

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1253622
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: _____

1253622

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: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Cobalt Energy LLC
Well Name	Ackerman "A" 1-9
Doc ID	1253622

All Electric Logs Run

Dual Induction
Neutron-Density
Microlog
Sonic

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

065546

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

SERVICE POINT:
Great Bend KS

DATE 05-09-15	SEC. 9	TWP. 26	RANGE 21	CALLED OUT	ON LOCATION 12:45 AM	JOB START 4:00 AM	JOB FINISH 5:00 AM
ACKERMAN	WELL # 1-9	LOCATION Ford County 2 1/2 West, 4 South			COUNTY Ford	STATE KS	
LEASE			LOCATION Ford County 2 1/2 West, 4 South			STATE KS	
OLD OR NEW (Circle one)			1 1/4 West 1 3/4 South Easting				

CONTRACTOR MARCUS
 TYPE OF JOB PTA
 HOLE SIZE _____ T.D. _____
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2" Drill pipe DEPTH 1879
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. All
 PERFS. _____
 DISPLACEMENT _____

OWNER _____
 CEMENT AMOUNT ORDERED 225 SK 60/40 4% GEL
1/4 Flt
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
220 SK 60/40 4% @ 18.92 4162.40
10 @ 2.97 163.35
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____

EQUIPMENT
 PUMP TRUCK CEMENTER Kevin Eddy
 # 398 HELPER Kevin Eddy Ben
 BULK TRUCK _____
 # 140170 DRIVER Marilyn
 BULK TRUCK _____
 # _____ DRIVER _____

TOTAL 4,325.75
 DISCOUNT 45% 1,946.57

REMARKS:
Gas location / Hold safety meeting / Rig up
Rig Run 1399 FT Drill pipe 4 1/2" Load Hole
#1 180' @ 50 SK
#2 700' @ 50 SK
#3 375' @ 50 SK
#4 60' @ 20 SK
#5 Rtt pipe @ 30 SK
#6 mouse hole @ 20 SK
Rig Down

SERVICE
 HANDLING 235.84 @ 2.48 584.88
 MILEAGE 9.87 x 45 x @ 2.75 1221.41
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 1512.35
 EXTRA FOOTAGE _____ @ _____
 HV MILEAGE 45 @ 7.70 346.50
 LV MILEAGE 45 @ 4.40 198.00
 @ _____
 @ _____
 TOTAL 3,863.04
 DISCOUNT 45% 1,738.37

CHARGE TO: Colbalt Energy
 STREET _____
 CITY _____ STATE _____ ZIP _____

Thank you!

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.

PLUG & FLOAT EQUIPMENT
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____
 DISCOUNT _____ % _____

PRINTED NAME AFD
 SIGNATURE [Signature]

SALES TAX (If Any) _____
 TOTAL CHARGES 8,188.79
 DISCOUNT 3,684.96 IF PAID IN 30 DAYS
 NET TOTAL 4,503.83 IF PAID IN 30 DAYS



DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy, LLC.**

PO Box 8037
Wichita, KS 67208

ATTN: Wes Hanson

Ackerman 'A' #1-9

9-26s-21w Ford,KS

Start Date: 2015.05.07 @ 10:22:09

End Date: 2015.05.07 @ 18:20:54

Job Ticket #: 59971 DST #: 1

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

Printed: 2015.05.11 @ 13:47:40



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cobalt Energy, LLC.

9-26s-21w Ford,KS

PO Box 8037
Wichita, KS 67208

Ackerman 'A' #1-9

ATTN: Wes Hanson

Job Ticket: 59971

DST#: 1

Test Start: 2015.05.07 @ 10:22:09

GENERAL INFORMATION:

Formation: **Miss. Dolo.**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 12:28:54

Time Test Ended: 18:20:54

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Reynolds

Unit No: 68

Interval: 4724.00 ft (KB) To 4800.00 ft (KB) (TVD)

Reference Elevations: 2308.00 ft (KB)

Total Depth: 4800.00 ft (KB) (TVD)

2306.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 2.00 ft

Serial #: 8790

Inside

Press@RunDepth: 204.25 psig @ 4725.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.07

End Date:

2015.05.07

Last Calib.:

2015.05.07

Start Time:

10:22:14

End Time:

18:20:53

Time On Btm:

2015.05.07 @ 12:28:24

Time Off Btm:

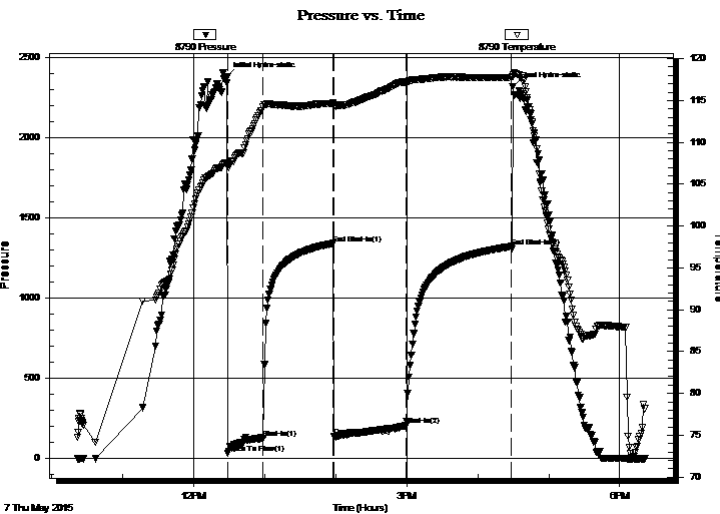
2015.05.07 @ 16:29:39

TEST COMMENT: IF: Good blow . 1" - 11"

IS: No blow .

FF: Strong blow . Surf. - BOB @ 51mins.

FS: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2383.40	107.58	Initial Hydro-static
1	33.28	107.14	Open To Flow (1)
31	125.05	114.29	Shut-In(1)
90	1341.64	114.67	End Shut-In(1)
91	139.24	114.18	Open To Flow (2)
152	204.25	117.18	Shut-In(2)
241	1322.26	117.78	End Shut-In(2)
242	2322.22	117.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
95.00	GOMCW 20%g, 5%o, 23%m, 52%w	0.47
120.00	GOMCW 30%g, 5%o, 28%m, 37%w	1.16
190.00	GOCM 10%g, 3%o, 87%m	2.67

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy, LLC.

9-26s-21w Ford,KS

PO Box 8037
Wichita, KS 67208

Ackerman 'A' #1-9

Job Ticket: 59971

DST#: 1

ATTN: Wes Hanson

Test Start: 2015.05.07 @ 10:22:09

Tool Information

Drill Pipe:	Length: 4558.00 ft	Diameter: 3.80 inches	Volume: 63.94 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 152.00 ft	Diameter: 2.25 inches	Volume: 0.75 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume: 64.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	4724.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	76.00 ft			
Tool Length:	102.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4703.00	
Hydraulic tool	5.00			4708.00	
Jars	5.00			4713.00	
Safety Joint	2.00		Inside	4715.00	
Packer	5.00			4720.00	26.00 Bottom Of Top Packer
Packer	4.00			4724.00	
Stubb	1.00			4725.00	
Recorder	0.00	8790	Inside	4725.00	
Recorder	0.00	8792	Outside	4725.00	
Perforations	2.00			4727.00	
Change Over Sub	0.50			4727.50	
Drill Pipe	63.50			4791.00	
Change Over Sub	1.00			4792.00	
Perforations	5.00			4797.00	
Bullnose	3.00			4800.00	76.00 Bottom Packers & Anchor

Total Tool Length: 102.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy, LLC.

9-26s-21w Ford,KS

PO Box 8037
Wichita, KS 67208

Ackerman 'A' #1-9

Job Ticket: 59971

DST#: 1

ATTN: Wes Hanson

Test Start: 2015.05.07 @ 10:22:09

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 77.00 sec/qt
Water Loss: 7.58 in³
Resistivity: ohm.m
Salinity: 3800.00 ppm
Filter Cake: 0.08 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
95.00	GOMCW 20%g, 5%o, 23%m, 52%w	0.467
120.00	GOMCW 30%g, 5%o, 28%m, 37%w	1.164
190.00	GOCM 10%g, 3%o, 87%m	2.665

Total Length: 405.00 ft Total Volume: 4.296 bbl

Num Fluid Samples: 0

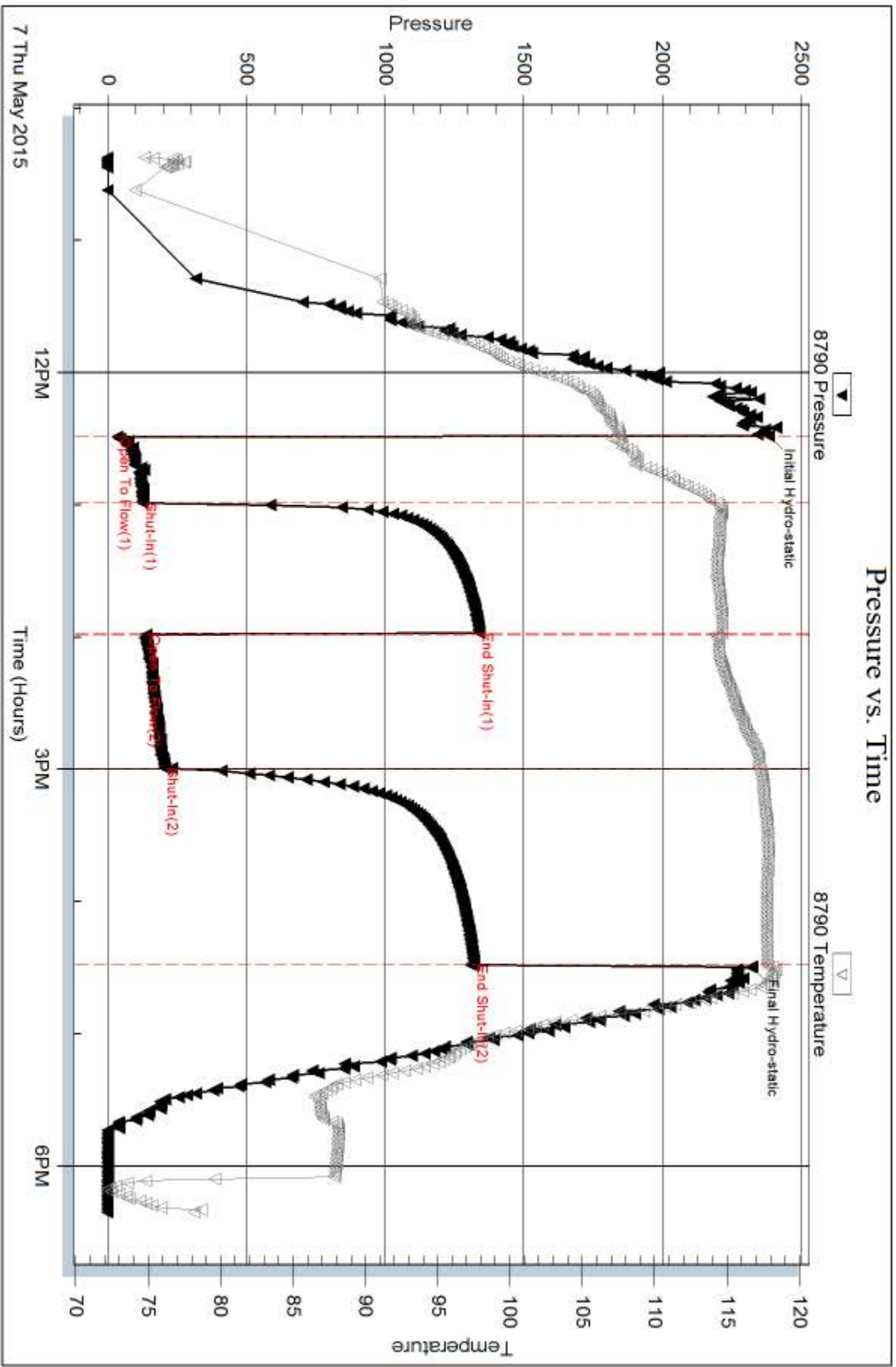
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

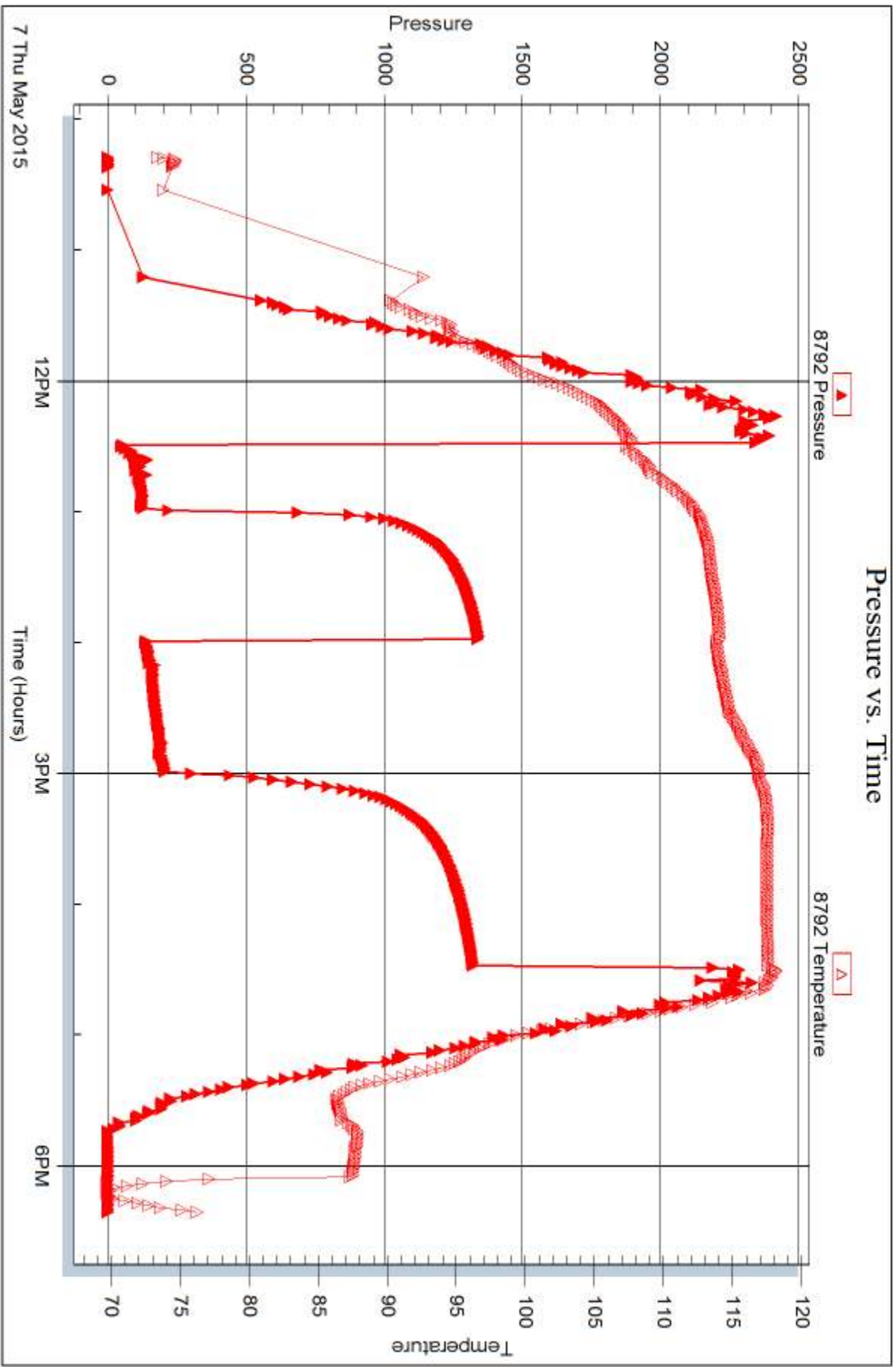


Serial #: 8792

Outside Cobalt Energy, LLC

Ackerman A' #1-9

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy, LLC.**

PO Box 8037
Wichita, KS 67208

ATTN: Wes Hanson

Ackerman 'A' 1-9

9-26s-21w Ford,KS

Start Date: 2015.05.08 @ 03:10:45

End Date: 2015.05.08 @ 11:07:45

Job Ticket #: 59972 DST #: 2

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

Printed: 2015.05.11 @ 13:46:40



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Cobalt Energy, LLC.

9-26s-21w Ford,KS

PO Box 8037
Wichita, KS 67208

Ackerman 'A' 1-9

Job Ticket: 59972

DST#: 2

ATTN: Wes Hanson

Test Start: 2015.05.08 @ 03:10:45

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 05:04:30

Time Test Ended: 11:07:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Reynolds

Unit No: 68

Interval: 4801.00 ft (KB) To 4815.00 ft (KB) (TVD)

Reference Elevations: 2308.00 ft (KB)

Total Depth: 4815.00 ft (KB) (TVD)

2306.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 2.00 ft

Serial #: 8790

Inside

Press@RunDepth: 330.69 psig @ 4802.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.08

End Date:

2015.05.08

Last Calib.:

2015.05.08

Start Time: 03:10:50

End Time:

11:07:44

Time On Btm:

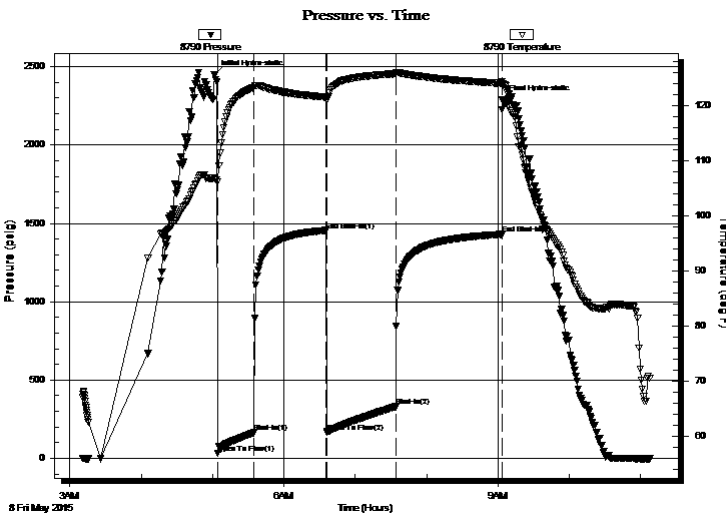
2015.05.08 @ 05:01:30

Time Off Btm:

2015.05.08 @ 09:03:45

TEST COMMENT: IF: Strong blow . 1" - BOB @ 19 min.
IS: No blow .
FF: Strong blow . surf. - BOB @ 25 min.
FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2447.81	106.89	Initial Hydro-static
3	31.56	106.26	Open To Flow (1)
34	164.16	123.38	Shut-In(1)
94	1455.35	121.58	End Shut-In(1)
95	168.48	121.16	Open To Flow (2)
153	330.69	125.85	Shut-In(2)
242	1430.66	124.13	End Shut-In(2)
243	2291.46	124.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
510.00	VSLI OCMW trc%o, 5%m, 95%w	5.77
130.00	GOCMW 5%g, 3%o, 30%m, 62%w	1.82

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.

9-26s-21w Ford,KS

PO Box 8037
Wichita, KS 67208

Ackerman 'A' 1-9

Job Ticket: 59972

DST#: 2

ATTN: Wes Hanson

Test Start: 2015.05.08 @ 03:10:45

Tool Information

Drill Pipe:	Length: 4630.00 ft	Diameter: 3.80 inches	Volume: 64.95 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 21000.00 lb
Drill Collar:	Length: 152.00 ft	Diameter: 2.25 inches	Volume: 0.75 bbl	Weight to Pull Loose: 81000.00 lb
			<u>Total Volume: 65.70 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4801.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4780.00	
Hydraulic tool	5.00			4785.00	
Jars	5.00			4790.00	
Safety Joint	2.00		Inside	4792.00	
Packer	5.00			4797.00	26.00 Bottom Of Top Packer
Packer	4.00			4801.00	
Stubb	1.00			4802.00	
Recorder	0.00	8790	Inside	4802.00	
Recorder	0.00	8792	Outside	4802.00	
Perforations	10.00			4812.00	
Bullnose	3.00			4815.00	14.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy, LLC.

9-26s-21w Ford,KS

PO Box 8037
Wichita, KS 67208

Ackerman 'A' 1-9

Job Ticket: 59972

DST#: 2

ATTN: Wes Hanson

Test Start: 2015.05.08 @ 03:10:45

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:

55000 ppm

Viscosity: 77.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 0.08 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
510.00	VSLI OCMW trc%o, 5%m, 95%w	5.769
130.00	GOCMW 5%g, 3%o, 30%m, 62%w	1.824

Total Length: 640.00 ft

Total Volume: 7.593 bbl

Num Fluid Samples: 0

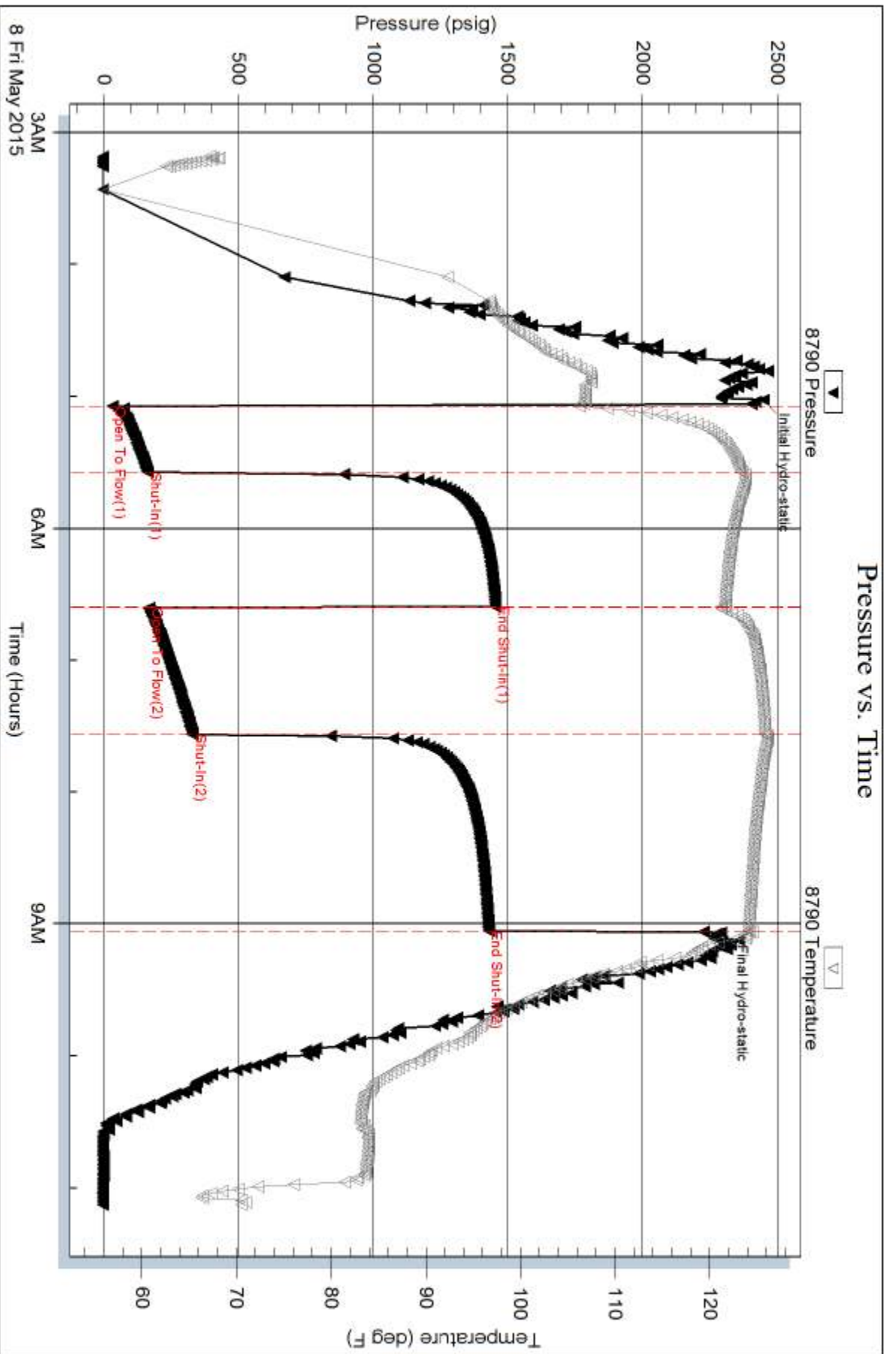
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

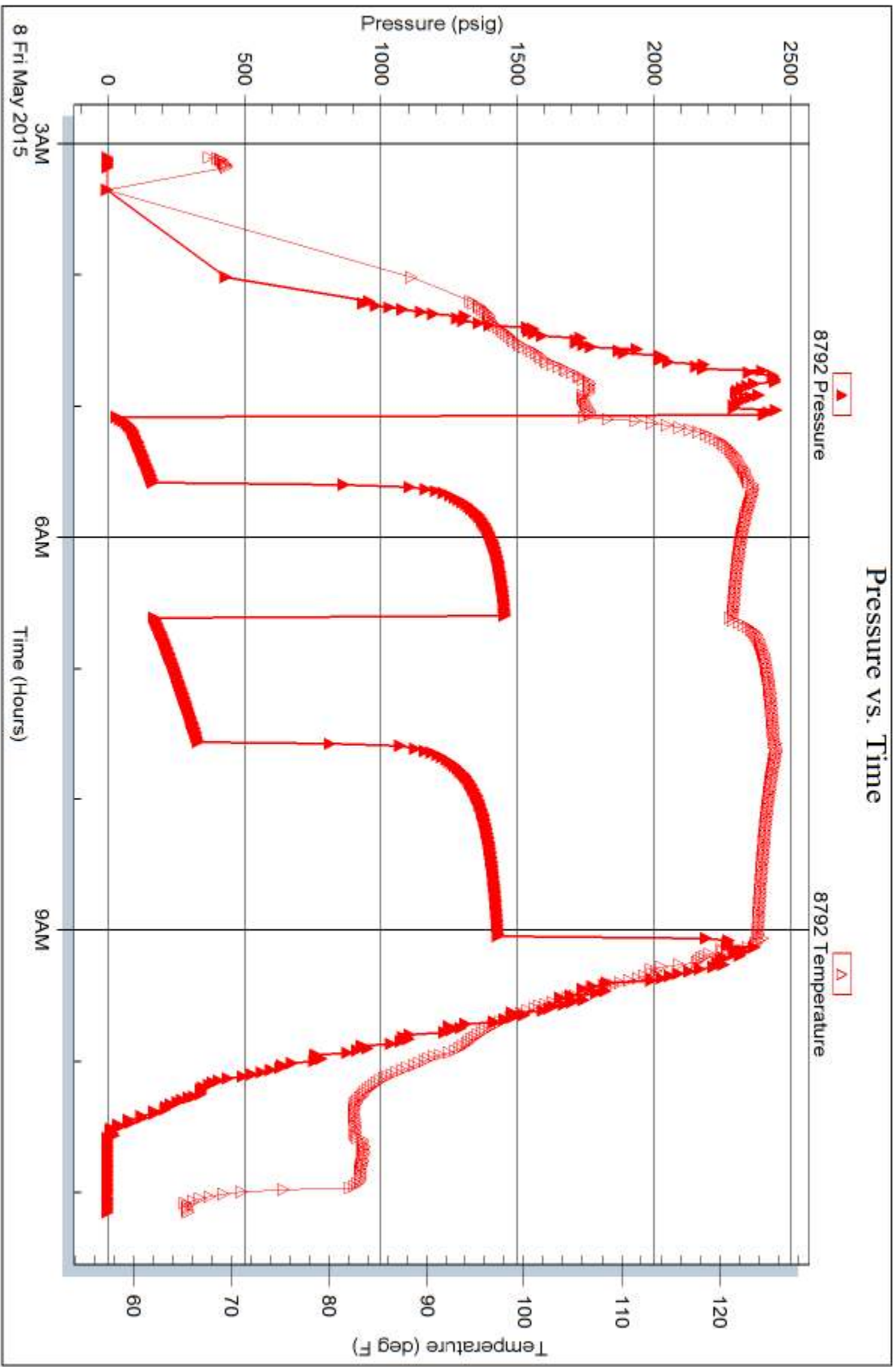


Serial #: 8792

Outside Cobalt Energy, LLC

Ackerman A'1-9

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 59972

Printed: 2015.05.11 @ 13:46:42



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59971

Well Name & No. Ackerman 'A' 1-9 Test No. 1 Date 5-7-15
 Company Cobalt Energy, LLC. Elevation 2308 KB 2306 GL
 Address 115 S. Belmont #12 Wichita, KS 67208
 Co. Rep / Geo. Wes Hanson Rig Murfin # 16
 Location: Sec. 9 Twp. 26s Rge. 21w Co. Ford State KS

Interval Tested 4724-4800 Zone Tested Miss. Dolo.
 Anchor Length 76 Drill Pipe Run 4558 Mud Wt. 9.3
 Top Packer Depth 4719 Drill Collars Run 152 Vis 77
 Bottom Packer Depth 4724 Wt. Pipe Run Ø WL 7.6
 Total Depth 4800 Chlorides 3800 ppm System LCM 1/2 #
 Blow Description IF: Good blow. 1"-11" ISI: No blow.
FF: Strong blow. surf. - BOB @ 51 mins.
FSTI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
190	GOCM	10	3	87	
120	GOMCW	30	5	37	28
95	GOMCW	20	5	52	23

Rec Total 405 BHT 117 Gravity N/C API RW 013 @ 73 °F Chlorides 56000 ppm
 Test 1150 T-On Location 0845
 Jars 250 T-Started 1022
 Safety Joint 75 T-Open 1230
 Circ Sub T-Pulled 1630
 Hourly Standby T-Out 1821
 Mileage 146 146 Comments _____
 Sampler _____
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1621 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90
 Approved By Wesley Hanson Our Representative Ryan Reynolds

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. 59972

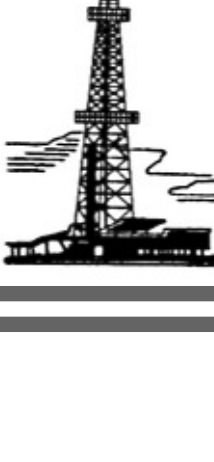
Well Name & No. Ackerman 'A' 1-9 Test No. 2 Date 5-8-15
 Company Cobalt Energy, LLC. Elevation 2308 KB 2346 GL
 Address 115 S. Belmont #12 Wichita, KS 67208
 Co. Rep / Geo. Wes Hanson Rig Murfin #110
 Location: Sec. 9 Twp. 26s Rge. 21w Co. Ford State KS

Interval Tested 4801-4815 Zone Tested MISS.
 Anchor Length 14 Drill Pipe Run 4630 Mud Wt. 9.3
 Top Packer Depth 4796 Drill Collars Run 152 Vis 77
 Bottom Packer Depth 4801 Wt. Pipe Run Ø WL 7.6
 Total Depth 4815 Chlorides 3800 ppm System LCM 1/2#
 Blow Description IF: Strong blow. 1" - BOB @ 19 min. IST: No blow.
FF: Strong blow surf. - BOB @ 25 min. FST: No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>130</u>	<u>GOCMW</u>	<u>5</u>	<u>3</u>	<u>62</u>	<u>30</u>
<u>510</u>	<u>VSLI OCMW</u>	<u>Trc</u>	<u>95</u>	<u>5</u>	<u>5</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

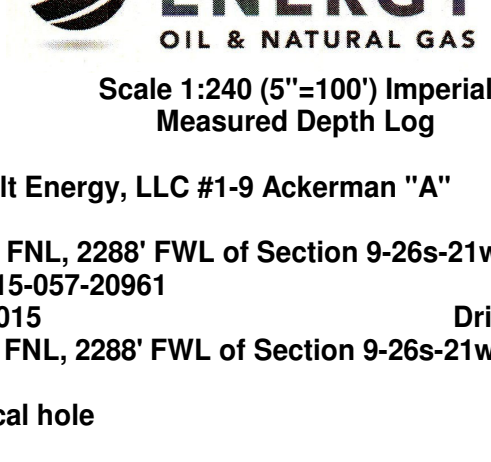
Rec Total 640 BHT 126 Gravity N/C API RW .14 @ 69 °F Chlorides 55000 ppm
 (A) Initial Hydrostatic 2448 Test 1150 T-On Location 0300
 (B) First Initial Flow 32 Jars 250 T-Started 0311
 (C) First Final Flow 164 Safety Joint 75 T-Open 0504
 (D) Initial Shut-In 1455 Circ Sub _____ T-Pulled 0904
 (E) Second Initial Flow 168 Hourly Standby _____ T-Out 1108
 (F) Second Final Flow 331 Mileage 146 146 Comments _____
 (G) Final Shut-In 1431 Sampler _____
 (H) Final Hydrostatic 2291 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1621

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90
 Sub Total 1621 Total 1621 MP/DST Disc't _____
 Approved By Wesley Hanson Our Representative Ryan Reynolds
 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.



WESLEY D. HANSEN Consulting Petroleum Geologist
 212 N. Market, Suite 257, Wichita, KS 67202
 Office: 316-267-7313 Cellular: 316-772-6188

KGS
 AAPG
 Kansas License #418



Scale 1:240 (5"=100') Imperial
 Measured Depth Log

Well Name: Cobalt Energy, LLC #1-9 Ackerman "A"
 Well Id:
 Location: 2236' FNL, 2288' FWL of Section 9-26s-21w
 License Number: API: 15-057-20961
 Spud Date: 5-1-2015
 Surface Coordinates: 2236' FNL, 2288' FWL of Section 9-26s-21w
 Region: Ford County, Kansas
 Drilling Completed: 5-9-2015

Bottom Hole Coordinates: Vertical hole
 Ground Elevation (ft): 2303' K.B. Elevation (ft): 2308'
 Logged Interval (ft): 3800' To: RTD Total Depth (ft): 4900'
 Formation: Mississippian at RTD
 Type of Drilling Fluid: Chemical - Displaced at 3577'
 Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Cobalt Energy, LLC
 Address: 115 S. Belmont #12
 P.O. Box 8037
 Wichita, KS 67208

GEOLOGIST

Name: Wesley D. Hansen
 Company: Wesley D. Hansen - Consulting Petroleum Geologist
 Address: 212 N. Market, Suite 257
 Wichita, KS 67202
 Office: 316-263-7313 Cellular: 316-772-6188

COMMENTS

Contractor: Murfin Drilling Co., Inc. Rig #16
 Pusher: Andy Dinkel

Surface Casing: 8 5/8" set at 345' w/225 sx
 Production Casing: P&A

Mud by: Morgan Mud - Justin Whiting and Brad Bortz were the engineers.

DST's by: Trilobite - Ryan Reynolds was the tester.

Logs by: Tucker Energy Services (DIL, CN-CD, MEL, BHCS)

Deviation Surveys: 1/4 deg. @ 346'; 1 1/8 deg. @ 4800'

NOTE: Log tops were 4' to 8' higher than drill time/sample tops

BIT RECORD

Bit #	Size	MFG	Type	Depth Out	Footage Cut	Hours on bit
1	12 1/4"	Reed	TC11rr	346'	346'	4 1/2
2	7 7/8"	HTC	GX20C	4800'	4454'	112
3	7 7/8"	HTC	GX20Crr	4900'	100'	79 + 3

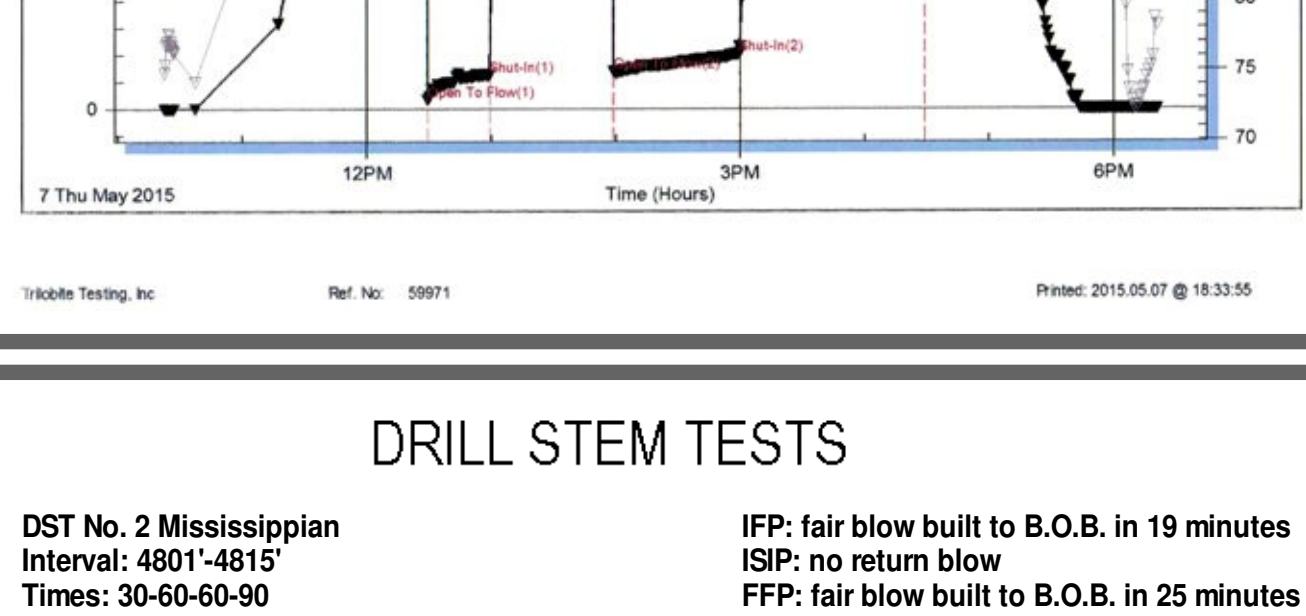
FORMATION TOPS AND STRUCTURAL COMPARISON

FORMATION	SAMPLE TOPS		LOG TOPS		COMPARISON WELLS	
	Depth	Datum	Depth	Datum	1. Zorger Pet. Ackerman C-1 NWSE 9-26S-21W 2302' KB	2. Aikman Oil & Gas Ackerman #1 NWNE 9-26S-21W 2296' KB
Anhydrite	1357'	+951	1354'	+954	+3	+1
Heebner Shale	4030'	-1722	4026'	-1718	+17	+18
Brown Lime	4146'	-1838	4138'	-1830	+20	+20
Lansing	4157'	-1849	4148'	-1840	+19	+20
Lansing "B" por.	not developed		not developed		NC	NC
Hushpuckney Shale	4476'	-2168	4470'	-2162	+15	+12
Cherokee	4689'	-2381	4680'	-2372	+23	+16
Mississippian	4778'	-2470	4772'	-2464	+33	+29
Miss. Dolomite por.	4786'	-2478	4780'	-2472	+33	+26
RTD	4900'	-2592				
LTD			4898'	-2590		

DRILL STEM TESTS

DST No. 1 Mississippian
 Interval: 4801'-4800'
 Times: 30-60-60-90
 Recovery: 190' G&OCM (10g, 3o, 87m);
 GO&MCW (30g, 5o, 28m, 37w); 95' GO&MCW
 (20g, 5o, 23m, 52w); total fluid 405'; chl. 56,000
 FP: 33-125/139-204 SIP: 1342-1322
 HP: 2383-2322 BHT: 117 deg. F

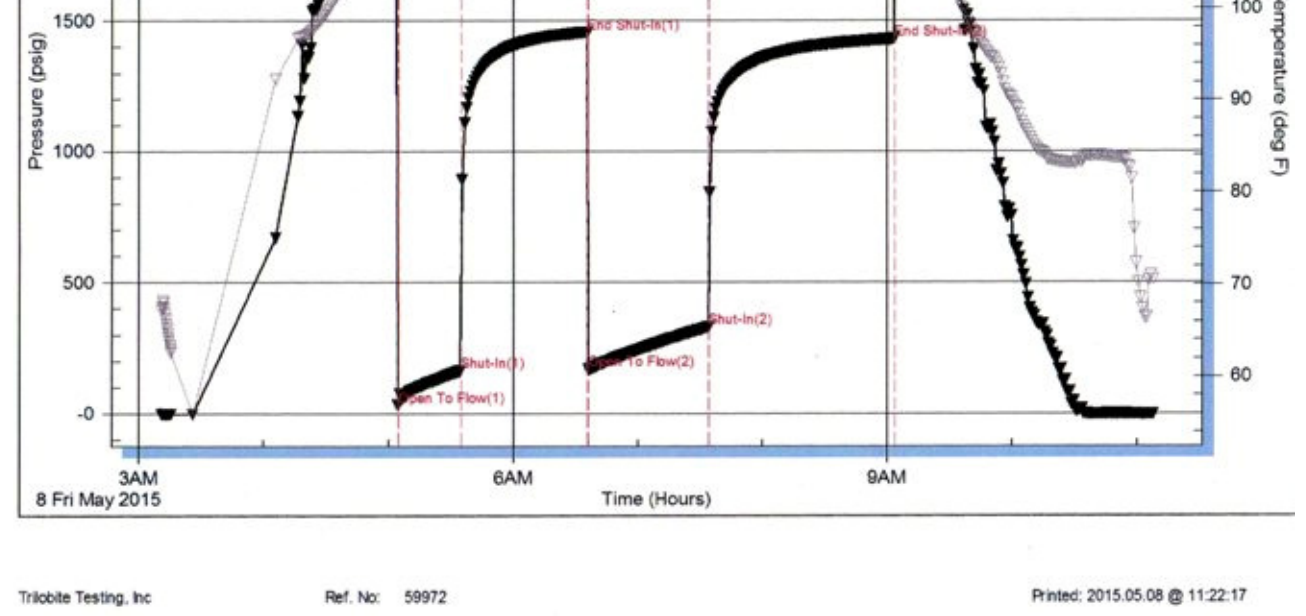
IFP: fair blow built to 11 inches
 ISIP: no return blow
 FFP: fair blow built to B.O.B. in 51 minutes
 FSIP: no return blow



DRILL STEM TESTS

DST No. 2 Mississippian
 Interval: 4801'-4815'
 Times: 30-60-60-90
 Recovery: 130' G&OCMW (5g, 3o, 30m, 62w);
 510' VSL OCMW (trc oil, 5m, 95w); total fluid
 640'; chl. 55,000
 FP: 32-164/168-331 SIP: 1455-1431
 HP: 2448-2291 BHT: 126 deg. F

IFP: fair blow built to B.O.B. in 19 minutes
 ISIP: no return blow
 FFP: fair blow built to B.O.B. in 25 minutes
 FSIP: no return blow



ROCK TYPES

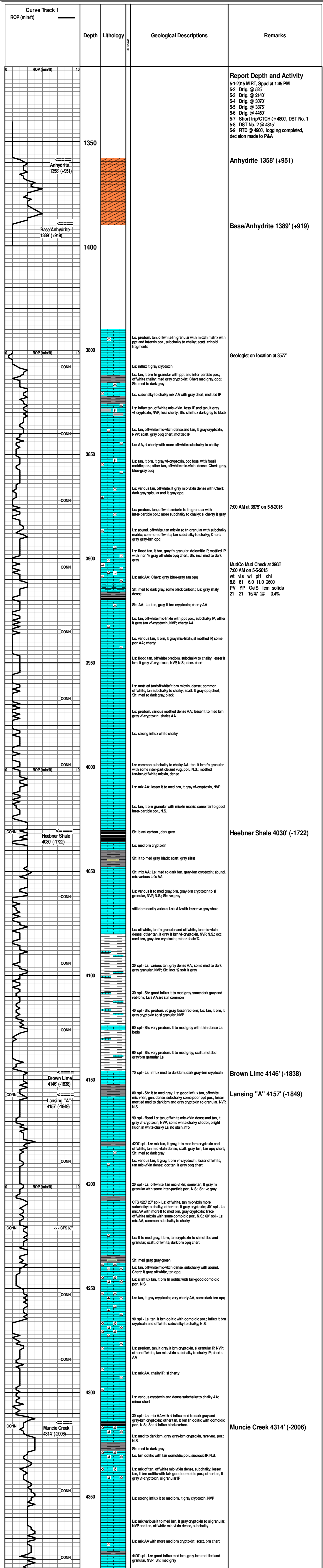
Anhy	Salt	Dol	Shlysts
Cht	Shcol	Dtd	Slysh
Coal	Shgy	Gry sh	Sly dolo
Congl	Siltst	Sandylms	Silty dolo
Dol	Ss	redshale	Shy dolo
Gyp	Carb sh	Shale	Shaly ls
Lmst		Siltstn	Light dolomite

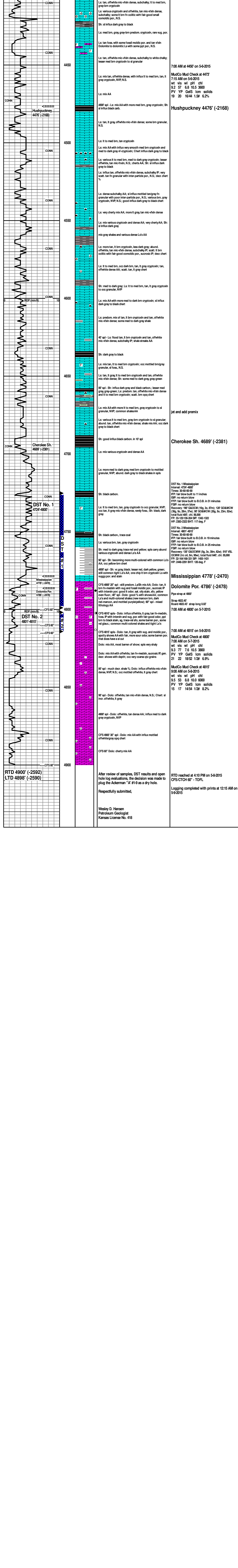
FOSSIL

Algae	Plant	Glaug	STRINGER
Amph	Strom	Gyp	Anhy
Belm	Fuss	Hvymrn	Arg
Briocist	Oomold	Kaol	Bent
Brach		Marl	Coal
Cephalo	MINERAL	Minxl	Dol
Bryozoa	Anhy	Nodule	Gyp
Coral	Arg	Phos	Ls
Crin	Bent	Pyr	Mlst
Echin	Bit	Salt	Sltstrg
Fish	Brefrag	Sandy	Ssstrg
Foram	Calc	Silt	Carbsh
Gastro	Carb	Sil	Clystn
Oolite	Chtdk	Sulphur	Dol
Ostra	Chtlt	Tuff	Gryslt
Pelec	Dol	Chlorite	Lms
Pellet	Feldspar	Dol	Sandylms
Pisolite	Ferrpel	Sand	Sh
	Ferr	Silty	Siltstn

OTHER SYMBOLS

INTERVALS	EVENTS	OTHER SYMBOLS	
Core	Rft	OIL SHOWS	Trace
Dst	Dst top/base	Even	Dead
		Spotted	Gas show
		Quest.	





After review of samples, DST results and open hole log evaluations, the decision was made to plug the Ackerman 'A' #1-9 as a dry hole.

Respectfully submitted,

Wesley D. Hansen
Petroleum Geologist
Kansas License No. 418