



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1226663
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: _____

1226663

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			
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)*

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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ALLIED OIL & GAS SERVICES, LLC 064198

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Jolly 14

DATE <u>1/16/14</u>	SEC. <u>15</u>	TWP. <u>11</u>	RANGE <u>25</u>	CALLED OUT	ON LOCATION	JOB START <u>10:30A</u>	JOB FINISH <u>11:30P</u>
LEASE <u>Wadley A</u>	WELL# <u>1-15</u>	LOCATION <u>Collier E To 140 Ave 4.800</u>			COUNTY <u>King</u>	STATE <u>Ky</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Marvin 16

TYPE OF JOB RTA

HOLE SIZE 5 7/8 T.D.

CASING SIZE 8 3/8 DEPTH 218

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH

PRES. MAX DEPTH

MEAS. LINE MINIMUM

CEMENT LEFT IN CSG. SHOE JOINT

PERFS.

DISPLACEMENT

OWNER Stone

CEMENT AMOUNT ORDERED 255 AW 00/40 940

2.14 F40

EQUIPMENT

PUMP TRUCK CEMENTER Al Ruan

423-281 HELPER Kevin Ruan

BULK TRUCK DRIVER George Grant

812

BULK TRUCK DRIVER

#

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

AW 00/40 940 255 @ 18.22 = 8424.00

Flored 64 lb @ 2.22 = 190.08

Material Total 8614.08

(172293/200)

HANDLING 223.00 @ 2.44 679.22

MILEAGE 25 700/mile 11.46 286.50

TOTAL

REMARKS:

50 5/8 @ 2.00'

100 5/8 @ 1.165'

50 5/8 @ 2.22'

10 3/8 @ 4.0'

30 5/8 - RH

15 5/8 - MH

SERVICE

DEPTH OF JOB 2080'

PUMP TRUCK CHARGE 2483.59

EXTRA FOOTAGE @

MILEAGE 50 @ 7.20 360.00

MANIFOLD @

Waterhead 50 @ 4.40 220.00

(1068.11/200)

TOTAL 5313.56

CHARGE TO: Cobalt

STREET

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.

PRINTED NAME A.F.D.

SIGNATURE [Signature]

SALES TAX (If Any)

TOTAL CHARGES 13,958.24

DISCOUNT 2,891.64 (20%) IF PAID IN 30 DAYS

11,066.59 Net.

ALLIED OIL & GAS SERVICES, LLC 064193

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Ogalla K1

DATE <u>9/8/14</u>	SEC <u>15</u>	TWP. <u>11</u>	RANGE <u>25</u>	CALLED OUT	ON LOCATION <u>4:30</u>	JOB START <u>9:30</u>	JOB FINISH <u>5:00pm</u>
LEASE <u>Wells A</u>	WELL# <u>1-15</u>	LOCATION <u>Calliper E to Rd</u>	COUNTY <u>Trego</u>		STATE <u>KS</u>		
OLD OR NEW (Circle one)			<u>4.8 mile N W into</u>				

CONTRACTOR Marlin 16

TYPE OF JOB Smart Pipe

HOLE SIZE 12 1/4 T.D. 220'

CASING SIZE 8 5/8 DEPTH 218'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 12.93

OWNER Same

CEMENT AMOUNT ORDERED 160 @ 390 cc
270 gal

COMMON 160 @ 12.90 2064.00

POZMIX @

GEL 301 @ 1.50 451.50

CHLORIDE 451 @ 1.10 496.10

ASC @

Material Total @ 3310.60

(3310.60 / 30%) @

(1,053.18/30%) @

HANDLING @ 1230 @ 2.48 429.24

MILEAGE 2270 @ 2.00 4540.00

TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER Alan Ryan

421-281 HELPER Kevin Ryan

BULK TRUCK

223 DRIVER Corey Brown

BULK TRUCK

DRIVER

REMARKS:

Rin. Coy, Circulate, Mix Cement

Displace Cement, 5 hrs in

Cement Aid Circulate

in Calliper

Thank you Alan, Kevin, Corey

CHARGE TO: Cobalt

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 1512.25

EXTRA FOOTAGE @

MILEAGE 50 @ 7.20 360.00

MANIFOLD att end @ 4.40 220.00

Drivables 50 @

(1562.77/30%) TOTAL 3,906.99

(1,172.10/30%)

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.

PRINTED NAME AFD

SIGNATURE Ag [Signature]

SALES TAX (If Any)

TOTAL CHARGES 7,417.59

DISCOUNT 1,493.51/20% IF PAID IN 30 DAYS \$2,225.28 (30%)

5,924.07 net \$5,192.31 Net



DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy, LLC**

PO Box 8037
Wichita, KS 67208

ATTN: Corey Baker/Nicholas

Wesley "A" #1-15

15-11s-25w Trego,KS

Start Date: 2014.09.14 @ 14:49:00

End Date: 2014.09.15 @ 00:06:00

Job Ticket #: 58742 DST #: 1

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

Printed: 2014.09.16 @ 13:50:56



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cobalt Energy, LLC

15-11s-25w Trego,KS

PO Box 8037
Wichita, KS 67208

Wesley "A" #1-15

Job Ticket: 58742

DST#: 1

ATTN: Corey Baker/Nicholas

Test Start: 2014.09.14 @ 14:49:00

GENERAL INFORMATION:

Formation: **LKC "C-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:50:00

Time Test Ended: 00:06:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Phillip Gage

Unit No: 58

Interval: 3824.00 ft (KB) To 3850.00 ft (KB) (TVD)

Reference Elevations: 2458.00 ft (KB)

Total Depth: 3850.00 ft (KB) (TVD)

2453.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8679

Inside

Press@RunDepth: 755.91 psig @ 3825.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.14

End Date:

2014.09.15

Last Calib.:

2014.09.15

Start Time:

14:49:01

End Time:

00:06:00

Time On Btm:

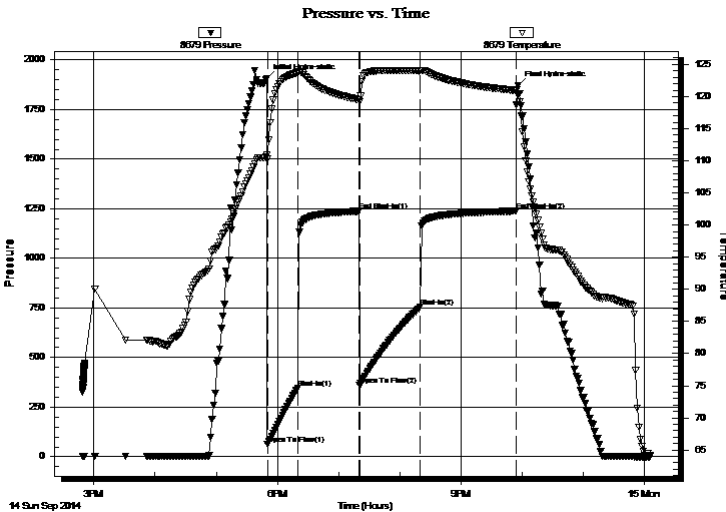
2014.09.14 @ 17:49:30

Time Off Btm:

2014.09.14 @ 21:56:00

TEST COMMENT: 30-IF-BOB in 4 mins.
60-ISI-Weak Surface Blow in 11 mins, died in 40 mins.
60-FF-BOB in 5 mins
90-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1906.02	110.86	Initial Hydro-static
1	64.30	110.22	Open To Flow (1)
31	345.68	123.69	Shut-In(1)
91	1238.04	119.48	End Shut-In(1)
91	362.12	119.18	Open To Flow (2)
151	755.91	123.99	Shut-In(2)
245	1238.24	120.94	End Shut-In(2)
247	1871.62	120.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1323.00	VSMCW, 5%w, 95%w	18.28
229.00	MW, 50%w, 50%w	3.21

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy, LLC

15-11s-25w Trego,KS

PO Box 8037
Wichita, KS 67208

Wesley "A" #1-15

Job Ticket: 58742

DST#: 1

ATTN: Corey Baker/Nicholas

Test Start: 2014.09.14 @ 14:49:00

Tool Information

Drill Pipe:	Length: 3798.00 ft	Diameter: 3.80 inches	Volume: 53.28 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 53.43 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3824.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3798.00	
Shut In Tool	5.00			3803.00	
Hydraulic tool	5.00			3808.00	
Jars	5.00			3813.00	
Safety Joint	2.00			3815.00	
Packer	4.00			3819.00	27.00 Bottom Of Top Packer
Packer	5.00			3824.00	
Stubb	1.00			3825.00	
Recorder	0.00	6625	Outside	3825.00	
Recorder	0.00	8679	Inside	3825.00	
Perforations	21.00			3846.00	
Bullnose	4.00			3850.00	26.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy, LLC

15-11s-25w Trego,KS

PO Box 8037
Wichita, KS 67208

Wesley "A" #1-15

Job Ticket: 58742

DST#: 1

ATTN: Corey Baker/Nicholas

Test Start: 2014.09.14 @ 14:49:00

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:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 0.50 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1323.00	VSMCW, 5% <i>m</i> , 95% <i>w</i>	18.285
229.00	MW, 50% <i>m</i> , 50% <i>w</i>	3.212

Total Length: 1552.00 ft Total Volume: 21.497 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

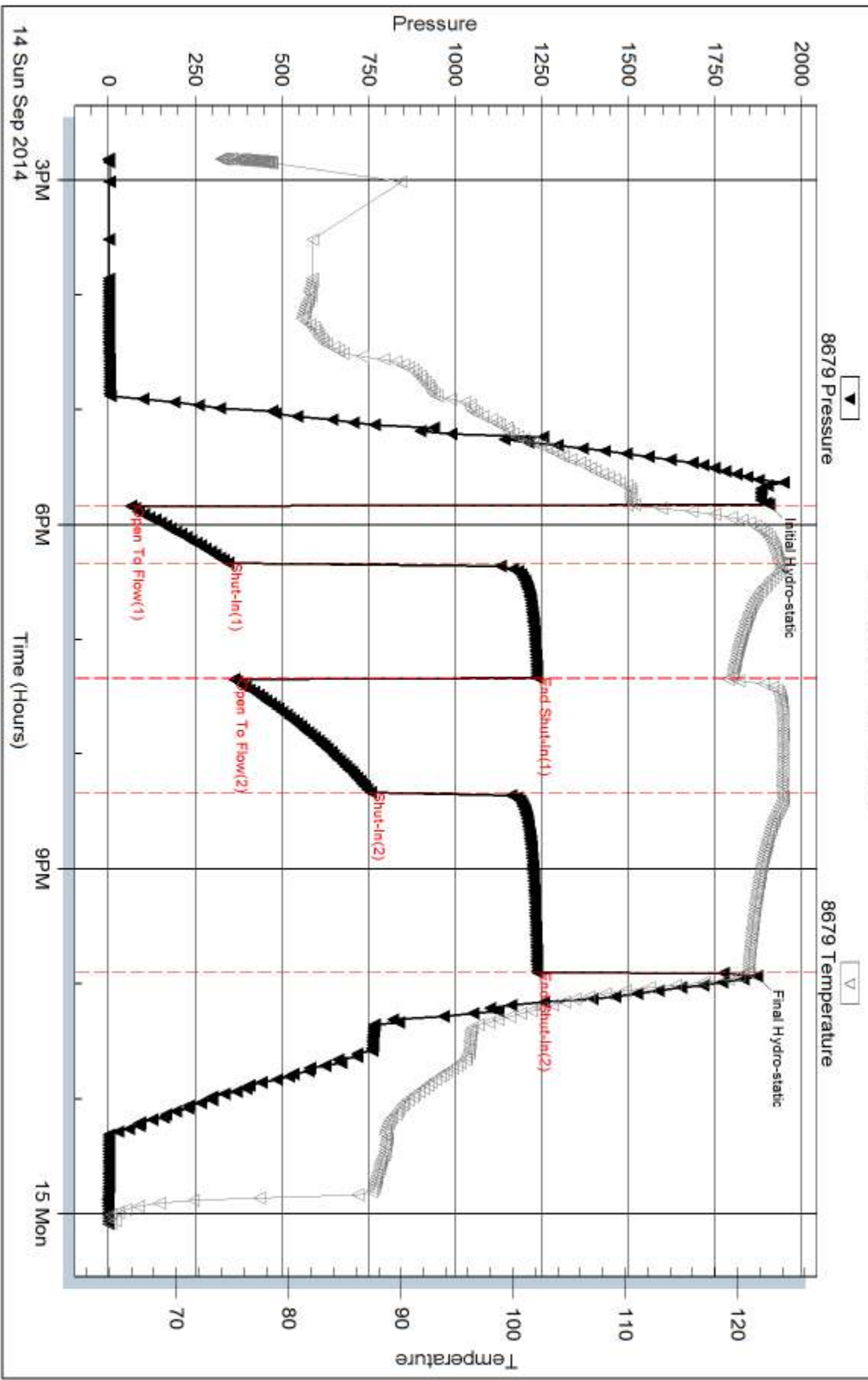
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .08 @ 61 degrees = 49,000 Salinity

Pressure vs. Time

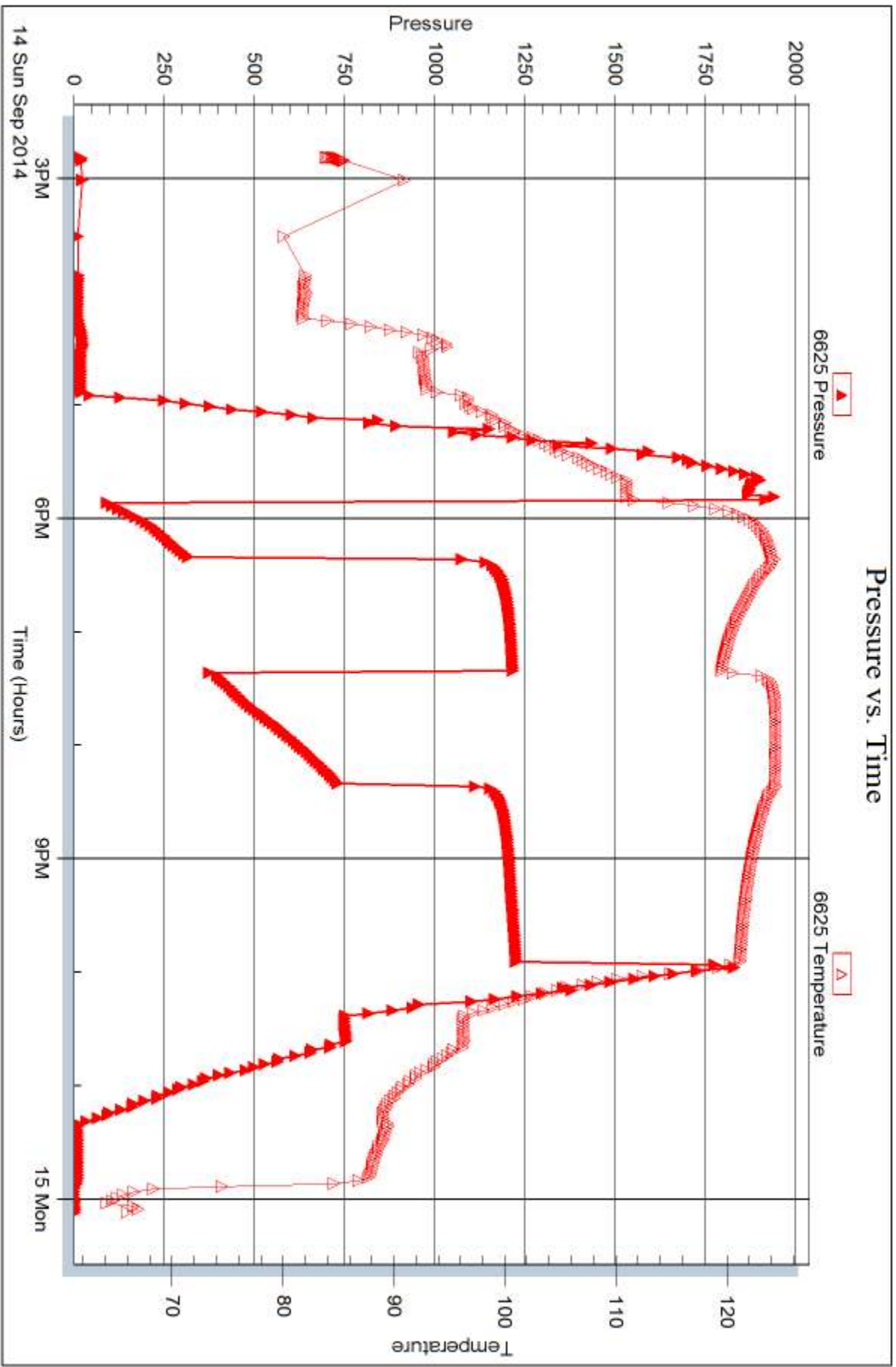


Serial #: 6625

Outside Cobalt Energy, LLC

Wesley "A" #1-15

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 58742

Printed: 2014.09.16 @ 13:50:57



DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy, LLC**

PO Box 8037
Wichita, KS 67208

ATTN: Corey Baker/Nicholas

Wesley "A" #1-15

15-11s-25w Trego,KS

Start Date: 2014.09.15 @ 17:30:00

End Date: 2014.09.15 @ 23:22:00

Job Ticket #: 60531 DST #: 2

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

Printed: 2014.09.16 @ 13:50:25



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cobalt Energy, LLC

15-11s-25w Trego,KS

PO Box 8037
Wichita, KS 67208

Wesley "A" #1-15

Job Ticket: 60531

DST#: 2

ATTN: Corey Baker/Nicholas

Test Start: 2014.09.15 @ 17:30:00

GENERAL INFORMATION:

Formation: **LKC "H-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:54:00

Time Test Ended: 23:22:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 58

Interval: 3934.00 ft (KB) To 4014.00 ft (KB) (TVD)

Reference Elevations: 2458.00 ft (KB)

Total Depth: 4014.00 ft (KB) (TVD)

2453.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8679

Inside

Press@RunDepth: 68.10 psig @ 4002.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.15

End Date:

2014.09.15

Last Calib.:

2014.09.15

Start Time: 17:30:01

End Time:

23:22:00

Time On Btm:

2014.09.15 @ 18:52:30

Time Off Btm:

2014.09.15 @ 21:34:30

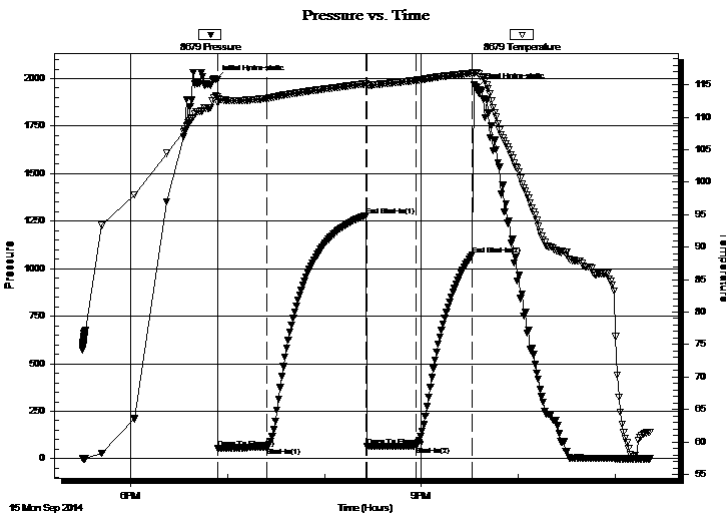
TEST COMMENT: I.F. - 30 - Weak blow built to 3/4"

I.S.I. - 60 - No blow back

F.F. - 30 - No blow

F.S.I. - 30 - No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1995.77	113.27	Initial Hydro-static
2	55.73	112.28	Open To Flow (1)
32	60.42	112.91	Shut-In(1)
93	1279.24	115.15	End Shut-In(1)
94	63.88	114.86	Open To Flow (2)
124	68.10	115.68	Shut-In(2)
159	1073.91	116.80	End Shut-In(2)
162	1953.78	116.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	W,M, 20%W 80%M	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy, LLC

15-11s-25w Trego,KS

PO Box 8037
Wichita, KS 67208

Wesley "A" #1-15

Job Ticket: 60531

DST#: 2

ATTN: Corey Baker/Nicholas

Test Start: 2014.09.15 @ 17:30:00

Tool Information

Drill Pipe:	Length: 3891.00 ft	Diameter: 3.80 inches	Volume: 54.58 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 54.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3934.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	107.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3908.00	
Shut In Tool	5.00			3913.00	
Hydraulic tool	5.00			3918.00	
Jars	5.00			3923.00	
Safety Joint	2.00			3925.00	
Packer	4.00			3929.00	27.00 Bottom Of Top Packer
Packer	5.00			3934.00	
Stubb	1.00			3935.00	
Perforations	2.00			3937.00	
Change Over Sub	1.00			3938.00	
Drill Pipe	63.00			4001.00	
Change Over Sub	1.00			4002.00	
Recorder	0.00	6625	Outside	4002.00	
Recorder	0.00	8679	Inside	4002.00	
Perforations	8.00			4010.00	
Bullnose	4.00			4014.00	80.00 Bottom Packers & Anchor
Total Tool Length:	107.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy, LLC

15-11s-25w Trego,KS

PO Box 8037
Wichita, KS 67208

Wesley "A" #1-15

Job Ticket: 60531

DST#: 2

ATTN: Corey Baker/Nicholas

Test Start: 2014.09.15 @ 17:30:00

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:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 0.50 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	W,M, 20%W 80%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

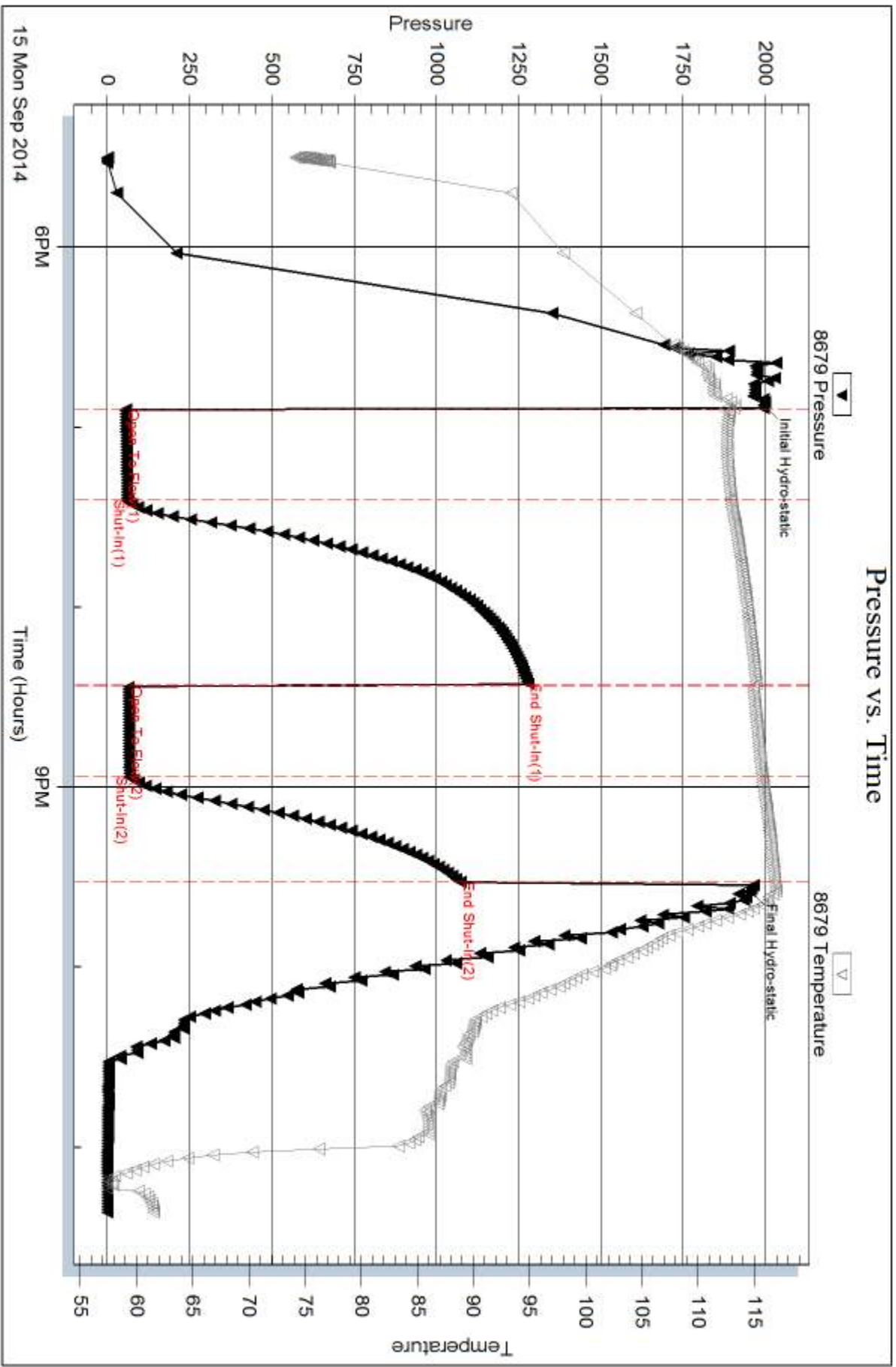
Serial #: 8679

Inside

Cobalt Energy, LLC

Wesley "A" #1-15

DST Test Number: 2

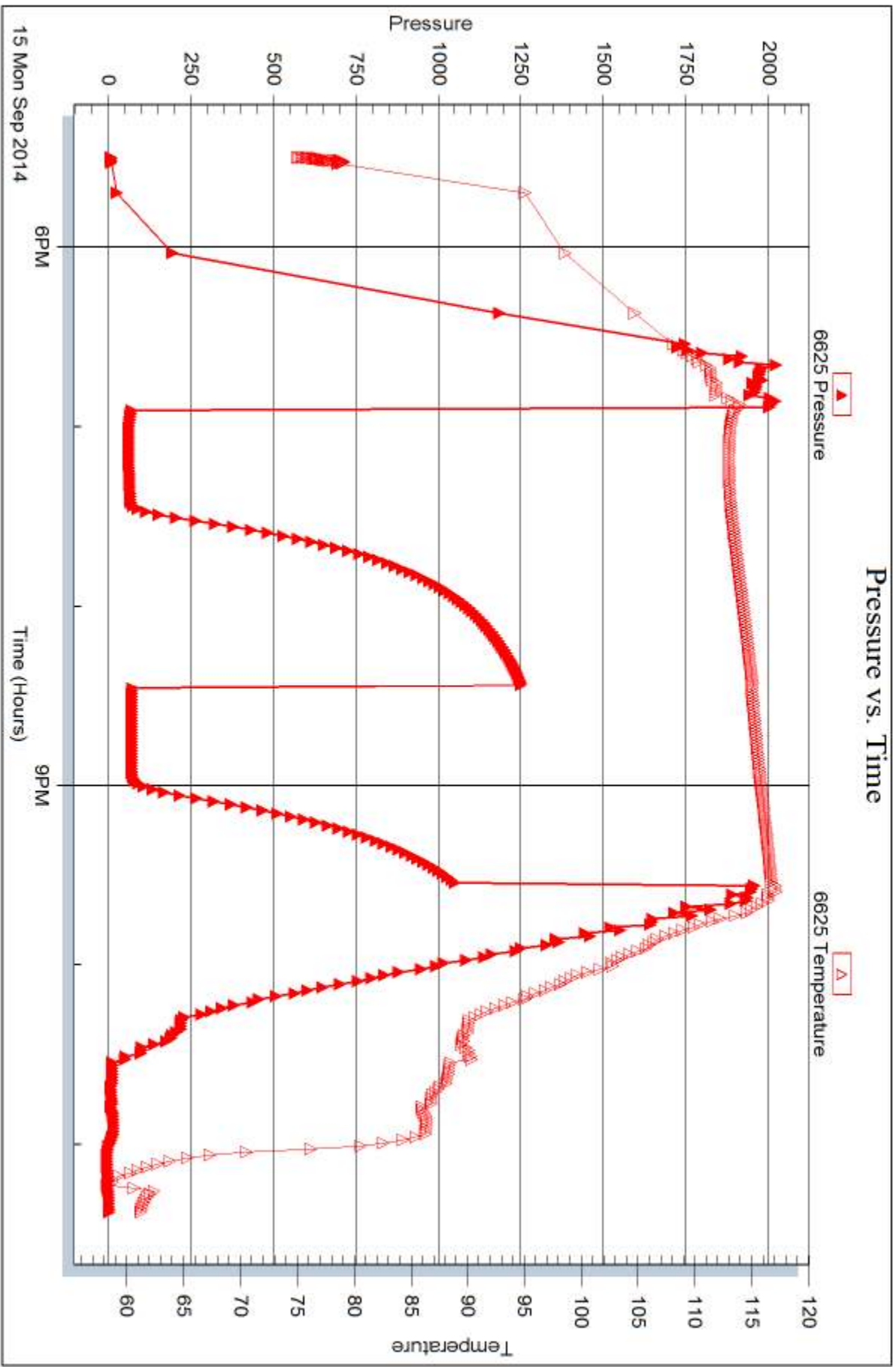


Serial #: 6625

Outside Cobalt Energy, LLC

Wesley "A" #1-15

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58742

4/10

Well Name & No. Wesley "A" #1-15 Test No. 1 Date 9-14-14
 Company Cobalt Energy LLC Elevation 2458 KB 2453 GL
 Address 1155, Belmont #12 P.O. Box 8037 Wichita, KS 67208
 Co. Rep / Geo. Corey Baker / Nicholas Hess Rig Martin 16
 Location: Sec. 15 Twp. 11s Rge. 25w Co. Trego State KS

Interval Tested 3824-3850 Zone Tested LKC "C-D"
 Anchor Length 26' Drill Pipe Run 3798 Mud Wt. 9.4
 Top Packer Depth 3819 Drill Collars Run 30 Vis 54
 Bottom Packer Depth 3824 Wt. Pipe Run 0 WL 7.0
 Total Depth 3850 Chlorides 1,900 ppm System LCM 1/2#

Blow Description IF BOB in 4 mths
ISI Weak Surface Blow @ 11 mths, died in 40 mths.
FF BOB in 5 mths
FSI No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>1323'</u>	<u>VSOMCW</u>			<u>95%</u>	<u>5%</u>
<u>229'</u>	<u>MW</u>			<u>50%</u>	<u>50%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1552' BHT 120 Gravity — API RW .08 @ 61 °F Chlorides 49,000 ppm

(A) Initial Hydrostatic 1906 Test 1150 T-On Location 14.15
 (B) First Initial Flow 64 Jars 250 T-Started 14.49
 (C) First Final Flow 345 Safety Joint 75 T-Open 17.51
 (D) Initial Shut-In 1,238 Circ Sub _____ T-Pulled 21.51
 (E) Second Initial Flow 362 Hourly Standby _____ T-Out 00.08
 (F) Second Final Flow 755 Mileage 108 RT 167.40 Comments _____
 (G) Final Shut-In 1,238 Sampler _____
 (H) Final Hydrostatic 1,871 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 60 Day Standby _____ Total 1642.40
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 1642.40

Approved By _____ Our Representative Phil Gray Thank You
 Trilobite Testing Inc. shall not be liable for damaged or 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. 60531

4/10

Well Name & No. Wesley "A" #1-15 Test No. 2 Date 9-15-14
 Company Cobalt Energy Elevation 2458 KB 2453 GL
 Address P.O. Box 8037 Wichita KS, 67208
 Co. Rep / Geo. Corey Baker / Nicholas D. Hess Rig Murfin #16
 Location: Sec. 15 Twp. 11 S. Rge. 25 W Co. rego State KS.

Interval Tested 3934 - 4014 Zone Tested A.H.C. "H-H"
 Anchor Length 80' Drill Pipe Run 3891 Mud Wt. 9.4
 Top Packer Depth 3929 Drill Collars Run 31' Vis 58
 Bottom Packer Depth 3934 Wt. Pipe Run — WL 7.6
 Total Depth 4014 Chlorides 2,400 ppm System LCM Trace

Blow Description I.F.-30-1/4" Int. Blow Built to (3/4" in 30 min.)
Z.S.I.-60-No B.B
E.F.-30-No Blow
F.S.I.-30-No B.B

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>W, M</u>			<u>20</u>	<u>80</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 117 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>1996</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>16:45:00</u>
(B) First Initial Flow <u>56</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>17:30:00</u>
(C) First Final Flow <u>60</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>19:05:00</u>
(D) Initial Shut-In <u>1279</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>21:35:00</u>
(E) Second Initial Flow <u>64</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>23:22:00</u>
(F) Second Final Flow <u>68</u>	<input checked="" type="checkbox"/> Mileage <u>108 / R.T.</u> 167.40	Comments <u>"Thank-you"</u>
(G) Final Shut-In <u>1074</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer
(H) Final Hydrostatic <u>1954</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 30

Sub Total 1642.40

Approved By _____ Our Representative Bob Horn

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