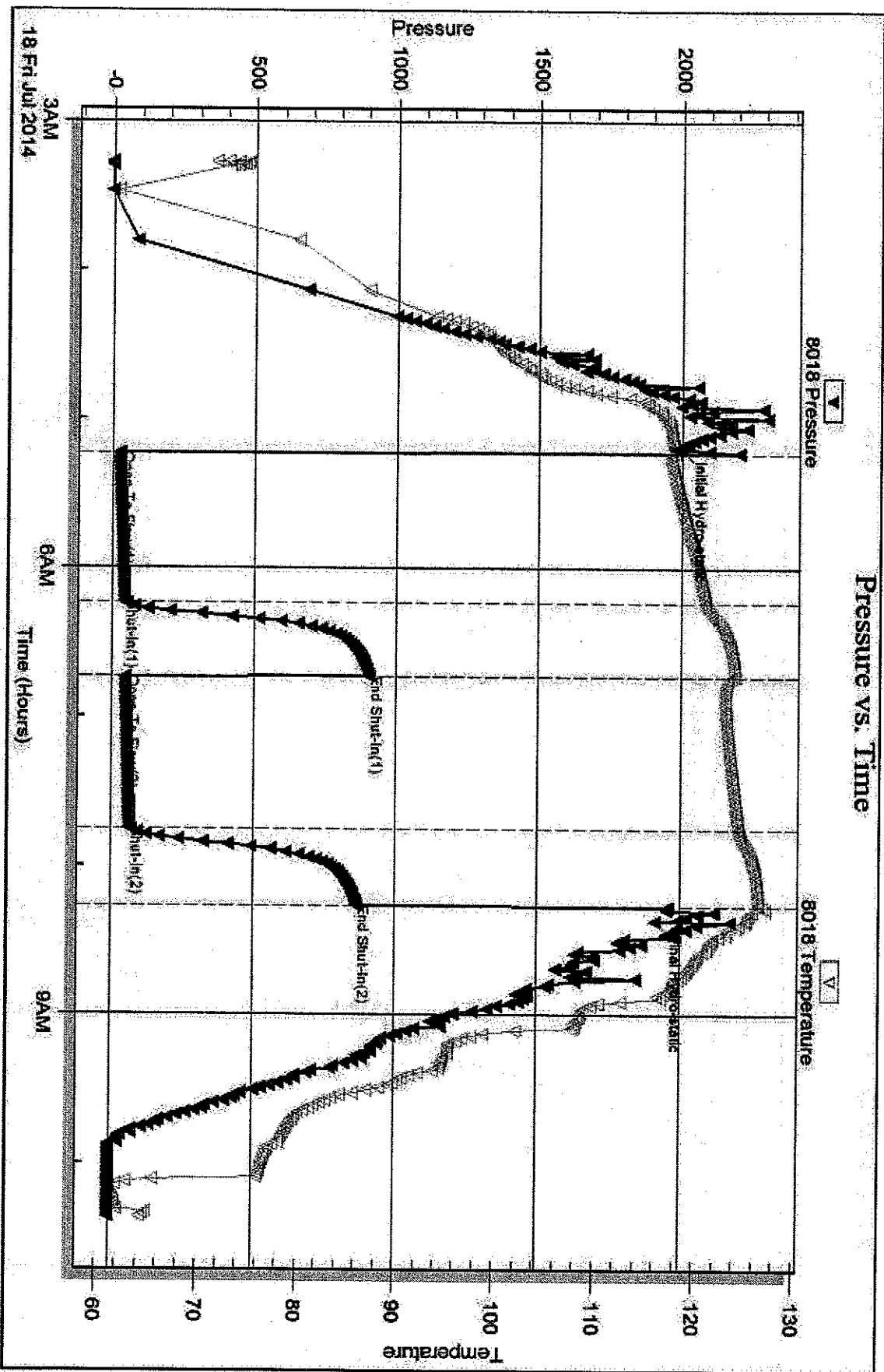
Serial #: 8018

Inside

Castle Resources Inc.

Trainsue #1

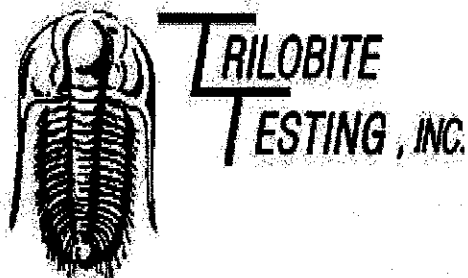
DST Test Number 2



Mobile Testing, Inc.

Ref. No: 58830

Printed: 2014.07.21 @ 10:45:38



## DRILL STEM TEST REPORT

Prepared For: **Castle Resources Inc**

Box 87  
Schoenchen Ks 67667-0087

ATTN: Jerry Green, Tony Ri

### Transue #1

### 26-9s-26w Sheridan,KS

Start Date: 2014.07.18 @ 15:10:08

End Date: 2014.07.18 @ 21:27:32

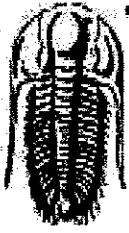
Job Ticket #: 58831                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Castle Resources Inc  
 Box 87  
 Schoenchen Ks 67667-0087  
 ATTN: Jerry Green, Tony Ri

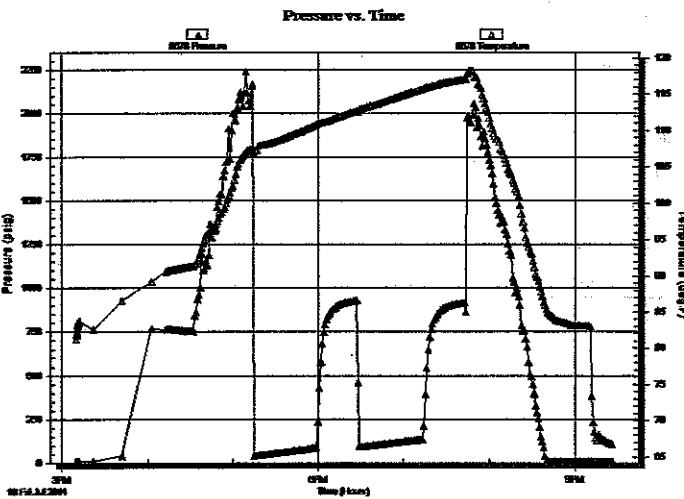
26-9s-26w Sheridan,KS  
 Transue #1  
 Job Ticket: 58831      DST#: 3  
 Test Start: 2014.07.18 @ 15:10:08

### GENERAL INFORMATION:

Formation: **LKC G-L**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 17:14:33  
 Time Test Ended: 21:27:32  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ray Schwager  
 Unit No: 70  
 Interval: **3975.00 ft (KB) To 4180.00 ft (KB) (TVD)**  
 Total Depth: 4180.00 ft (KB) (TVD)  
 Reference Elevations: 2630.00 ft (KB)  
 2625.00 ft (CF)  
 Hole Diameter: 7.85 inches Hole Condition: Fair  
 KB to GR/CF: 5.00 ft

**Serial #: 8678      Outside**  
 Press@RunDepth:      psig @      3977.00 ft (KB)      Capacity:      8000.00 psig  
 Start Date:      2014.07.18      End Date:      2014.07.18      Last Calib.:      2014.07.18  
 Start Time:      15:10:35      End Time:      21:26:29      Time On Btmr:  
 Time Off Btmr:

**TEST COMMENT:** 45-IFP-w k to a gd bl 1" to 8" bl  
 30-ISIP-no bl  
 45-FFP-w k to a fr bl surface to 4" bl  
 30-FSIP-no bl



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
45.00	WM 40%W60%Mw /show of oil	0.22
186.00	MW 25%M75%W	1.93

\* 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 Inc  
Box 87  
Schoenchen Ks 67667-0087  
ATTN: Jerry Green, Tony Ri

**26-9s-26w Sheridan,KS**  
**Transue #1**  
Job Ticket: 58831      **DST#: 3**  
Test Start: 2014.07.18 @ 15:10:08

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	32000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.95 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	WM 40%W60%Mw/show of oil	0.221
186.00	MW 25%M75%W	1.926

Total Length: 231.00 ft      Total Volume: 2.147 bbl

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

Laboratory Name:      Laboratory Location:

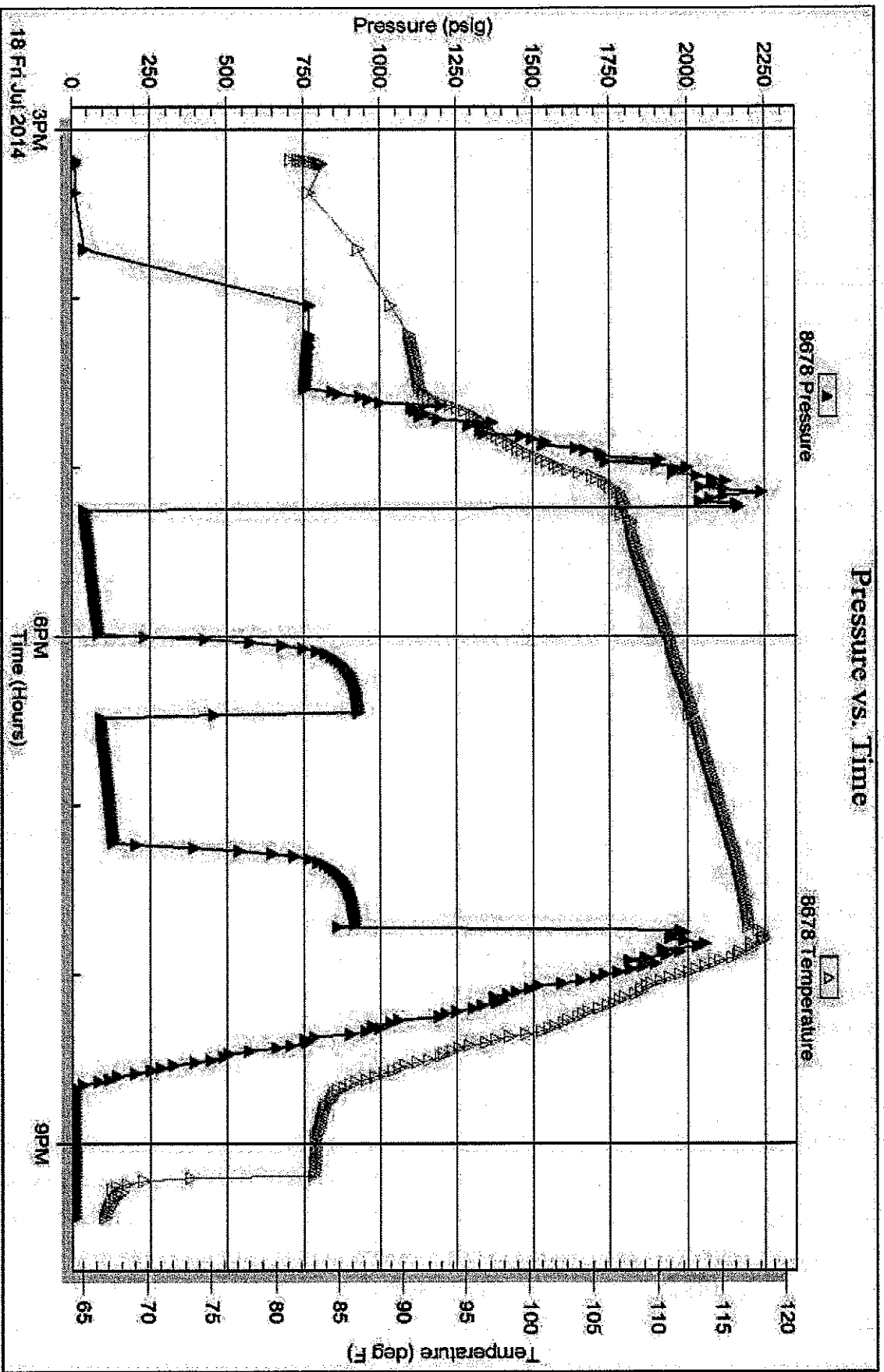
Recovery Comments: RW .23 @ 70F

Serial #: 9678

Outside Castle Resources Inc.

Transue #1

DST Test Number 3



Trikolite Testing, Inc

Ref. No. 56831

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 58830

Well Name & No. TRANSUE #1 Test No. 2 Date 7-18-14  
 Company Castle Resources, Inc Elevation 2634 KB 2629 GL  
 Address Box 87 Schoenchen, Ks 67667-0087  
 Co. Rep / Geo. Tony Richardson, Jerry Green Rig White Knight rig  
 Location: Sec. 26 Twp. 9<sup>s</sup> Rge. 26<sup>w</sup> Co. Sheridan State Ks

Interval Tested 4068-4180 Zone Tested LKC K-L  
 Anchor Length 112 Drill Pipe Run 3957 Mud Wt. 9.3  
 Top Packer Depth 4063 Drill Collars Run — Vis 44  
 Bottom Packer Depth 4068 Wt. Pipe Run — WL 8  
 Total Depth 4180 Chlorides 2000 ppm System LCM —

Blow Description IFP - WEAK Blow thru-out, 1" to 2" Blow  
ISTP - NO Blow  
FFP - WEAK Blow thru-out, surface to  
FSTP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>75</u>	<u>WM</u>			<u>30</u>	<u>70</u>
<u>1</u>	<u>oil</u>				

Rec Total 76 BHT 126 Gravity — API RW .3 @ 70 °F Chlorides 23000 ppm  
 (A) Initial Hydrostatic 1992  Test 1250 T-On Location 0250  
 (B) First Initial Flow 27  Jars — T-Started 0315  
 (C) First Final Flow 44  Safety Joint — T-Open 0515  
 (D) Initial Shut-In 906  Circ Sub — T-Pulled 0815  
 (E) Second Initial Flow 49  Hourly Standby — T-Out 1021  
 (F) Second Final Flow 65  Mileage N/C Comments —  
 (G) Final Shut-In 864  Sampler —  
 (H) Final Hydrostatic 1915  Straddle —  
 Shale Packer 250  Ruined Shale Packer —  
 Extra Packer —  Ruined Packer —  
 Extra Recorder —  Extra Copies —  
 Day Standby — Sub Total 0  
 Accessibility — Total 1500  
 Sub Total 1500 MP/DST Disc't —

Initial Open 60  
 Initial Shut-In 30  
 Final Flow 60  
 Final Shut-In 30

Approved By \_\_\_\_\_ Our Representative RAY SCHWAGER *Thank you*

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