



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berenergy Corp.  
PO Box 5850  
Denver Co. 80217+5850  
  
ATTN: Ryan Thress

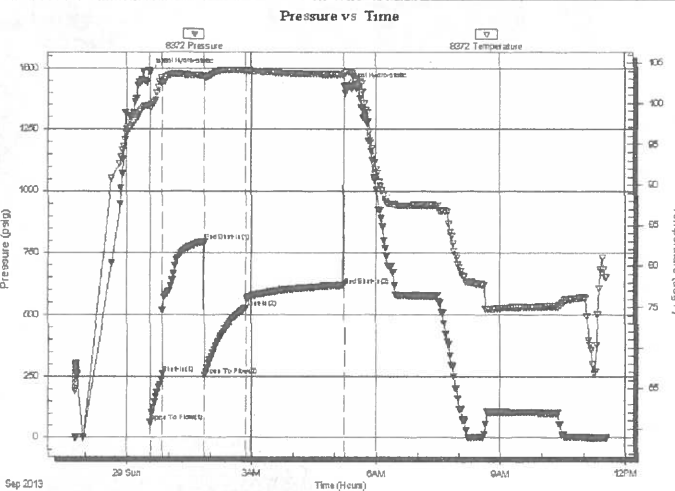
**24-20s-11w Barton**  
**Roetzel "A" #26**  
Job Ticket: 53630      DST#: 1  
Test Start: 2013.09.28 @ 22:45:01

## GENERAL INFORMATION:

Formation: LKC "D-F"  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 00:34:00  
Time Test Ended: 11:33:30  
Interval: 3016.00 ft (KB) To 3060.00 ft (KB) (TVD)  
Total Depth: 3060.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Andy Carreira  
Unit No: 68  
Reference Elevations: 1755.00 ft (KB)  
1745.00 ft (CF)  
KB to GR/CF: 10.00 ft

Serial #: 8372      Inside  
Press@RunDepth: 527.90 psig @ 3021.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.09.28      End Date: 2013.09.29      Last Calib.: 2013.09.29  
Start Time: 22:45:01      End Time: 11:33:30      Time On Btm: 2013.09.29 @ 00:33:30  
Time Off Btm: 2013.09.29 @ 05:14:30

TEST COMMENT: IF:(15min) BOB in 1 Min.  
ISl:(60min) No Return  
FF:(60min) BOB in 2 min.  
FSl:(120min) No Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1482.09	99.79	Initial Hydro-static
1	61.56	99.44	Open To Flow (1)
18	261.12	102.65	Shut-In(1)
78	793.39	103.40	End Shut-In(1)
79	253.55	103.22	Open To Flow (2)
139	527.90	104.03	Shut-In(2)
281	618.31	103.54	End Shut-In(2)
281	1425.34	103.76	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1299.00	MCGW g=15% m=10% w=75%	18.22
1.00	GO	0.01

## Gas Rates

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

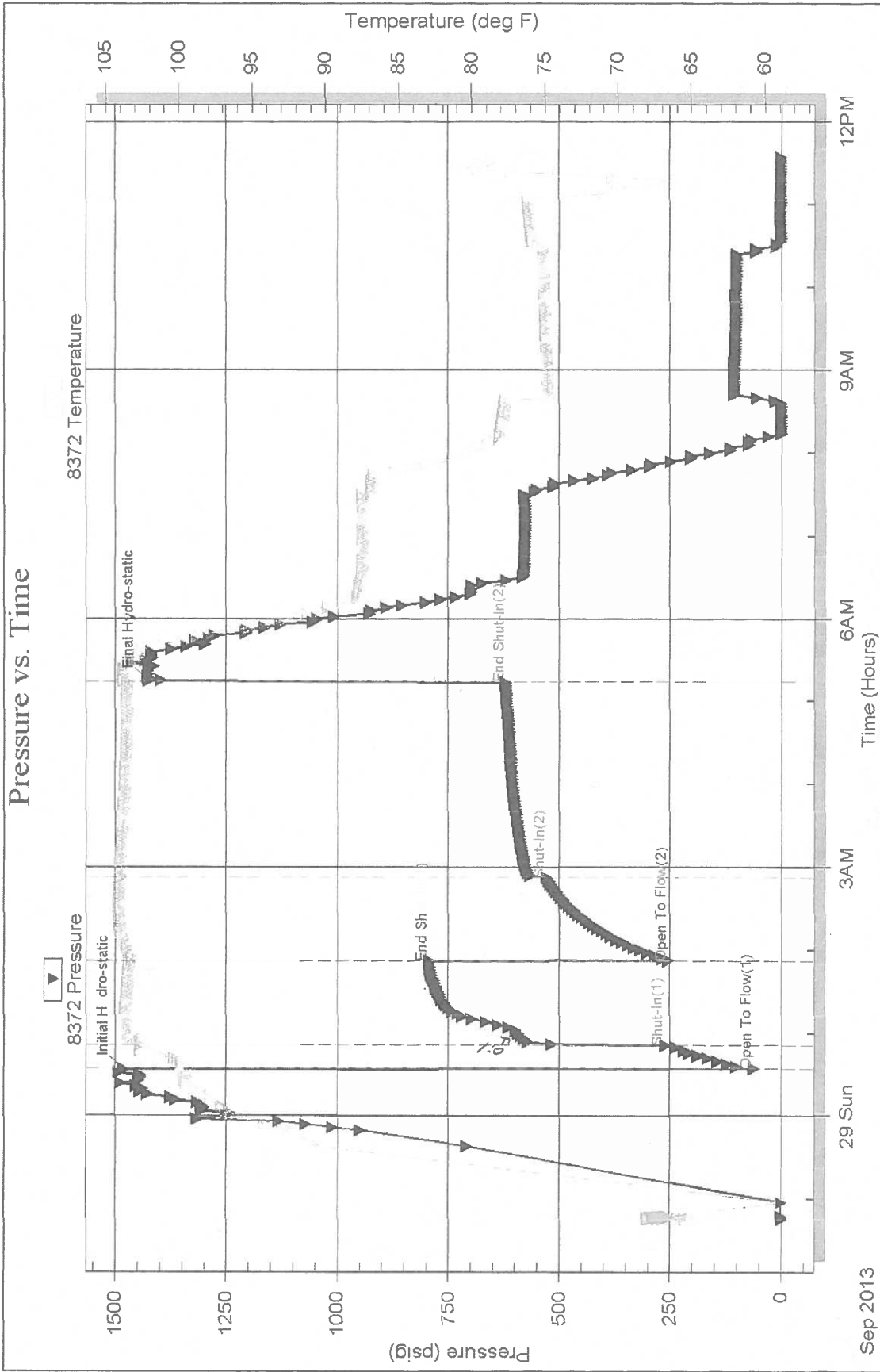
Serial #: 8372

Inside

Berenergy Corp.

Roetzel "A" #25

DST Test Number: 1



Printed: 2013.09.29 @ 12:04:58

Ref. No: 53630

Trilobite Testing, Inc



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 53630

Well Name & No. Ruetzel "A" #26 Test No. 1 Date 9-28-13  
 Company BE ENERGY CORP Elevation 1755 KB 1745 GL  
 Address PO BOX 5850 DENVER CO, 80217+5850  
 Co. Rep / Geo. RYAN THRESS Rig VAL #2  
 Location: Sec. 24 Twp. 20S Rge. 11W Co. BARTON State Ks

Interval Tested 3016-3060 Zone Tested LKC "D-F"  
 Anchor Length 44' Drill Pipe Run 3013 Mud Wt. ~~5.2~~ 8.8  
 Top Packer Depth 3011 Drill Collars Run 0 Vis ~~8.8~~ 5.2  
 Bottom Packer Depth 3016 Wt. Pipe Run 0 WL 8.8  
 Total Depth 3060 Chlorides 6700 ppm System LCM 0

Blow Description IF: BOB 1min  
ISI: NO RETURN  
FF: BOB 2min  
FSI: NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>30</u>				
<u>1299</u>	<u>MCGW</u>				

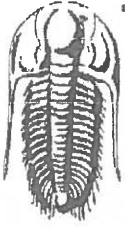
Rec Total 1300 BHT 103° Gravity API RW 273 @ 73° F Chlorides 26000 ppm

(A) Initial Hydrostatic 1482  Test 21:05 T-On Location  
 (B) First Initial Flow 61  Jars 22:45 T-Started  
 (C) First Final Flow 261  Safety Joint 00:57 42 T-Open  
 (D) Initial Shut-In 793  Circ Sub 04:57 T-Pulled  
 (E) Second Initial Flow 253  Hourly Standby 5hrs T-Out 11:40  
 (F) Second Final Flow 527  Mileage 180RT Comments  
 (G) Final Shut-In 618  Sampler 5 hrs standby  
 (H) Final Hydrostatic 1425  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Extra Recorder  
 Day Standby  
 Accessibility

Initial Open 15 Sub Total \_\_\_\_\_ Total \_\_\_\_\_  
 Initial Shut-In 60 MP/DST Disc't \_\_\_\_\_  
 Final Flow 60  
 Final Shut-In 120

Approved By L. David Bushman 9/29/2013 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**

# DRILL STEM TEST REPORT

Berenergy Corp.  
PO Box 5850  
Denver Co. 80217+5850  
ATTN: Ryan Thress

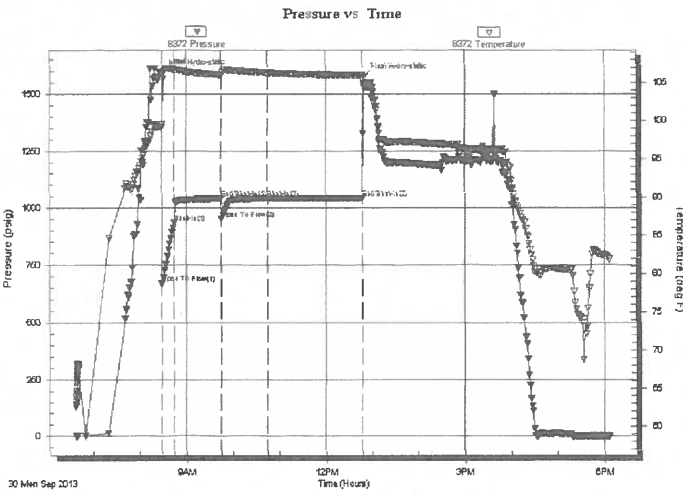
**24-20s-11w Barton**  
**Roetzel "A" #26 26**  
Job Ticket: 53631      **DST#: 2**  
Test Start: 2013.09.30 @ 06:38:01

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 08:28:30  
Time Test Ended: 18:07:30  
Interval: **3250.00 ft (KB) To 3260.00 ft (KB) (TVD)**  
Total Depth: **3260.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: Fair  
Reference Elevations: **1755.00 ft (KB)**  
**1745.00 ft (CF)**  
KB to GR/CF: **10.00 ft**  
Test Type: **Conventional Bottom Hole (Reset)**  
Tester: **Andy Carreira**  
Unit No: **68**

**Serial #: 8372**      Inside  
Press@RunDepth: **1042.45 psig @ 3251.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2013.09.30**      End Date: **2013.09.30**      Last Calib.: **2013.09.30**  
Start Time: **06:38:01**      End Time: **18:07:30**      Time On Btm: **2013.09.30 @ 08:28:00**  
Time Off Btm: **2013.09.30 @ 12:49:30**

**TEST COMMENT:** IF:(15min) BOB in 20 seconds  
ISl:(60min) GTS during bleed off. Blow built to BOB in 12 min. Gas burned w/ orange flame  
FF:(60min) BOB immediately. Gas TSTM  
FSl:(120min) Return blow, built to BOB in 6 min. after bleed off



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1592.50	99.05	Initial Hydro-static
1	671.63	99.44	Open To Flow (1)
17	934.30	106.74	Shut-In(1)
77	1042.27	106.02	End Shut-In(1)
78	950.69	106.05	Open To Flow (2)
137	1042.45	106.30	Shut-In(2)
260	1043.84	105.95	End Shut-In(2)
262	1573.61	104.89	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1698.00	Water	21.85
932.00	Oil	12.00

\* Recovery from multiple tests

## Gas Rates

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

DST Test Number: 2

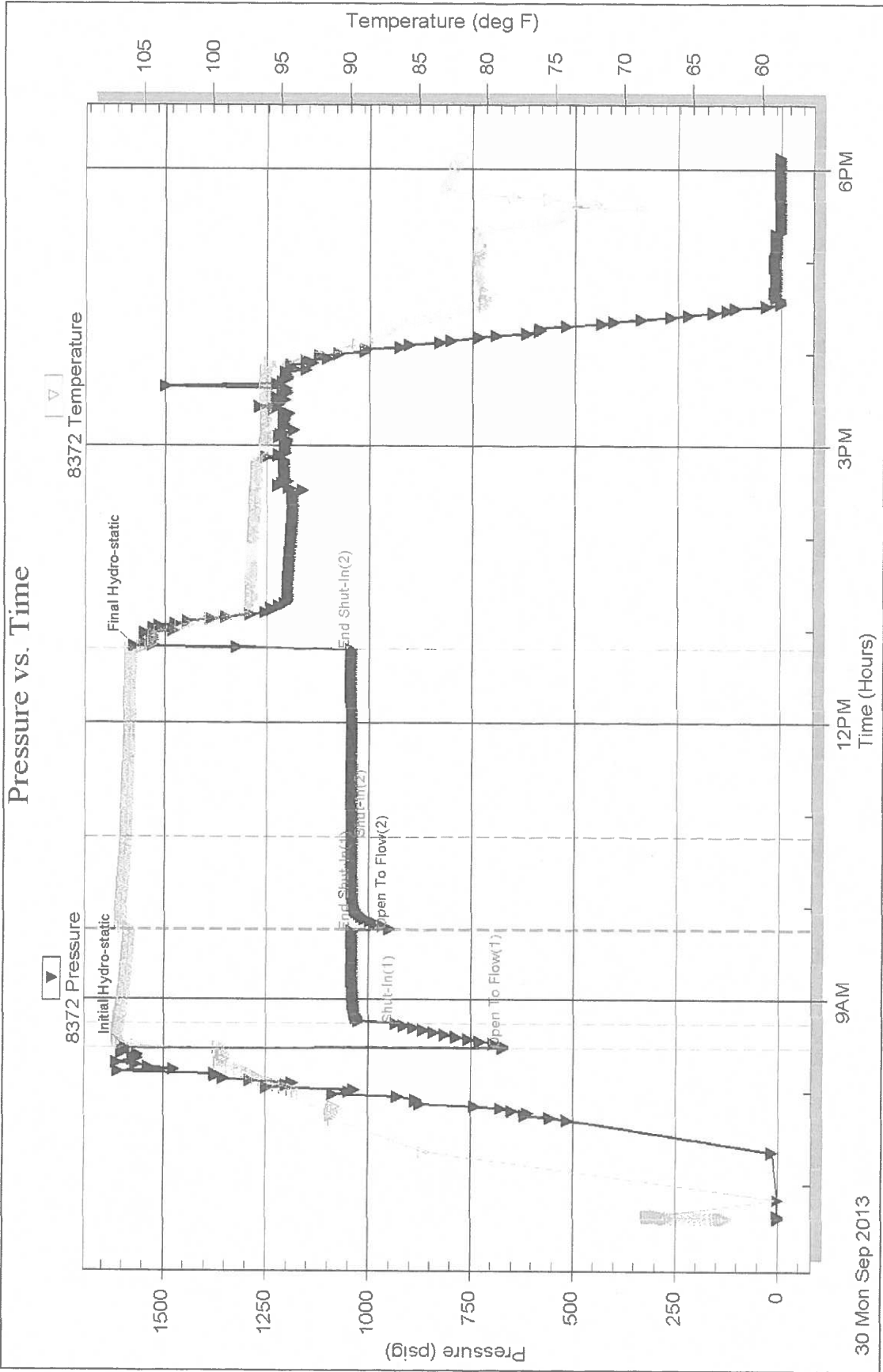
Roetzel "A" #25

Bereenergy Corp.

Inside

Serial #: 8372

### Pressure vs. Time



Printed: 2013.09.30 @ 18:37:28

Ref. No: 53631

Trilobite Testing, Inc

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NATURAL GAS ANALYSIS REPORT  
GPA 2145-09

Sampled by:  
Trilobite Testing, Inc.  
Hays, Kansas  
Scott City, Kansas  
Phone: 800-728-5369  
Fax: 785-625-5620

Analyzed by:  
Caraway Analytical, Inc  
P. O. Box 2137  
Liberal, Kansas 67905  
Phone: 620-482-2371  
Fax: 620-626-7108

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Lab Number:	20132235	Analyzed:	10/04/13
Sample From:	RUETZEL A-26	Pressure:	
Producer:	BERENERGY CORP	Temperature:	
Date:		Location:	24-20-11
Time:		County:	BARTON
Sampler:		State:	KANSAS
Source:	DST 2	Formation:	ARBUCKLE

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	Mole %	GPM
Helium	He: 0.357	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 15.778	0.000
Carbon Dioxide	CO2: 0.027	0.000
Methane	C1: 36.899	0.000
Ethane	C2: 13.129	4.924
Propane	C3: 14.051	5.267
Iso Butane	iC4: 3.128	0.958
Normal Butane	nC4: 7.260	2.309
Iso Pentane	iC5: 2.096	0.575
Normal Pentane	nC5: 2.767	0.765
Hexanes Plus	C6+: 4.508	1.036

TOTAL: 100.000 15.834  
Z Fact: 0.9994  
SP.GR.: 1.1840  
BTU (SAT): 1728.0 @ 14.73 psia  
BTU (DRY): 1758.6 @ 14.73 psia  
OCTANE RATING: 88.9

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COMMENTS: 303-297-951

0.000



# TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 53631 Date 9-30-13  
 Company Name BERENERGY CORP  
 Lease Roetzel "A" #26 Test No. 2  
 County Barton Sec. 24 Twp. 20s Rng. 11w

### SAMPLER RECOVERY

Gas 2800 ML  
 Oil 300 ML  
 Mud — ML  
 Water 900 ML  
 Other — ML  
 Pressure 29016s ML  
 Total 4000 ML

### PIT MUD ANALYSIS

Chlorides 8100 ppm.  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Viscosity 53  
 Mud Weight 9.2  
 Filtrate 9.2  
 Other 1/2" LCM

### SAMPLER ANALYSIS

Resistivity .276 ohms @ 87 F  
 Chlorides 19000 ppm.  
 Gravity 40 corrected @60F

### PIPE RECOVERY

**TOP**  
 Resistivity .276 ohms @ 87 F  
 Chlorides \_\_\_\_\_ ppm.  
**MIDDLE**  
 Resistivity " ohms @ " F  
 Chlorides " ppm.  
**BOTTOM**  
 Resistivity " ohms @ " F  
 Chlorides " ppm.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 53631

4/10

Well Name & No. Rutzel 'A' #26 Test No. 2 Date 9-30-13  
 Company BERENERGY CORP Elevation 1755 KB 1745 GL  
 Address PO BOX 5850 DENVER CO. 80217+5850  
 Co. Rep / Geo. Ryan Thress Rig VAL #2  
 Location: Sec. 24 Twp. 20s Rge. 1W Co. BARTON State Ks

Interval Tested 3250-3260 Zone Tested Arbuckle  
 Anchor Length 10' Drill Pipe Run 3231 Mud Wt. 9.2  
 Top Packer Depth 3245 Drill Collars Run 0 Vis #9 53  
 Bottom Packer Depth 3250 Wt. Pipe Run 0 WL 9.2  
 Total Depth 3260 Chlorides 8100 ppm System LCM 1/2#

Blow Description IF: BOB in 20 sec  
ISI: GTS during bleedoff, Blow built to BOB in 12 min.  
FF: BOB immediately, GAS TSTM  
FST: Return Blow built to BOB in 6 min after bleedoff

Rec	Feet of	%gas	%oil	%water	%mud
<u>932</u>	<u>Oil</u>				
<u>1698</u>	<u>Water</u>				

Rec Total 2630 BHT 105° Gravity 40 API RW 276 @ 87° F Chlorides 19000 ppm

(A) Initial Hydrostatic 1592  Test ← T-On Location 05:36  
 (B) First Initial Flow 671  Jars ← T-Started 06:38  
 (C) First Final Flow 934  Safety Joint ← T-Open 08:30  
 (D) Initial Shut-In 1042  Circ Sub \_\_\_\_\_ T-Pulled 12:45  
 (E) Second Initial Flow 950  Hourly Standby 3 hrs T-Out 18:08  
 (F) Second Final Flow 1042  Mileage 180 RT Comments Gas burned w/  
 (G) Final Shut-In 1043  Sampler ← ORANGE FLAME  
 (H) Final Hydrostatic 1573  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Initial Open 15  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 60  Extra Recorder \_\_\_\_\_ Sub Total \_\_\_\_\_  
 Final Flow 60  Day Standby \_\_\_\_\_ Total \_\_\_\_\_  
 Final Shut-In 120  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total \_\_\_\_\_

Approved By L. David Buckman 9/30/2013 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.