



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1151967
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: _____



1151967

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
--	---

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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Abercrombie Energy, LLC
Well Name	Pickett 1-17
Doc ID	1151967

All Electric Logs Run

Dual Induction
Compensated Density/Neutron PE
MicroLog
Sonic

Form	ACO1 - Well Completion
Operator	Abercrombie Energy, LLC
Well Name	Pickett 1-17
Doc ID	1151967

Tops

Name	Top	Datum
Anhy	2282	+834
B/Anhy	2295	+818
Heebner	3967	-851
Lansing	4018	-902
Stark Sh	4325	-1209
BKC	4467	-1351
Marmaton	4494	-1378
Cher Sh	4626	-1510
Mrw Sh	4814	-1698
Miss	4913	-1797



DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy, Inc.**

10209 W Central
STE 2 Wichita KS 67212

ATTN: Kent Chrisler

Pickett #1-7

17-20-34w Scott,KS

Start Date: 2013.07.10 @ 20:24:15

End Date: 2013.07.11 @ 02:45:30

Job Ticket #: 53131 DST #: 1

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

Printed: 2013.07.16 @ 09:02:53



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Abercrombie Energy, Inc.

17-20-34w Scott,KS

10209 W Central
STE 2 Wichita KS 67212

Pickett #1-7

Job Ticket: 53131

DST#: 1

ATTN: Kent Chrisler

Test Start: 2013.07.10 @ 20:24:15

GENERAL INFORMATION:

Formation: **LKC H-I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:31:00

Time Test Ended: 02:45:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

Interval: 4218.00 ft (KB) To 4281.00 ft (KB) (TVD)

Reference Elevations: 3116.00 ft (KB)

Total Depth: 4281.00 ft (KB) (TVD)

3106.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8846

Inside

Press @ Run Depth: 1155.42 psig @ 4219.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.10

End Date:

2013.07.11

Last Calib.:

2013.07.11

Start Time: 20:24:15

End Time:

02:45:30

Time On Btm:

2013.07.10 @ 22:27:45

Time Off Btm:

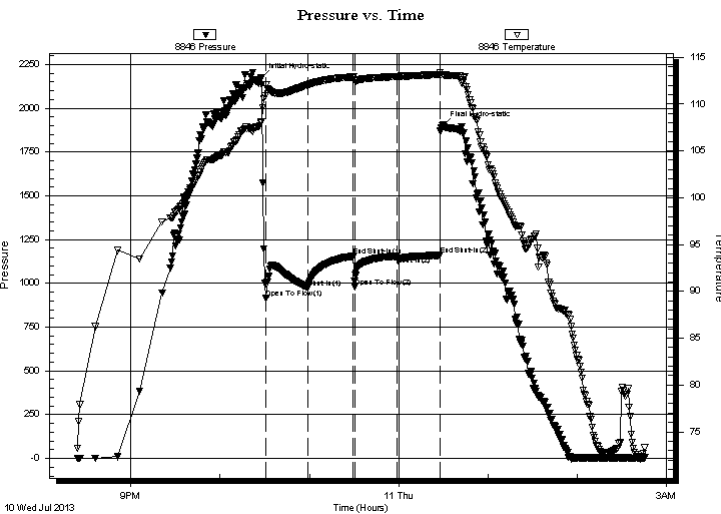
2013.07.11 @ 00:29:45

TEST COMMENT: IF:BOB in 15 seconds

IS:No return blow

FF:Built to 5" blow

FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2173.50	108.14	Initial Hydro-static
4	916.07	112.04	Open To Flow (1)
31	976.72	112.03	Shut-In(1)
62	1155.15	112.90	End Shut-In(1)
63	978.87	112.44	Open To Flow (2)
91	1155.42	112.94	Shut-In(2)
120	1160.69	113.15	End Shut-In(2)
122	1902.49	113.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
930.00	mud 100% m	13.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy, Inc.

17-20-34w Scott,KS

10209 W Central
STE 2 Wichita KS 67212

Pickett #1-7

Job Ticket: 53131

DST#: 1

ATTN: Kent Chrisler

Test Start: 2013.07.10 @ 20:24:15

Tool Information

Drill Pipe:	Length: 4212.00 ft	Diameter: 3.80 inches	Volume: 59.08 bbl	Tool Weight: 1500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 59.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4218.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.00 ft			
Tool Length:	92.00 ft			
Number of Packers:	2	Diameter: 7.88 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4190.00	
Shut In Tool	5.00			4195.00	
Hydraulic tool	5.00			4200.00	
Jars	5.00			4205.00	
Safety Joint	3.00			4208.00	
Packer	5.00			4213.00	29.00 Bottom Of Top Packer
Packer	5.00			4218.00	
Stubb	1.00			4219.00	
Recorder	0.00	8846	Inside	4219.00	
Recorder	0.00	8737	Outside	4219.00	
Perforations	1.00			4220.00	
Change Over Sub	1.00			4221.00	
Drill Pipe	31.00			4252.00	
Change Over Sub	1.00			4253.00	
Perforations	23.00			4276.00	
Bullnose	5.00			4281.00	63.00 Bottom Packers & Anchor
Total Tool Length:	92.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy, Inc.

17-20-34w Scott,KS

10209 W Central
STE 2 Wichita KS 67212

Pickett #1-7

Job Ticket: 53131

DST#: 1

ATTN: Kent Chrisler

Test Start: 2013.07.10 @ 20:24:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
930.00	mud 100% m	13.045

Total Length: 930.00 ft Total Volume: 13.045 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

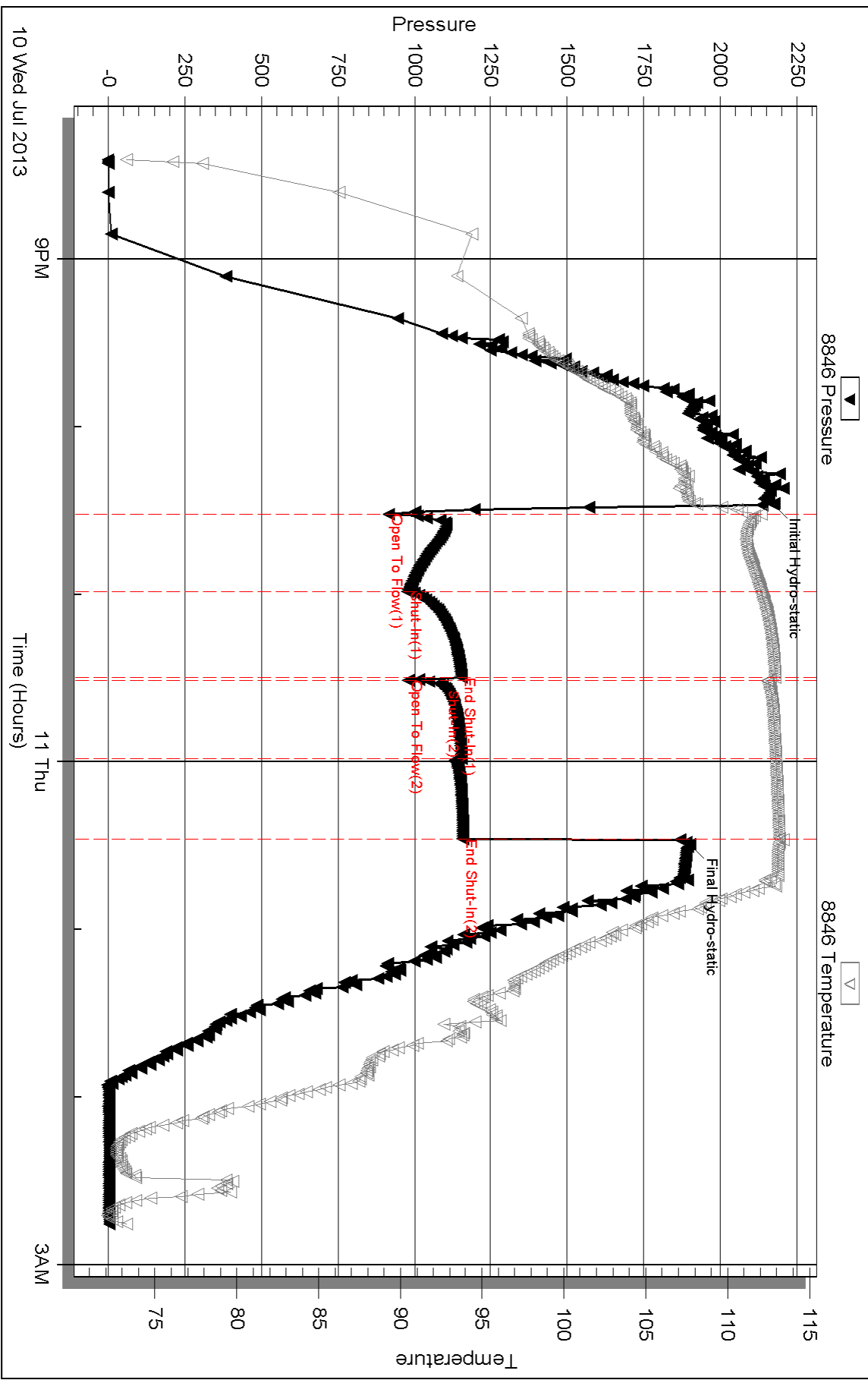
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

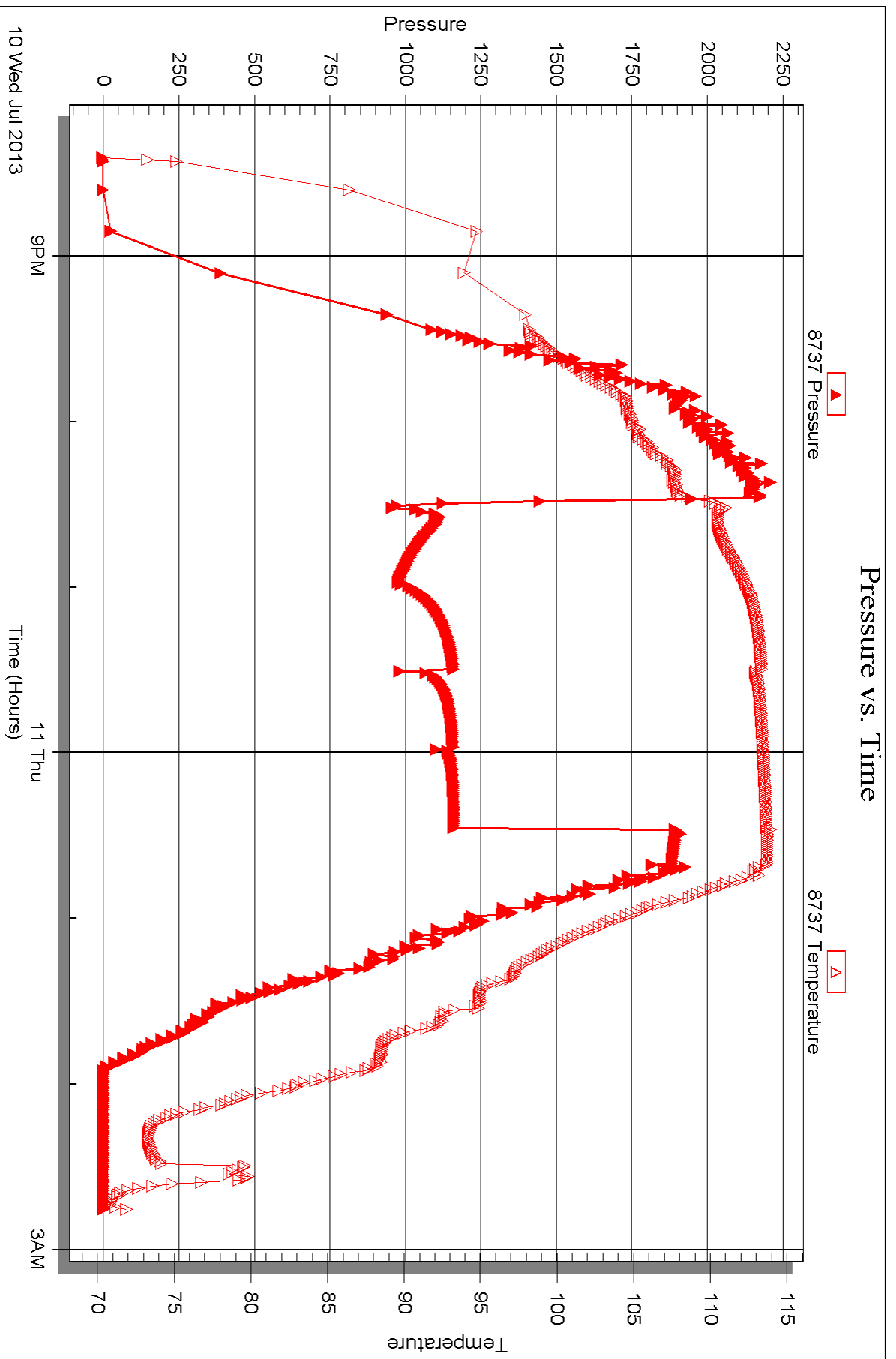


Serial #: 8737

Outside Abercrombie Energy, Inc.

Pickett #1-7

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 53131

Printed: 2013.07.16 @ 09:02:56



DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy, Inc.**

10209 W Central
STE 2 Wichita KS 67212

ATTN: Kent Chrisler

Pickett #1-7

17-20-34w Scott,KS

Start Date: 2013.07.12 @ 07:28:15

End Date: 2013.07.12 @ 13:25:30

Job Ticket #: 53132 DST #: 2

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

Printed: 2013.07.16 @ 09:02:16



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Abercrombie Energy, Inc.

17-20-34w Scott,KS

10209 W Central
STE 2 Wichita KS 67212

Pickett #1-7

ATTN: Kent Chrisler

Job Ticket: 53132

DST#: 2

Test Start: 2013.07.12 @ 07:28:15

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:23:00

Time Test Ended: 13:25:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4466.00 ft (KB) To 4587.00 ft (KB) (TVD)

Reference Elevations: 3116.00 ft (KB)

Total Depth: 4587.00 ft (KB) (TVD)

3106.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8846

Inside

Press @ Run Depth: 78.55 psig @ 4467.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.12

End Date:

2013.07.12

Last Calib.:

2013.07.12

Start Time:

07:28:15

End Time:

13:25:30

Time On Btm:

2013.07.12 @ 09:22:45

Time Off Btm:

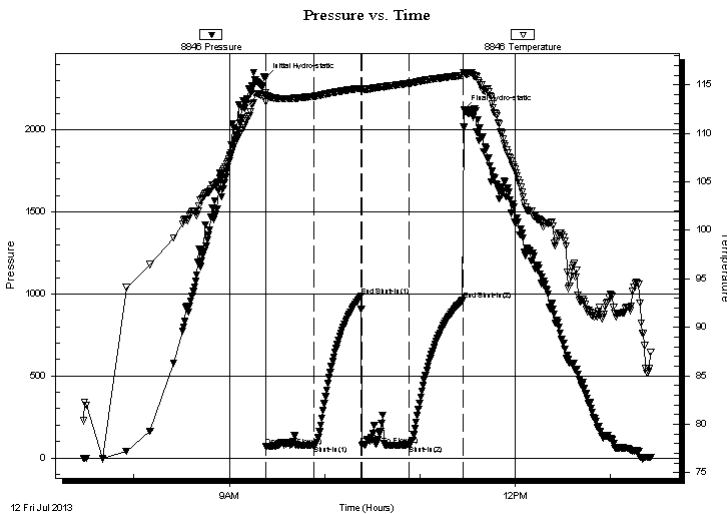
2013.07.12 @ 11:27:45

TEST COMMENT: IF:Weak surface blow died in 13 min.

IS:No return blow

FF:No blow

FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2322.27	114.17	Initial Hydro-static
1	71.74	113.22	Open To Flow (1)
31	76.22	113.80	Shut-In(1)
60	985.83	114.64	End Shut-In(1)
61	76.22	114.49	Open To Flow (2)
91	78.55	115.15	Shut-In(2)
125	962.73	115.97	End Shut-In(2)
125	2124.19	116.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	m 100% mud	0.42

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy, Inc.

17-20-34w Scott,KS

10209 W Central
STE 2 Wichita KS 67212

Pickett #1-7

Job Ticket: 53132

DST#: 2

ATTN: Kent Chrisler

Test Start: 2013.07.12 @ 07:28:15

Tool Information

Drill Pipe:	Length: 4469.00 ft	Diameter: 3.80 inches	Volume: 62.69 bbl	Tool Weight: 1500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 62.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4466.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	121.00 ft			
Tool Length:	150.00 ft			
Number of Packers:	2	Diameter: 7.88 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4438.00	
Shut In Tool	5.00			4443.00	
Hydraulic tool	5.00			4448.00	
Jars	5.00			4453.00	
Safety Joint	3.00			4456.00	
Packer	5.00			4461.00	29.00 Bottom Of Top Packer
Packer	5.00			4466.00	
Stubb	1.00			4467.00	
Recorder	0.00	8846	Inside	4467.00	
Recorder	0.00	8737	Outside	4467.00	
Perforations	1.00			4468.00	
Change Over Sub	1.00			4469.00	
Drill Pipe	94.00			4563.00	
Change Over Sub	1.00			4564.00	
Perforations	18.00			4582.00	
Bullnose	5.00			4587.00	121.00 Bottom Packers & Anchor
Total Tool Length:	150.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy, Inc.

17-20-34w Scott,KS

10209 W Central
STE 2 Wichita KS 67212

Pickett #1-7

Job Ticket: 53132

DST#: 2

ATTN: Kent Chrisler

Test Start: 2013.07.12 @ 07:28:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.36 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	m 100% mud	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

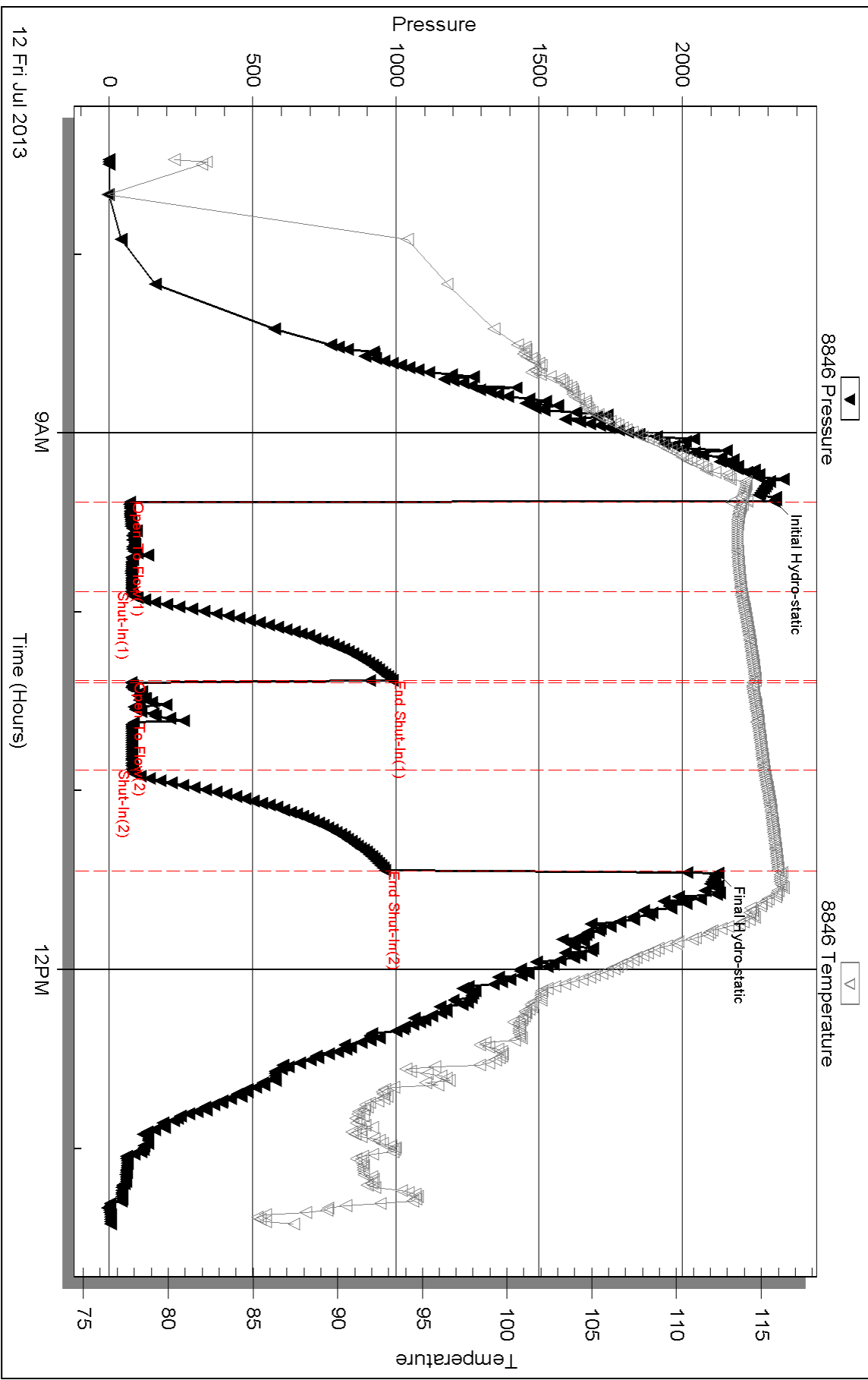
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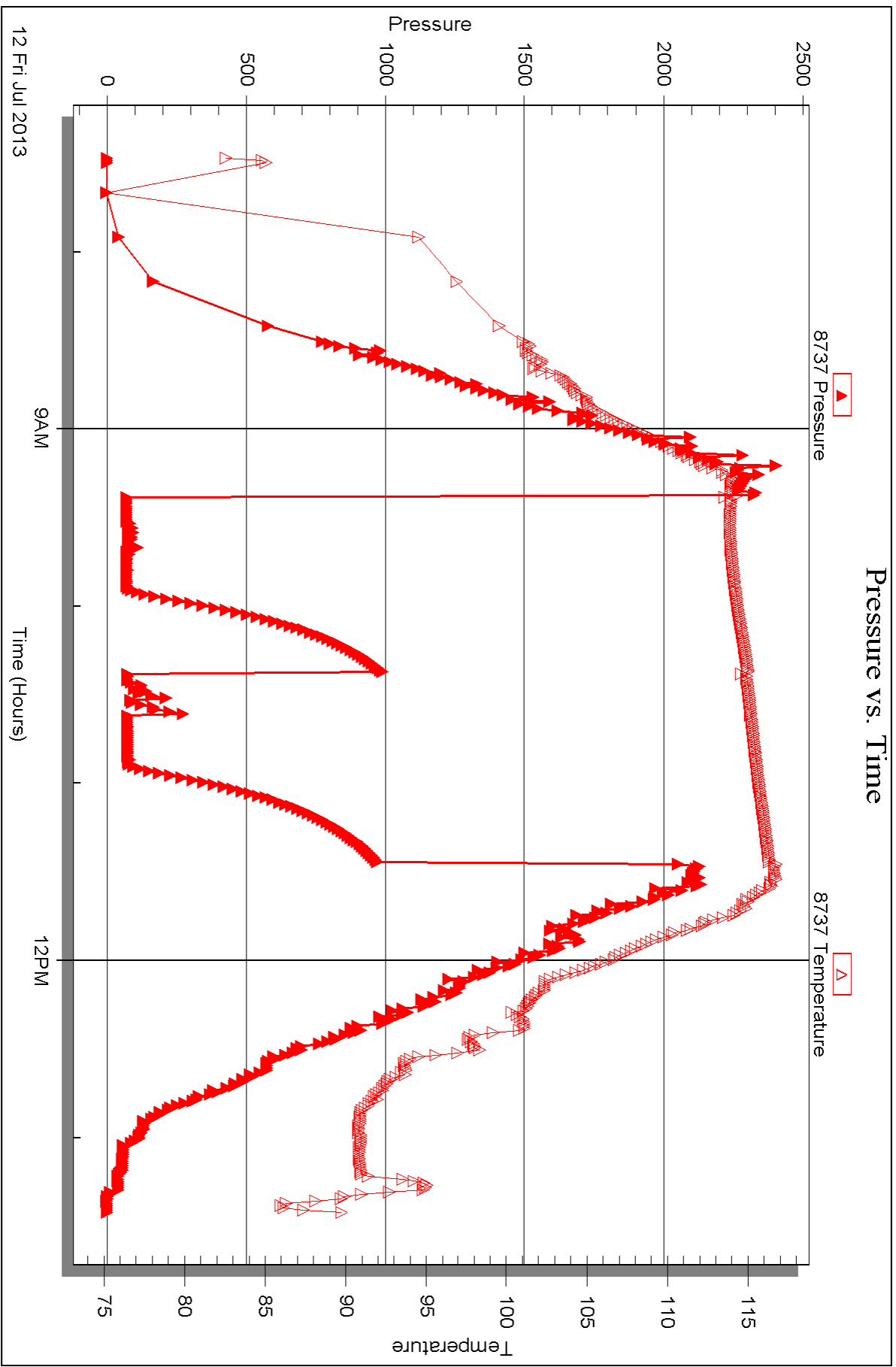
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy, Inc.**

10209 W Central
STE 2 Wichita KS 67212

ATTN: Kent Chrisler

Pickett #1-7

17-20-34w Scott,KS

Start Date: 2013.07.12 @ 21:13:15

End Date: 2013.07.13 @ 02:46:30

Job Ticket #: 53133 DST #: 3

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

Printed: 2013.07.16 @ 09:01:38



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Abercrombie Energy, Inc.

17-20-34w Scott,KS

10209 W Central
STE 2 Wichita KS 67212

Pickett #1-7

Job Ticket: 53133

DST#: 3

ATTN: Kent Chrisler

Test Start: 2013.07.12 @ 21:13:15

GENERAL INFORMATION:

Formation: **Beymer**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:58:30

Time Test Ended: 02:46:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4582.00 ft (KB) To 4611.00 ft (KB) (TVD)

Reference Elevations: 3116.00 ft (KB)

Total Depth: 4611.00 ft (KB) (TVD)

3106.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8846 Outside

Press @ Run Depth: 25.82 psig @ 4583.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.12

End Date:

2013.07.13

Last Calib.: 2013.07.13

Start Time: 21:13:15

End Time:

02:46:30

Time On Btm: 2013.07.12 @ 22:58:15

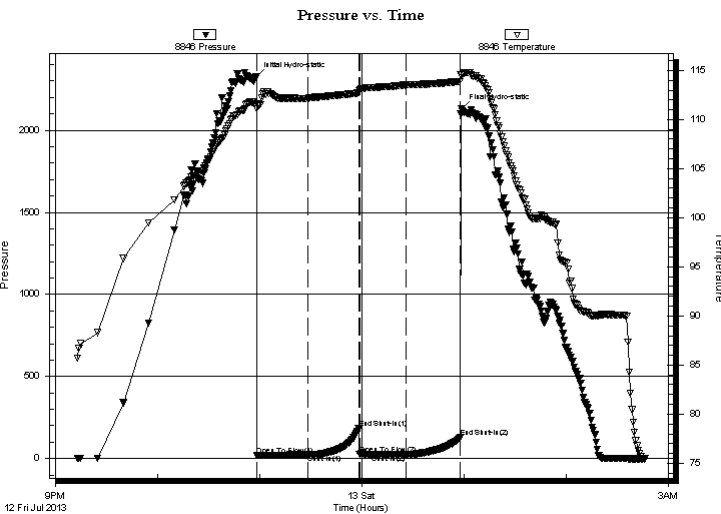
Time Off Btm: 2013.07.13 @ 00:58:45

TEST COMMENT: IF:Weak surface blow died in 5 min.

IS:No return blow

FF:No blow

FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2328.88	111.64	Initial Hydro-static
1	19.28	111.13	Open To Flow (1)
30	23.57	112.16	Shut-In(1)
60	182.81	112.71	End Shut-In(1)
61	27.38	112.93	Open To Flow (2)
88	25.82	113.53	Shut-In(2)
120	128.02	113.89	End Shut-In(2)
121	2130.70	114.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w ith oil spots	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy, Inc.

17-20-34w Scott,KS

10209 W Central
STE 2 Wichita KS 67212

Pickett #1-7

Job Ticket: 53133

DST#: 3

ATTN: Kent Chrisler

Test Start: 2013.07.12 @ 21:13:15

Tool Information

Drill Pipe:	Length: 4566.00 ft	Diameter: 3.80 inches	Volume: 64.05 bbl	Tool Weight: 1500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 64.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	4582.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 7.88 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4555.00	
Shut In Tool	5.00			4560.00	
Hydraulic tool	5.00			4565.00	
Jars	5.00			4570.00	
Safety Joint	3.00			4573.00	
Packer	5.00			4578.00	28.00 Bottom Of Top Packer
Packer	4.00			4582.00	
Stubb	1.00			4583.00	
Recorder	0.00	8737	Inside	4583.00	
Recorder	0.00	8846	Outside	4583.00	
Perforations	23.00			4606.00	
Bullnose	5.00			4611.00	29.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy, Inc.

17-20-34w Scott,KS

10209 W Central
STE 2 Wichita KS 67212

Pickett #1-7

Job Ticket: 53133

DST#: 3

ATTN: Kent Chrisler

Test Start: 2013.07.12 @ 21:13:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud w ith oil spots	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

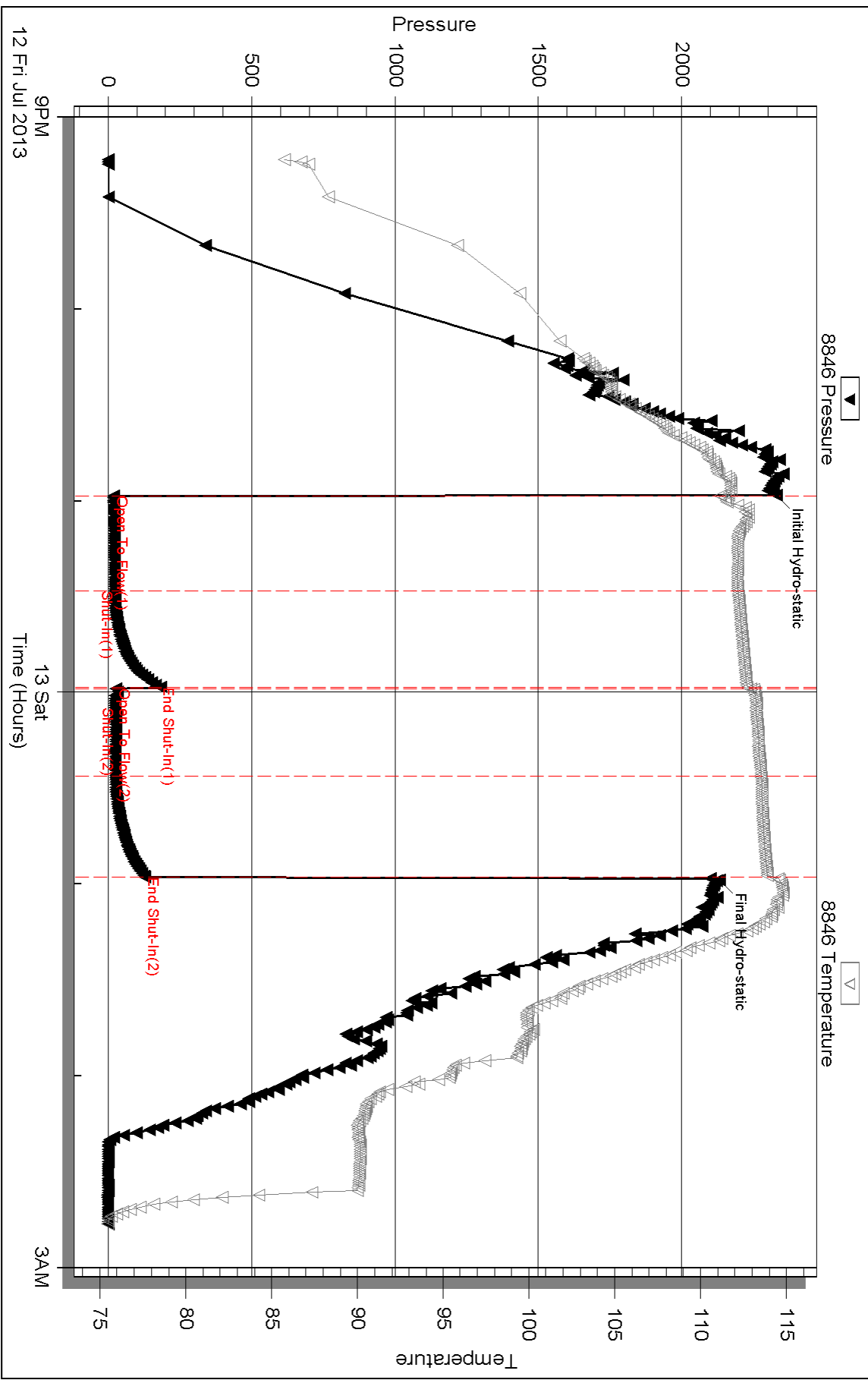
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



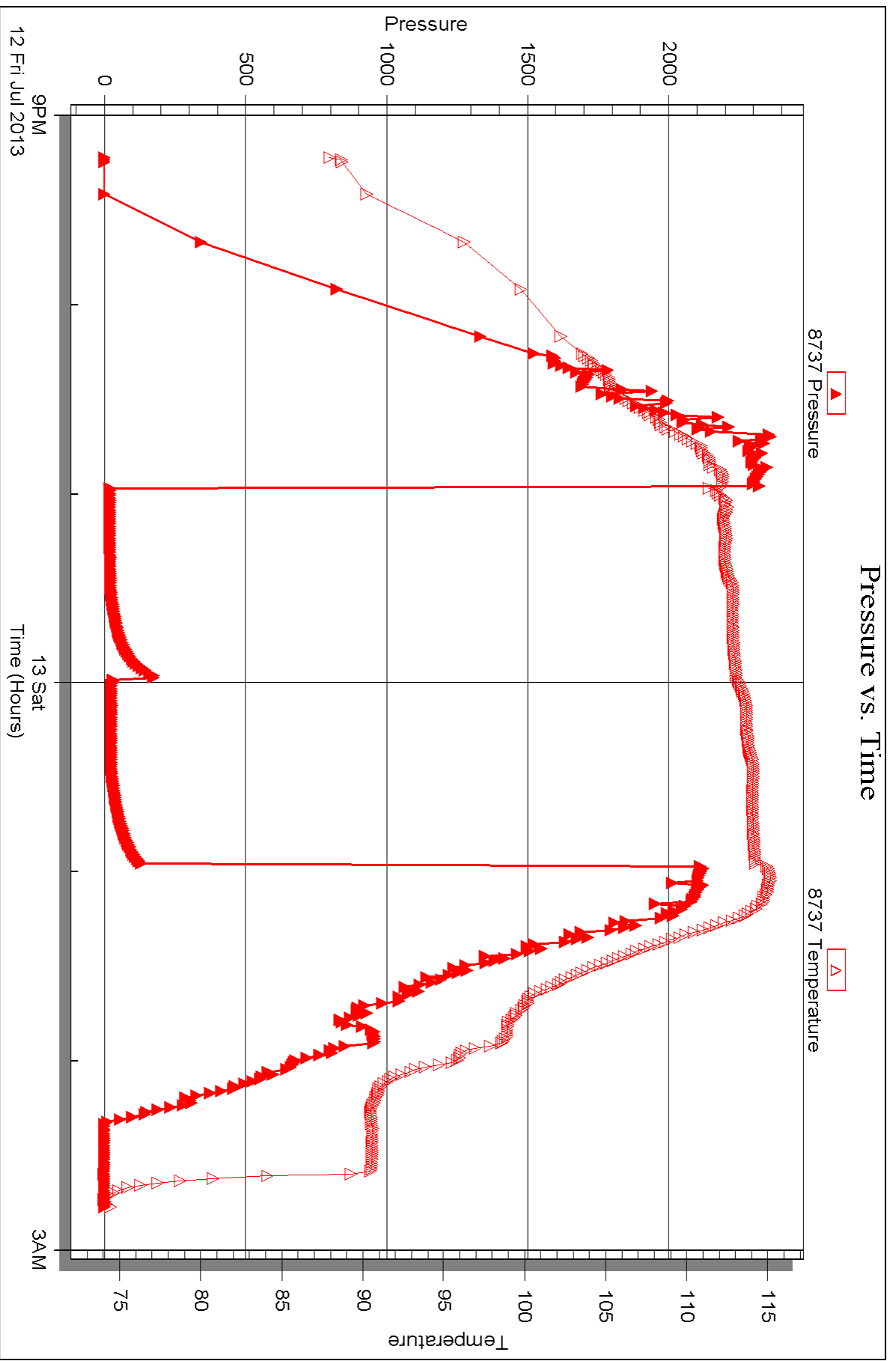
Serial #: 8737

Inside

Abercrombie Energy, Inc.

Pickett #1-7

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy, Inc.**

10209 W Central
STE 2 Wichita KS 67212

ATTN: Kent Chrisler

Pickett #1-7

17-20-34w Scott,KS

Start Date: 2013.07.13 @ 11:23:15

End Date: 2013.07.13 @ 17:08:30

Job Ticket #: 53134 DST #: 4

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

Printed: 2013.07.16 @ 09:00:50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Abercrombie Energy, Inc.

17-20-34w Scott,KS

10209 W Central
STE 2 Wichita KS 67212

Pickett #1-7

ATTN: Kent Chrisler

Job Ticket: 53134

DST#: 4

Test Start: 2013.07.13 @ 11:23:15

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:31:00

Time Test Ended: 17:08:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4605.00 ft (KB) To 4632.00 ft (KB) (TVD)

Total Depth: 4632.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3116.00 ft (KB)

3106.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8846 Outside

Press @ Run Depth: 22.95 psig @ 4606.00 ft (KB)

Start Date: 2013.07.13

End Date: 2013.07.13

Start Time: 11:23:15

End Time: 17:08:30

Capacity: 8000.00 psig

Last Calib.: 2013.07.13

Time On Btm: 2013.07.13 @ 13:30:30

Time Off Btm: 2013.07.13 @ 15:32:00

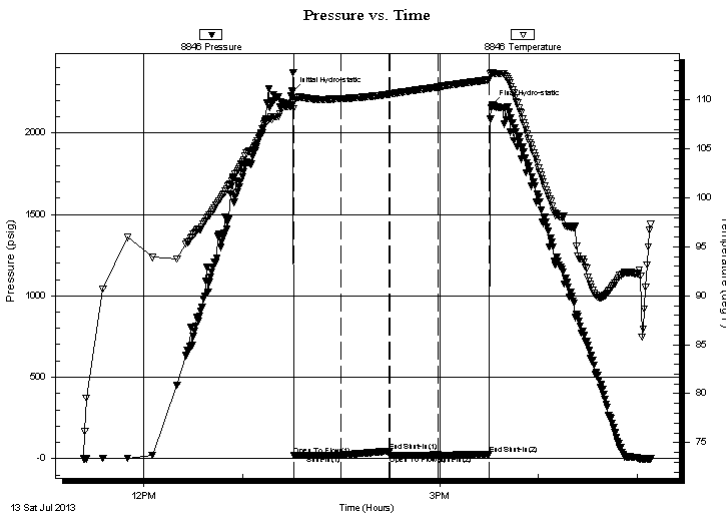
TEST COMMENT: IF:Weak surface blow died in 20 min.

IS:No return blow

FF:No blow

FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2252.29	109.73	Initial Hydro-static
1	19.04	109.12	Open To Flow (1)
30	19.45	110.14	Shut-In(1)
59	46.48	110.59	End Shut-In(1)
60	20.14	110.59	Open To Flow (2)
89	22.95	111.32	Shut-In(2)
120	27.04	112.08	End Shut-In(2)
122	2173.89	112.77	Final Hydro-static

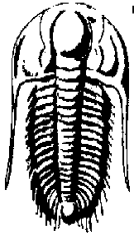
Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud w ith oil spots	0.14

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Abercrombie Energy, Inc.

17-20-34w Scott,KS

10209 W Central
STE 2 Wichita KS 67212

Pickett #1-7

ATTN: Kent Chrisler

Job Ticket: 53134

DST#: 4

Test Start: 2013.07.13 @ 11:23:15

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:31:00

Time Test Ended: 17:08:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4605.00 ft (KB) To 4632.00 ft (KB) (TVD)

Reference Elevations: 3116.00 ft (KB)

Total Depth: 4632.00 ft (KB) (TVD)

3106.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8737 Inside

Press@RunDepth: psig @ 4606.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.13

End Date: 2013.07.13

Last Calib.: 2013.07.13

Start Time: 11:23:15

End Time: 17:08:45

Time On Btm:

Time Off Btm:

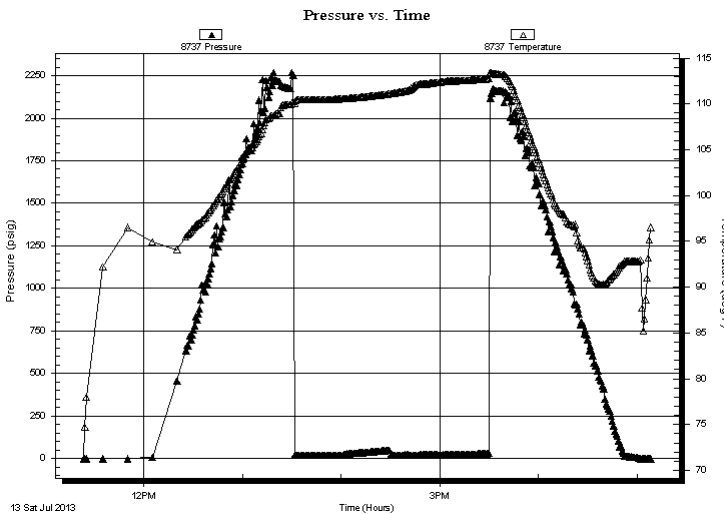
TEST COMMENT: IF: Weak surface blow died in 20 min.

IS: No return blow

FF: No blow

FS: No return blow

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud w ith oil spots	0.14

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy, Inc.

17-20-34w Scott,KS

10209 W Central
STE 2 Wichita KS 67212

Pickett #1-7

Job Ticket: 53134

DST#: 4

ATTN: Kent Chrisler

Test Start: 2013.07.13 @ 11:23:15

Tool Information

Drill Pipe:	Length: 4596.00 ft	Diameter: 3.80 inches	Volume: 64.47 bbl	Tool Weight: 1500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 64.47 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4605.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 7.88 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4578.00	
Shut In Tool	5.00			4583.00	
Hydraulic tool	5.00			4588.00	
Jars	5.00			4593.00	
Safety Joint	3.00			4596.00	
Packer	5.00			4601.00	28.00 Bottom Of Top Packer
Packer	4.00			4605.00	
Stubb	1.00			4606.00	
Recorder	0.00	8737	Inside	4606.00	
Recorder	0.00	8846	Outside	4606.00	
Perforations	21.00			4627.00	
Bullnose	5.00			4632.00	27.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy, Inc.

17-20-34w Scott,KS

10209 W Central
STE 2 Wichita KS 67212

Pickett #1-7

Job Ticket: 53134

DST#: 4

ATTN: Kent Chrisler

Test Start: 2013.07.13 @ 11:23:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud w ith oil spots	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

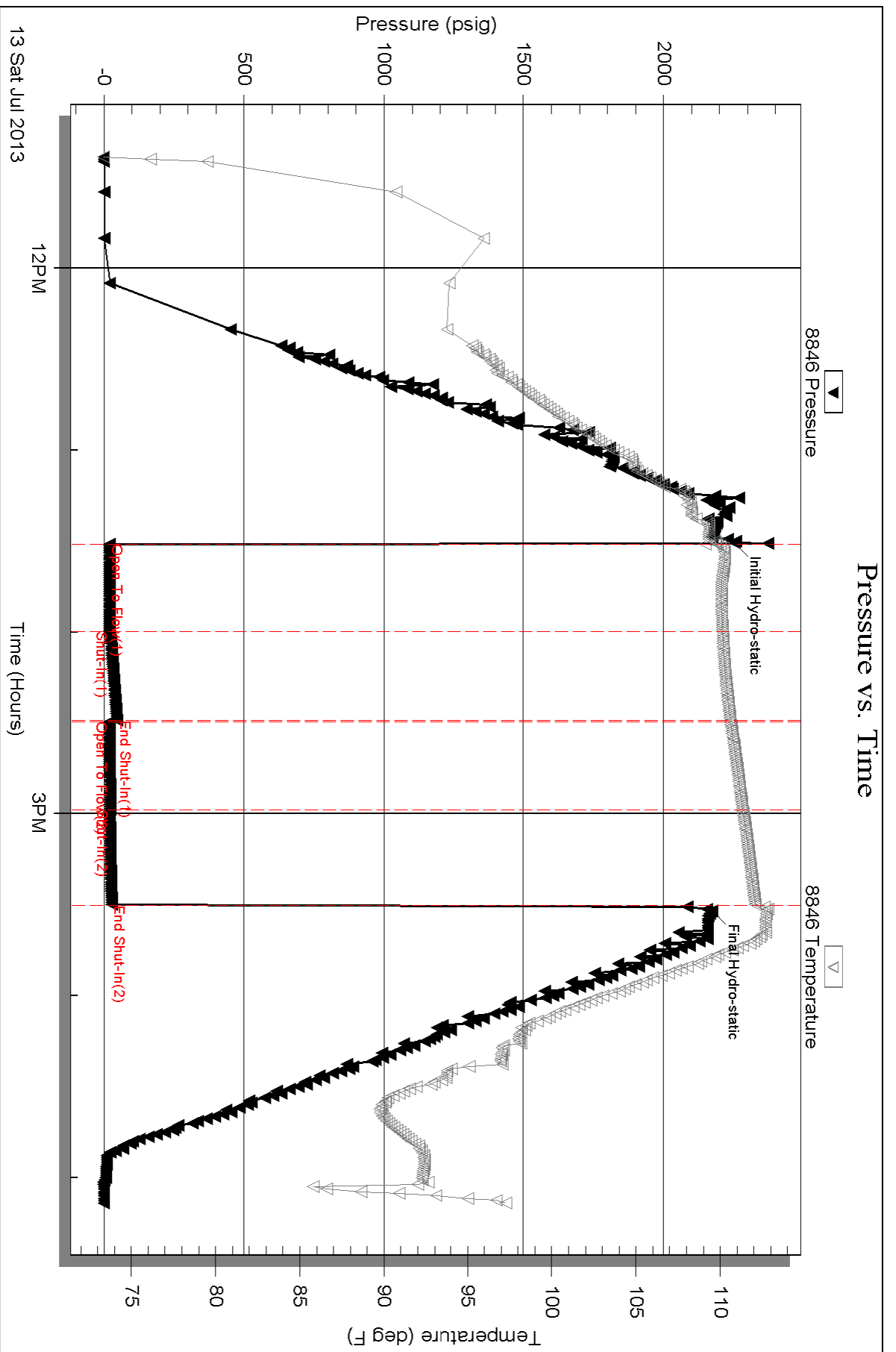
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



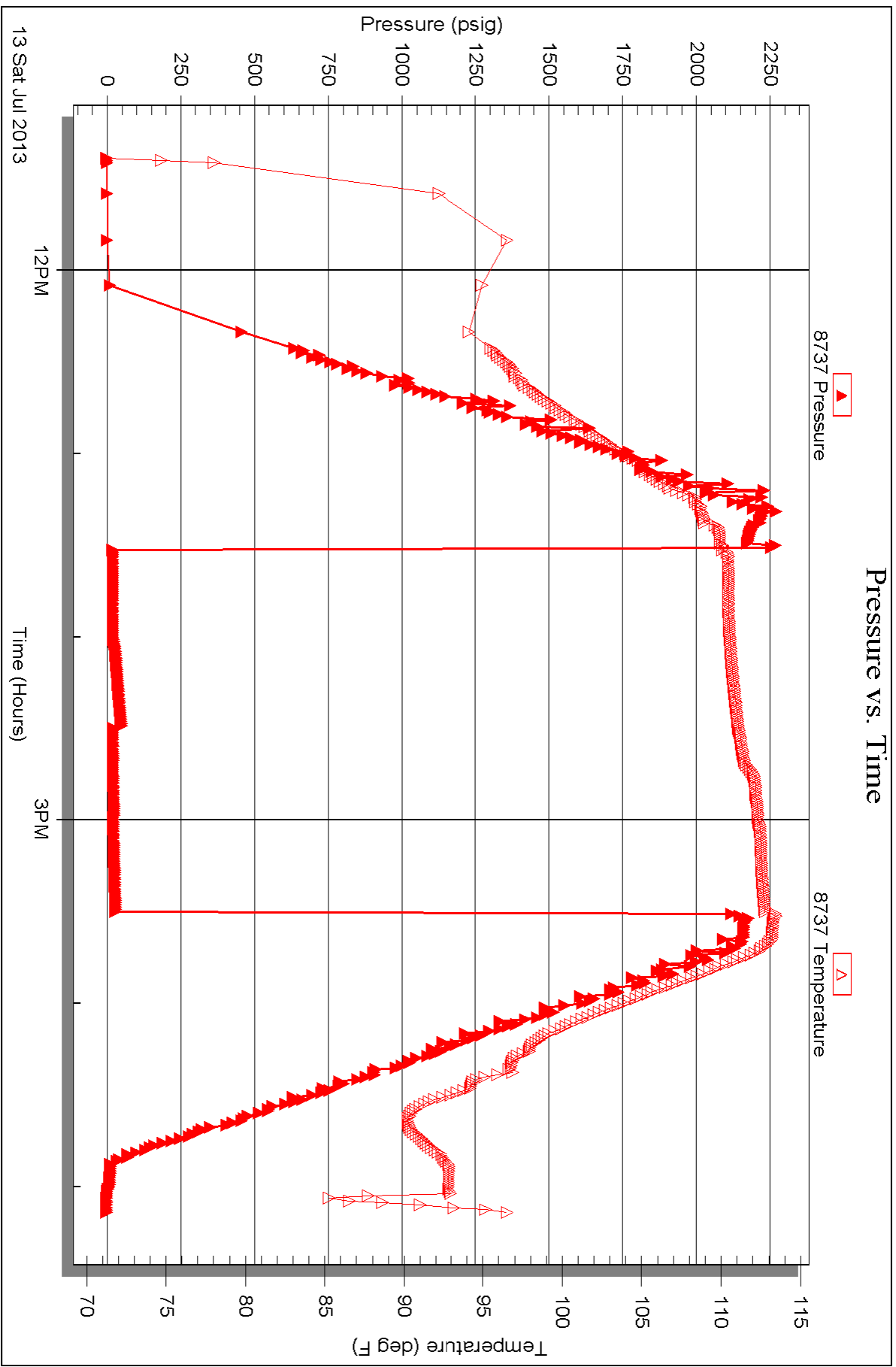
Serial #: 8737

Inside

Abercrombie Energy, Inc.

Pickett #1-7

DST Test Number: 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53131

Well Name & No. <u>Pickett 1-7</u>	Test No. <u>1</u>	Date <u>7-10-13</u>
Company <u>Abercrombie Energy Inc</u>	Elevation <u>3116</u>	KB <u>3106</u> GL
Address <u>10209 W Central Ste 2 Wichita KS 67212</u>		
Co. Rep / Geo. <u>Kent Chrisler</u>	Rig <u>Val 7</u>	
Location: Sec. <u>17</u> Twp. <u>20</u> Rge. <u>34W</u> Co. <u>Scott</u> State <u>KS</u>		

Interval Tested <u>4218-4281</u>	Zone Tested <u>H-1</u>	
Anchor Length <u>63</u>	Drill Pipe Run <u>4212</u>	Mud Wt <u>9.2</u>
Top Packer Depth <u>4214</u>	Drill Collars Run <u>Ø</u>	Vis <u>47</u>
Bottom Packer Depth <u>4218</u>	Wt. Pipe Run <u>Ø</u>	WL <u>8.8</u>
Total Depth <u>4281</u>	Chlorides <u>3000</u> ppm System	LCM <u>12# Spotted Pill</u>
Blow Description <u>IF: BOB in 15 seconds</u>		
<u>IS: No Return Blow</u>		
<u>FF: Boil to 5" Blow</u>		
<u>FS: No Return Blow</u>		

Rec	Feet of	%gas	%oil	%water	%mud
<u>930</u>	<u>MUD</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total <u>930</u> BHT <u>115</u>	Gravity <u>—</u> API RW <u>—</u> @ <u>—</u> °F Chlorides <u>—</u> ppm
(A) Initial Hydrostatic <u>2173</u>	<input checked="" type="checkbox"/> Test 1250 T-On Location <u>19:00</u>
(B) First Initial Flow <u>916</u>	<input checked="" type="checkbox"/> Jars 250 T-Started <u>20:24</u>
(C) First Final Flow <u>976</u>	<input checked="" type="checkbox"/> Safety Joint 75 T-Open <u>22:27</u>
(D) Initial Shut-In <u>1155</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u> T-Pulled <u>00:27</u>
(E) Second Initial Flow <u>978</u>	<input type="checkbox"/> Hourly Standby T-Out <u>02:45</u>
(F) Second Final Flow <u>1155</u>	<input checked="" type="checkbox"/> Mileage <u>45 RT</u> 69.75 Comments
(G) Final Shut-In <u>1160</u>	<input type="checkbox"/> Sampler
(H) Final Hydrostatic <u>1902</u>	<input type="checkbox"/> Straddle
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby
	<input type="checkbox"/> Accessibility
	Sub Total <u>1644.75</u> MP/DST Disc't

Approved By Kent Chrisler Our Representative Mike Robert

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. 53132

Well Name & No. <u>Pickett 1-7</u>	Test No. <u>2</u>	Date <u>7-12-13</u>
Company <u>Abercrombie Energy Inc</u>	Elevation <u>3116</u>	KB <u>3106</u> GL
Address <u>10209 W. Central Ste 2 Wichita KS 67212</u>		
Co. Rep / Geo. <u>Kent Christler</u>	Rig <u>Val #7</u>	
Location: Sec. <u>17</u> Twp. <u>20</u> Rge. <u>34W</u> Co. <u>Scott</u> State <u>KS</u>		

Interval Tested <u>4466-4587</u>	Zone Tested <u>Marmaton</u>
Anchor Length <u>121</u>	Drill Pipe Run <u>4469</u> Mud Wt <u>9.1</u>
Top Packer Depth <u>4462</u>	Drill Collars Run <u>0</u> Vis <u>50</u>
Bottom Packer Depth <u>4466</u>	Wt. Pipe Run <u>0</u> WL <u>10.4</u>
Total Depth <u>4587</u>	Chlorides <u>6000</u> ppm System LCM <u>10</u>

Blow Description IF: Weak Surface Blow Died in 13 min
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>MUD</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total <u>30</u>	BHT <u>117</u>	Gravity <u>—</u>	API RW <u>—</u>	@ <u>—</u>	°F Chlorides <u>—</u>	ppm
(A) Initial Hydrostatic <u>2322</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>07:00</u>				
(B) First Initial Flow <u>71</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>07:28</u>				
(C) First Final Flow <u>76</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>09:22</u>				
(D) Initial Shut-In <u>985</u>	<input checked="" type="checkbox"/> Circ Sub <u>NL</u>	T-Pulled <u>11:22</u>				
(E) Second Initial Flow <u>76</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>13:25</u>				
(F) Second Final Flow <u>78</u>	<input checked="" type="checkbox"/> Mileage <u>45RT</u> 69.75	Comments				
(G) Final Shut-In <u>962</u>	<input type="checkbox"/> Sampler					
(H) Final Hydrostatic <u>2124</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer				

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1644.75</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1644.75</u>	

Approved By Kent Christler Our Representative Mike Rolt

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. 53133

Well Name & No. <u>Pickett 1-7</u>	Test No. <u>3</u>	Date <u>7-12-13</u>
Company <u>Abercrombie Energy Inc.</u>	Elevation <u>3116</u>	KB <u>3106</u> GL
Address <u>10209 W. Central Ste. 2 Wichita KS 67212</u>		
Co. Rep / Geo. <u>Kent Christer</u>	Rig <u>Val #7</u>	
Location: Sec. <u>17</u> Twp. <u>20</u> Rge. <u>34W</u> Co. <u>SCOTT</u>	State <u>KS</u>	

Interval Tested <u>4582-4611</u>	Zone Tested <u>Beymer</u>
Anchor Length <u>29'</u>	Drill Pipe Run <u>4566</u> Mud Wt <u>9.0</u>
Top Packer Depth <u>4578</u>	Drill Collars Run <u>Ø</u> Vis <u>50</u>
Bottom Packer Depth <u>4582</u>	Wt. Pipe Run <u>Ø</u> WL <u>8.0</u>
Total Depth <u>4611</u>	Chlorides <u>4200</u> ppm System LCM <u>8</u>

Blow Description IF: Weak Surface Blow Died in 5 Min
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>MUD with oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 115 Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic <u>2328</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>20:20</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>21:13</u>
(C) First Final Flow <u>23</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>22:58</u>
(D) Initial Shut-In <u>182</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>00:58</u>
(E) Second Initial Flow <u>27</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>02:46</u>
(F) Second Final Flow <u>25</u>	<input checked="" type="checkbox"/> Mileage <u>45 RT</u> 69.75	Comments
(G) Final Shut-In <u>128</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2130</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1644.75</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't

Sub Total 1644.75

Approved By Kent Christer Our Representative Mike Robert

Triobite 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. 53134

Well Name & No. <u>Pickett 1-7</u>	Test No. <u>4</u>	Date <u>7-13-13</u>
Company <u>Abercrombie Energy Inc.</u>	Elevation <u>3116</u>	KB <u>3106</u> GL
Address <u>10209 W. Central Ste 2 Wichita KS 67212</u>		
Co. Rep / Geo. <u>Kent Christer</u>	Rig <u>Val 7</u>	
Location: Sec. <u>17</u> Twp. <u>20</u> Rge. <u>34W</u> Co. <u>SCOTT</u> State <u>KS</u>		

Interval Tested <u>4605-4632</u>	Zone Tested <u>Johnson</u>	
Anchor Length <u>27</u>	Drill Pipe Run <u>4596</u>	Mud Wt. <u>9.2</u>
Top Packer Depth <u>4601</u>	Drill Collars Run <u>0</u>	Vis <u>50</u>
Bottom Packer Depth <u>4605</u>	Wt. Pipe Run <u>0</u>	WL <u>10.8</u>
Total Depth <u>4632</u>	Chlorides <u>7000</u> ppm System	LCM <u>8</u>

Blow Description IF: Weak Surface Blow Dried in 20 Min.
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>MUD with oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 115 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>10:45</u>
(B) First Initial Flow	<input checked="" type="checkbox"/> Jars 250	T-Started <u>11:23</u>
(C) First Final Flow	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>13:30</u>
(D) Initial Shut-In	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>15:30</u>
(E) Second Initial Flow	<input type="checkbox"/> Hourly Standby	T-Out <u>17:08</u>
(F) Second Final Flow	<input checked="" type="checkbox"/> Mileage <u>45 RT</u> 69.75	Comments
(G) Final Shut-In	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1644.75</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc t
	Sub Total <u>1644.75</u>	

Approved By Kent Christer Our Representative Mike Roberts

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.

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

July 17, 2013

Gary Misak
Abercrombie Energy, LLC
10209 W. CENTRAL, STE 2
WICHITA, KS 67212

Re: ACO1
API 15-171-20960-00-00
Pickett 1-17
NE/4 Sec.17-20S-34W
Scott County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Gary Misak

ALLIED

OIL & GAS SERVICES, LLC

PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

COPY

INVOICE

Invoice Number: 137200

Invoice Date: Jul 5, 2013

Page: 1

Bill To:

Abercrombie Energy, LLC
5510 Oil Center RD South
Great Bend, KS 67530

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Aber	60815	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jul 5, 2013	8/4/13

Quantity	Item	Description	Unit Price	Amount
		Pickett #1-17		
205.00	MAT	Class A Common	17.90	3,669.50
4.00	MAT	Gel	23.40	93.60
7.00	MAT	Chloride	64.00	448.00
221.67	SER	Cubic Feet	2.48	549.75
677.83	SER	Ton Mileage	2.60	1,762.38
1.00	SER	Surface	1,512.25	1,512.25
67.00	SER	Pump Truck Mileage	7.70	515.90
1.00	SER	Manifold Rental	275.00	275.00
67.00	SER	Light Vehicle Mileage	4.40	294.80
1.00	CEMENTER	Alan Ryan		
1.00	EQUIP OPER	Wayne McGhghy		
1.00	OPER ASSIST	David Scariano		
		VENDOR NUMBER	_____	
		VOUCHER NUMBER	_____	
		VERIF OF RECEIPT	_____	
		CODE NUMBER	AMOUNT	
		<u>1352062</u>	_____	
		<u>PICKETT #1-17</u>	_____	
		<u>CEMENT SURFACE CSG</u>	_____	
		APPROVAL	_____	
		VERIFIED ACCURACY	_____	

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1,821.23

ONLY IF PAID ON OR BEFORE

Jul 30, 2013

Subtotal	9,121.18
Sales Tax	343.20
Total Invoice Amount	9,464.38
Payment/Credit Applied	
TOTAL	9,464.38

ALLIED OIL & GAS SERVICES, LLC 060815

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Dakley, TX

DATE <u>2/5/13</u>	SEC. <u>17</u>	TWP. <u>20</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Picklett's</u>	WELL # <u>1-17</u>	LOCATION <u>Scott City 570 1/2 20 W to</u>	COUNTY <u>Scott</u>	STATE <u>KI</u>			
OLD OR NEW (Circle one)	<u>Abercrombie 570 40' 1W 14 S W 1/4 20</u>						

CONTRACTOR Kel 7 OWNER Same

TYPE OF JOB Surface

HOLE SIZE 18 1/4 T.D. 308 CEMENT AMOUNT ORDERED 205 Com 370 cc

CASING SIZE 8 1/8 DEPTH 308 207 gals

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 186641

EQUIPMENT

PUMP TRUCK CEMENTER Alan Ryan

402 HELPER Wayne McInghy

BULK TRUCK DRIVER David Scario

DRIVER

COMMON 205 @ 17.90 3669.00

POZMIX @

GEL 4 @ 23.42 93.68

CHLORIDE 7 @ 69.00 483.00

ASC @

HANDLING 221.62 @ 2.44 541.75

MILEAGE 207 @ 17.62 3628.34

TOTAL 6523.75

REMARKS:

Run by Coultter and Cement, replace cement

Start

Cement bed Circulate

Think in

Along way band

CHARGE TO: Abercrombie

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 11572.25

EXTRA FOOTAGE @

MILEAGE 67 miles @ 5.20 348.40

MANIFOLD @ 275.00

CITELINE 67 miles @ 4.40 294.80

TOTAL 2597.95

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL

To: Allied Oil & Gas Services, LLC.
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.

SALES TAX (If Any)

TOTAL CHARGES 9,121.18

PRINTED NAME James Shultz

DISCOUNT 1,824.23 IF PAID IN 30 DAYS

SIGNATURE [Signature]

7,296.94 Net.

API # 15-171-20960-00-00

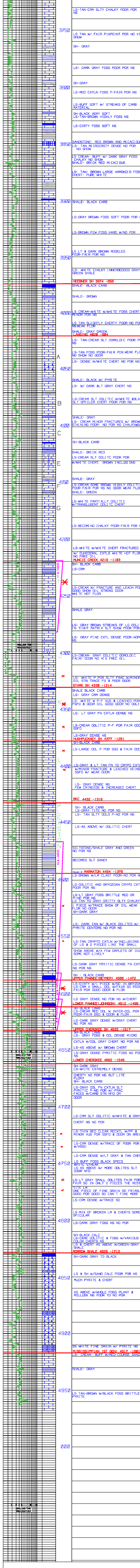
GEOLOGICAL REPORT

DRILLING TIME & SAMPLE LOGS

PREPARED BY GRADE E CRUISERS GEOLOGIST

COMPANY	ABERCROMBIE ENERGY	ELEVATION	K.B. 3116
LEASE	PICKETT # 1-17	D.F.	
FIELD		G.L. 3106	
LOCATION	335' FEL. & 1720' FNL.	DEPTH MEASURED FROM KB	
SEC	17 TWP 20 S. RGE 34 W.	Log 4958 0-4965	
COUNTY	SCOTT STATE KANSAS	Surf-Prod. B 5/8 307'	
CONTRACTOR	VAL RIG # 7	Production NONE	
SPUD	07/05/13 COMP 07/15/2013	Production NONE	
SAMPLES SAVED FROM	3600 TO TD	Oil/WELL Sonic QD PE	

FORMATION	SAMPLE	E LOG	DATE
ANWATERITE	2377	-899	
HEFNER SH	3974	-897	
MANSUR CRK	4376	-918	
STARK SH	4330	-1209	
BKC	4478	-1261	
MARMATON	4494	-1378	
BEYMER	4588	-1468	
JOHNSON	4612	-1486	
UPPER CHEROKEE	4633	-1517	
LOWER CHEROKEE	4662	-1546	
MORROW SHALE	4829	-1713	
MISSISSIPPIAN (ST GEN)	4917	-1801	



JULY 10 2:25AM
LOSS CIR
DST #1 4218-4281
30-30-30-30
REC 930 DRLG MUD W/OIL SP
IF 916-976 FF 970-1155
SIP 1155/1168
HYDR 2173/1902
TEMP 115

DST #2 4465-4567
30-30-30-30
REC 30 MUD
IF 71-76 76-76
SIP 985/982
HYDR 2322/2124
TEMP 117

CIR 30 & 60

CIR 30 & 60

CIR 30 & 60

DST #3 4582-4611 BEYMER
30-30-30-30
REC 5' M W/OIL SPOTS
IF 19-23 FF 27-25
SIP 182/128
HYDR 2328/2138
TEMP 115

DST #4 4605-4632 JOHNSON
30-30-30-30
REC 10' MUD W/ OIL SPOTS
IF 19-19 FF 20-22
SIP 46/27#
TEMP 115

ALLIED

OIL & GAS SERVICES, LLC



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 137461

Invoice Date: Jul 15, 2013

Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361

Aug 1 2013

Bill To:

Abercrombie Energy, LLC
5510 Oil Center RD South
Great Bend, KS 67530

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Aber	60346	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Jul 15, 2013	8/14/13

Quantity	Item	Description	Unit Price	Amount
174.00	MAT	Pickett #1-17 Class A-Common	17.90	3,114.60
116.00	MAT	Pozmix	9.35	1,084.60
10.00	MAT	Gel	23.40	234.00
73.00	MAT	Flo Seal	2.97	216.81
311.46	SER	Cubic Feet	2.48	772.42
871.66	SER	Ton Mileage	2.60	2,266.34
1.00	SER	Plug to Abandon	2,483.59	2,483.59
67.00	SER	Pump Truck Mileage	7.70	515.90
67.00	SER	Light Vehicle Mileage	4.40	294.80
1.00	CEMENTER	LaRene Wentz		
1.00	EQUIP OPER	Mike Scothorn		
1.00	OPER ASSIST	David Scariano		

VENDOR NUMBER _____

VOUCHER NUMBER _____

VERIF OF RECEIPT _____

CODE NUMBER _____ AMOUNT _____

1352084

PICKETT 1-17

CEMENT TO PLUG

APPROVAL *[Signature]* _____

VERIFIED ACCURACY _____

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 2,196.61

ONLY IF PAID ON OR BEFORE

Aug 9, 2013

Subtotal	10,983.06
Sales Tax	895.12
Total Invoice Amount	11,878.18
Payment/Credit Applied	
TOTAL	11,878.18

ALLIED OIL & GAS SERVICES, LLC

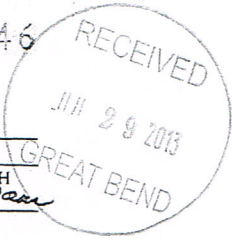
060346

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

~~Scott, KS~~
Great Bend, KS



DATE 7-15-13	SEC. 17	TWP. 20	RANGE 34	CALLED OUT	ON LOCATION 2:30pm	JOB START 11:30am	JOB FINISH 12:30am
LEASE Pickett	WELL # 1-17	LOCATION Scott Ct, 5 to Rd 70, W to Cherokee, 35 to 40, 1W, 145, W into	COUNTY Scott	STATE KS			
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Ual #7
 TYPE OF JOB PTA
 HOLE SIZE 7 7/8 T.D. 4965'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 2310'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 25.74661
 EQUIPMENT _____

OWNER same.

CEMENT	AMOUNT ORDERED	<u>290 SKS 60/40 4 bags</u>	
		<u>1/4 # flo-seal</u>	
COMMON	<u>174 SKS @</u>	<u>17.90</u>	<u>3114.60</u>
POZMIX	<u>116 SKS @</u>	<u>9.35</u>	<u>1084.60</u>
GEL	<u>10 SKS @</u>	<u>23.40</u>	<u>234.00</u>
CHLORIDE	@		
ASC	@		
<u>flo-seal</u>	<u>73 # @</u>	<u>2.97</u>	<u>216.81</u>
	@		
	@		
	@		
	@		
	@		
	@		
HANDLING	<u>311.46 SF @</u>	<u>2.48</u>	<u>772.42</u>
MILEAGE	<u>130 to x 67 X</u>	<u>2.60</u>	<u>2266.34</u>
			TOTAL <u>7688.77</u>

PUMP TRUCK CEMENTER Lakene E. Wendt
 # 398 HELPER Mike Seathorn
 BULK TRUCK # 396/306 DRIVER Rafael Maysouet
 BULK TRUCK # _____ DRIVER David Scarioano

REMARKS:

- MIX 50 SKS 2310'
 - MIX 80 SKS 1300'
 - MIX 50 SKS 625'
 - MIX 40 SKS 390'
 - MIX 20 SKS 60'
 - Plug RH - 20 SKS
 - Plug RH - 30 SKS
- Thank you

CHARGE TO: Abercrombie
 STREET _____
 CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, LLC.
 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 James Shultz
 SIGNATURE [Signature]

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>2483.59</u>
EXTRA FOOTAGE	@	
MILEAGE <u>MIHU</u>	<u>67 @</u>	<u>7.70</u> <u>515.90</u>
MANIFOLD	@	
<u>MIHU</u>	<u>67 @</u>	<u>4.40</u> <u>294.80</u>
	@	
TOTAL <u>3294.29</u>		

PLUG & FLOAT EQUIPMENT

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

SALES TAX (If Any) _____
 TOTAL CHARGES 10,983.06
 DISCOUNT 2,196.61 IF PAID IN 30 DAYS
8,786.44