

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	---	------------------------------------

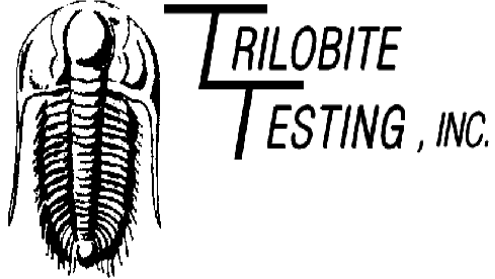
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

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

Form	ACO1 - Well Completion
Operator	Cobalt Energy LLC
Well Name	HOYT "A" 1-36
Doc ID	1418810

Tops

Name	Top	Datum
Anhy	3105	318
topeka	4070	-647
heebner	4239	-816
lansing	4297	-874
stark	4496	-1073
BKC	4575	-1152
Pawnee	4684	-1261
Cherokee	4737	-1314
Miss	4977	-1554



DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy LLC**

115 S. Belmont #12
Wichita, KS 67208

ATTN: Tim Lauer

Hoyt A #1-36

36-5S.-37W Cheyenne,KS

Start Date: 2018.07.31 @ 11:46:00

End Date: 2018.07.31 @ 19:07:00

Job Ticket #: 64195 DST #: 1

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

Printed: 2018.08.01 @ 09:05:57



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Cobalt Energy LLC

36-5S.-37W Cheyenne,KS

115 S. Belmont #12
Wichita,KS 67208

Hoyt A #1-36

Job Ticket: 64195

DST#: 1

ATTN: Tim Lauer

Test Start: 2018.07.31 @ 11:46:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:17:20

Time Test Ended: 19:07:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 82

Interval: 4782.00 ft (KB) To 4820.00 ft (KB) (TVD)

Reference Elevations: 3425.00 ft (KB)

Total Depth: 4820.00 ft (KB) (TVD)

3420.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8959 Inside

Press@RunDepth: 27.19 psig @ 4783.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.07.31

End Date:

2018.07.31

Last Calib.: 2018.07.31

Start Time: 11:46:01

End Time:

19:07:00

Time On Btm: 2018.07.31 @ 14:17:10

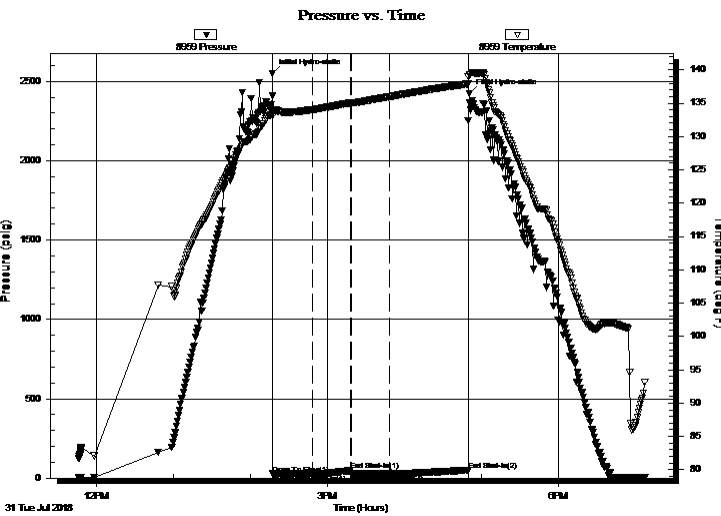
Time Off Btm: 2018.07.31 @ 16:50:30

TEST COMMENT: 30-IF-Surface blow built to 1/4" & died @ 27 mins

30-ISI-No blow

30-FF-No blow

60-FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2550.65	134.01	Initial Hydro-static
1	26.75	133.09	Open To Flow (1)
31	26.08	134.02	Shut-In(1)
61	47.56	135.06	End Shut-In(1)
61	26.79	135.06	Open To Flow (2)
91	27.19	135.96	Shut-In(2)
153	50.64	137.90	End Shut-In(2)
154	2423.90	139.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% Mud	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy LLC

36-5S.-37W Cheyenne,KS

115 S. Belmont #12
Wichita,KS 67208

Hoyt A #1-36

Job Ticket: 64195

DST#: 1

ATTN: Tim Lauer

Test Start: 2018.07.31 @ 11:46:00

Tool Information

Drill Pipe:	Length: 4602.00 ft	Diameter: 3.80 inches	Volume: 64.55 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 275.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 98000.00 lb
			<u>Total Volume: 65.43 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4782.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Pulled tight off bottom

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

Shut In Tool	5.00			4759.00	
Hydraulic tool	5.00			4764.00	
Jars	5.00			4769.00	
Safety Joint	3.00			4772.00	
Packer	5.00			4777.00	28.00 Bottom Of Top Packer
Packer	5.00			4782.00	
Packer - Shale	0.00			4782.00	
Stubb	1.00			4783.00	
Recorder	0.00	8959	Inside	4783.00	
Recorder	0.00	8734	Outside	4783.00	
Perforations	34.00			4817.00	
Bullnose	3.00			4820.00	38.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy LLC

36-5S.-37W Cheyenne,KS

115 S. Belmont #12
Wichita,KS 67208

Hoyt A #1-36

Job Ticket: 64195

DST#: 1

ATTN: Tim Lauer

Test Start: 2018.07.31 @ 11:46:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

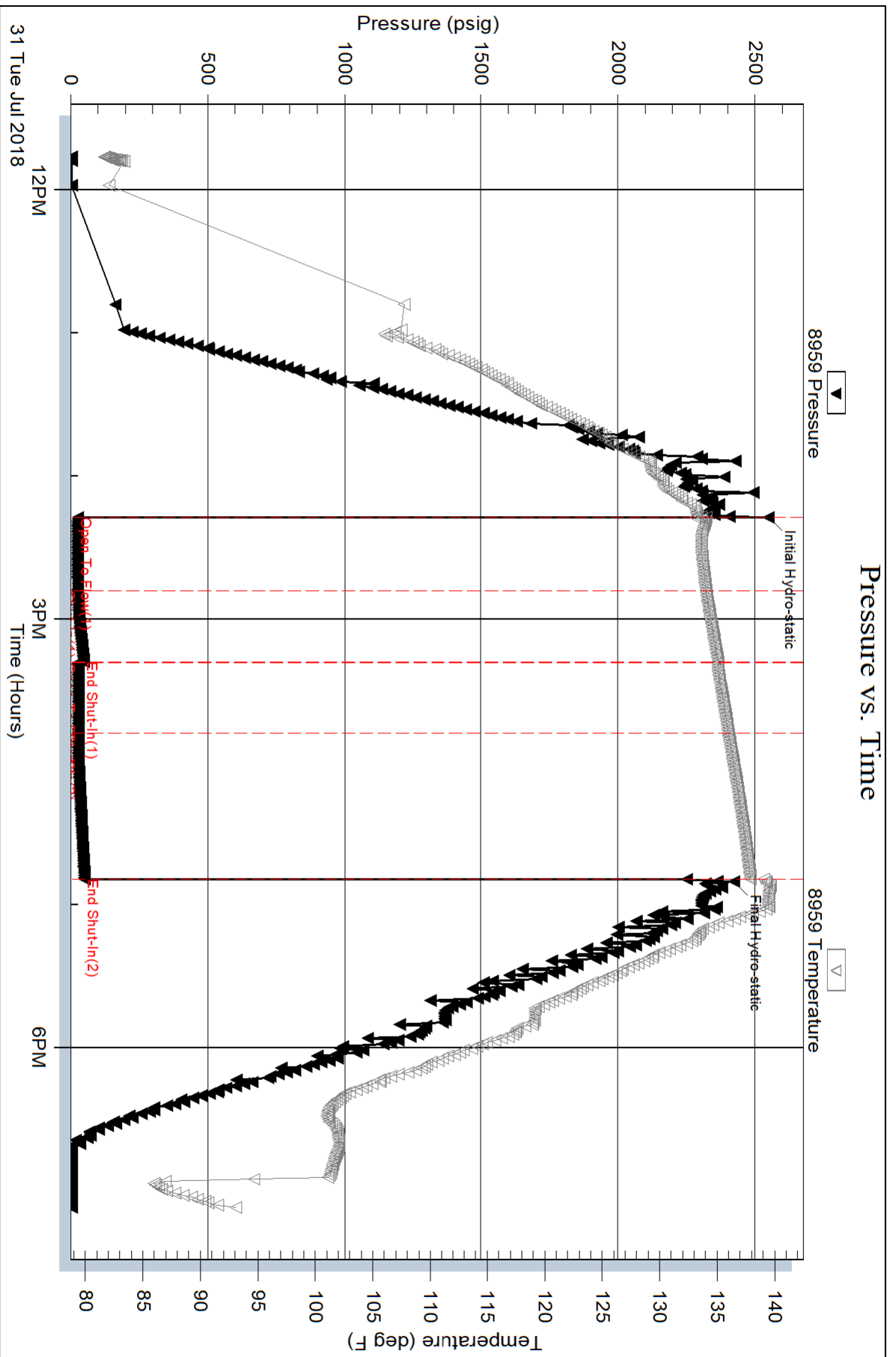
Num Gas Bombs: 0

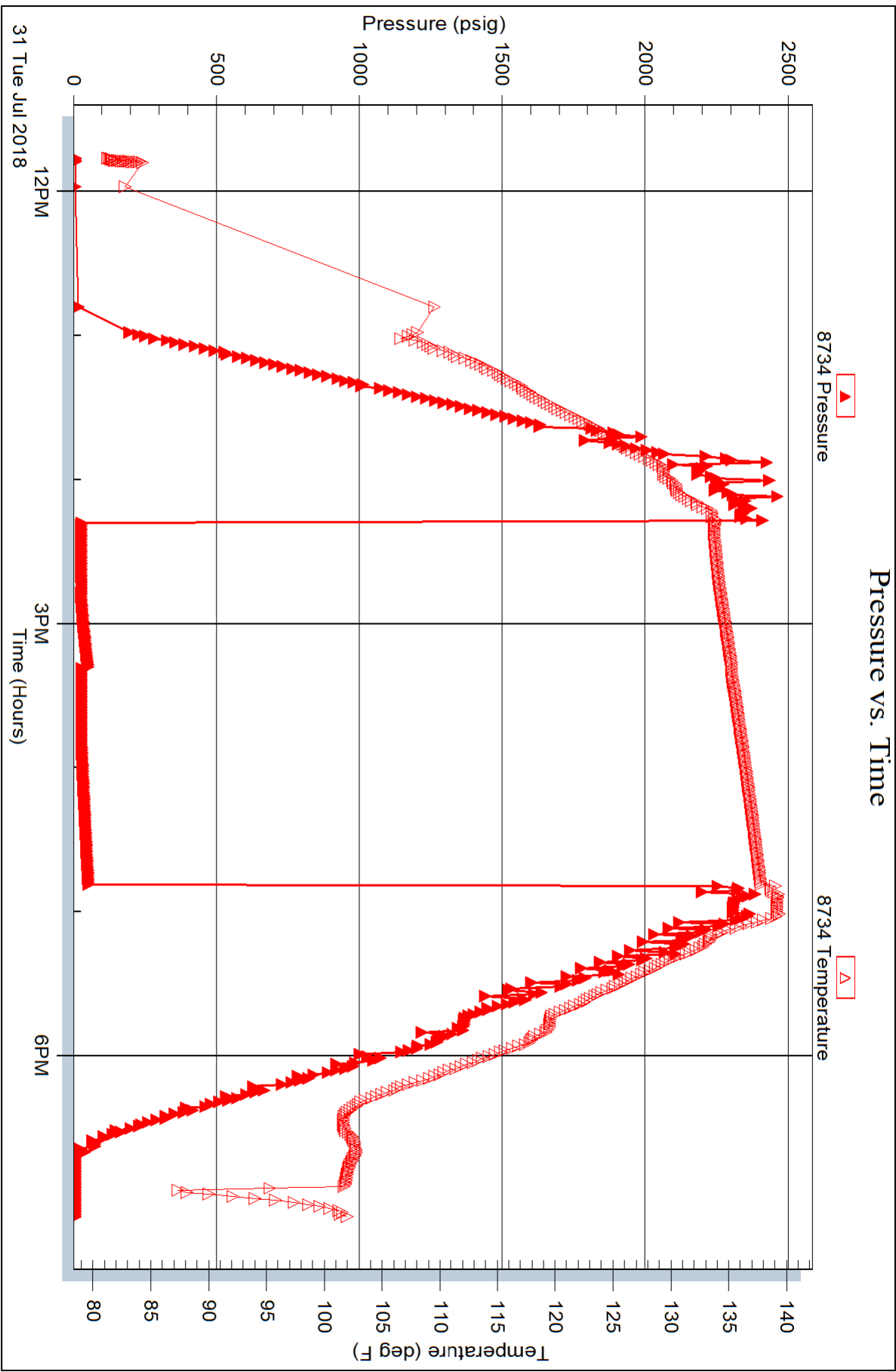
Serial #:

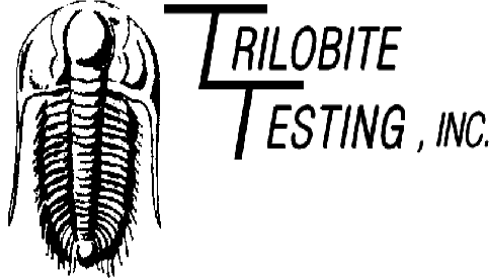
Laboratory Name:

Laboratory Location:

Recovery Comments: Pulled tight off bottom







DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy LLC**

115 S. Belmont #12
Wichita, KS 67208

ATTN: Tim Lauer

Hoyt A #1-36

36-5S.-37W Cheyenne,KS

Start Date: 2018.08.01 @ 19:58:00

End Date: 2018.08.02 @ 05:56:00

Job Ticket #: 64196 DST #: 2

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

Printed: 2018.08.02 @ 11:56:36



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Cobalt Energy LLC

36-5S.-37W Cheyenne,KS

115 S. Belmont #12
Wichita,KS 67208

Hoyt A #1-36

Job Ticket: 64196

DST#: 2

ATTN: Tim Lauer

Test Start: 2018.08.01 @ 19:58:00

GENERAL INFORMATION:

Formation: **First Basal Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:44:30

Time Test Ended: 05:56:00

Test Type: Conventional Straddle (Reset)

Tester: Martine Salinas

Unit No: 69

Interval: 4790.00 ft (KB) To 4838.00 ft (KB) (TVD)

Reference Elevations: 3425.00 ft (KB)

Total Depth: 5060.00 ft (KB) (TVD)

3420.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8959 Outside

Press@RunDepth: 975.16 psig @ 4797.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.08.01

End Date: 2018.08.02

Last Calib.: 2018.08.02

Start Time: 19:58:01

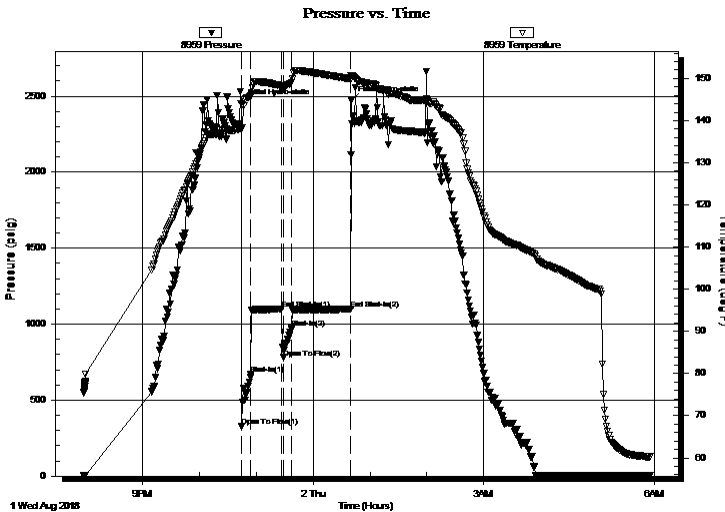
End Time: 05:56:00

Time On Btm: 2018.08.01 @ 22:44:00

Time Off Btm: 2018.08.02 @ 00:40:30

TEST COMMENT: 10-IF-BOB (12 inches) @ 1 1/2 mins (blow increased to 88 1/2")
30-ISI-No blow (blow decreased to 79 1/2")
10-FF-BOB (12 inches) @ 1 min 15 secs (blow increased to 92 ")
60-FSI-No blow (blow decreased to 63 1/4")

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2452.35	138.40	Initial Hydro-static
1	325.49	137.84	Open To Flow (1)
11	668.89	145.87	Shut-In(1)
43	1097.81	148.28	End Shut-In(1)
45	778.72	148.10	Open To Flow (2)
54	975.16	149.07	Shut-In(2)
116	1097.62	149.87	End Shut-In(2)
117	2471.84	150.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1182.00	MSW 4%M, 96%W	14.41
1008.00	HWCM 25%W, 75%M	14.14

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy LLC

36-5S.-37W Cheyenne,KS

115 S. Belmont #12
Wichita,KS 67208

Hoyt A #1-36

Job Ticket: 64196

DST#: 2

ATTN: Tim Lauer

Test Start: 2018.08.01 @ 19:58:00

Tool Information

Drill Pipe:	Length: 4539.00 ft	Diameter: 3.80 inches	Volume: 63.67 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 275.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose:	160000.0 lb
			<u>Total Volume: 64.84 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4790.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	4834.00 ft				
Interval between Packers:	44.00 ft				
Tool Length:	298.00 ft				
Number of Packers:	3	Diameter: 6.75 inches			

Tool Comments:

Tool Description

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

Shut In Tool	5.00			4767.00		
Hydraulic tool	5.00			4772.00		
Jars	5.00			4777.00		
Safety Joint	3.00			4780.00		
Packer	5.00			4785.00	28.00	Bottom Of Top Packer
Packer	5.00			4790.00		
Stubb	1.00			4791.00		
Perforations	5.00			4796.00		
Change Over Sub	1.00			4797.00		
Recorder	0.00	8959	Outside	4797.00		
Recorder	0.00	8734	Outside	4797.00		
Drill Pipe	31.00			4828.00		
Change Over Sub	1.00			4829.00		
Perforations	4.00			4833.00		
Blank Off Sub	1.00			4834.00	44.00	Tool Interval
Packer	4.00			4838.00		
Packer - Shale	0.00			4838.00		
Stubb	1.00			4839.00		
Recorder	0.00	8520	Below	4839.00		
Perforations	29.00			4868.00		
Change Over Sub	1.00			4869.00		
Drill Pipe	187.00			5056.00		
Change Over Sub	1.00			5057.00		
Bullnose	3.00			5060.00	226.00	Bottom Packers & Anchor
Total Tool Length:	298.00					



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy LLC

36-5S.-37W Cheyenne,KS

115 S. Belmont #12
Wichita,KS 67208

Hoyt A #1-36

Job Ticket: 64196

DST#: 2

ATTN: Tim Lauer

Test Start: 2018.08.01 @ 19:58:00

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:

5500 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1182.00	MSW 4%M, 96%W	14.412
1008.00	HWCM 25%W, 75%M	14.140

Total Length: 2190.00 ft Total Volume: 28.552 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

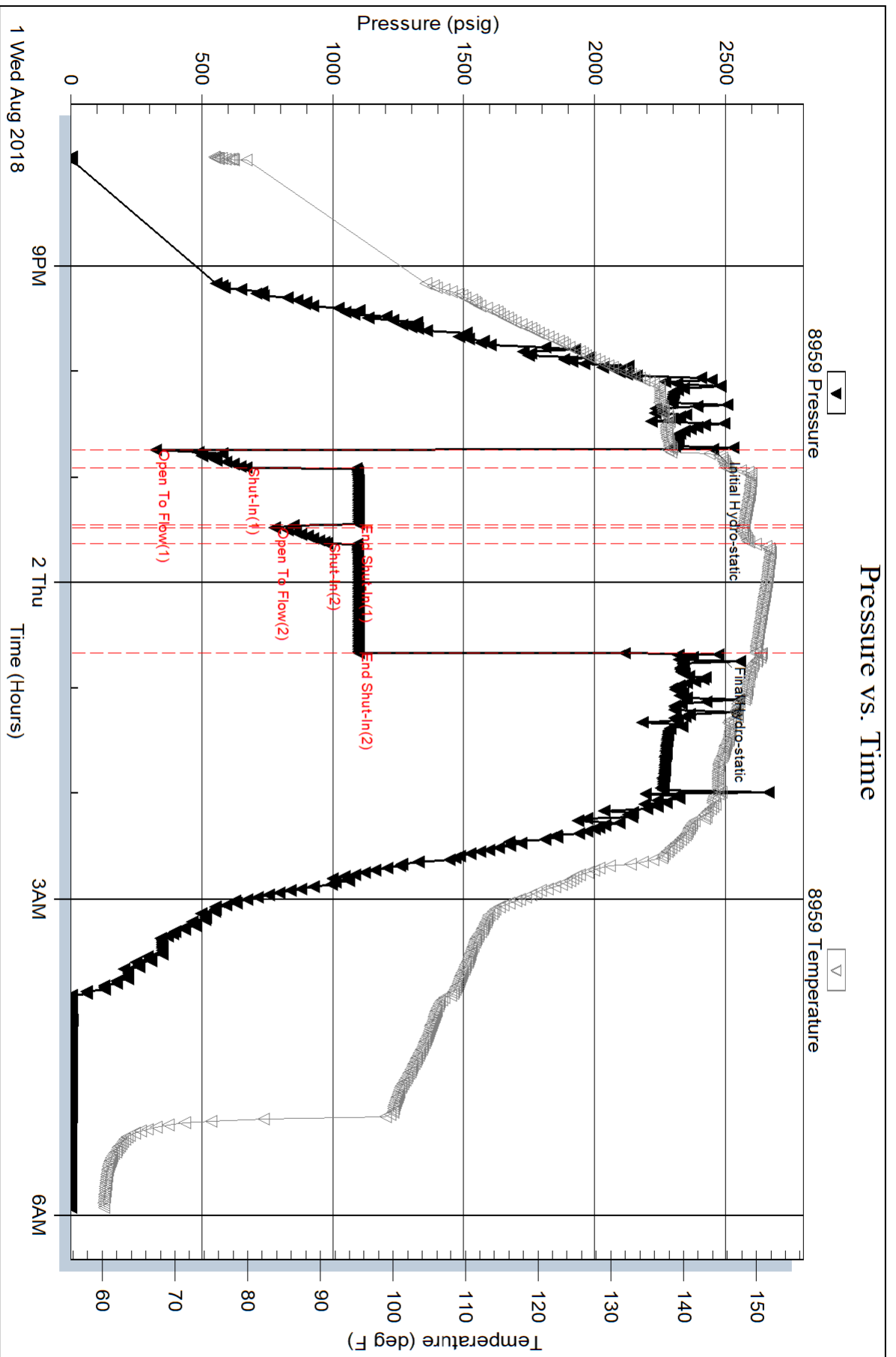
Laboratory Name:

Laboratory Location:

Recovery Comments: RW= 1.22 @ 64 degs = 5500PPM

Pulled tight off bottom 2x string w eight 160K

left straddle packer rubber in the hole, damaged jars

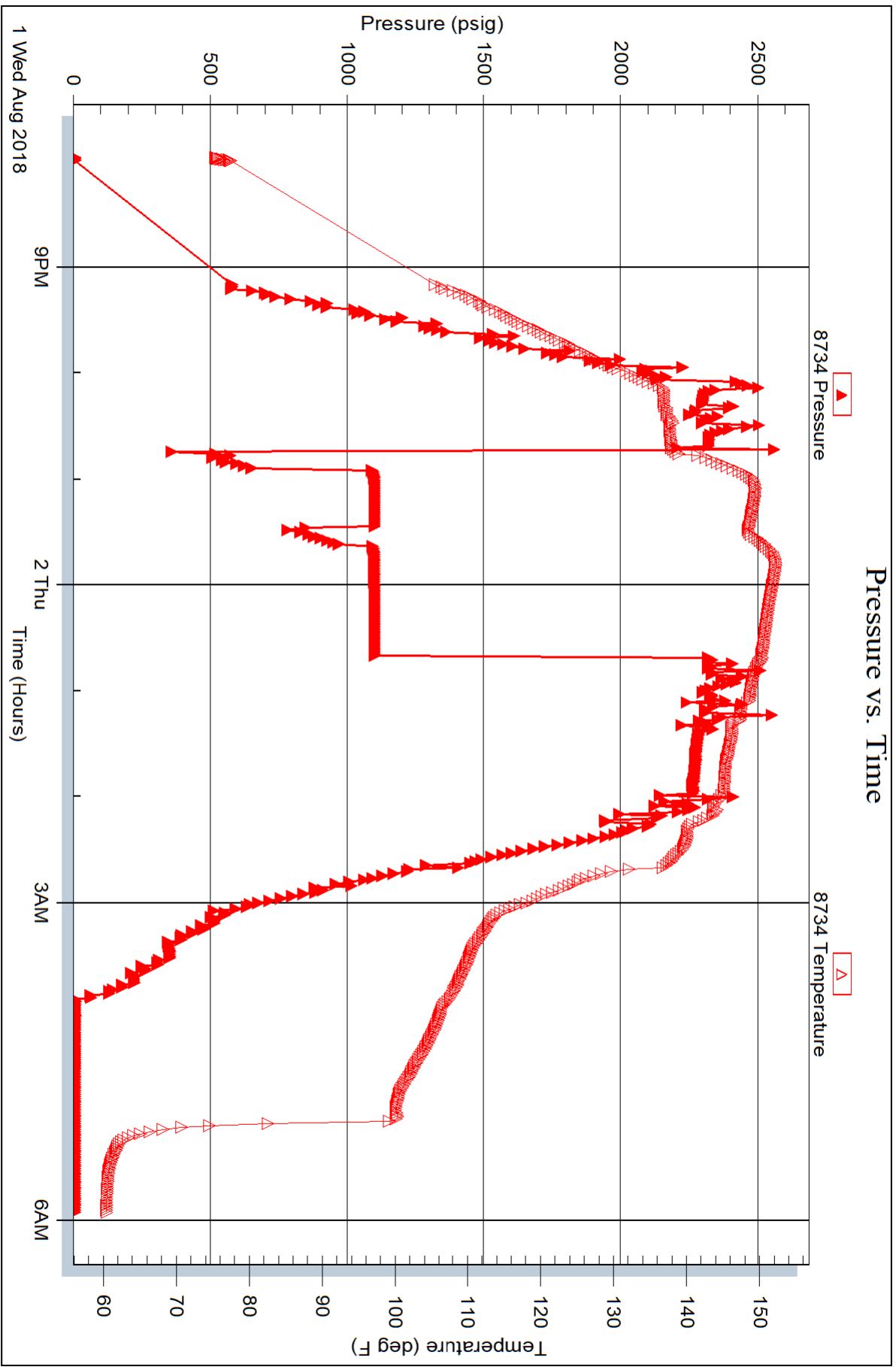


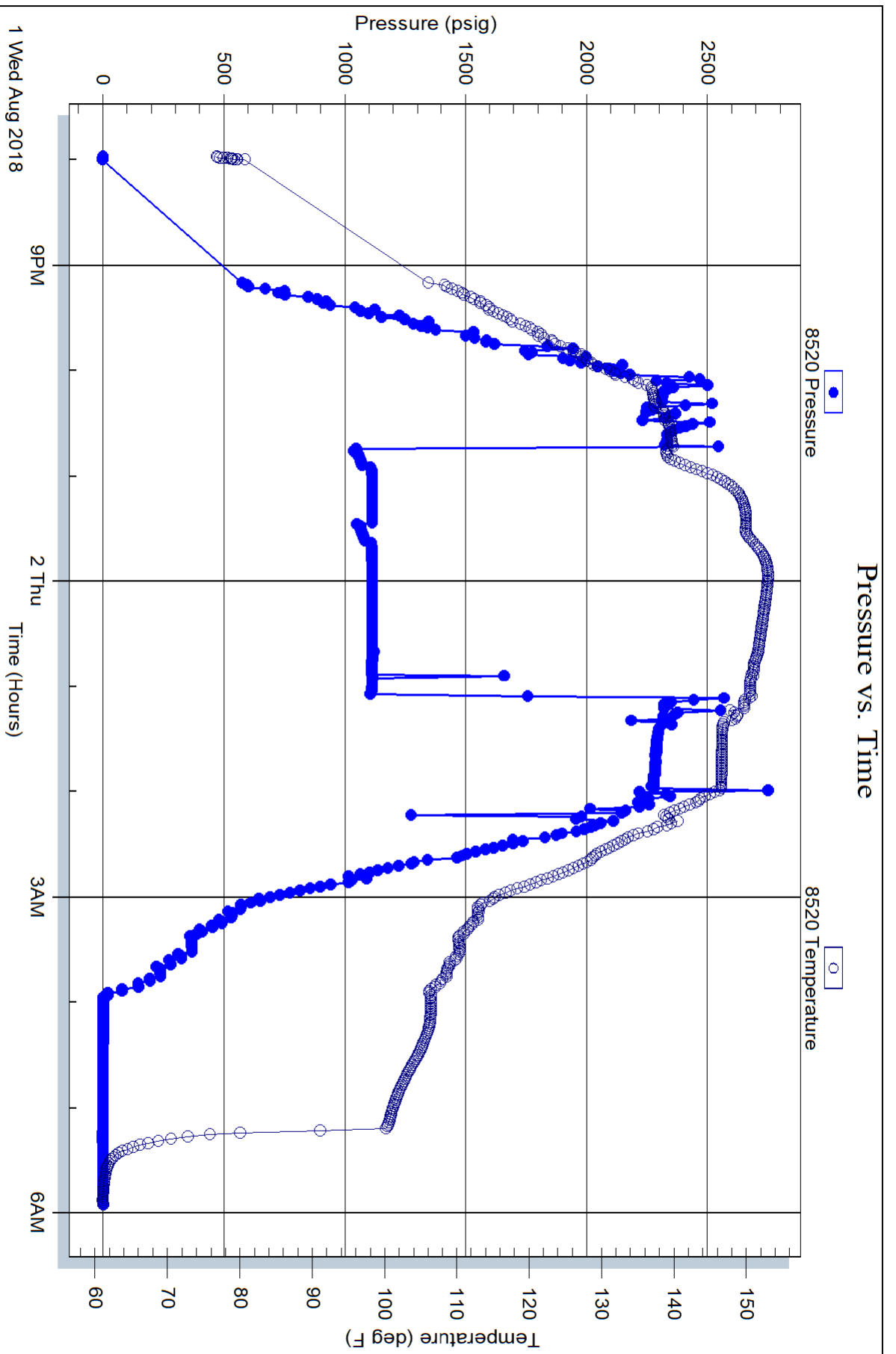
Serial #: 8734

Outside Cobalt Energy LLC

Hoyt A #1-36

DST Test Number: 2







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64195

Well Name & No. Hoyt A #1-36 Test No. 1 Date 7-31-18
 Company Cobalt Energy LLC Elevation 3425 KB 3420 GL
 Address 115 S. Belmont #12 Wichita, KS 67208
 Co. Rep / Geo. Tim Lauer Rig Murfin #3
 Location: Sec. 36 Twp 5 S. Rge. 37 W. Co. Cheyenne State KS

Interval Tested 4782-4820 Zone Tested Cherokee
 Anchor Length 38' Drill Pipe Run 4602 Mud Wt. 9.1
 Top-Packer Depth 4777 Drill Collars Run 179 Vls 60
 Bottom Packer Depth 4782 (Shale) Wt. Pipe Run - WL 6.4
 Total Depth 4820 Chlorides 3000 ppm System LCM 4#

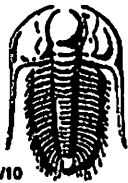
Blow Description IF-S blow built to 1/4" + died @ 27 mins.
ISI - No blow
FF - No blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</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 5 BHT 139 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2551 Test 1150 T-On Location 10:40
 (B) First Initial Flow 27 Jars 250 T-Started 11:46
 (C) First Final Flow 26 Safety Joint 75 T-Open 14:18
 (D) Initial Shut-In 48 Circ Sub _____ T-Pulled 16:48
 (E) Second Initial Flow 27 Hourly Standby _____ T-Out 19:08
 (F) Second Final Flow 27 Mileage 128 RT x 2 128 Comments Pulled tight off
 (G) Final Shut-In 51 Sampler _____ 128 bottom.
 (H) Final Hydrostatic 2424 Straddle _____ Towls loaded @ 11:15 8-1-18
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Extra Packer _____
 Initial Shut-In 30 Extra Recorder _____
 Final Flow 30 Day Standby _____
 Final Shut-In 60 Accessibility _____
 Sub Total 1981 Sub Total 1981 MP/DST Disc't _____

Approved By Tim Lauer Our Representative [Signature]
 TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64196

Well Name & No. Hoyt A #1-36 Test No. 2 Date 8-1-18
 Company Cobalt Energy LLC Elevation 3425 KB 3420 GL
 Address 115 S. Belmont #12 Wichita, KS 67208
 Co. Rep / Geo. Tim Lauer Rig Murfin #3
 Location: Sec. 36 Twp 5S Rge. 37W Co. Cheyenne State KS

Interval Tested 4790-4838 Zone Tested First Basal Sand
 Anchor Length 48' Anchor 222' T. Pipe. Drill Pipe Run 4539 Mud Wt. 9.1
 Top Packer Depth 4785 - 4790 Drill Collars Run 238 Vis 56
 Bottom Packer Depth 4838 (Shale) Wt. Pipe Run — WL 6.4
 Total Depth 5060 Chlorides 3500 ppm System LCM 3#

Blow Description IF - S. blow built to R.O.B (12 inches) @ 1 1/2 mins (blow increased to 88 1/2")
ISI - No blow (blow decreased to 79 1/2")
FF - S. blow built to A.O.R (12 inches) @ 1 min 15 secs (blow increased to 92")
ESI - No blow (blow decreased to 63 1/4")

Rec	Feet of	%gas	%oil	%water	%mud
<u>1182</u>	<u>Feet of MSW</u>		<u>96</u>	<u>4</u>	
<u>1008</u>	<u>Feet of MSW HWCM</u>		<u>25</u>	<u>75</u>	
<u> </u>	<u>Feet of</u>				
<u> </u>	<u>Feet of</u>				
<u> </u>	<u>Feet of</u>				

Rec Total 2190 BHT 151 Gravity API RW 1.22 @ 64 °F Chlorides 5500 ppm

(A) Initial Hydrostatic <u>2452</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>06:50</u>
(B) First Initial Flow <u>325</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>19:58</u>
(C) First Final Flow <u>669</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>22:44</u>
(D) Initial Shut-In <u>1098</u>	<input type="checkbox"/> Circ Sub <u> </u>	T-Pulled <u>00:34</u>
(E) Second Initial Flow <u>779</u>	<input checked="" type="checkbox"/> Hourly Standby <u>1hr 80</u>	T-Out <u>05:56</u>
(F) Second Final Flow <u>975</u>	<input checked="" type="checkbox"/> Mileage <u>128 RT. 128</u>	Comments <u>Pulled tight off bottom</u>
(G) Final Shut-In <u>1098</u>	<input type="checkbox"/> Sampler <u> </u>	<u>2x string weight 160,000</u>
(H) Final Hydrostatic <u>2472</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<u>Damaged Jars.</u>
Initial Open <u>10</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input checked="" type="checkbox"/> Ruined Shale Packer <u>left in hole</u> 350
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer <u> </u>	<input type="checkbox"/> Ruined Packer <u>Tools loaded</u>
Final Flow <u>10</u>	<input checked="" type="checkbox"/> Extra Recorder <u> </u>	<input type="checkbox"/> Extra Copies <u>07:00 8-2-18</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby <u> </u>	Sub Total <u>350</u>
	<input type="checkbox"/> Accessibility <u> </u>	Total <u>2883</u>
	Sub Total <u>2533</u>	MP/DST Disc't <u> </u>

Approved By Tim Lauer Our Representative [Signature]

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



PRESSURE PUMPING LLC
 PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

11281
 11171

TICKET NUMBER 55230
 LOCATION Oakley KS
 FOREMAN Jerry Y

FIELD TICKET & TREATMENT REPORT
 CEMENT

Invoice # 813808 KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-2-18	2180	Hoyt A 1-36	36	5S	37W	Cherokee
CUSTOMER XXXXXXXXXX Cobalt			Brewster No to County line 30' No E in 30'			
MAILING ADDRESS P.O. Box 8037			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Wichita			7530	Cory W		
STATE KS			5660	K/16M		
ZIP CODE 67208			5350	Jerry Y		

JOB TYPE Plug HOLE SIZE 7 7/8 HOLE DEPTH 502.5 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2 TUBING _____ OTHER _____
 SLURRY WEIGHT 13.8 SLURRY VOL 1.42 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on rig up on Martin 3 plug as ordered with 255 sks
60/40 4300' 1/4" FLO SOL
50 SKs @ 3110'
100 SKs @ 2220'
50 SKs @ 435'
10 SKs @ 40' with 8 5/8 wiper plug
15 SKs MA
30 SKs RH
 Thank you
 Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0451	1	PUMP CHARGE	1900.00	1900.00
CE0002	45	MILEAGE	7.15	321.75
CE0710	10.97	ton mileage delivery	1.75	863.87
CE5829	255 SKS	1" threaded V	16.00	4080.00
CC6075	64 #	fk seal	3.00	192.00
CP8228	1	8 5/8 wood plug	165.00	165.00
			Subtotal	7522.64
			-30%	2256.79
			Subtotal	5265.85
			SALES TAX	264.00
			ESTIMATED TOTAL	5529.85

AUTHORIZATION Jerry Y TITLE Tool Pusher DATE 8-2-18

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



PRESSURE PUMPING LLC
 PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

11191
 11079

TICKET NUMBER 55199
 LOCATION Oakley, KS
 FOREMAN Miles Shaw

FIELD TICKET & TREATMENT REPORT
 CEMENT

Invoice # 813712

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-25-18	2180	Hoyt A 1-36	36	S S	37W	Cheyenne
CUSTOMER Cobalt Energy			Brewster W N to County Line West half 34 N & E into			
MAILING ADDRESS P.O. Box 8037			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Wichita			STATE KS	ZIP CODE 67208		
			753	Corey W		
			528/T-127	B.H.R./J.C.M.C.G.		

JOB TYPE Surface HOLE SIZE 12.25" HOLE DEPTH 386' CASING SIZE & WEIGHT 8 5/8" 23#
 CASING DEPTH 386' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 23.25 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting and Rig up on Murtin drilling R5 #3 Circulate casing
m.v 300' Sx Surface blend II class cement w/ 386' casing 28 gal displac 23.25
bts later shut in cement did circulate 5 bts top of

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0471	1	PUMP CHARGE	1150. ⁰⁰	1150. ⁰⁰
CE0002	45	MILEAGE	7.15	321.75
CE0710	14.1 TONS	Ten Mileage down	1.75	110.38
CE5871	360 or	Surface blend II	24. ⁰⁰	7200. ⁰⁰
CP8552	3	8 5/8" Centralizer	110. ⁰⁰	330. ⁰⁰
			Subtotal	10112.13
		Loss 30% discount		3033.63
			Subtotal	7078.50
			SALES TAX	448.04
			ESTIMATED TOTAL	7526.54

RAVIN 3737 AUTHORIZATION Dreey Cochran TITLE TOOLPUSHER DATE 7-25-18

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form