

# JERRY GREEN

CONSULTING GEOLOGIST

P.O. BOX 87

SCHOENCHEN, KS 67667

PHONE: 785-625-5155

## GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY <u>Castle Resources</u>	ELEVATIONS
LEASE <u>Juenemann#1</u>	KB <u>2354</u>
FIELD <u>WC</u>	DF _____
LOCATION <u>380'FSL 1070'FEL</u>	GL <u>2349</u>
SEC <u>29</u> TWSP <u>3S</u> RGE <u>24W</u>	Measurements Are All
COUNTY <u>NORTON</u> STATE <u>KS</u>	From <u>KB</u>
CONTRACTOR <u>White Knight Drlg</u>	CASING
SPUD <u>11-27-13</u> COMP <u>12-6-13</u>	SURFACE <u>@218</u>
RTD <u>3725</u> LTD <u>3724</u>	PRODUCTION _____
MUD UP <u>3200'</u> TYPE MUD <u>Chem.</u>	ELECTRICAL SURVEYS
	DIL/ND Micro

SAMPLES SAVED FROM <u>3200'</u>	TO <u>TD</u>
DRILLING TIME KEPT FROM <u>3200'</u>	TO <u>TD</u>
SAMPLES EXAMINED FROM <u>3200'</u>	TO <u>TD</u>
GEOLOGICAL SUPERVISION FROM <u>3200'</u>	TO <u>TD</u>
GEOLOGIST ON WELL <u>3200'</u>	

FORMATION TOPS	LOG	SAMPLES				
<u>Heebner</u>	<u>3340-986</u>	<u>3341-987</u>				
<u>Toronto</u>	<u>3370-1012</u>	<u>3366-1012</u>				
<u>LKC</u>	<u>3384-1030</u>	<u>3384-1030</u>				
<u>BKC</u>	<u>3567-1212</u>	<u>3567-1212</u>				
<u>Reagan</u>	<u>3660-1306</u>	<u>3659-1305</u>				
<u>Granite wash</u>	<u>3670-1316</u>	<u>3670-1316</u>				
<u>Granite</u>	<u>3712-1358</u>	<u>3712-1358</u>				
RTD:	<u>3724-1370</u>	<u>3725-1371</u>				



## DRILL STEM TEST REPORT

Prepared For: **Castle Resources, Inc.**

PO Box 87  
Schoenchen, KS 67667

ATTN: Jerry Green

**Juenemann #1**

**29-3s-24w Norton,KS**

Start Date: 2013.12.05 @ 09:08:00

End Date: 2013.12.05 @ 16:25:45

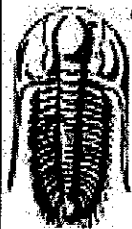
Job Ticket #: 55878                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Castle Resources, Inc. 29-3s-24w Norton,KS Juenemann #1 DST # 1 Reagan Sand - Granit 2013.12.05



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Castle Resources, Inc.  
 PO Box 87  
 Schoenchen, KS 67667  
 ATTN: Jerry Green

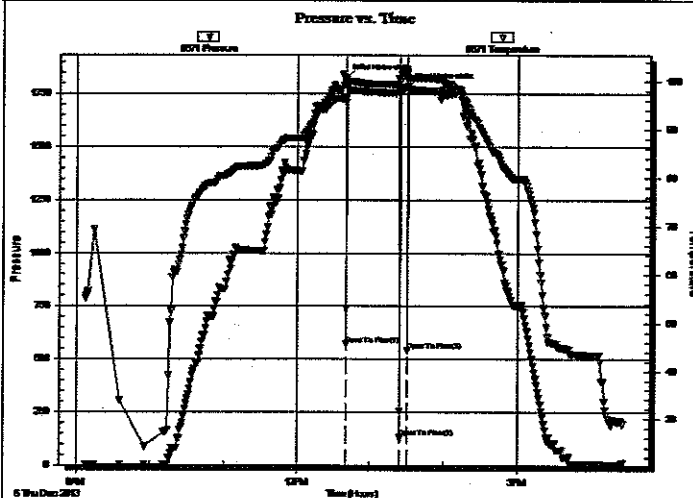
**29-3s-24w Norton,KS**  
**Juenemann #1**  
 Job Ticket: 55878      **DST#: 1**  
 Test Start: 2013.12.05 @ 09:08:00

## GENERAL INFORMATION:

Formation: **Reagan Sand - Granit**  
 Deviated: No Whipstock: ft (KB)      Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 12:40:30      Tester: James Winder  
 Time Test Ended: 16:25:45      Unit No: 57  
 Interval: **3566.00 ft (KB) To 3725.00 ft (KB) (TVD)**      Reference Elevations: 2354.00 ft (KB)  
 Total Depth: 3725.00 ft (KB) (TVD)      2349.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair      KB to GR/CF: 5.00 ft

**Serial #: 8671**      Inside  
 Press@RunDepth: psig @ 3567.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2013.12.05      End Date: 2013.12.05      Last Calib.: 2013.12.05  
 Start Time: 09:08:05      End Time: 16:25:44      Time On Btm: 2013.12.05 @ 12:40:00  
 Time Off Btm: 2013.12.05 @ 13:31:00

**TEST COMMENT:** Mis-Run  
 Packers didn't hold  
 Reset tool & tried 2 more times - packers still didn't hold  
 Pulled tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1821.80	96.34	Initial Hydro-static
1	571.67	96.76	Open To Flow (1)
45	129.58	99.85	Open To Flow (2)
51	542.63	100.74	Open To Flow (3)
51	1784.56	100.76	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
245.00	Mud 100%	3.44

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Castle Resources, Inc.

**29-3s-24w Norton, KS**

PO Box 87  
Schoenchen, KS 67667

**Juenemann #1**

Job Ticket: 55878 **DST#:1**

ATTN: Jerry Green

Test Start: 2013.12.05 @ 09:08:00

### Tool Information

Drill Pipe:	Length: 3550.00 ft	Diameter: 3.80 inches	Volume: 49.80 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 42000.00 lb
			<u>Total Volume: 49.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3566.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	159.00 ft			
Tool Length:	179.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3551.00	
Hydraulic tool	5.00			3556.00	
Packer	5.00			3561.00	20.00 Bottom Of Top Packer
Packer	5.00			3566.00	
Stubb	1.00			3567.00	
Recorder	0.00	8671	Inside	3567.00	
Recorder	0.00	8320	Outside	3567.00	
Perforations	30.00			3597.00	
Blank Spacing	123.00			3720.00	
Perforations	2.00			3722.00	
Bullnose	3.00			3725.00	159.00 Bottom Packers & Anchor

**Total Tool Length: 179.00**

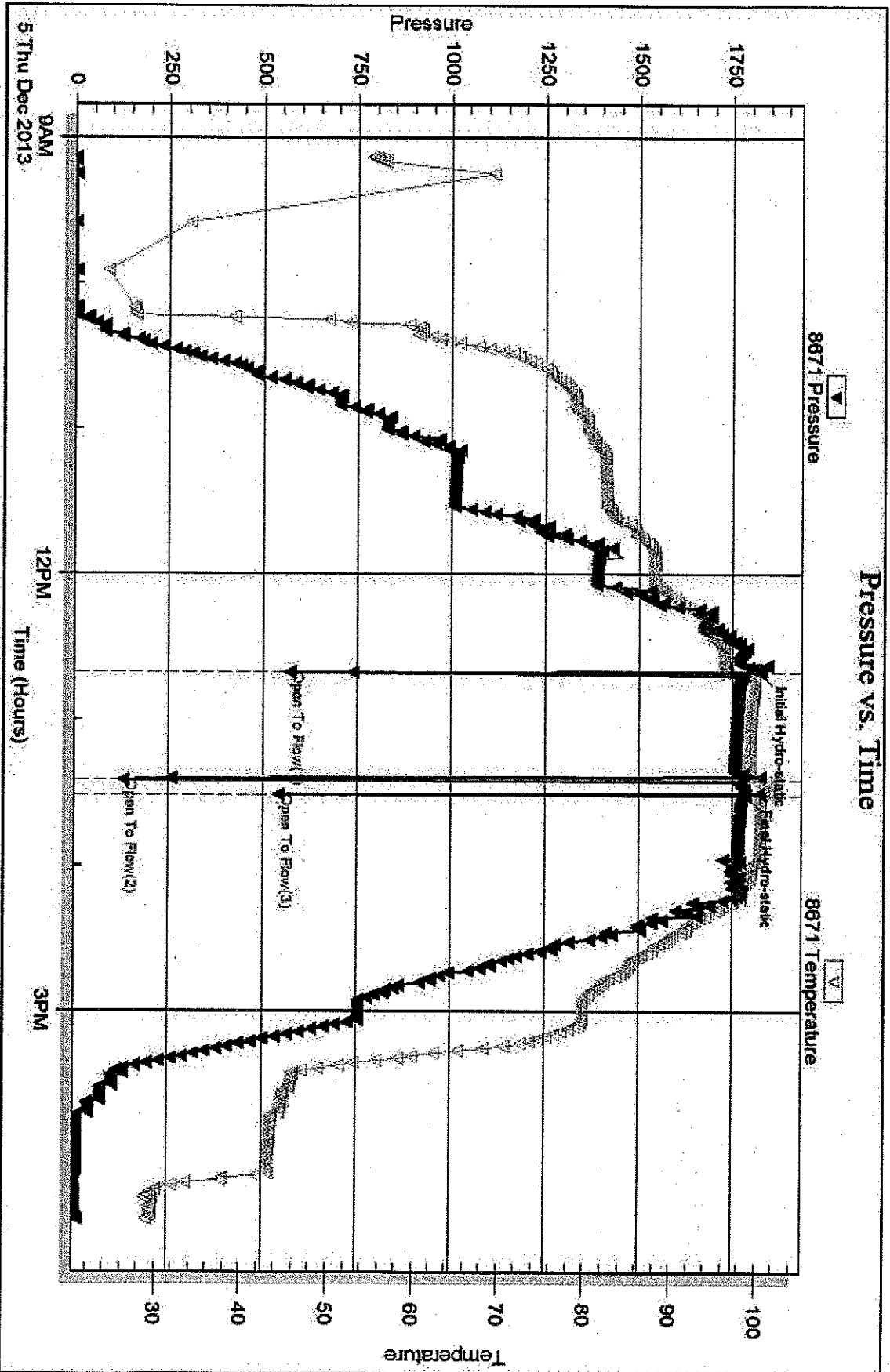
Serial #: 8671

Inside

Castle Resources, Inc.

Juergeman #1

DST Test Number: 1

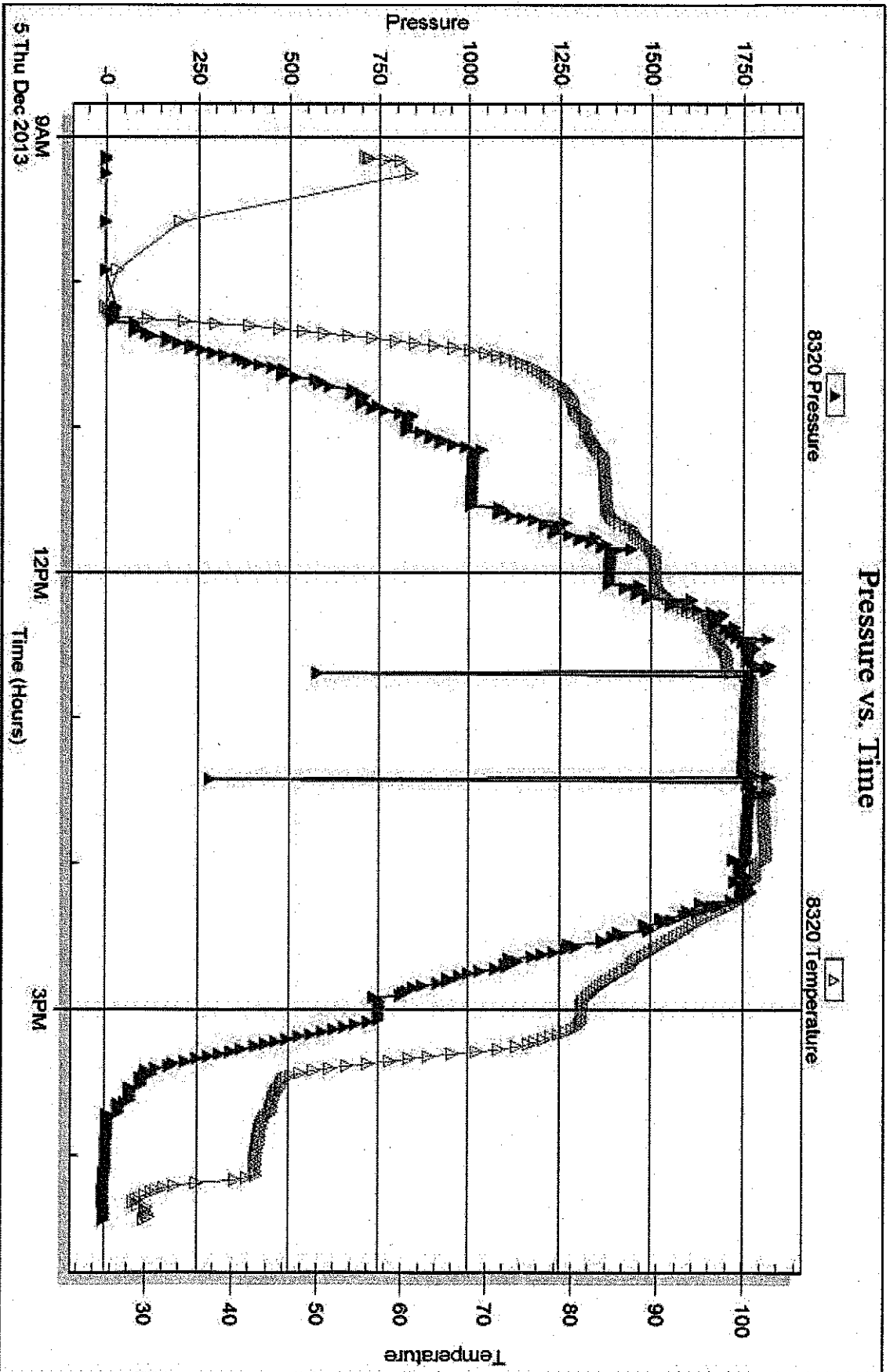


Serial #: 8320

Outside Castle Resources, Inc.

Run #1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Castle Resources, Inc.**

PO Box 87  
Schoenchen, KS 67667

ATTN: Jerry Green

**Juenemann #1**

**29-3s-24w Norton,KS**

Start Date: 2013.12.05 @ 17:11:00

End Date: 2013.12.06 @ 00:53:45

Job Ticket #: 55879                      DST #: 2

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

Printed: 2013.12.06 @ 10:49:01

Castle Resources, Inc.

29-3s-24w Norton,KS

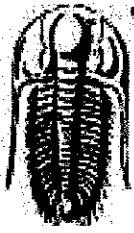
Juenemann #1

DST # 2

Reagan Sand

2013.12.05





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Castle Resources, Inc.  
 PO Box 87  
 Schoenchen, KS 67667  
 ATTN: Jerry Green

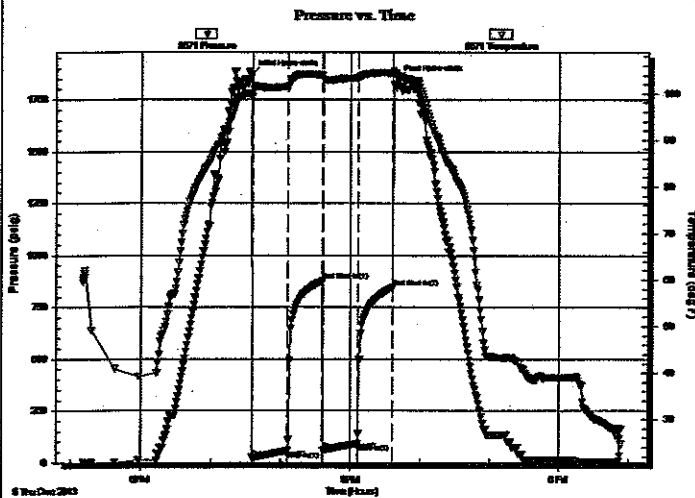
**29-3s-24w Norton, KS**  
**Juenemann #1**  
 Job Ticket: 55879      **DST#: 2**  
 Test Start: 2013.12.05 @ 17:11:00

## GENERAL INFORMATION:

Formation: **Reagan Sand**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 19:35:15  
 Time Test Ended: 00:53:45  
 Interval: **3662.00 ft (KB) To 3676.00 ft (KB) (TVD)**  
 Total Depth: 3725.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Reset)  
 Tester: James Winder  
 Unit No: 57  
 Reference Elevations: 2354.00 ft (KB)  
 2349.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8671**      **Inside**  
 Press@RunDepth: 91.41 psig @ 3663.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2013.12.05      End Date: 2013.12.06      Last Calib.: 2013.12.06  
 Start Time: 17:11:05      End Time: 00:53:44      Time On Btm: 2013.12.05 @ 19:34:45  
 Time Off Btm: 2013.12.05 @ 21:40:15

**TEST COMMENT:** 30 - IF: Blow built to BOB (11") in 11 min.  
 30 - IS: Blow back built to about 1/4"  
 30 - FF: Blow built to BOB in 20 min.  
 30 - FS: Blow back built to just over 1/4"



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1873.28	99.74	Initial Hydro-static
1	24.32	99.38	Open To Flow (1)
31	57.50	101.49	Shut-in(1)
61	875.41	103.98	End Shut-in(1)
62	59.29	103.09	Open To Flow (2)
91	91.41	103.38	Shut-in(2)
122	844.34	104.44	End Shut-in(2)
126	1850.36	103.96	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	WM w/oil spots 47% <sub>m</sub> , 44% <sub>w</sub> , 6% <sub>g</sub> , 3% <sub>o</sub> 0.56	
145.00	CGO 85% <sub>o</sub> , 13% <sub>g</sub> , 2% <sub>m</sub>	2.03
65.00	CGO 50% <sub>g</sub> , 49% <sub>o</sub> , 1% <sub>m</sub>	0.91
0.00	GIP = 60%	0.00

\* 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.

29-3s-24w Norton, KS

PO Box 87  
Schoenchen, KS 67667

Juenemann #1

Job Ticket: 55879

DST#: 2

ATTN: Jerry Green

Test Start: 2013.12.05 @ 17:11:00

### Tool Information

Drill Pipe:	Length: 3640.00 ft	Diameter: 3.80 inches	Volume: 51.06 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 51.06 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3662.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	3676.00 ft			
Interval between Packers:	14.00 ft			
Tool Length:	91.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3639.00	
Hydraulic tool	5.00			3644.00	
Jars	5.00			3649.00	
Safety Joint	3.00			3652.00	
Packer	5.00			3657.00	28.00 Bottom Of Top Packer
Packer	5.00			3662.00	
Packer - Shale	0.00			3662.00	
Stubb	1.00			3663.00	
Recorder	0.00	8671	Inside	3663.00	
Recorder	0.00	8320	Outside	3663.00	
Perforations	8.00			3671.00	
Blank Off Sub	1.00			3672.00	
Blank Spacing	4.00			3676.00	14.00 Tool Interval
Packer	0.00			3676.00	
Stubb	1.00			3677.00	
Recorder	0.00	8366	Below	3677.00	
Perforations	10.00			3687.00	
Blank Spacing	33.00			3720.00	
Perforations	2.00			3722.00	
Bullnose	3.00			3725.00	49.00 Bottom Packers & Anchor

**Total Tool Length: 91.00**



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Castle Resources, Inc.

**29-3s-24w Norton, KS**

PO Box 87  
Schoenchen, KS 67667

**Juenemann #1**

Job Ticket: 55879

**DST#:2**

ATTN: Jerry Green

Test Start: 2013.12.05 @ 17:11:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26.8 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	WMw /oil spots 47% <i>m</i> , 44% <i>w</i> , 6% <i>g</i> , 3% <i>o</i>	0.561
145.00	CGO 85% <i>o</i> , 13% <i>g</i> , 2% <i>m</i>	2.034
65.00	CGO 50% <i>g</i> , 49% <i>o</i> , 1% <i>m</i>	0.912
0.00	GIP = 60%	0.000

Total Length: 250.00 ft      Total Volume: 3.507 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: gravity = 24 api @ 32 deg F  
corrected gravity = 26.8 api

Serial #: 8671

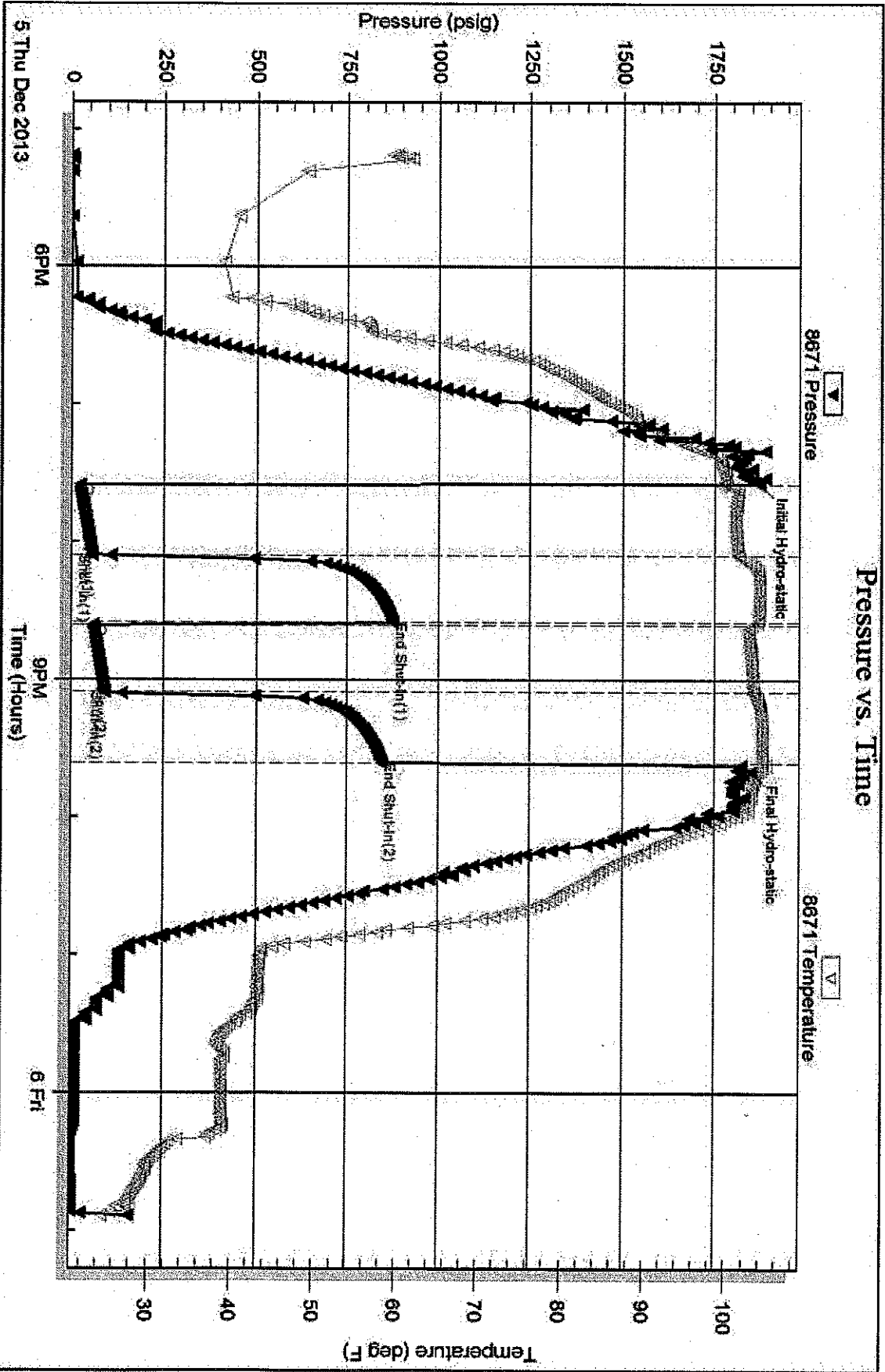
Inside

Castle Resources, Inc.

Juergeman #1

DST Test Number: 2

### Pressure vs. Time



Trioble Testing, Inc

Ref. No: 55879

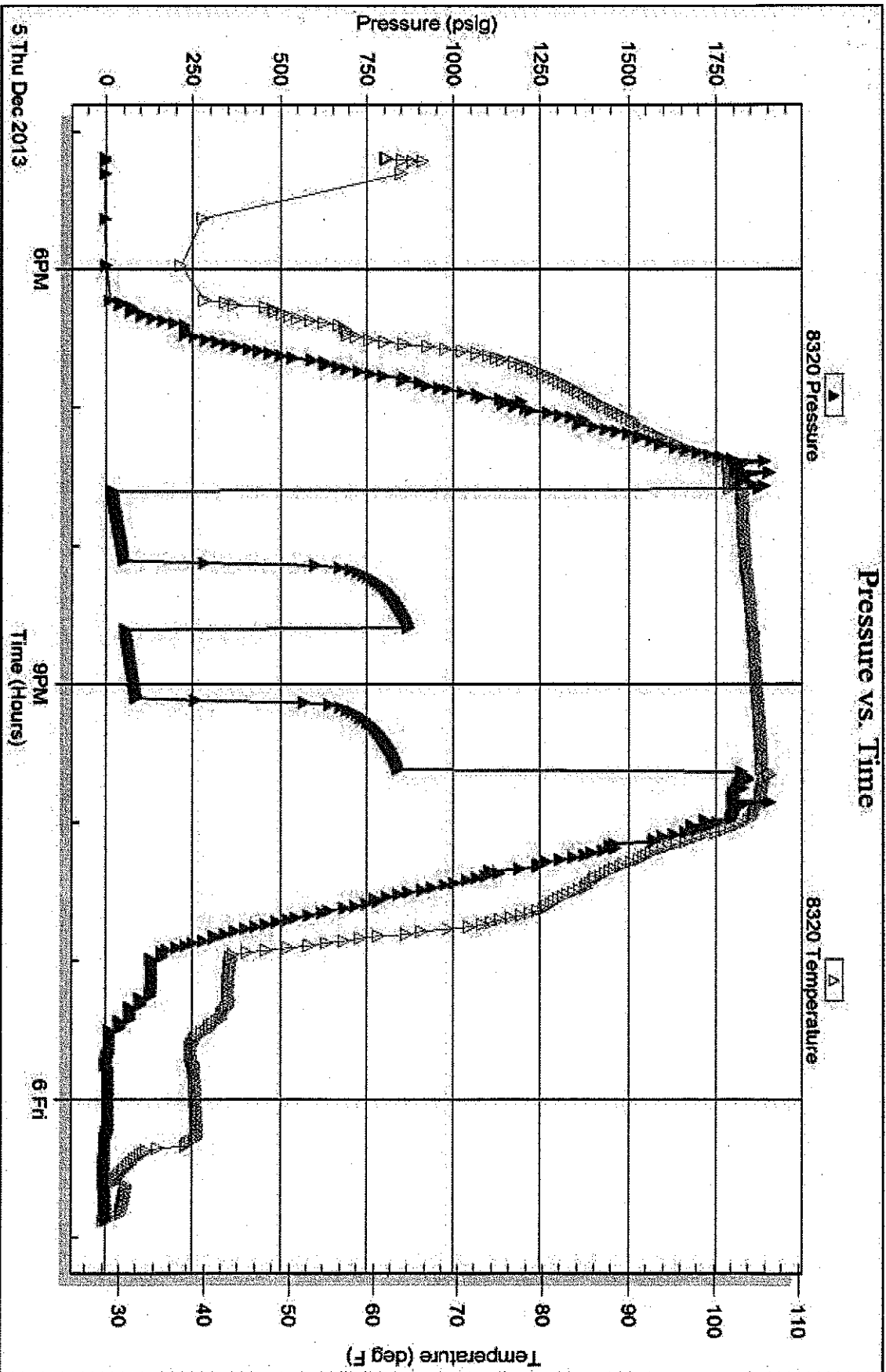
Printed: 2013.12.06 @ 10:49:03

Serial #: 8320

Outside Castle Resources, Inc.

Identifier #1

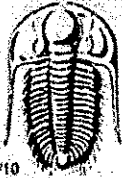
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 55679

Printed: 2013.12.06 @ 10:48:03



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55878

Well Name & No. Juenemann #1 Test No. 1 Date 12-5-13  
 Company Castle Resources Inc. Elevation 2354 KB 2349 GL  
 Address PO Box 87 Schoenchen KS 67667  
 Co. Rep / Geo. Jerry Green Rig White Knite #1  
 Location: Sec. 29 Twp. 3s Rge. 24W Co. Norton State KS

Interval Tested 3566 - 3725 Zone Tested Reagan Sand / Granite Wash  
 Anchor Length 159 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.4  
 Top Packer Depth 3561 Drill Collars Run - Vis 51  
 Bottom Packer Depth 3566 Wt. Pipe Run - WL 8.8  
 Total Depth 3725 Chlorides 500 ppm System LCM 41  
 Blow Description Mis-Run  
Packers didn't hold  
Reset tool + tried 2 more times - still didn't hold  
Pulled tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>245</u>	<u>mud</u>			<u>100</u>	

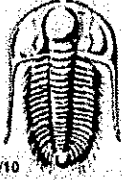
Rec Total 245 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic \_\_\_\_\_  Test \* 950 T-On Location 8:15  
 (B) First Initial Flow \_\_\_\_\_  Jars \_\_\_\_\_ T-Started 9:08  
 (C) First Final Flow \_\_\_\_\_  Safety Joint \_\_\_\_\_ T-Open 12:40  
 (D) Initial Shut-In \_\_\_\_\_  Circ Sub AMA T-Pulled 13:30  
 (E) Second Initial Flow \_\_\_\_\_  Hourly Standby \_\_\_\_\_ T-Out 16:30  
 (F) Second Final Flow \_\_\_\_\_  Mileage 72RT 111.60 Comments \_\_\_\_\_  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic \_\_\_\_\_  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 \_\_\_\_\_  Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 \_\_\_\_\_  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open \_\_\_\_\_  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In \_\_\_\_\_  Day Standby \_\_\_\_\_ Total 1061.60  
 Final Flow \_\_\_\_\_  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In \_\_\_\_\_ Sub Total 1061.60

Approved By \_\_\_\_\_ Our Representative James Winder

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.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55879

Well Name & No. Juenemann #1 Test No. 2 Date 12-5-13  
 Company Castle Resources Inc. Elevation 2354 KB 2349 GL  
 Address PO Box 87 Schoenchen KS 67667  
 Co. Rep / Geo. Jerry Green Rig White Knight  
 Location: Sec. 29 Twp. 3s Rge. 24w Co. Worton State KS

Interval Tested 3662 - 3676 Zone Tested Reagan Sand  
 Anchor Length 14' Anchor 49 Tail Drill Pipe Run 36-40 Mud Wt. 9.4  
 Top Packer Depth 3657 - 3662 (shale) Drill Collars Run - Vis 5.1  
 Bottom Packer Depth 3676 Wt. Pipe Run - WL 8.8  
 Total Depth 3725 Chlorides 500 ppm System LCM 1  
 Blow Description IF: Blow built to BOB (11") in 11 min.  
ISI: Blowback built to about 1/4"  
FF: Blow built to BOB in 20 min.  
FSI: Blowback built to just over 1/4"

Rec	Feet of	% Gas	% Oil	% Water	% Mud
65	C60	50	49	-	1
145	C60	13	85	-	2
40	WM w/oil spots	6	3	44	47
	GIP=60'				

Rec Total 250 Fluid 60' 60S BHT 104 Gravity 26.8 API FW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1873</u>	<input type="checkbox"/> Test <u>X</u> 1150	T-On Location <u>16:45</u> <u>12/5</u>
(B) First Initial Flow <u>24</u>	<input type="checkbox"/> Jars <u>X</u> 250	T-Started <u>17:11</u>
(C) First Final Flow <u>58</u>	<input type="checkbox"/> Safety Joint <u>X</u> 7.5	T-Open <u>19:35</u>
(D) Initial Shut-In <u>875</u>	<input checked="" type="checkbox"/> Circ Sub <u>X NA</u>	T-Pulled <u>21:36</u>
(E) Second Initial Flow <u>59</u>	<input checked="" type="checkbox"/> Hourly Standby	T-Out <u>00:45</u> <u>12/6</u>
(F) Second Final Flow <u>91</u>	<input checked="" type="checkbox"/> Mileage	Comments _____
(G) Final Shut-In <u>844</u>	<input checked="" type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>1850</u>	<input type="checkbox"/> Straddle <u>X</u> 600	<input checked="" type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer <u>X</u> 250	<input checked="" type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Extra Packer	<input checked="" type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input checked="" type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input checked="" type="checkbox"/> Day Standby	Total <u>2325</u>
Final Shut-In <u>30</u>	<input checked="" type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>2325</u>	

Approved By \_\_\_\_\_ Our Representative James Winder

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 any cost by the party for whom the test is made.

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

1162

REMIT TO 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT: Russell, KS - Hovie, US

DATE <u>11-27-13</u>	SEC. <u>29</u>	TWP. <u>3</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00pm</u>	JOB FINISH <u>12:30pm</u>
LEASE <u>Jucenemann</u>		WELL #. <u>1</u>	LOCATION		COUNTY <u>Norton</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (CIRCLE ONE)							

CONTRACTOR White knight

TYPE OF JOB Surface

HOLE SIZE <u>12 1/4</u>	T.D. <u>220</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>218.38</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>300</u>	MINIMUM <u>0</u>
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>20 ft</u>	
PERFS	
DISPLACEMENT <u>12.6</u>	

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 1655x 3%CC 2%gel

EQUIPMENT

PUMP TRUCK # <u>P1</u>	CEMENTER <u>Heath</u>
BULK TRUCK # <u>B4</u>	HELPER <u>Cody</u>
BULK TRUCK # _____	DRIVER <u>Mark</u>
BULK TRUCK # _____	DRIVER _____

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

REMARKS:  
Ran 5 Jts of 8 5/8 and landing 1+  
FS+ Circulation  
Hook up and mix 1655x and disp with  
12.6 bbl of H2O - Shut in @ 300 psi.  
Cement did circulate to surface!

CHARGE TO: Castle Resources

STREET \_\_\_\_\_

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

SERVICE

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	
EXTRA FOOTAGE _____	@ _____
MILEAGE _____	@ _____
MANIFOLD _____	@ _____
_____	@ _____
_____	@ _____
TOTAL _____	

Schippers Oil Field Services, 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 Terry Austin

SIGNATURE \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
TOTAL _____	

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

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

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

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

1166

REMIT TO 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT: Russell, KS - Hoxie, KS

DATE <u>12-6-13</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>8:15pm</u>	JOB FINISH <u>8:45pm</u>
LEASE <u>Juanamara</u> WELL #. <u>1</u>				LOCATION		COUNTY <u>Worton</u>	STATE <u>KS</u>
OLD OR <u>(NEW)</u> (CIRCLE ONE)							

CONTRACTOR <u>White Knight</u>	
TYPE OF JOB <u>Logstring</u>	
HOLE SIZE <u>7 7/8</u>	T.D.
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>Port Collar</u>	DEPTH <u>1934</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>10ft</u>	
PERFS	
DISPLACEMENT <u>90.5</u>	
EQUIPMENT	
PUMP TRUCK # <u>P1</u>	CEMENTER HELPER <u>Heath Cody</u>
BULK TRUCK # <u>B4</u>	DRIVER <u>Mark</u>
BULK TRUCK #	DRIVER

OWNER	
CEMENT AMOUNT ORDERED <u>150sx com 10% salt</u> <u>290 Plaster 2% gel</u>	
COMMON	@
POZ MIX	@
GEL	@
CHLORIDE	@
ASC	@
	@
	@
	@
	@
	@
	@
	@
	@
HANDLING	@
MILEAGE	@
TOTAL	

REMARKS:  
Ran 87 JTS of 5 1/2 casing with cent on JTS 1357.42 - baskets on 7.42 and Port Collar @ 1934' on JTS 42 - Hook up and Circulate 1hr - mix 500gal mud flush and follow in with 120sx shut down washed pump and lines clean and hook up disp 90% hbl H2O - Plug loaded @ 1500psi Released and float held - Plugged RH = 50sx

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

Schippers Oil Field Services, 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]

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

PLUG & FLOAT EQUIPMENT	
<u>1 - Port Collar</u>	@
<u>2 - baskets</u>	@
<u>5 - cent</u>	@
<u>1 - latch down and plug</u>	@
<u>1 - Plug Float shoe</u>	@
<u>Mud Flush 50gal</u>	@
TOTAL	

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

Global Cementing LLC dba SOS LLC

18048 I-70 Road  
Russell, KS 67665

# Invoice

Date	Invoice #
12/13/2013	1171

<b>Bill To</b>
CASTLE RESOURCES INC PO BOX 87 SCHOENCHEN, KS 67667

*181204  
Given  
Cement Port  
Collar*

P.O. No.	Terms	Project
JUNEMANN#1	Net 30	

Quantity	Description	Rate	Amount
240	COMMON	15.50	3,720.00T
160	POZ	8.50	1,360.00T
21	GEL	23.50	493.50T
421	HANDLING	2.10	884.10
	BULK MILEAGE	1,516.00	1,516.00
1	TRI PLEX PUMP CHARGE FOR PORT COLLAR	1,100.00	1,100.00
90	PUMP TRUCK MILEAGE	6.50	585.00
90	PICKUP	2.50	225.00
	DEDUCT 15% FROM TOTAL IF PAID WITHIN 30 DAYS OF INVOICE NORTON CO	7.05%	392.93

*POD  
12/30/13  
C/C # 17759*

Thank you for your business.

Phone #	Fax #	E-mail
785-324-2658	785-445-3526	

**Total**

\$10,276.53  
1,541.487

8735.05

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

1171

REMIT TO 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT:  
*Russell KS - Movie KS*

DATE <i>12-13-13</i>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <i>1:30pm</i>	JOB FINISH <i>2:30pm</i>
LEASE <i>Jeneman</i>	WELL #. <i>1</i>	LOCATION			COUNTY <i>Dorton</i>	STATE <i>KS</i>	
<input checked="" type="radio"/> OLD OR NEW (CIRCLE ONE)							

CONTRACTOR *Able Well Serv*

TYPE OF JOB *Port Collar*

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE *5 1/2* \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE *2 3/4* \_\_\_\_\_ DEPTH \_\_\_\_\_

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

TOOL *Port Collar* \_\_\_\_\_ DEPTH *1927'*

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

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

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

PERFS \_\_\_\_\_

DISPLACEMENT *75 bbl*

EQUIPMENT

PUMP TRUCK CEMENTER *Math*

# *P1* HELPER *Cody*

BULK TRUCK DRIVER *Mark*

# *R3* DRIVER \_\_\_\_\_

BULK TRUCK DRIVER \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED *4000 60/60 6% gel*

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

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

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

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

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

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

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

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

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

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

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

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

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

TOTAL \_\_\_\_\_

REMARKS:

*Ran 2 3/4 tubing down to 1927' and found HC - flow up to back side and check to 10000' - hold - open port collar and est circulation - mixed 4000 60/60 and cement and circulate 12 ga 5 hbl at 1120 - Rip 3 H's and close port collar and check to 10000' - hold - wash clean and come out of hole*

*Cement Did circulate to surface*

CHARGE TO: *Castle Resources*

STREET \_\_\_\_\_

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

SERVICE

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

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

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

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

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

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

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

TOTAL \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

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

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

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

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

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

TOTAL \_\_\_\_\_

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

SIGNATURE *[Signature]*

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

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

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