

# 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
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

EQUIPMENT

PUMP TRUCK CEMENTER Cody

# 031 HELPER Brod

BULK TRUCK DRIVER Erick

# 131

BULK TRUCK DRIVER

#

REMARKS:

1 plug 2280 500SKS

2 plug 1350 100SKS

3 plug 270 100SKS

4 40ft 10SKS unplug plug

Rat hole 30SKS

CHARGE TO: Castle Res

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 [Signature]

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 240SKS 60/40 4% gel

1 1/4 FLOW

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

SERVICE

DEPTH OF JOB	_____	
PUMP TRUCK CHARGE	_____	
EXTRA FOOTAGE	@ _____	
MILEAGE <u>28x2</u>	@ _____	
MANIFOLD	@ _____	
	@ _____	
	@ _____	
		TOTAL _____

PLUG & FLOAT EQUIPMENT

	@	_____
<u>850 Dry hole plug</u>	@	_____
	@	_____
	@	_____
	@	_____
		TOTAL _____

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>Tinsare</i>	WELL #. <i>1</i>	LOCATION			COUNTY <i>Shenandoah 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

OWNER

CEMENT AMOUNT ORDERED *150 sks 3% LC 2% gel*

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER *Cody*

# *P1* HELPER *Bruce*

BULK TRUCK DRIVER *Erick*

# *B4* DRIVER

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE *18kd* @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

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

CHARGE TO: *Castle Resources*

STREET

CITY STATE ZIP

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

Global Cementing, L.L.C.,  
You are hereby requested to rent cementing equipment and furnish cement 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*



## 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

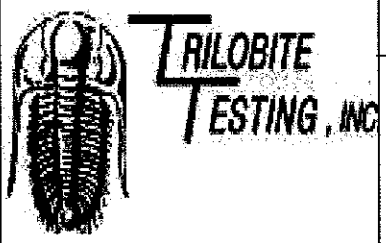
Trilobite Testing, Inc

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



# DRILL STEM TEST REPORT

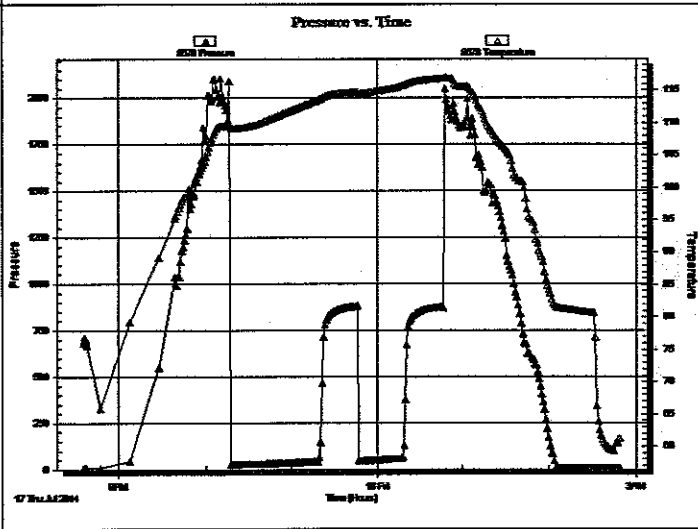
Castle Resources Inc 26-9s-26w Sheridan,KS  
 Box 87 Transue #1  
 Schoenchen Ks 67667-0087 Job Ticket: 58829 DST#: 1  
 ATTN: Jerry Green, Tony RI Test Start: 2014.07.17 @ 20:35:14

### 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  
 Press@RunDepth: psig @ 3876.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.07.17 End Date: 2014.07.18 Last Calb.: 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

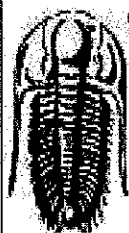
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

### 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
			<u>Total Volume: 53.32 bbl</u>	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**

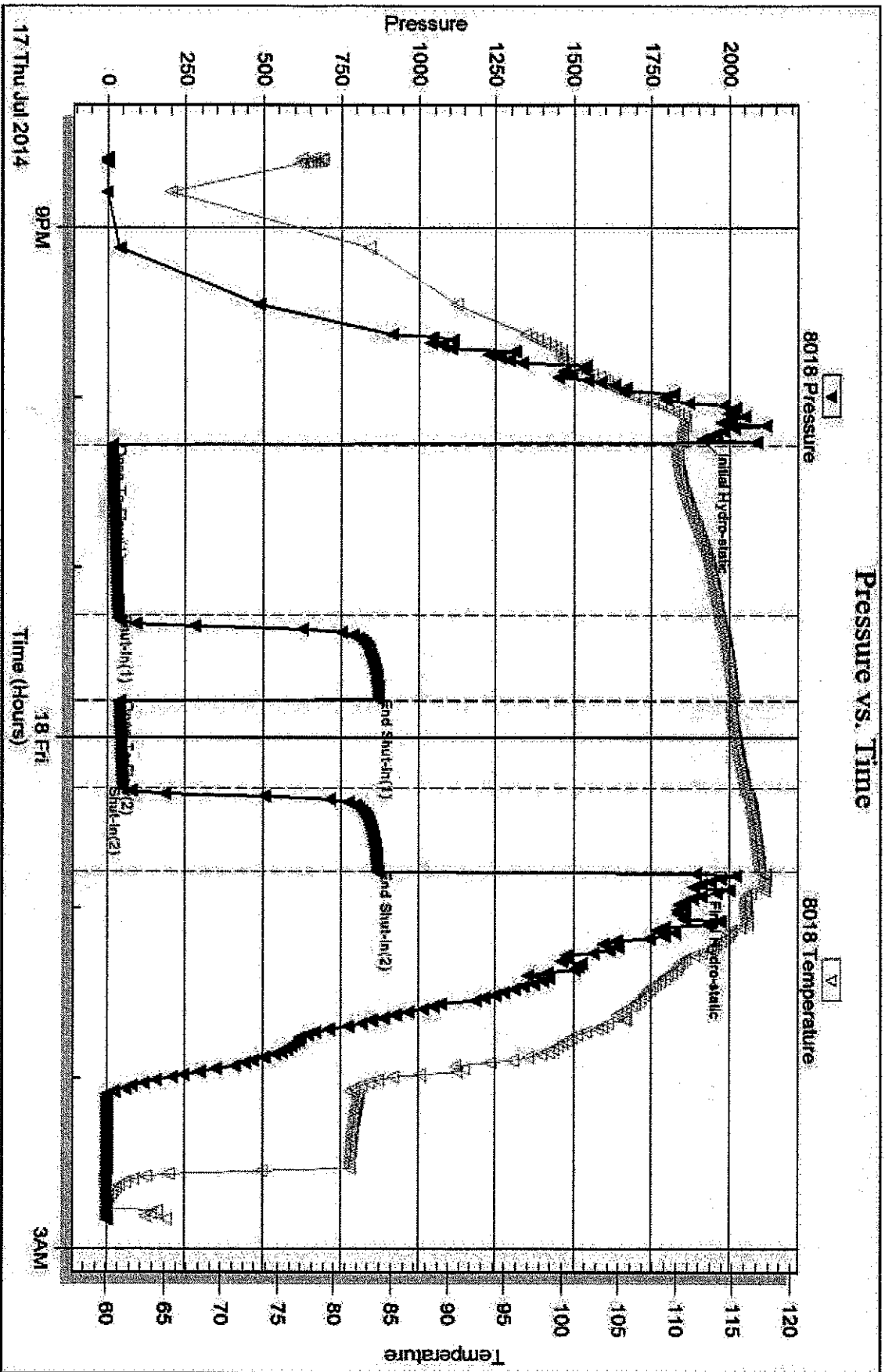
Serial #: 8018

Inside

Castle Resources Inc.

Transue #1

DSJ Test Number: 1



Triobite Testing, Inc

Ref. No: 58829

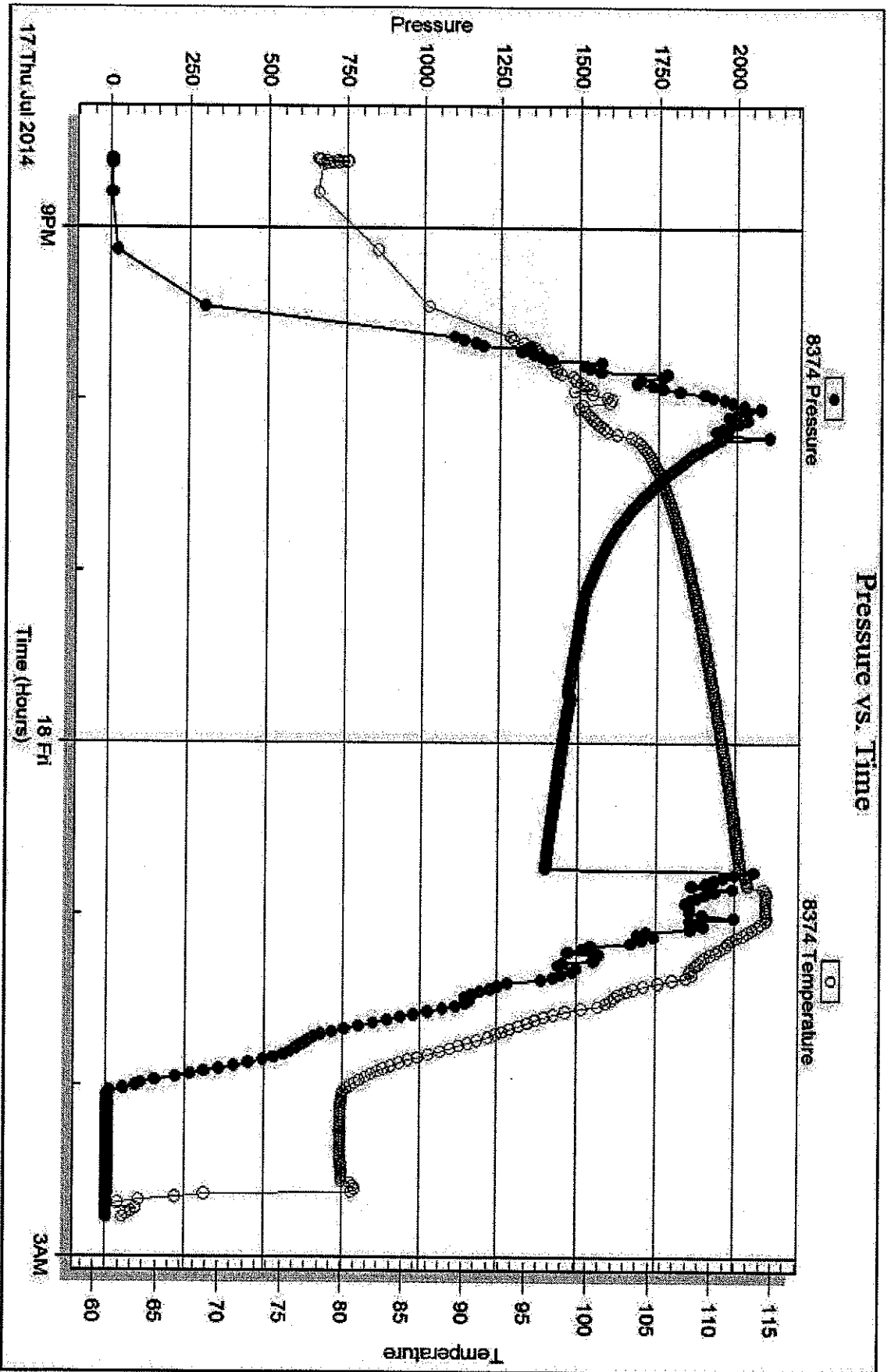
Printed: 2014/07/21 @ 10:46:04

Serial #: 8374

Below (Straddling) Resources Inc.

Transue #1

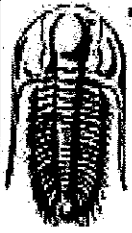
DST Test Number: 1



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

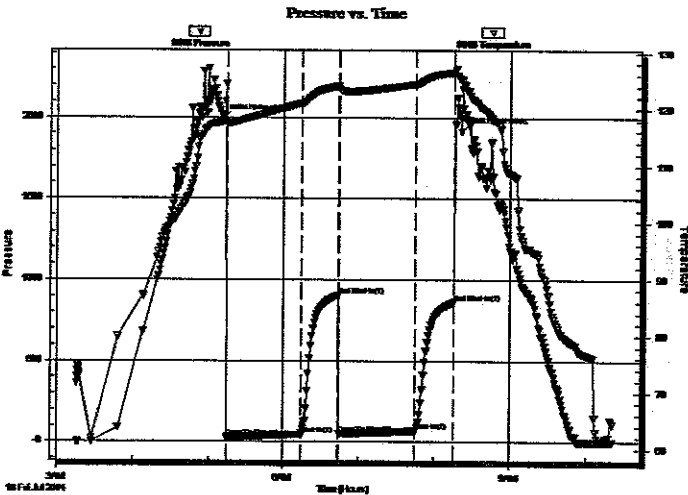
**26-9s-26w Sheridan,KS**  
**Transue #1**  
 Job Ticket: 58830 **DST#: 2**  
 Test Start: 2014.07.18 @ 03:15:58

## 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**

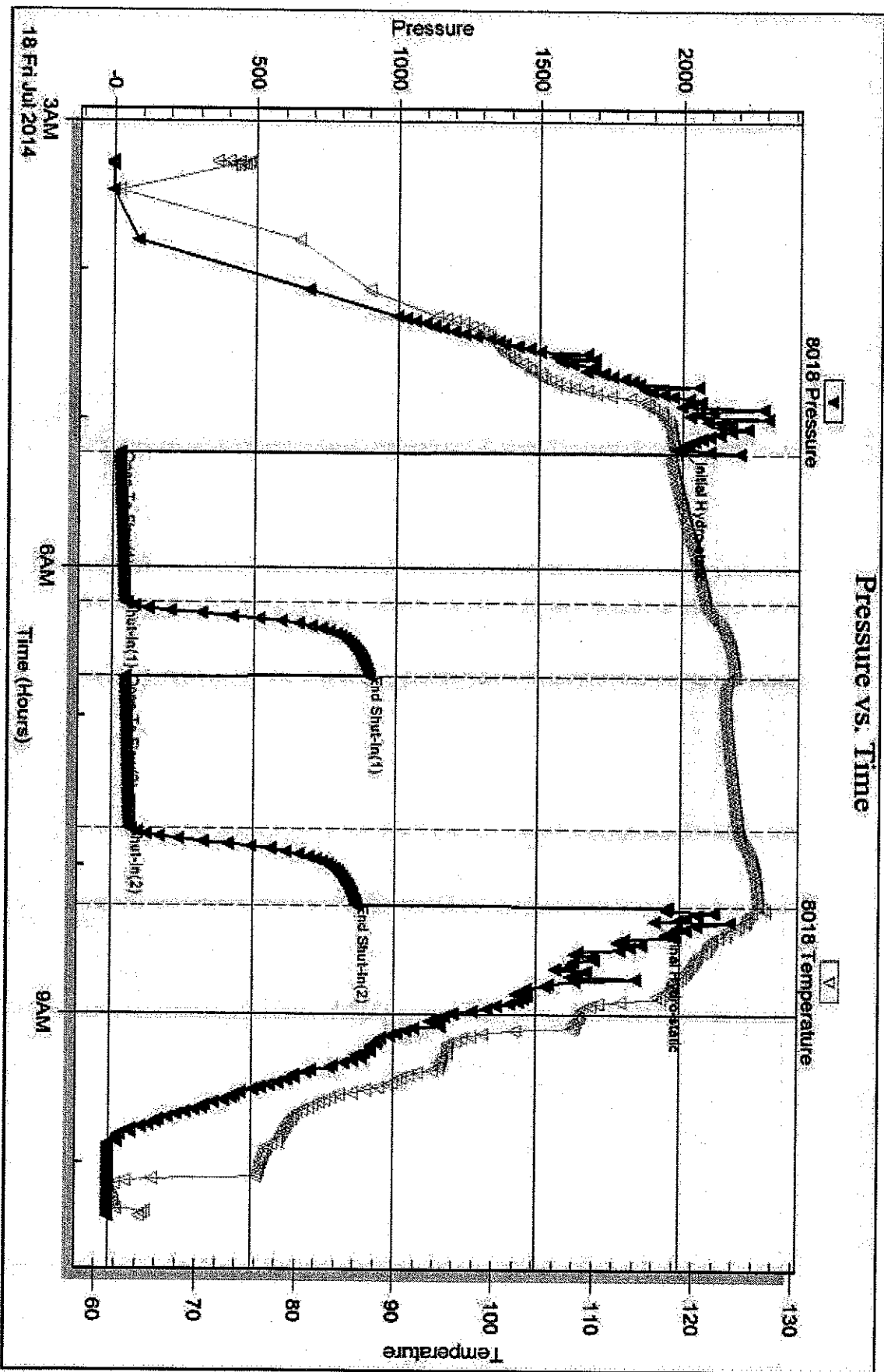
Serial #: 8018

Inside

Castle Resources Inc.

Trainsue #1

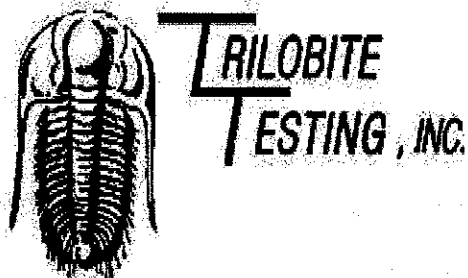
DST Test Number 2



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

Printed: 2014.07.21 @ 10:44:48

Castle Resources Inc 26-9s-26w Sheridan,KS Transue #1 DST # 3 LKC G-L 2014.07.18



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

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

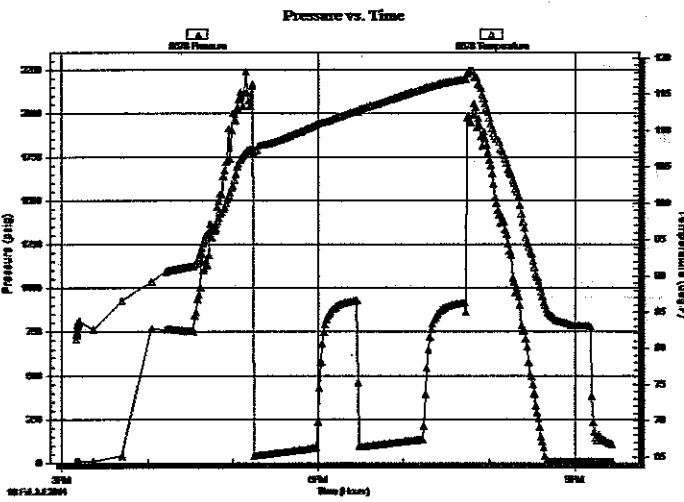
**26-9s-26w Sheridan,KS**  
**Transue #1**  
Job Ticket: 58831      **DST#: 3**  
Test Start: 2014.07.18 @ 15:10:08

## GENERAL INFORMATION:

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

**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%M w /show of oil	0.22
186.00	MW 25%M75%W	1.93

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)

\* Recovery from multiple tests



**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:

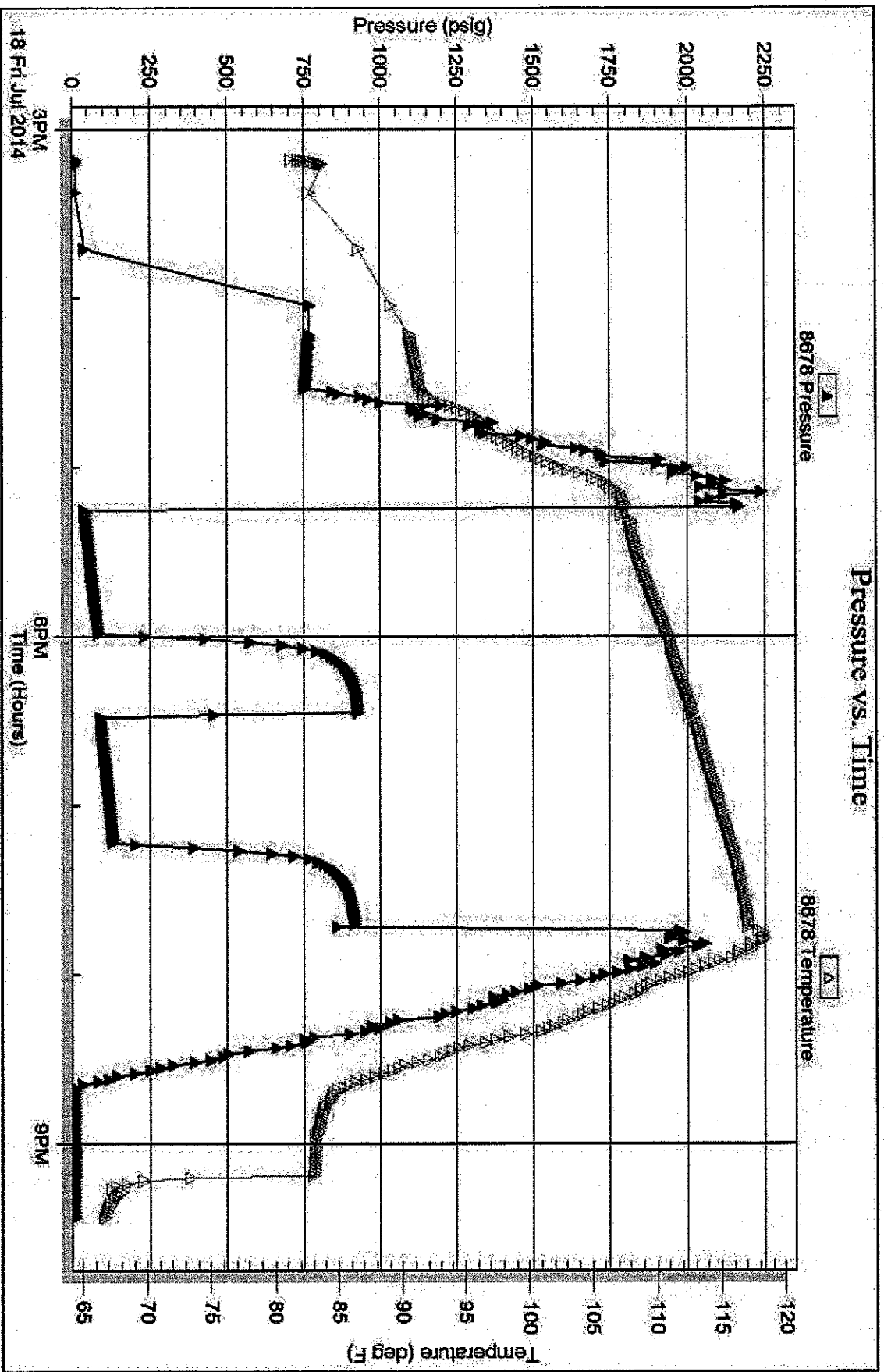
Recovery Comments: RW .23 @ 70F

Serial #: 9678

Outside: Castle Resources Inc.

Transue #1

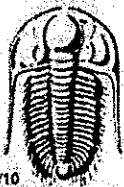
DST Test Number: 3



TriKoble Testing, Inc

Ref. No: 56831

Printed: 2014.07.21 @ 10:34:49



# 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 -  
 Sub Total 0  
 Total 1500  
 MP/DST Disc't -

Initial Open 60  
 Initial Shut-In 30  
 Final Flow 60  
 Final Shut-In 30  
 Sub Total 1500

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

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.