



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1225713
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
-----------------------------------	-----------------	---

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: _____

1225713

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Special Energy Corp.
Well Name	Collins 1
Doc ID	1225713

All Electric Logs Run

Dual Induction
Compensated Density/ Neutron PE
Micro Log
Sonic Log

Form	ACO1 - Well Completion
Operator	Special Energy Corp.
Well Name	Collins 1
Doc ID	1225713

Tops

Name	Top	Datum
Chase	2507	-194
Chase Base	2790	-477
Heebner	4048	-1735
Lansing	4180	-1867
Base Kansas City	4585	-2272
Marmaton	4592	-2279
Pawnee	4659	-2346
Cherokee	4716	-2403
Mississippian	4782	-2469
Warsaw	4790	-2477
Warsaw P-1	4814	-2501

ALLIED OIL & GAS SERVICES, LLC 063685

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Great Bend KS

DATE <u>10-10-14</u>	SEC. <u>28</u>	TWP. <u>26S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION <u>12:00 PM</u>	JOB START <u>6:00 PM</u>	JOB FINISH <u>7:00 PM</u>	
LEASE <u>Collins</u>		WELL # <u>1</u>	LOCATION <u>off rd west to 132 RD</u>			COUNTY <u>land</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		LOCATION <u>South Dead End 1/2 East South Stop</u> <u>1/2 South 1/4 East South into</u>						

CONTRACTOR H2 Risky OWNER Special Energy Corp

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 860 CEMENT

CASING SIZE 8 3/4 DEPTH 862 AMOUNT ORDERED 2605X 65/35+6% Gcl

TUBING SIZE DEPTH + 3% CC

DRILL PIPE DEPTH 1505X class A + 3% RC + 2% Gcl

TOOL DEPTH

PRES. MAX MINIMUM COMMON 150 @ 17.70 2.685.00

MEAS. LINE SHOE JOINT POZMIX @

CEMENT LEFT IN CSG. 42.50 GEL 282 @ 1.50 141.00

PERFS. CHLORIDE 1101 @ 1.10 1211.10

DISPLACEMENT f-con 52.25 BBHs ASC @

EQUIPMENT 260 65/35/6% @ 19.82 5153.20

PUMP TRUCK CEMENTER Wayne Davis

517 HELPER Charles Kinyon materials Total 9190.30

BULK TRUCK Disc 29% 2665.19

870/844 DRIVER Marilyn Spangenberg

BULK TRUCK Service

DRIVER

HANDLING 456.85 @ 2.48 1132.98

MILEAGE 19.73 x 55 x 2.75 2.984.14

REMARKS:

Run float equip Run casing
Break circulation with Air mud
Run 5 BBHs HZF ahead start mixing
head 2605X 65/35+6% + 3% CC
Tail 1505X class A + 3% RC + 2% Gcl
Release Plug wash 40 on Plug
Displace BBHs 52.25 f-con water
cement did circulate 2nd Plug
at 9:00 PM

DEPTH OF JOB 860

PUMP TRUCK CHARGE 2213.75

EXTRA FOOTAGE @

MILEAGE Hum 55 @ 7.70 423.50

MANIFOLD @ 275.00 275.00

Hum 55 @ 4.40 242.00

@

CHARGE TO: Special Energy Corp.

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 7,271.39
Disc 29% 2108.70

PLUG & FLOAT EQUIPMENT

5 8 1/2 cent. 25-0 @ 75.00 375.00

1 Rubber Plug @ 131.00 131.00

1 Air Wash Bottle @ 320.00 320.00

@

@

TOTAL 826.00
Disc 29% 239.64

SALES TAX (If Any) _____

TOTAL CHARGES 17,887.69

DISCOUNT 29% 5,013.43 IF PAID IN 30 DAYS

12,274.26

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 George Utley

SIGNATURE George Utley

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. # 20-8651475

063967

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

SERVICE POINT:

Great Bend

DATE <i>16-19-14</i>	SEC <i>25</i>	TWP. <i>26s</i>	RANGE <i>21w</i>	CALLED OUT	ON LOCATION <i>2pm</i>	JOB START <i>5pm</i>	JOB FINISH <i>6pm</i>
EASE <i>(Dillon's)</i>		WELL # <i>1</i>	LOCATION <i>Offsite - 400 to 132nd</i>			COUNTY <i>Ford</i>	STATE <i>KS</i>
OLD OR NEW (Circle one)							

CONTRACTOR <i>H2 #4</i>		OWNER
TYPE OF JOB <i>Rotary plug</i>		
HOLE SIZE <i>7 7/8</i>	T.D.	CEMENT
CASING SIZE	DEPTH	AMOUNT ORDERED <i>210 sx 60/40 4 bagel</i>
PIPE SIZE	DEPTH	<i>1/4 Flt</i>
DRILL PIPE <i>4 1/2</i>	DEPTH <i>1380</i>	
COLL	DEPTH	
RES. MAX	MINIMUM	COMMON @
MEAS. LINE	SHOE JOINT	POZMIX @
CEMENT LEFT IN CSG. <i>AV</i>		GEL @
PERFS.		CHLORIDE @
DISPLACEMENT <i>480</i>		ASC @
EQUIPMENT		<i>60/40 4 bagel 210 sx @ 18.92 3977.40</i>
PUMP TRUCK CEMENTER <i>Josh Wood</i>		<i>5.3# Flt Seal @ 2.92 157.00</i>
<i>366</i> HELPER <i>Brian Long</i>		
BULK TRUCK		
<i>616-170</i> DRIVER <i>Joaquin</i>		
BULK TRUCK		
DRIVER		
		HANDLING <i>225.02 @ 2.42 559.44</i>
		MILEAGE <i>9.41 x 55 x 2.25 1423.26</i>
		TOTAL <i>6117.12</i>

REMARKS:

*On location - rig up - had safety meeting
Run 1 1/2" drill pipe - fill hole
#1 - 1380 - 50sx
#2 - 900 - 50 RH-30sx
#3 - 240 - 40 MH-20
#4 - 60 - 20
plug down *5:45pm*
Rig down*

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<i>2213.75</i>
EXTRA FOOTAGE	@	
MILEAGE <i>HVM 55 @ 7.20</i>		<i>423.00</i>
MANIFOLD	@	
<i>LVM 55 @ 4.40</i>		<i>242.00</i>
	@	
		TOTAL <i>2879.25</i>

CHARGE TO: *Special Energy*
TREET _____
CITY _____ STATE _____ ZIP _____

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 *8996.42*
DISCOUNT *29% 2608.26* IF PAID IN 30 DAYS

PRINTED NAME *George Utley*
SIGNATURE *George Utley* *6387.46*
Thank you!!

Date 10-9-14 District 66 Ticket No. 03967
 Company Special Energy Rig #2 #4
 Lease Collins Well No. 1
 County Ford State KS
 Location offsite 4w 8 to Dead end Field _____
SE 26.5 19E 5 into

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size 4 1/2 Weight 168 Collars Phole
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: Forward
 Amt. 5661 Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time Thicken Time hrs. Type 60/40 4-1/2 gal
24Flo Excess _____

Amt. 710 Sks Yield 6.41 ft³/sk Density 14.25 PPG

TAIL: Pump Time _____ hrs. Type _____ Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 366 - Brian Lang
 Bulk Equip. 610-170 - Joaquin

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____ CEMENTER Josh Isaac

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
<u>2:00 pm</u>						<u>on location - Rig up</u> <u>had safety meeting</u> <u>for 4 1/2 drill pipe</u> <u>fill hole.</u>
<u>4 pm</u>	<u>0</u>				<u>5</u>	<u>#1-1380-505x</u>
<u>4:30</u>	<u>0</u>				<u>5</u>	<u>#2-900-50</u>
<u>4:50</u>	<u>0</u>				<u>5</u>	<u>#3-240-40</u>
<u>5:05</u>	<u>0</u>				<u>3</u>	<u>#4-60-20</u>
<u>5:20</u>	<u>0</u>				<u>3</u>	<u>RH-305x</u>
<u>5:30</u>	<u>0</u>				<u>3</u>	<u>MH-20</u>
<u>5:45</u>						<u>plug down</u> <u>Rig down</u>



DRILL STEM TEST REPORT

Prepared For: **Special Energy Corp.**

P.O. Drawer 369
Stillwater, OK 74076-0369

ATTN: Rod Anderson

Collins #1

28-26s-21w Ford,KS

Start Date: 2014.10.15 @ 04:46:41

End Date: 2014.10.15 @ 13:19:26

Job Ticket #: 59912 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.10.20 @ 08:58:41



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Special Energy Corp.
 P.O. Drawer 369
 Stillwater, OK 74076-0369
 ATTN: Rod Anderson

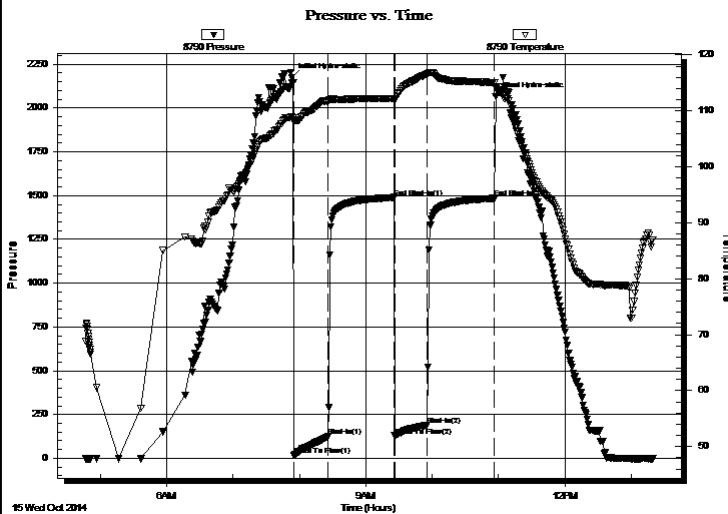
28-26s-21w Ford,KS
Collins #1
 Job Ticket: 59912 **DST#: 1**
 Test Start: 2014.10.15 @ 04:46:41

GENERAL INFORMATION:

Formation: **LKC G**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 07:55:11
 Time Test Ended: 13:19:26
 Interval: **4339.00 ft (KB) To 4361.00 ft (KB) (TVD)**
 Total Depth: 4361.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ryan Reynolds
 Unit No: 68
 Reference Elevations: 2312.00 ft (KB)
 2302.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8790 **Inside**
 Press@RunDepth: 190.85 psig @ 4344.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.15 End Date: 2014.10.15 Last Calib.: 2014.10.15
 Start Time: 04:46:46 End Time: 13:19:26 Time On Btm: 2014.10.15 @ 07:52:56
 Time Off Btm: 2014.10.15 @ 10:57:26

TEST COMMENT: IF: Weak surf. blow.
 IS: No blow
 FF: No blow
 FS: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2173.74	108.91	Initial Hydro-static
3	17.65	108.04	Open To Flow (1)
33	123.53	111.84	Shut-In(1)
93	1489.20	112.26	End Shut-In(1)
94	128.10	111.90	Open To Flow (2)
123	190.85	116.59	Shut-In(2)
184	1484.57	115.08	End Shut-In(2)
185	2065.10	114.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
340.00	MCW 20%w, 80%w	1.97

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (m ³ /d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Special Energy Corp.
P.O. Drawer 369
Stillwater, OK 74076-0369
ATTN: Rod Anderson

28-26s-21w Ford,KS
Collins #1
Job Ticket: 59912 **DST#: 1**
Test Start: 2014.10.15 @ 04:46:41

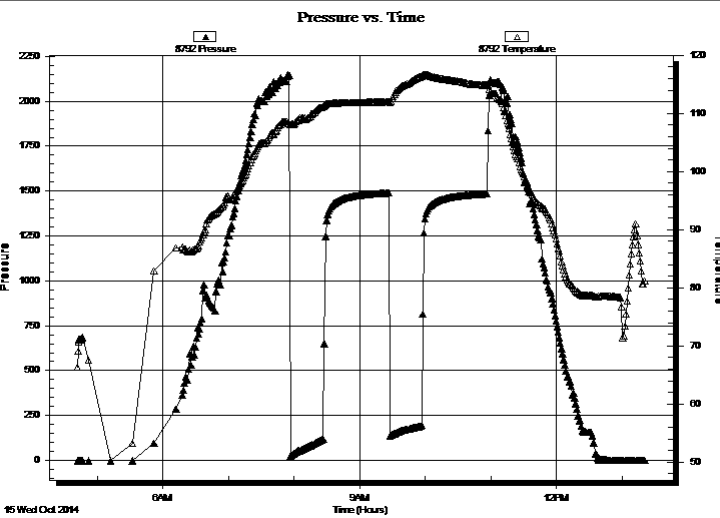
GENERAL INFORMATION:

Formation: **LKC G**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 07:55:11
Time Test Ended: 13:19:26
Interval: 4339.00 ft (KB) To 4361.00 ft (KB) (TVD)
Total Depth: 4361.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Ryan Reynolds
Unit No: 68
Reference Elevations: 2312.00 ft (KB)
2302.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8792 Outside

Press@RunDepth: psig @ 4344.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.10.15 End Date: 2014.10.15 Last Calib.: 2014.10.15
Start Time: 04:42:08 End Time: 13:21:03 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Weak surf. blow .
IS: No blow
FF: No blow
FS: No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
340.00	MCW 20%m, 80%w	1.97

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (m ³ /d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Special Energy Corp.

28-26s-21w Ford,KS

P.O. Drawer 369
Stillwater, OK 74076-0369

Collins #1

Job Ticket: 59912

DST#: 1

ATTN: Rod Anderson

Test Start: 2014.10.15 @ 04:46:41

Tool Information

Drill Pipe:	Length: 4016.00 ft	Diameter: 3.80 inches	Volume: 56.33 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 307.00 ft	Diameter: 2.25 inches	Volume: 1.51 bbl	Weight to Pull Loose: 67000.00 lb
			<u>Total Volume: 57.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4339.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			4317.00	
Shut In Tool	5.00			4322.00	
Hydraulic tool	5.00			4327.00	
Jars	5.00			4332.00	
Safety Joint	2.00			4334.00	
Packer	5.00			4339.00	23.00 Bottom Of Top Packer
Packer - Shale	4.00			4343.00	
Stubb	1.00			4344.00	
Recorder	0.00	8790	Inside	4344.00	
Recorder	0.00	8792	Outside	4344.00	
Perforations	18.00			4362.00	
Bullnose	3.00			4365.00	26.00 Anchor Tool

Total Tool Length: 49.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Special Energy Corp.

28-26s-21w Ford,KS

P.O. Drawer 369
Stillwater, OK 74076-0369

Collins #1

Job Ticket: 59912

DST#: 1

ATTN: Rod Anderson

Test Start: 2014.10.15 @ 04:46:41

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:

66000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 0.04 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
340.00	MCW 20%m, 80%w	1.973

Total Length: 340.00 ft Total Volume: 1.973 bbl

Num Fluid Samples: 0

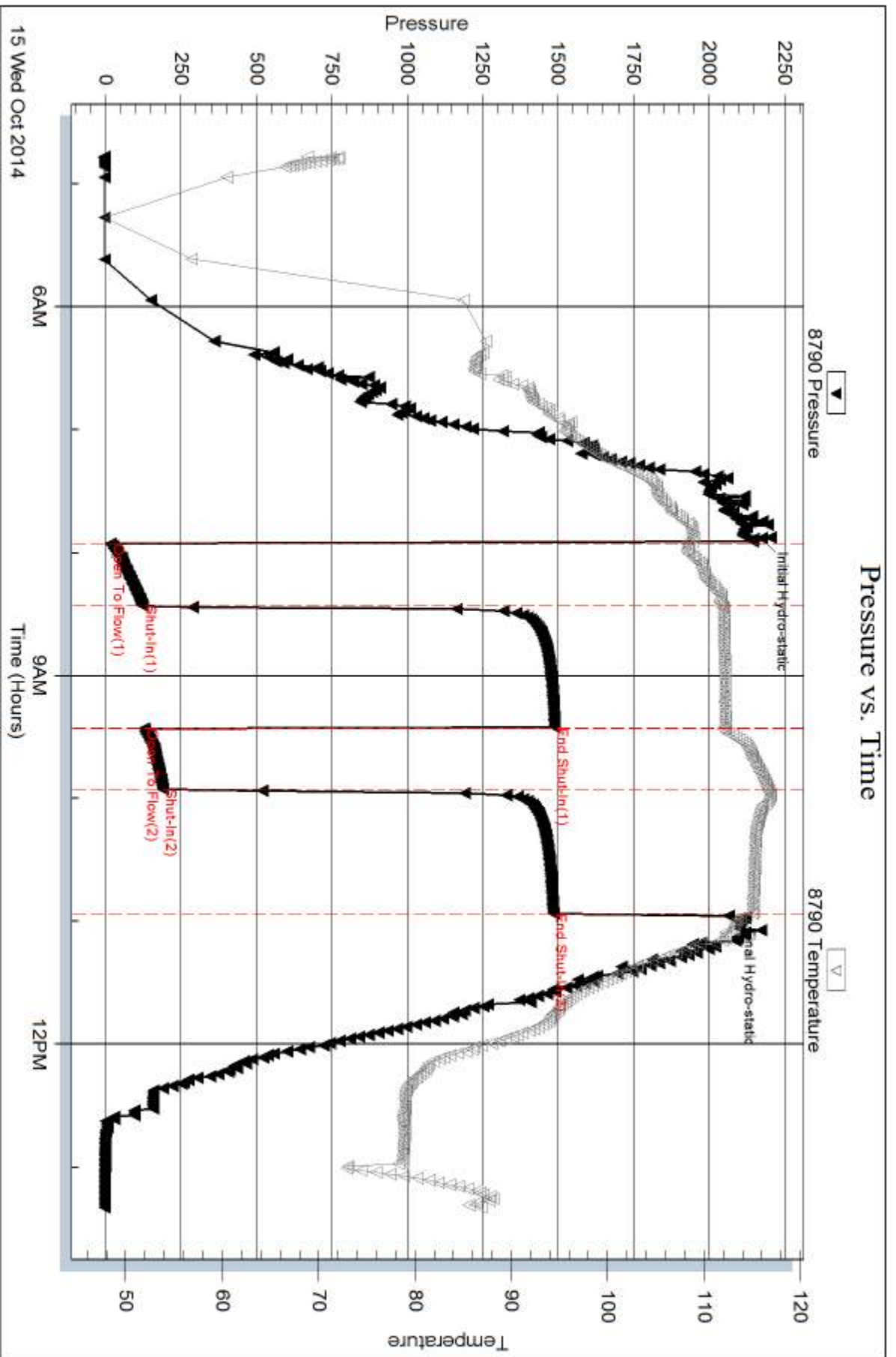
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

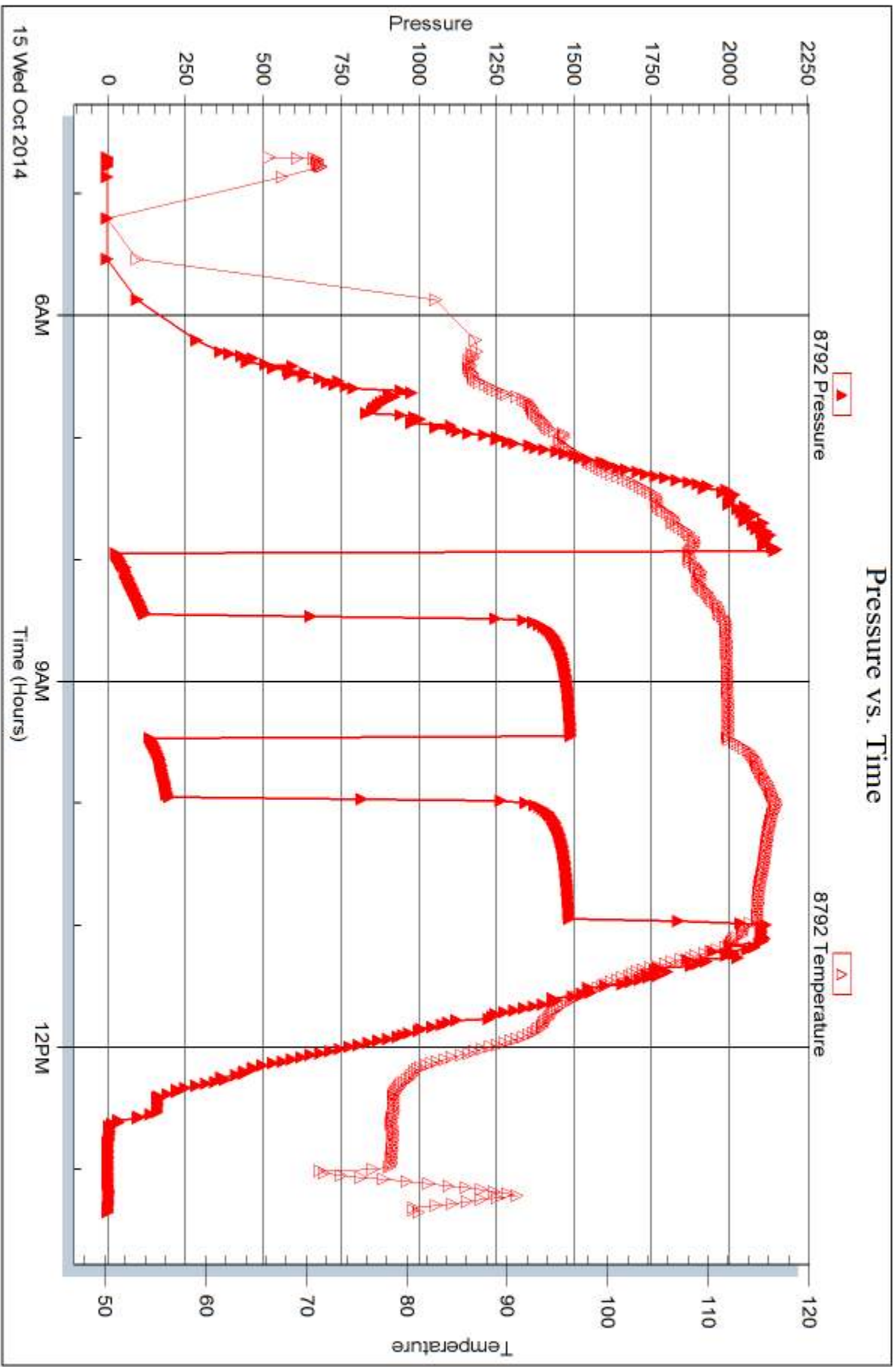


Serial #: 8792

Outside Special Energy Corp.

Collins #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 59912

Printed: 2014, 10, 20 @ 08:58:42



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Special Energy Corp.
 P.O. Drawer 369
 Stillwater, OK 74076-0369
 ATTN: Rod Anderson

28-26s-21w. Ford Co., KS
Collins #1
 Job Ticket: 59913 **DST#:2**
 Test Start: 2014.10.17 @ 02:42:08

GENERAL INFORMATION:

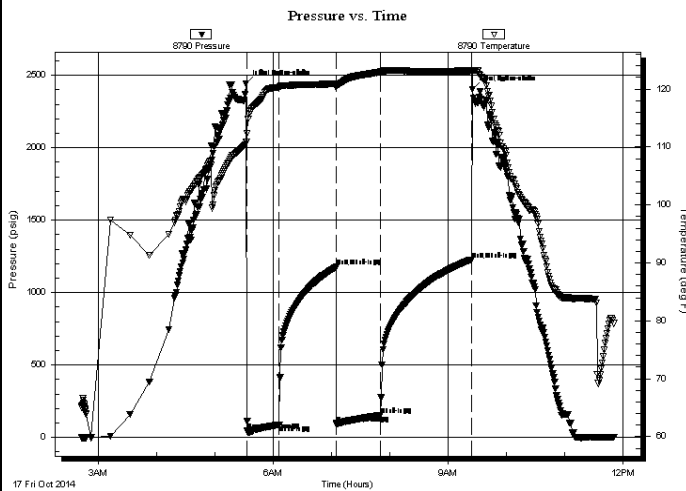
Formation: **Miss.**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 05:32:38
 Time Test Ended: 11:51:23
 Interval: **4792.00 ft (KB) To 4823.00 ft (KB) (TVD)**
 Total Depth: 4823.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Reynolds
 Unit No: 68
 Reference Elevations: 2312.00 ft (KB)
 2302.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8790

Inside

Press@RunDepth: 151.91 psig @ 4793.00 ft (KB)
 Start Date: 2014.10.17 End Date: 2014.10.17
 Start Time: 02:42:08 End Time: 11:51:23
 Capacity: 8000.00 psig
 Last Calib.: 2014.10.17
 Time On Btm: 2014.10.17 @ 05:31:53
 Time Off Btm: 2014.10.17 @ 09:25:08

TEST COMMENT: IF: Fair blow. surf. - 4"
 ISI: No blow
 FF: Weak blow. surf. - 2"
 FSI: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2442.59	110.79	Initial Hydro-static
1	46.37	110.85	Open To Flow(1)
34	88.51	120.29	Shut-In(1)
93	1176.60	120.93	End Shut-In(1)
94	92.03	120.63	Open To Flow(2)
139	151.91	122.91	Shut-In(2)
232	1225.25	123.17	End Shut-In(2)
234	2404.37	123.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	MCW 40%m, 60%w	0.74
120.00	MCW 10%m, 90%w	0.59

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)

* Recovery from multiple tests

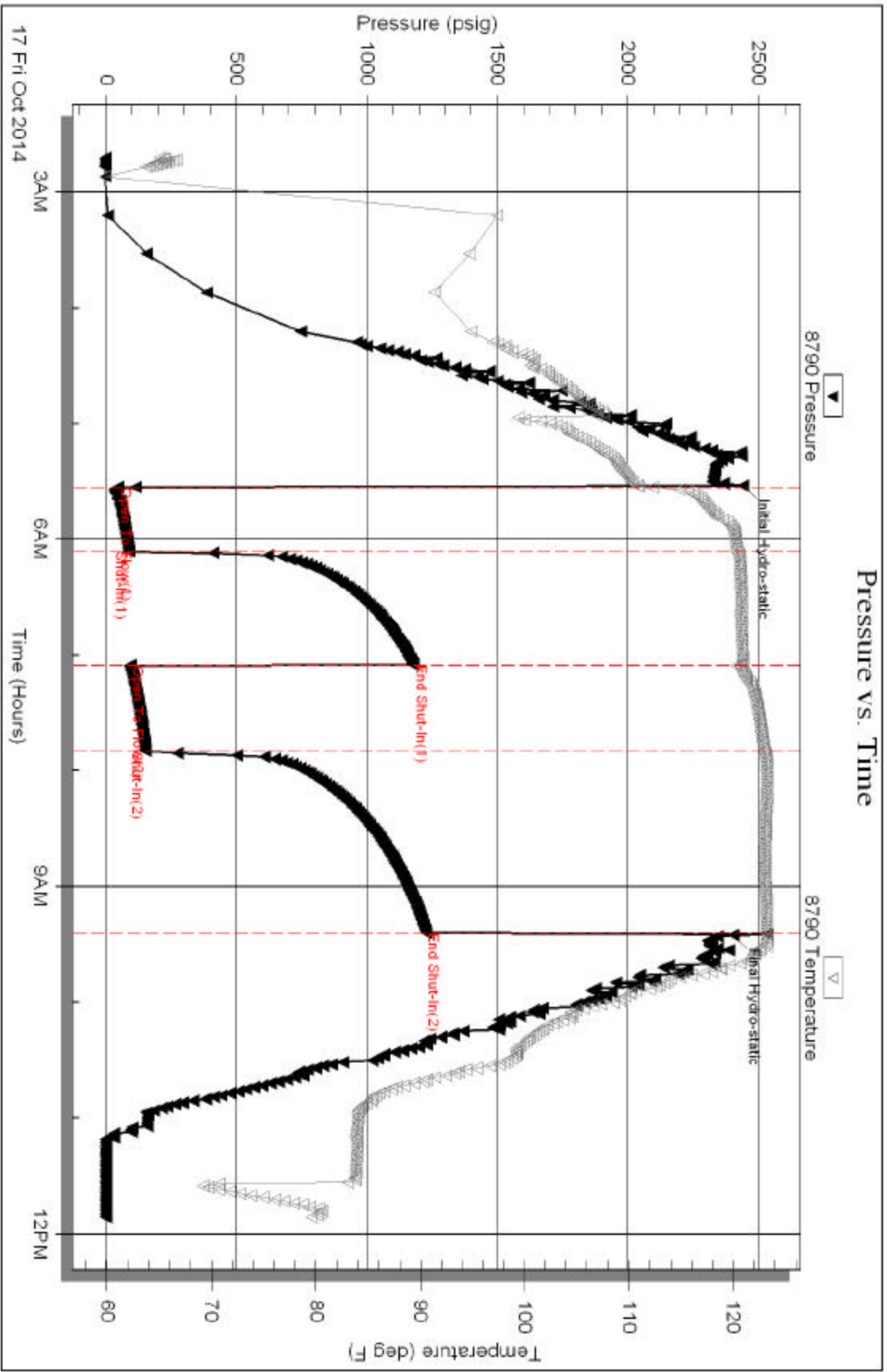
Serial #: 8790

Inside

Special Energy Corp.

Collins #1

DST Test Number: 2



Trickle Testing, Inc

Ref. No.: 59913

Printed: 2014.10.17 @ 12:14:50