

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1267743  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
November 2016

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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

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

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1267743



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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Geologist Report / Mud Logs	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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>			PRODUCTION INTERVAL: Top _____ Bottom _____	

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:
----------------	-------	---------	------------

Form	ACO1 - Well Completion
Operator	Cynosure Energy, LLC
Well Name	Dechant 1-18-15-19
Doc ID	1267743

All Electric Logs Run

Dual Induction/GR
Dual Comp
Porosity Log
Microresistivity
Sonic Log
Cement Bond Log

Form	ACO1 - Well Completion
Operator	Cynosure Energy, LLC
Well Name	Dechant 1-18-15-19
Doc ID	1267743

Tops

Name	Top	Datum
Stone Corral	1229	765
Topeka	2965	-971
Heebner	3241	-1247
Lansing	3277	-1283
BKC	3528	-1534
Marmaton	3539	-1545
Pawnee	3571	-1577
Granite	3608	-1614





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Cynosure Energy, LLC

**18-15S-19W Ellis, KS**

1125 17th St.  
Suite 410  
Denver, CO 80202  
ATTN: Justin Carter

**Dechant #1-18-15-19**

Job Ticket: 34546

**DST#: 1**

Test Start: 2015.08.28 @ 13:51:18

## GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:03:18

Time Test Ended: 01:40:18

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 62

Interval: **3280.00 ft (KB) To 3310.00 ft (KB) (TVD)**

Reference Elevations: 1994.00 ft (KB)

Total Depth: 3310.00 ft (KB) (TVD)

1982.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 6839**

**Outside**

Press@RunDepth: 65.86 psig @ 3307.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.28

End Date:

2015.08.29

Last Calib.: 2015.08.29

Start Time: 13:51:19

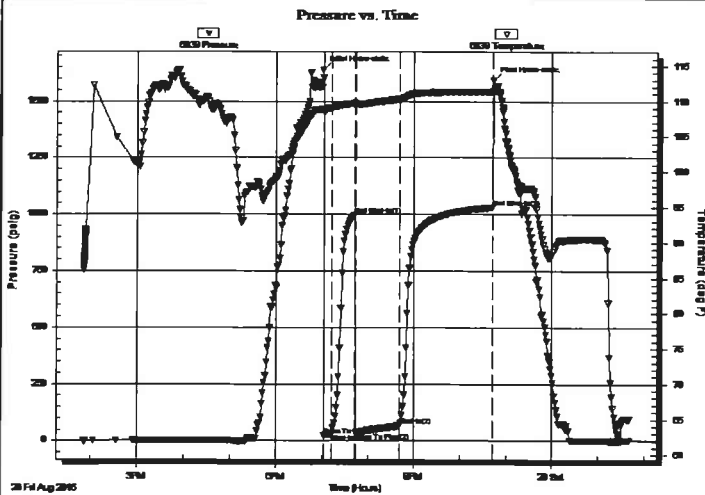
End Time:

01:40:18

Time On Btm: 2015.08.28 @ 19:01:18

Time Off Btm: 2015.08.28 @ 22:44:18

TEST COMMENT: 010- IF- BOB 10mins  
030- IS- No blow  
060- FF- BOB 1min  
120- FS- No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1638.98	108.86	Initial Hydro-static
2	23.42	108.52	Open To Flow (1)
11	29.41	109.10	Shut-In(1)
42	995.35	109.74	End Shut-In(1)
43	36.62	109.53	Open To Flow (2)
101	65.86	110.31	Shut-In(2)
222	1030.80	111.32	End Shut-In(2)
223	1592.25	111.47	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
127.00	HOCM, 40%O 60%M	1.80
30.00	CO	0.43
0.00	722' GIP	0.00
0.00	Sampler: 2000mL O @ 550PSI	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Cynosure Energy, LLC

**18-15S-19W Ellis, KS**

1125 17th St.

**Dechant #1-18-15-19**

Suite 410

Job Ticket: 34546

**DST#: 1**

Denver, CO 80202

ATTN: Justin Carter

Test Start: 2015.08.28 @ 13:51:18

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
127.00	HOCM, 40%O 60%M	1.800
30.00	CO	0.425
0.00	722' GIP	0.000
0.00	Sampler: 2000mL O @ 550PSI	0.000

Total Length: 157.00 ft

Total Volume: 2.225 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

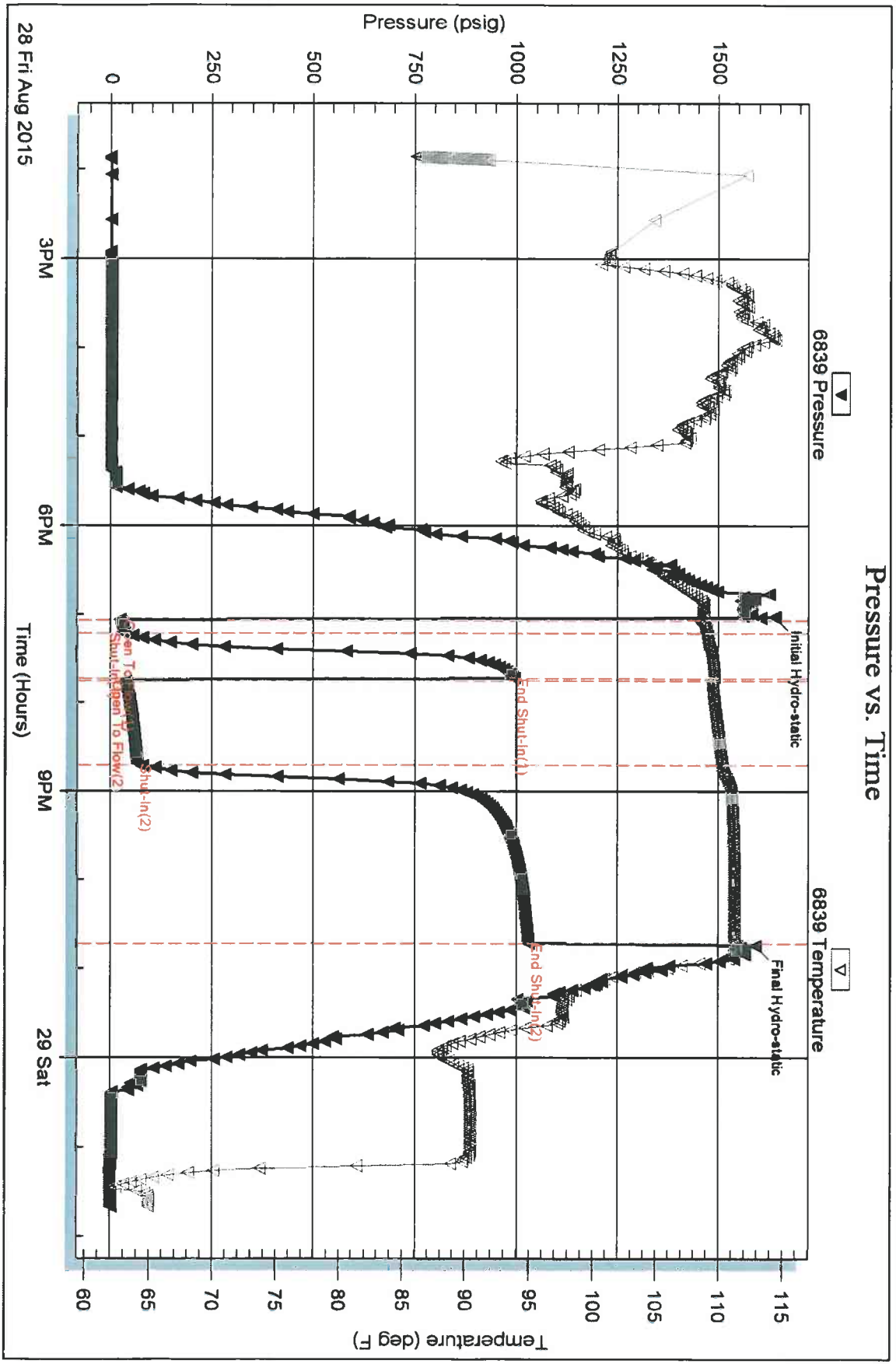
Recovery Comments:

Serial #: 6839

Outside Cynosure Energy, LLC

Dechant #1-18-15-19

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 34546

Printed: 2015.08.29 @ 06:16:48





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Cynosure Energy, LLC

**18-15S-19W Ellis, KS**

1125 17th St.  
Suite 410  
Denver, CO 80202  
ATTN: Justin Carter

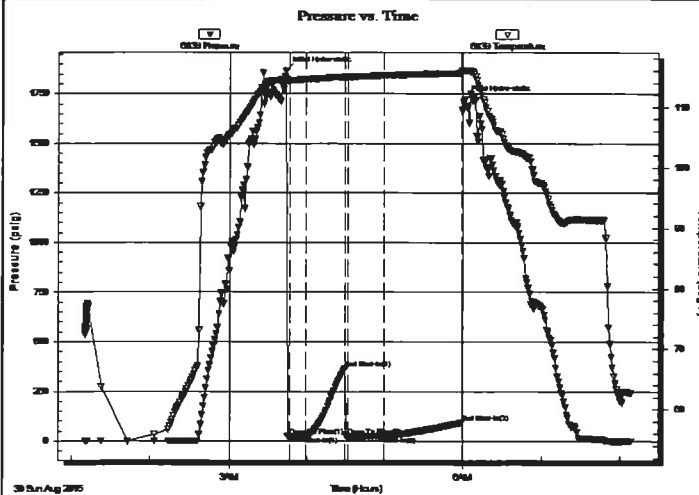
**Dechant #1-18-15-19**  
Job Ticket: 34547      **DST#: 2**  
Test Start: 2015.08.30 @ 01:10:31

## GENERAL INFORMATION:

Formation: **Raegan Sand**  
 Deviated: No      Whipstock:      ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 03:46:31      Tester: Brannan Lonsdale  
 Time Test Ended: 08:08:01      Unit No: 62  
 Interval: **3590.00 ft (KB) To 3606.00 ft (KB) (TVD)**      Reference Elevations: 1994.00 ft (KB)  
 Total Depth: 3606.00 ft (KB) (TVD)      1982.00 ft (CF)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair      KB to GR/CF: 12.00 ft

**Serial #: 6839      Outside**  
 Press@RunDepth: 23.73 psig @ 3603.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2015.08.30      End Date: 2015.08.30      Last Calib.: 2015.08.30  
 Start Time: 01:10:32      End Time: 08:08:01      Time On Btm: 2015.08.30 @ 03:44:01  
 Time Off Btm: 2015.08.30 @ 06:02:01

TEST COMMENT: 15- IF- Built very Slowly to 1"  
 30- IS- No blow  
 30- FF- No blow  
 60- FS- No blow



## PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1868.91	114.59	Initial Hydro-static
3	22.37	114.35	Open To Flow (1)
16	22.55	114.56	Shut-In(1)
46	365.19	114.95	End Shut-In(1)
48	22.30	114.91	Open To Flow (2)
76	23.73	115.18	Shut-In(2)
136	92.38	115.59	End Shut-In(2)
138	1723.80	116.04	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	CO	0.21
0.00	Sampler: 2000mL O @ 55PSI	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Cynosure Energy, LLC

**18-15S-19W Ellis, KS**

1125 17th St.

**Dechant #1-18-15-19**

Suite 410

Job Ticket: 34547

**DST#: 2**

Denver, CO 80202

ATTN: Justin Carter

Test Start: 2015.08.30 @ 01:10:31

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	CO	0.213
0.00	Sampler: 2000mL O @ 55PSI	0.000

Total Length: 15.00 ft      Total Volume: 0.213 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

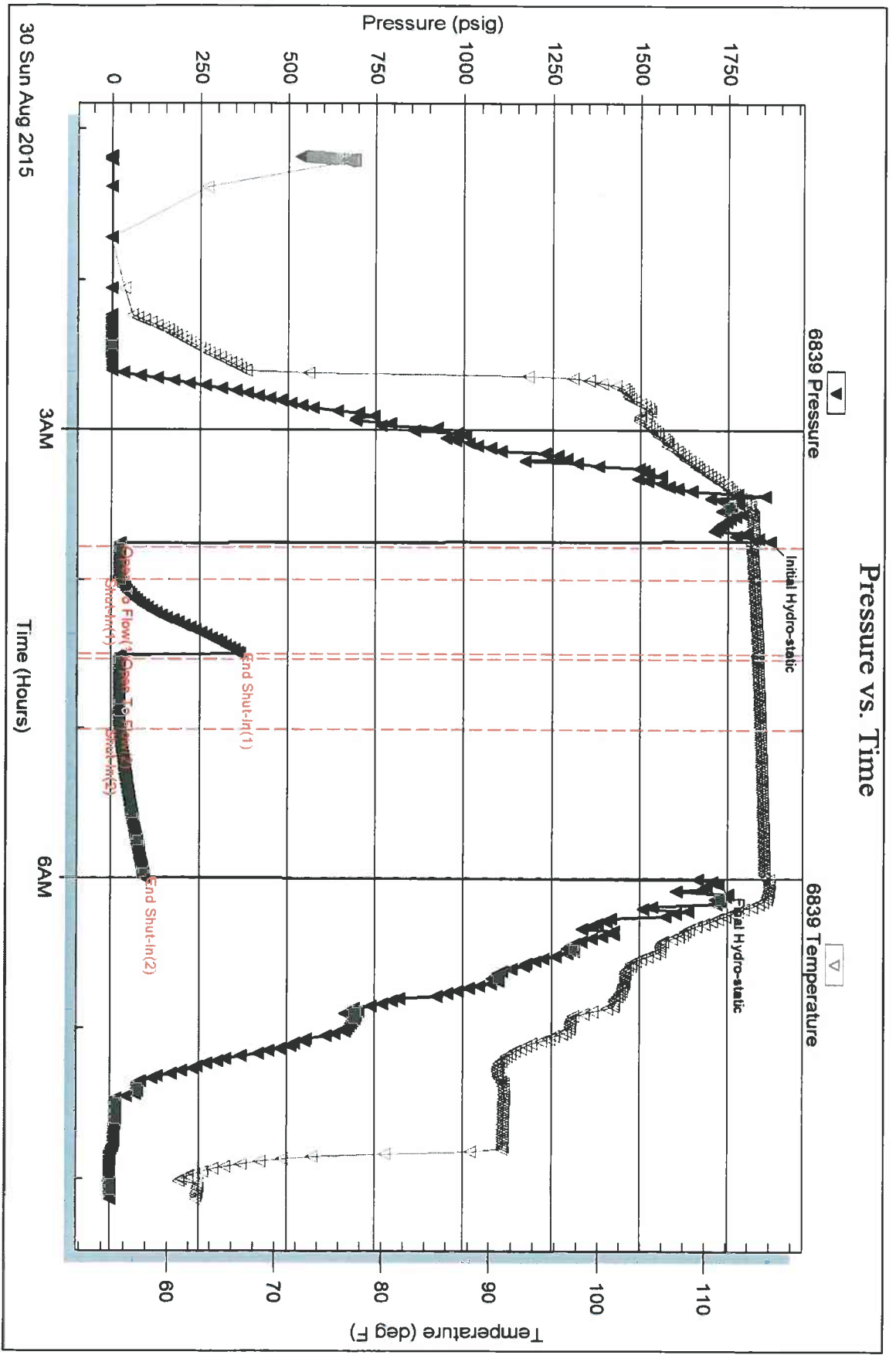
Recovery Comments:

Serial #: 6839

Outside Cynosure Energy, LLC

Dechant #1-18-15-19

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 34547

Printed: 2015.08.30 @ 22:54:23



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Cynosure Energy, LLC

**18-15S-19W Ellis, KS**

1125 17th St.  
Suite 410  
Denver, CO 80202  
ATTN: Justin Carter

**Dechant #1-18-15-19**

Job Ticket: 34548      **DST#: 3**  
Test Start: 2015.08.30 @ 20:46:21

## GENERAL INFORMATION:

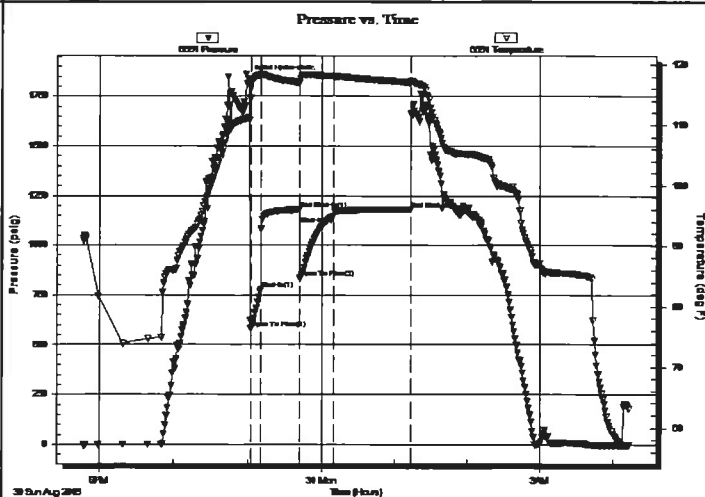
Formation: **Pawnee & Raegan**  
 Deviated: No      Whipstock:      ft (KB)  
 Test Type: Conventional Straddle (Reset)  
 Time Tool Opened: 23:02:21      Tester: Brannan Lonsdale  
 Time Test Ended: 04:12:51      Unit No: 62  
 Interval: **3575.00 ft (KB) To 3618.00 ft (KB) (TVD)**      Reference Elevations: 1994.00 ft (KB)  
 Total Depth: 3654.00 ft (KB) (TVD)      1982.00 ft (CF)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair      KB to GR/CF: 12.00 ft

## Serial #: 6651

**Inside**

Press@RunDepth: 1146.13 psig @ 3577.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2015.08.30      End Date: 2015.08.31      Last Calib.: 2015.08.31  
 Start Time: 20:46:22      End Time: 04:12:51      Time On Btm: 2015.08.30 @ 23:00:21  
 Time Off Btm:

TEST COMMENT: 10- IF- BOB 15secs  
 30- IS- No blow  
 30- FF- BOB 15secs  
 60- FS- No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1838.91	111.16	Initial Hydro-static
2	581.32	114.43	Open To Flow (1)
10	778.87	118.23	Shut-In(1)
42	1179.28	117.00	End Shut-In(1)
42	834.45	116.84	Open To Flow (2)
70	1146.13	118.05	Shut-In(2)
133	1181.30	117.03	End Shut-In(2)

## Recovery

Length (ft)	Description	Volume (bbl)
2481.00	MW, 30%M 70%W	35.17
0.00	Sampler: 2000mL W @ 100PSI	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Cynosure Energy, LLC

**18-15S-19W Ellis, KS**

1125 17th St.  
Suite 410  
Denver, CO 80202  
ATTN: Justin Carter

**Dechant #1-18-15-19**

Job Ticket: 34548

DST#: 3

Test Start: 2015.08.30 @ 20:46:21

**GENERAL INFORMATION:**

Formation: **Pawnee & Raegan**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 23:02:21  
Time Test Ended: 04:12:51

Test Type: Conventional Straddle (Reset)  
Tester: Brannan Lonsdale  
Unit No: 62

Interval: **3575.00 ft (KB) To 3618.00 ft (KB) (TVD)**  
Total Depth: 3654.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair

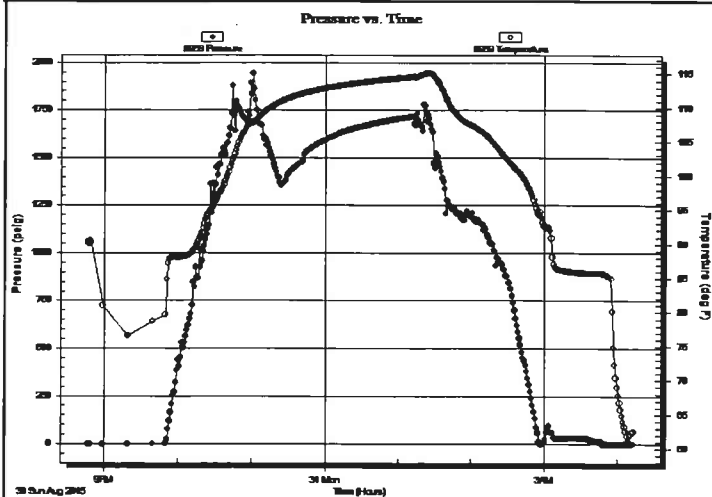
Reference Elevations: 1994.00 ft (KB)  
1982.00 ft (CF)  
KB to GR/CF: 12.00 ft

**Serial #: 8959 Below (Straddle)**

Press@RunDepth: psig @ 3620.00 ft (KB)  
Start Date: 2015.08.30 End Date: 2015.08.31  
Start Time: 20:46:25 End Time: 04:12:54

Capacity: 8000.00 psig  
Last Calib.: 2015.08.31  
Time On Btm:  
Time Off Btm:

**TEST COMMENT:** 10- IF- BOB 15secs  
30- IS- No blow  
30- FF- BOB 15secs  
60- FS- No blow



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
2481.00	MW, 30%M 70%W	35.17
0.00	Sampler: 2000mL W @ 100PSI	0.00

\* Recovery from multiple tests

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Cynosure Energy, LLC

**18-15S-19W Ellis, KS**

1125 17th St.

**Dechant #1-18-15-19**

Suite 410

Job Ticket: 34548

**DST#: 3**

Denver, CO 80202

ATTN: Justin Carter

Test Start: 2015.08.30 @ 20:46:21

## 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:

25000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4900.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2481.00	MW, 30%M 70%W	35.169
0.00	Sampler: 2000mL W @ 100PSI	0.000

Total Length: 2481.00 ft

Total Volume: 35.169 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

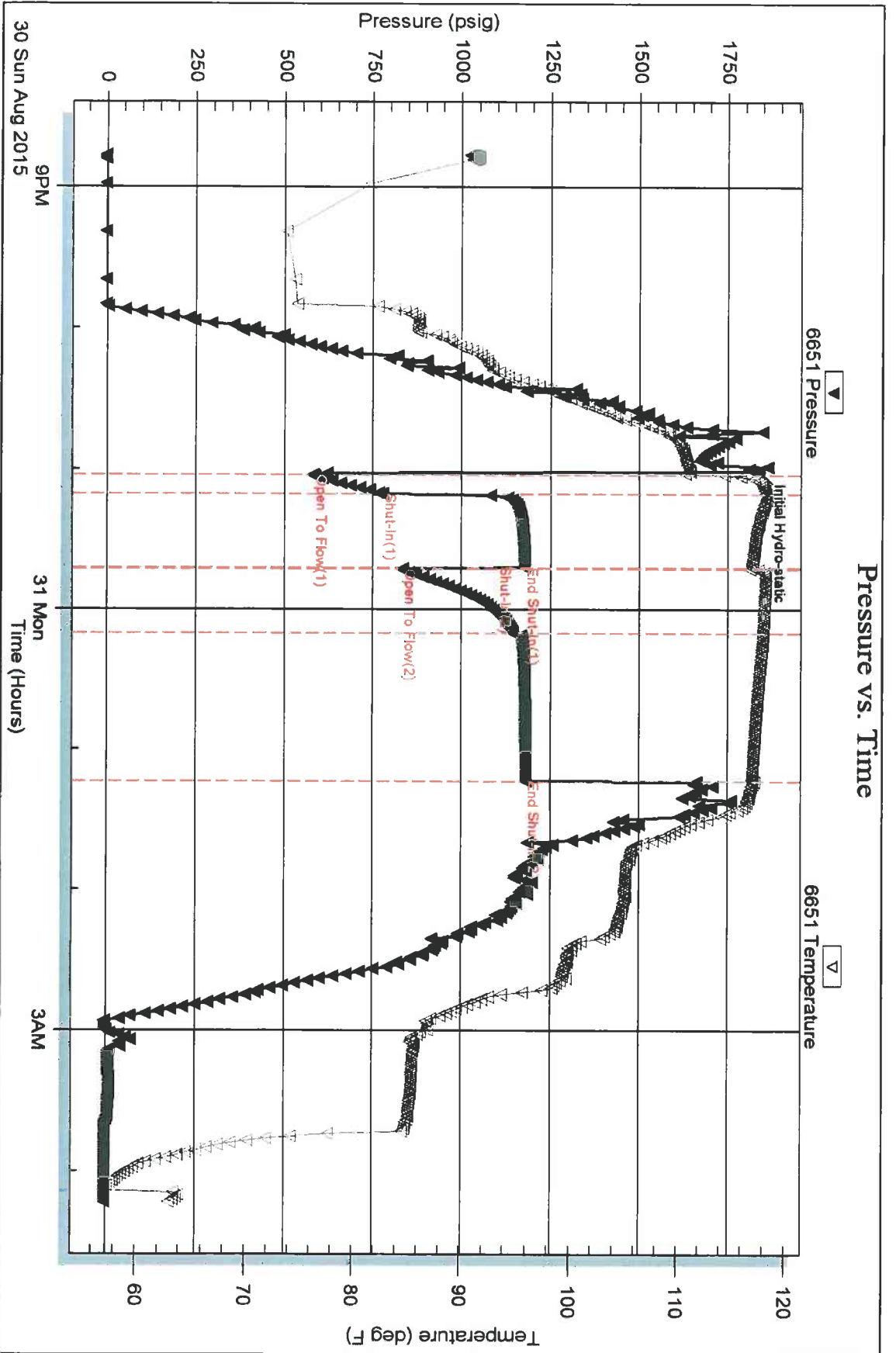
Serial #: 6651

Inside

Cynosure Energy, LLC

Dechant #1-18-15-19

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 34548

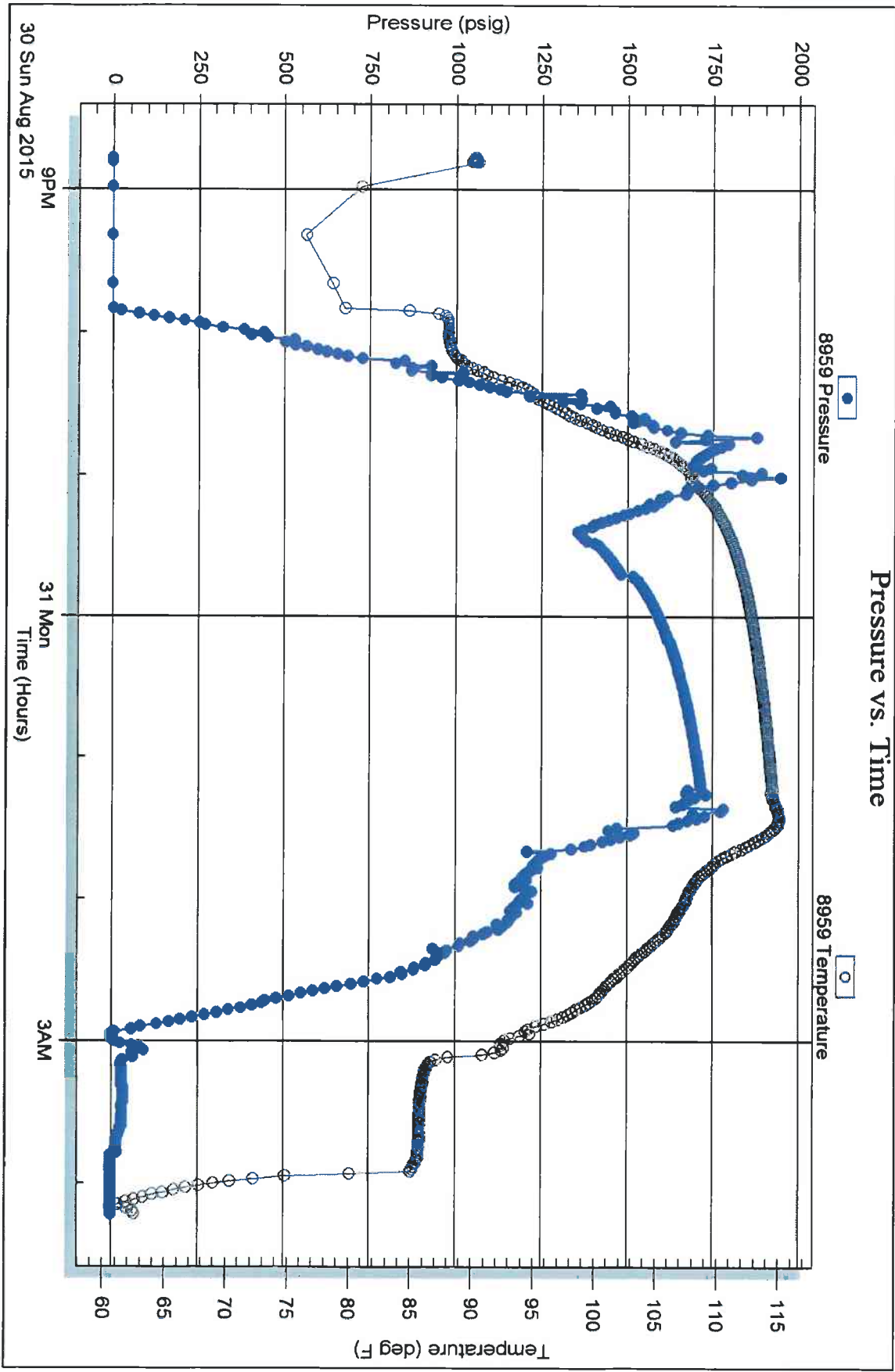
Printed: 2015.08.31 @ 07:03:41

Serial #: 8959

Below (Strat) Energy, LLC

Dechant #1-18-15-19

DST Test Number: 3



Tridotte Testing, Inc

Ref. No: 34548

Printed: 2015.08.31 @ 07:03:42



RECEIVED  
SEP 02 2015



**QUALITY OILWELL CEMENTING, INC.**  
PO Box 32 - 740 West Wichita Ave, Russell KS 67665  
Phone: 785-324-1041 fax: 785-483-1087  
Email: cementing@ruraltel.net

Date: 8/25/2015  
Invoice # 1026  
P.O.#:  
Due Date: 9/24/2015  
Division: Russell

# Invoice

**Contact:**  
CYNOSURE ENERGY LLC  
**Address/Job Location:**  
CYNOSURE ENERGY LLC

2015 17th Street Suite 410  
Denver CO 80113

**Reference:**  
DECHANT 1-18 SEC 18-15-19

**Description of Work:**  
LONG SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 606.13	No	Pump Truck Mileage-Job to Nearest Camp	16	\$72.99	No
Common-Class A	375	\$ 5,163.09	Yes	Bulk Truck Mileage-Job to Nearest Bulk Plant	16	\$46.45	No
Calcium Chloride	17	\$ 784.81	Yes				
POZ Mix-Standard	95	\$ 551.56	Yes				
8 5/8" Basket	2	\$ 524.19	Yes				
Bulk Truck Matl-Material Service Charge	496	\$ 411.39	No				
Flo Seal	117	\$ 194.08	Yes				
8 5/8" Centralizer	3	\$ 159.25	Yes				
Premium Gel (Bentonite)	9	\$ 121.53	Yes				
8 5/8" Top Rubber Plug	1	\$ 87.92	Yes				
Baffle Plate Aluminum, 8 5/8"	1	\$ 74.65	Yes				

**Invoice Terms:**

Net 30

SubTotal: \$ 8,798.02

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (219.95)

SubTotal for Taxable Items: \$ 7,469.53

SubTotal for Non-Taxable Items: \$ 1,108.53

Total: \$ 8,578.07

Tax: \$ 522.87

7.00% Ellis County Sales Tax

Amount Due: \$ 9,100.94

Applied Payments:

Balance Due: \$ 9,100.94

**Thank You For Your Business!**

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed.

©2008-2013 Straker Investments, LLC. All rights reserved.

Well Name: DECHANT 1-18-15-19

AFE No.: KS Perm 1008

Line No.: 5200.210

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

Signature: [Handwritten Signature] 9/2/15

Correct SURFACE

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1026

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8-25-15	18	15	19	Ellis	KS		6:00 PM

Location Antonine 3W 3S 1W

Lease Dechant	Well No. 1-18	Owner
Contractor Duke EG		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job Surface		
Hole Size 12 1/4	T.D. 1244'	Charge To Cynosure Energy LLC
Csg. 8 3/8	Depth 1244'	Street
Tbg. Size	Depth	City State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. 39.32	Shoe Joint 39.32	Cement Amount Ordered 470 80/20 3 1/2 cc 20% Gel 1/2 flo
Meas Line	Displace 76 1/2 bbl	

**EQUIPMENT**

Pumptrk 20 No. Cementer Helper Craig	Common 325
Bulktrk 21 No. Driver Mick	Poz. Mix 95
Bulktrk PU No. Driver Brett	Gel. 9
	Calcium 17

**JOB SERVICES & REMARKS**

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal 117 #
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling 496
	Mileage

Ran 1244' 8 5/8 Est circulation  
Mixed 470 gr  
Displaced 76 1/2 bbl

Lift @ 500 lbs

Landed @ 800 lbs

Cement circulated!!

**FLOAT EQUIPMENT**

Guide Shoe	
Centralizer -3	
Baskets -2	
AFU Inserts	
Float Shoe	
Latch Down	
Baffle Plate -1	
Rubber Plug -1	
Pumptrk Charge Long Surface	
Mileage 16	

X Signature *Kenny W. Prosser*

Tax	
Discount	
Total Charge	

1473

SEP 12 2015



**QUALITY OILWELL CEMENTING, INC.**  
PO Box 32 - 740 West Wichita Ave, Russell KS 67665  
Phone: 785-324-1041 fax: 785-483-1087  
Email: cementing@ruralnet.net

Date: 8/31/2015  
Invoice # 1615  
P.O.#:  
Due Date: 9/30/2015  
Division: Russell

# Invoice

**Contact:**  
CYNOSURE ENERGY LLC  
**Address/Job Location:**  
CYNOSURE ENERGY LLC  
1125 17th Street, Suite 410  
DENVER CO 80113

**Reference:**  
DECHANT 1 SEC 18-15-19

**Description of Work:**  
PROD STRING

Well Name: DECHANT 1-18-15-19  
AFE No.: KS Rem 1008  
Line No.: 8300, 210  
Name: J. Gerwin 9-9-15  
Signature: \_\_\_\_\_

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 644.02	No				
Common-Class A	250	\$ 3,657.19	Yes				
5 1/2" Turbolizer	8	\$ 408.90	Yes				
Mud Clear	500	\$ 326.06	Yes				
Auto Fill Float Shoe, 5 1/2"	1	\$ 269.66	Yes				
Salt (Fine)	20	\$ 246.05	Yes				
5 1/2" Basket	1	\$ 227.36	Yes				
Bulk Truck Matl-Material Service Charge	270	\$ 237.94	No				
Latch Down Plug & Baffle, 5 1/2"	1	\$ 197.40	Yes				
Pump Truck Mileage-Job to Nearest Camp	16	\$ 77.55	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	16	\$ 49.35	No				

**Invoice Terms:**

Net 30

SubTotal: \$ 6,341.48  
Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (158.54)

SubTotal for Taxable Items:	\$ 5,199.30
SubTotal for Non-Taxable Items:	\$ 983.63
<b>Total:</b>	<b>\$ 6,182.94</b>
<b>Tax:</b>	<b>\$ 363.95</b>

7.00% Ellis County Sales Tax

**Thank You For Your Business!**

**Amount Due: \$ 6,546.89**  
**Applied Payments:**  
**Balance Due: \$ 6,546.89**

Past Due Invoices are subject to a service charge (annual rate of 24%)  
This does not include any applicable taxes unless it is listed.  
©2008-2013 Straker Investments, LLC. All rights reserved.

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1615

Date	8-31-15	Sec.	18	Twp.	15	Range	19	County	Ellis	State	Ks	On Location		Finish	5:40 P.M.	
Lease	Dechant							Location	Antonino, Ks - W to 180 Rd, 35, 1w							
Contractor	Duke #1							Well No.	1							
Type Job	Production							Owner	to Rio							
Hole Size	7 7/8"							T.D.	3650'							
Csg.	New 5 1/2" 15.50							Depth	3654.33'							
Tbg. Size								Depth								
Tool								Depth								
Cement Left in Csg.	42.95'							Shoe Joint	42.95'							
Meas Line								Displace	86 BLS							
<b>EQUIPMENT</b>								Common 250								
Pumptrk	18	No.	Cementer		Travis		Poz. Mix									
Bulktrk	15	No.	Driver		Doug		Gel.									
Bulktrk	p.w.	No.	Driver		Rick		Calcium									
<b>JOB SERVICES &amp; REMARKS</b>								Hulls								
Remarks:								Salt 20								
Rat Hole	30sx							Flowseal								
Mouse Hole	15sx							Kol-Seal								
Centralizers	1, 3, 4, 5, 6, 7, 8, 10							Mud CLR 48 500 gal								
Baskets	4							CFL-117 or CD110 CAF 38								
D/V or Port Collar	pipe on bottom break							Sand								
Circulation pump 500 gal mud Clear 48, plug pathole w/ 30sx plug mousehole w/ 15sx cement								Handling 270								
5 1/2" casing w/ 205 sx cement								Mileage								
Shut down wash pump + lines Released plug + Displaced w/ 86 BLS. Released + held.								<b>FLOAT EQUIPMENT</b>								
Lift pressure 800 #								Guide Shoe								
Land plug to 150 #								Centralizer 8								
								Baskets 1								
								AFU Inserts								
								Float Shoe 1								
								Latch Down 1								
								Pumptrk Charge prod string								
								Mileage 16								
								Tax								
								Discount								
								Total Charge								
X Signature	Terry A. Puster															