KOLAR Document ID: 1316769

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 # 6569
Name: Carmen Schmitt, Inc.
Address 1: PO BOX 47
Address 2:
City: GREAT BEND State: KS Zip: 67530 + 0047
Contact Person: Matt Suchy
Phone: (620) 793-5100
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Brad Rine
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 #:

9/4/2016 Spud Date or Recompletion Date
9/11/2016 Date Reached TD
9/11/2016 Completion Date or Recompletion Date

API No.: 15-063-22293-00-00
Spot Description:
E2 - SW - SW - NW Sec. 14 Twp. 14 S. R. 26 ☐ East ☑ West
2310 Feet from ☑ North / ☐ South Line of Section
641 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Gove
Lease Name: CEO TRUST Well #: 1-14
Field Name:
Producing Formation: none
Elevation: Ground: 2472 Kelly Bushing: 2477
Total Vertical Depth: 4450 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 218 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: 39000 ppm Fluid volume: 650 bbls
Dewatering method used: Evaporated
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: 10/04/2016
☑ **Confidential Release Date:** 10/04/2018
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 10/04/2016

Operator Name: Carmen Schmitt, Inc. Lease Name: CEO TRUST Well #: 1-14

Sec. 14 Twp. 14 S. R. 26 ☐ East ☑ West County: Gove

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Geologist Report / Mud Logs ☐ Yes ☐ No

List All E. Logs Run:

Dual Induction
Dual Comp Porosity
Microresistivity

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name: Attached Top: Attached Datum: Attached

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	218	60/40 poz	175	2%gel,3%cc

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☑ 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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL: Top / Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	

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

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Carmen Schmitt, Inc.
Well Name	CEO TRUST 1-14
Doc ID	1316769

Tops

Name	Top	Datum
Anhydrite	1946	531
Heebner Sh.	3734	-1257
Toronto	3754	-1277
Lansing	3773	-1296
B/KC	4054	-1577
Marmaton	4100	-1623
Pawnee	4193	-1716
Ft.Scott	4259	-1782
Cherokee Sh.	4284	-1807
Mississippian	4368	-1891

Form	ACO1 - Well Completion
Operator	Carmen Schmitt, Inc.
Well Name	CEO TRUST 1-14
Doc ID	1316769

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	218	60/40 poz	175	2%gel,3% cc

COPELAND
Acid & Cement

POST OFFICE BOX 438
HAYSVILLE, KS 67060
(316) 524-1225
(316) 524-1027 FAX

BURRTON, KS (620) 463-5161 FAX (620) 463-2104
GREAT BEND, KS (620) 793-3366 FAX (620)

Invoice

INVOICE NUMBER:
C44253-IN

BILL TO:
CARMEN SCHMITT, INC.
P.O. BOX 47
GREAT BEND, KS 67530

LEASE: CEO TRUST 1-14

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS
09/15/2016	C44253		09/03/2016		NET 30

QUANTITY	U/M	ITEM NO./DESCRIPTION	D/C	PRICE	EXTENSION
50.00	MI	MILEAGE CEMENT PUMP TRUCK	20.00	4.00	160.00
50.00	MI	MILEAGE PICKUP TRUCK	20.00	2.00	80.00
1.00	EA	CEMENT PUMP CHARGE - SURFACE	20.00	1,100.00	880.00
175.00	SK	60/40 POZ 2% GEL MIX	20.00	10.75	1,505.00
10.00	SK	CALCIUM CHLORIDE	20.00	30.00	240.00
185.00	EA	BULK CHARGE	20.00	1.25	185.00
397.50	MI	BULK TRUCK - TON MILES	20.00	1.10	349.80

7/10/43
19093 0114
Well File
Surface Cement

REMIT TO:
P.O. BOX 438
HAYSVILLE, KS 67060

RECEIVED BY

COP

FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.

NET 30 DAYS

Net Invoice:	3,399.80
GOVCO Sales Tax:	74.80
Invoice Total:	**3,474.60**

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days pas

COPELAND
Acid & Cement

FIELD ORDER № C 44253

BOX 438 • HAYSVILLE, KANSAS 67060
316-524-1225

DATE 9-3-16 20____

IS AUTHORIZED BY: Carmen Schmidt
(NAME OF CUSTOMER)

Address _____ City _____ State _____

To Treat Well As Follows: Lease CEO Trust Well No. 1-14 Customer Order No. _____

Sec. Twp. Range _____ County Gove State ks

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid Service is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.

The undersigned represents himself to be duly authorized to sign this order for well owner or operater.

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED _____ By _____
Well Owner or Operator Agent

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
2	50	mileage pump truck	4.00/1	200.00/
2	50	mileage pickup	2.00/1	100.00/1
2	1	Pump Charge - Surface		1,100.00/
2	175	60/40 poz. 2% gel.	10.75/1	1,881.25/
2	10	Calcium Chloride	30.00/1	300.00/
2	185	Bulk Charge	1.25/1	231.25/
2		Bulk Truck Miles 7.95 T x 50 = 397.5 Tm x 1.10/1	1.10/1	437.25/
		Process License Fee on _____ Gallons		4,249.75
		TOTAL BILLING	20%	849.95

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

$ 3,399.80

Copeland Representative Nathan W.

Station G-B

Matt S.
Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS

COPELAND Acid & Cement

TREATMENT REPORT

Acid Stage No. _____

Date 9/3/2016 District G.B. F.O. No. C44253

Company Carmen Schmitt

Well Name & No. CEO Trust 1-14

Location _____ Field _____

County Gove State KS

Casing: Size 8 5/8" Type & Wt. _____ Set at _____ ft.

Formation: _____ Perf. _____ to _____

Formation: _____ Perf. _____ to _____

Formation: _____ Perf. _____ to _____

Liner: Size _____ Type & Wt. _____ Top at _____ ft. Bottom at _____ ft.

Cemented: Yes Perforated from _____ ft. to _____ ft.

Tubing: Size & Wt. _____ Swung at _____ ft.

Perforated from _____ ft. to _____ ft.

Open Hole Size _____ T.D. _____ ft. P.B. to _____ ft.

Type Treatment:	Amt.		Type Fluid	Sand Size	Pounds of Sand
Bkdown		Bbl./Gal.			
		Bbl./Gal.			
		Bbl./Gal.			
		Bbl./Gal.			
Flush		Bbl./Gal.			

Treated from _____ ft. to _____ ft. No. ft. 0

from _____ ft. to _____ ft. No. ft. 0

from _____ ft. to _____ ft. No. ft. 0

Actual Volume of Oil / Water to Load Hole: _____ Bbl./Gal.

Pump Trucks. No. Used: Std. 365 Sp. _____ Twin _____

Auxiliary Equipment 367/308

Personnel Nathan-Greg-Mike

Auxiliary Tools _____

Plugging or Sealing Materials: Type _____

_____ Gals. _____ lb.

Company Representative Andy D. (Murfin Drilling) Treater Nathan W.

TIME	PRESSURES		Total Fluid Pumped	REMARKS
a.m./p.m.	Tubing	Casing		
6:45		8 5/8"		On Location. Rig drilling.
				Surface-218'
				Break circulation with mud pump.
				Mix 175sks 60/40poz 2%gel 3% Calcium Chloride.
9:15				Displace with 12bbls at 3bpm-200# Circulated cement to surface.
				Thank You!
				Nathan W.

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

CEO Trust #1-14

14-14s-26w Gove,KS

Start Date: 2016.09.08 @ 01:47:48
End Date: 2016.09.08 @ 11:05:48
Job Ticket #: 58075 DST #: 1

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

Printed: 2016.09.12 @ 09:11:51

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 58075 **DST#: 1**

Test Start: 2016.09.08 @ 01:47:48

GENERAL INFORMATION:

Formation: **LKC 'H'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:42:48
Time Test Ended: 11:05:48

Test Type: Conventional Bottom Hole (Initial)
Tester: Brannan Lonsdale/ Sp
Unit No: 73

Interval: 3925.00 ft (KB) To 3960.00 ft (KB) (TVD)
Total Depth: 3960.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

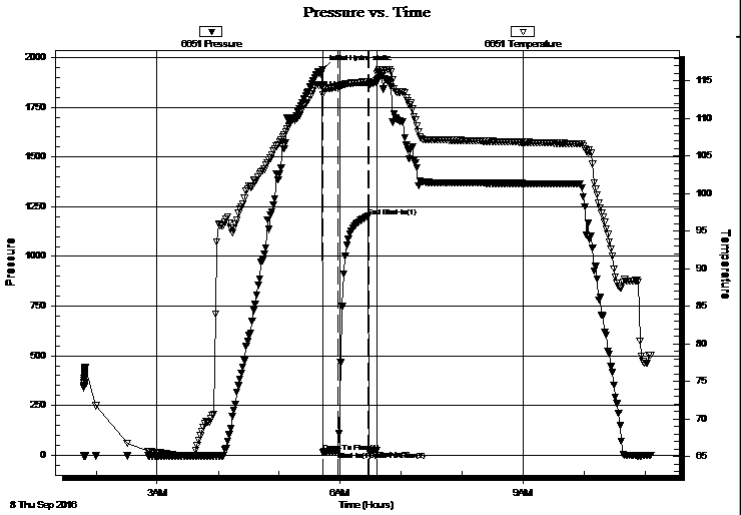
Reference Elevations: 2477.00 ft (KB)
2472.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6651 **Inside**

Press@RunDepth: 19.80 psig @ 3957.00 ft (KB)
Start Date: 2016.09.08 End Date: 2016.09.08
Start Time: 01:47:49 End Time: 11:05:48

Capacity: 8000.00 psig
Last Calib.: 2016.09.08
Time On Btm: 2016.09.08 @ 05:42:18
Time Off Btm: 2016.09.08 @ 06:36:48

TEST COMMENT: 15- IF- 1/2" blow throughout
30- ISI- No Blow
05- FF- No Blow ; Pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1940.33	114.48	Initial Hydro-static
1	15.82	113.20	Open To Flow (1)
15	19.80	114.16	Shut-In(1)
45	1201.30	114.92	End Shut-In(1)
46	21.63	114.52	Open To Flow (2)
54	23.61	114.86	Shut-In(2)
55	1923.14	116.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	M w / few oil spots in tool	0.10

Gas Rates

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

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 58075 **DST#: 1**

Test Start: 2016.09.08 @ 01:47:48

GENERAL INFORMATION:

Formation: **LKC 'H'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:42:48
Time Test Ended: 11:05:48

Test Type: Conventional Bottom Hole (Initial)
Tester: Brannan Lonsdale/ Sp
Unit No: 73

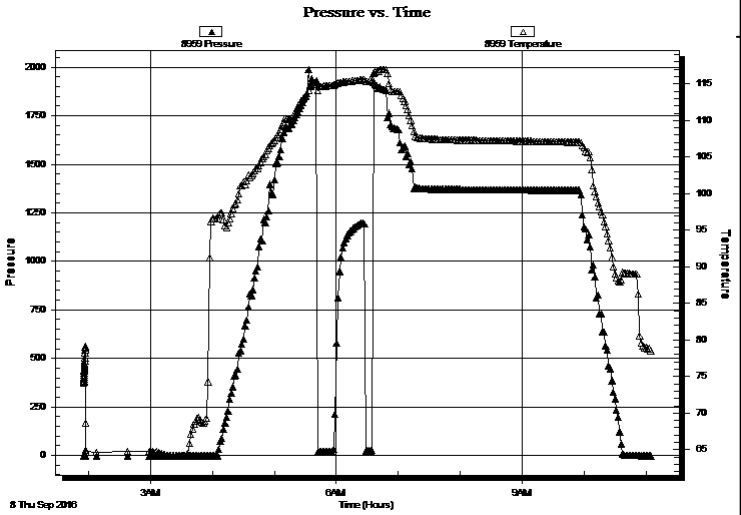
Interval: 3925.00 ft (KB) To 3960.00 ft (KB) (TVD)
Total Depth: 3960.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2477.00 ft (KB)
2472.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8959 **Outside**
Press@RunDepth: psig @ 3957.00 ft (KB)
Start Date: 2016.09.08 End Date: 2016.09.08
Start Time: 01:55:04 End Time: 11:05:03

Capacity: 8000.00 psig
Last Calib.: 2016.09.08
Time On Btm:
Time Off Btm:

TEST COMMENT: 15- IF- 1/2" blow throughout
30- ISI- No Blow
05- FF- No Blow ; Pulled tool



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	M w / few oil spots in tool	0.10

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 58075 **DST#: 1**

Test Start: 2016.09.08 @ 01:47:48

Tool Information

Drill Pipe:	Length:	3895.00 ft	Diameter:	3.82	inches	Volume:	55.21	bbl	
Heavy Wt. Pipe:	Length:	ft	Diameter:		inches	Volume:	-	bbl	
Drill Collar:	Length:	29.00 ft	Diameter:	2.25	inches	Volume:	0.14	bbl	
						Total Volume:	-	bbl	

Drill Pipe Above KB:	26.00 ft
Depth to Top Packer:	3925.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	35.00 ft
Tool Length:	62.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:		2500.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		60000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	52000.00 lb
	Final	52000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3899.00		
Shut In Tool	5.00			3904.00		
Hydraulic tool	5.00			3909.00		
Jars	5.00			3914.00		
Safety Joint	2.00			3916.00		
Packer	5.00			3921.00	27.00	Bottom Of Top Packer
Packer	4.00			3925.00		
Stubb	1.00			3926.00		
Perforations	31.00			3957.00		
Recorder	0.00	6651	Inside	3957.00		
Recorder	0.00	8959	Outside	3957.00		
Bullnose	3.00			3960.00	35.00	Bottom Packers & Anchor
Total Tool Length:	**62.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 58075 **DST#: 1**

Test Start: 2016.09.08 @ 01:47:48

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:	bbl		
Water Loss:	6.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1400.00 ppm				
Filter Cake:	inches				

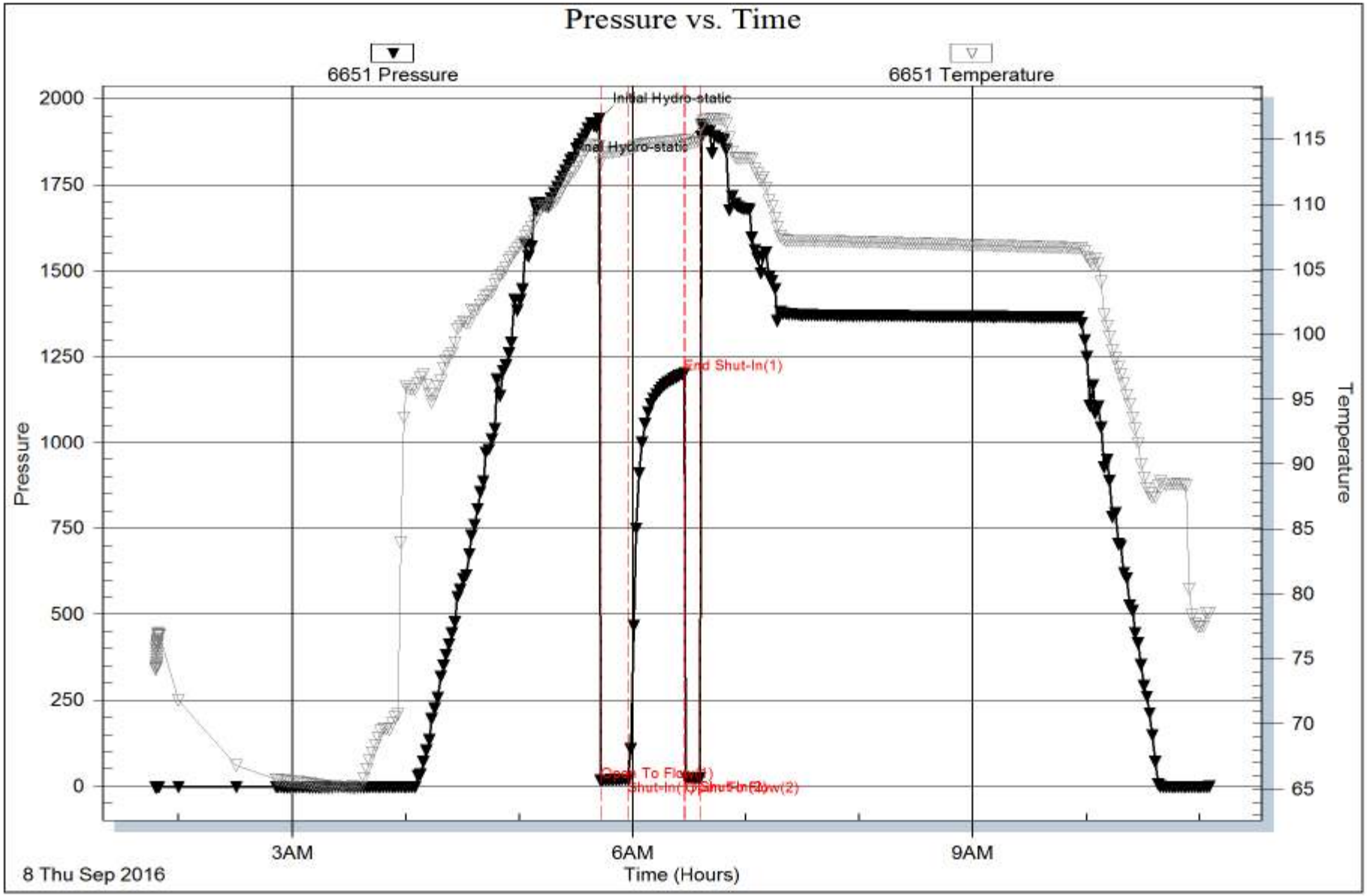
Recovery Information

Recovery Table

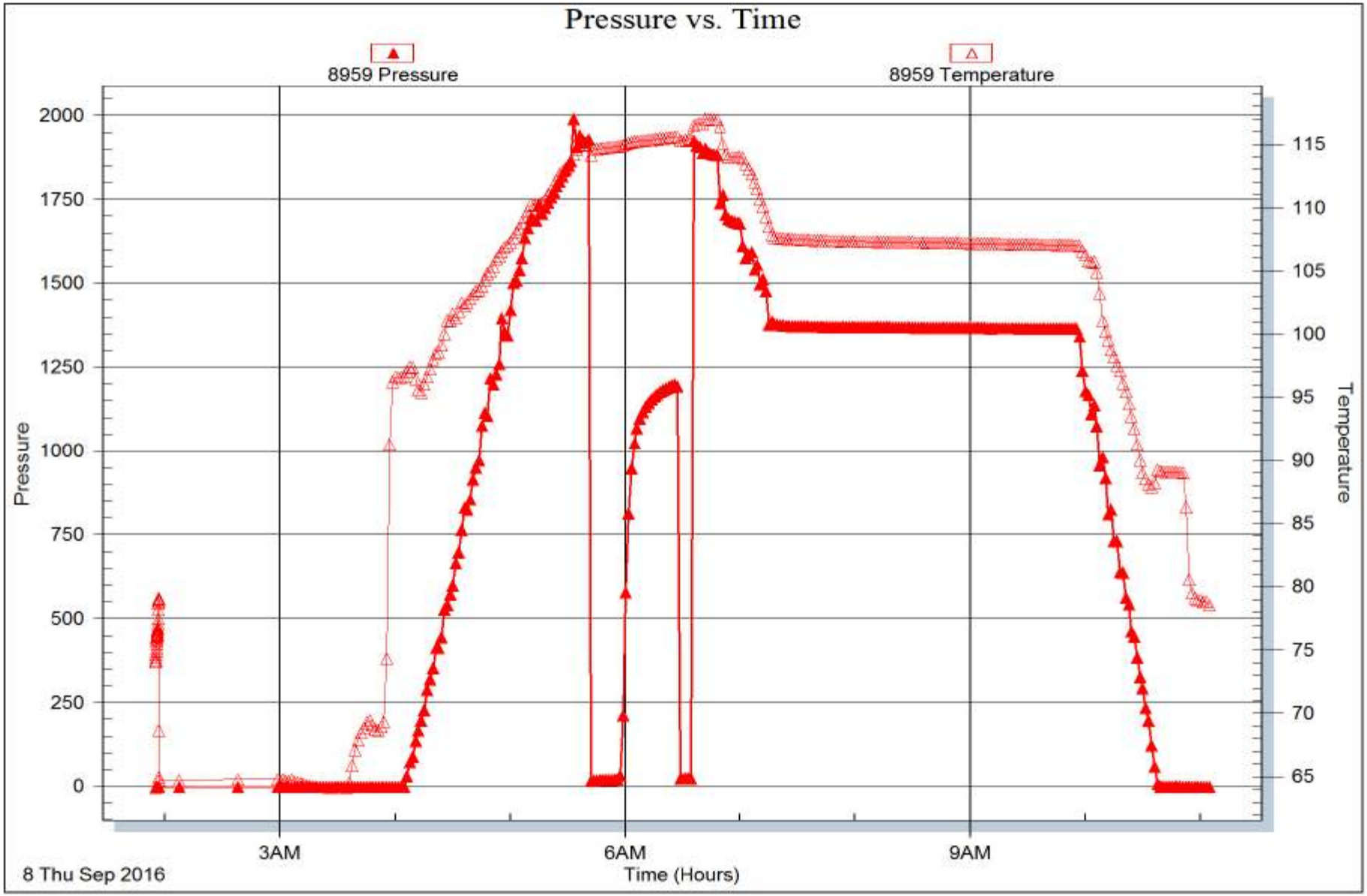
Length ft	Description	Volume bbl
20.00	M w / few oil spots in tool	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6651 Pressure
6651 Temperature
Initial Hydro-static
End Shut-In(1)
Pressure
Temperature
2000
1750
1500
1250
1000
750
500
250
0
115
110
105
100
95
90
85
80
75
70
65
3AM
6AM
9AM
8 Thu Sep 2016
Time (Hours)

Serial #: 8959 **Outside** Carmen Schmitt, Inc. CEO Trust #1-14 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 58075 Printed: 2016.09.12 @ 09:11:53

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

CEO Trust #1-14

14-14s-26w Gove,KS

Start Date: 2016.09.08 @ 22:23:58
End Date: 2016.09.09 @ 03:58:58
Job Ticket #: 61276 DST #: 2

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

Printed: 2016.09.12 @ 09:11:21

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 61276 **DST#: 2**

Test Start: 2016.09.08 @ 22:23:58

GENERAL INFORMATION:

Formation: **LKC "K"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:04:58
Time Test Ended: 03:58:58

Test Type: Conventional Bottom Hole (Reset)
Tester: Brannan Lonsdale/ Sp
Unit No: 73

Interval: 4007.00 ft (KB) To 4035.00 ft (KB) (TVD)
Total Depth: 4035.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

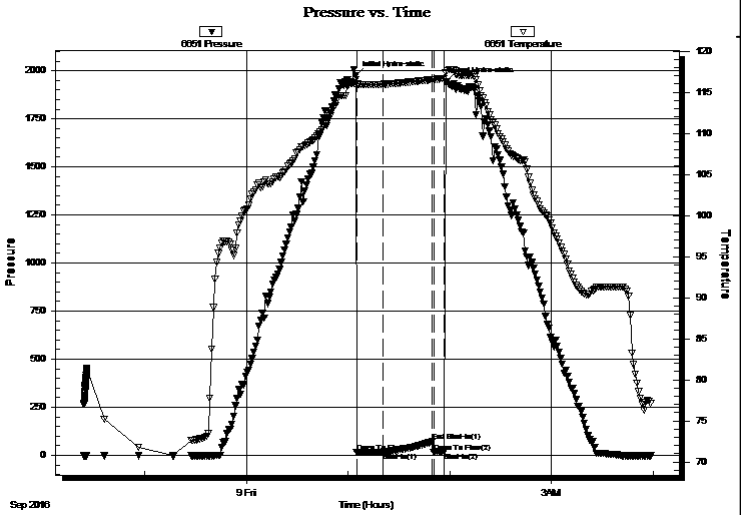
Reference Elevations: 2477.00 ft (KB)
2472.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6651 **Inside**

Press@RunDepth: 16.90 psig @ 4032.00 ft (KB)
Start Date: 2016.09.08 End Date: 2016.09.09
Start Time: 22:23:59 End Time: 03:58:58

Capacity: 8000.00 psig
Last Calib.: 2016.09.09
Time On Btm: 2016.09.09 @ 01:04:28
Time Off Btm: 2016.09.09 @ 01:57:28

TEST COMMENT: 15- IF- Weak surface blow died in 3 mins
30- ISI- No blow
05- FF- No blow Pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1974.56	116.52	Initial Hydro-static
1	15.63	115.72	Open To Flow (1)
16	16.90	115.97	Shut-In(1)
45	70.85	116.54	End Shut-In(1)
46	17.09	116.55	Open To Flow (2)
52	17.39	116.69	Shut-In(2)
53	1941.42	117.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M w / oil spots in tool	0.05

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 61276 **DST#: 2**

Test Start: 2016.09.08 @ 22:23:58

GENERAL INFORMATION:

Formation: **LKC "K"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:04:58
Time Test Ended: 03:58:58

Test Type: Conventional Bottom Hole (Reset)
Tester: Brannan Lonsdale/ Sp
Unit No: 73

Interval: 4007.00 ft (KB) To 4035.00 ft (KB) (TVD)
Total Depth: 4035.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

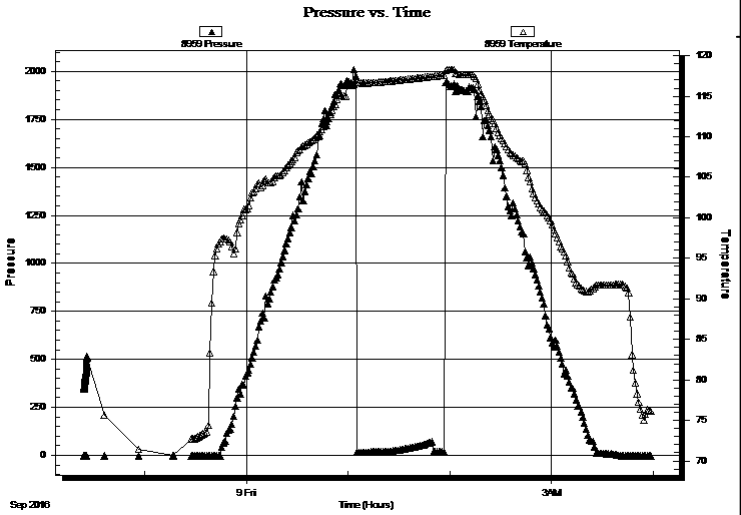
Reference Elevations: 2477.00 ft (KB)
2472.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8959 **Outside**

Press@RunDepth: psig @ 4032.00 ft (KB)
Start Date: 2016.09.08 End Date: 2016.09.09
Start Time: 22:23:53 End Time: 03:58:52

Capacity: 8000.00 psig
Last Calib.: 2016.09.09
Time On Btm:
Time Off Btm:

TEST COMMENT: 15- IF- Weak surface blow died in 3 mins
30- ISI- No blow
05- FF- No blow Pulled tool



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M w / oil spots in tool	0.05

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 61276 **DST#: 2**

Test Start: 2016.09.08 @ 22:23:58

Tool Information

Drill Pipe:	Length:	3959.00 ft	Diameter:	3.82	inches	Volume:	56.12	bbl	
Heavy Wt. Pipe:	Length:	ft	Diameter:		inches	Volume:	-	bbl	
Drill Collar:	Length:	29.00 ft	Diameter:	2.25	inches	Volume:	0.14	bbl	
						Total Volume:	-	bbl	

Drill Pipe Above KB:	8.00 ft
Depth to Top Packer:	4007.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	28.00 ft
Tool Length:	55.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2500.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		54000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	52000.00 lb
	Final	52000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3981.00		
Shut In Tool	5.00			3986.00		
Hydraulic tool	5.00			3991.00		
Jars	5.00			3996.00		
Safety Joint	2.00			3998.00		
Packer	5.00			4003.00	27.00	Bottom Of Top Packer
Packer	4.00			4007.00		
Stubb	1.00			4008.00		
Perforations	24.00			4032.00		
Recorder	0.00	6651	Inside	4032.00		
Recorder	0.00	8959	Outside	4032.00		
Bullnose	3.00			4035.00	28.00	Bottom Packers & Anchor
Total Tool Length:	**55.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 61276 **DST#: 2**

Test Start: 2016.09.08 @ 22:23:58

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:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1500.00 ppm				
Filter Cake:	inches				

Recovery Information

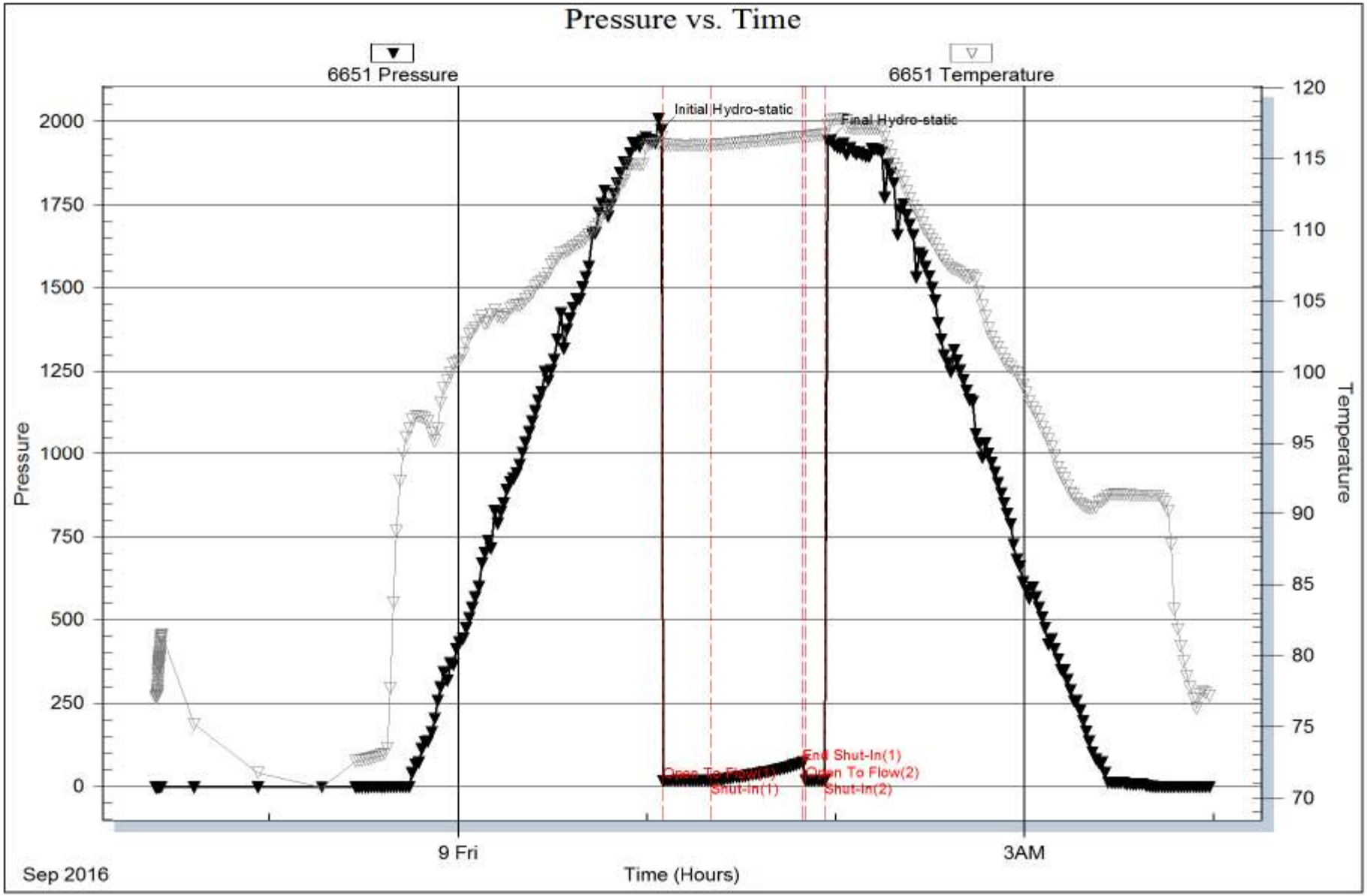
Recovery Table

Length ft	Description	Volume bbl
10.00	M w / oil spots in tool	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

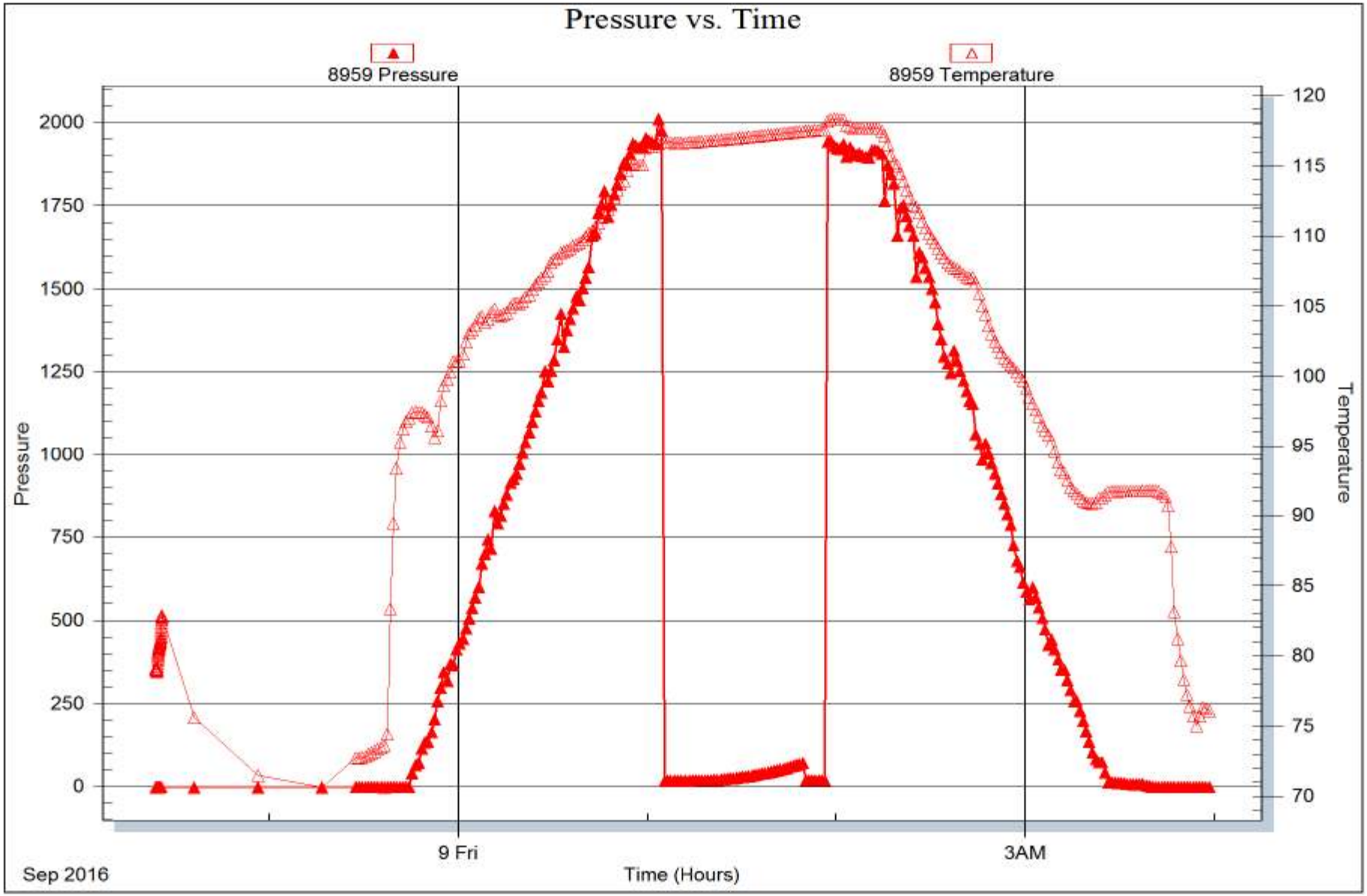
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6651 **Inside** Carmen Schmitt, Inc. CEO Trust #1-14 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 61276 Printed: 2016.09.12 @ 09:11:22

Serial #: 8959 **Outside** Carmen Schmitt, Inc. CEO Trust #1-14 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 61276 Printed: 2016.09.12 @ 09:11:22

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

CEO Trust #1-14

14-14s-26w Gove,KS

Start Date: 2016.09.09 @ 12:17:46
End Date: 2016.09.09 @ 16:16:46
Job Ticket #: 61277 DST #: 3

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

Printed: 2016.09.12 @ 09:10:58

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 61277 **DST#: 3**

Test Start: 2016.09.09 @ 12:17:46

GENERAL INFORMATION:

Formation: **LKC "L"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:41:16
Time Test Ended: 16:16:46

Test Type: Conventional Bottom Hole (Reset)
Tester: Brannan Lonsdale
Unit No: 73

Interval: 4030.00 ft (KB) To 4066.00 ft (KB) (TVD)
Total Depth: 4066.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

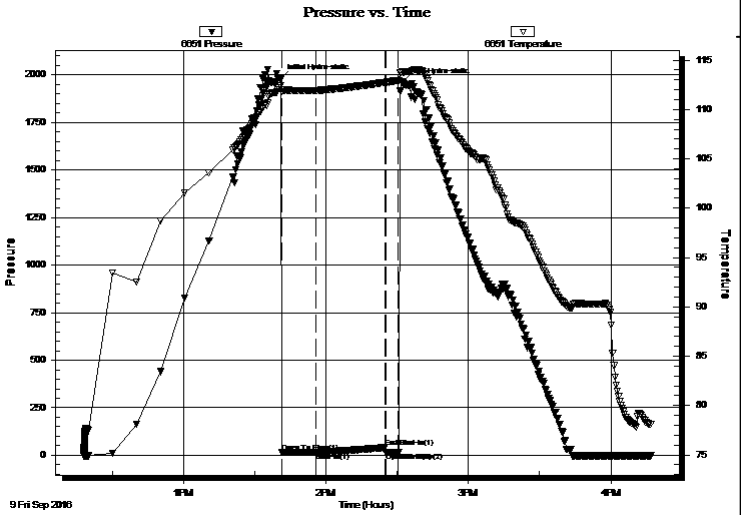
Reference Elevations: 2477.00 ft (KB)
2472.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6651 **Inside**

Press@RunDepth: 15.99 psig @ 4063.00 ft (KB)
Start Date: 2016.09.09 End Date: 2016.09.09
Start Time: 12:17:47 End Time: 16:16:46

Capacity: 8000.00 psig
Last Calib.: 2016.09.09
Time On Btm: 2016.09.09 @ 13:40:46
Time Off Btm: 2016.09.09 @ 14:31:46

TEST COMMENT: 15- IF- Surface blow died in 8 mins
30- ISI- No blow
05- FF- No blow Pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1977.97	112.44	Initial Hydro-static
1	15.43	111.84	Open To Flow (1)
15	15.99	111.93	Shut-In(1)
44	40.26	112.75	End Shut-In(1)
45	15.88	112.75	Open To Flow (2)
50	16.54	112.94	Shut-In(2)
51	1961.26	113.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	M	0.01

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 61277 **DST#: 3**

Test Start: 2016.09.09 @ 12:17:46

GENERAL INFORMATION:

Formation: **LKC "L"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:41:16
Time Test Ended: 16:16:46

Test Type: Conventional Bottom Hole (Reset)
Tester: Brannan Lonsdale
Unit No: 73

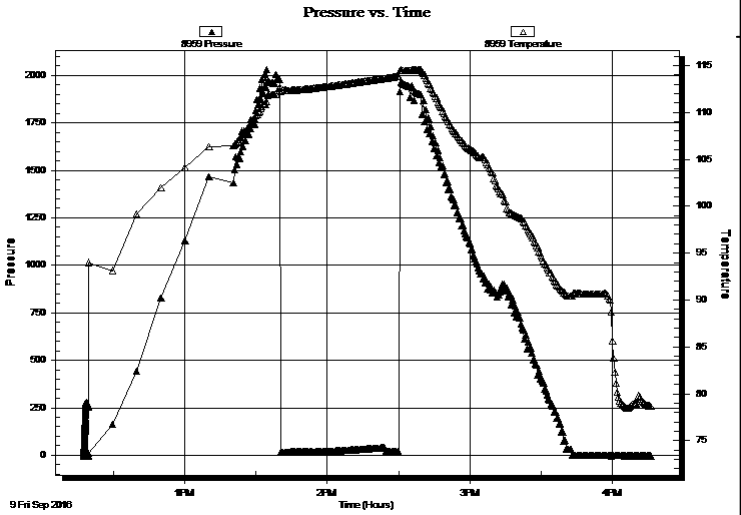
Interval: 4030.00 ft (KB) To 4066.00 ft (KB) (TVD)
Total Depth: 4066.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2477.00 ft (KB)
2472.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8959 **Outside**
Press@RunDepth: psig @ 4063.00 ft (KB)
Start Date: 2016.09.09 End Date: 2016.09.09
Start Time: 12:17:32 End Time: 16:16:01

Capacity: 8000.00 psig
Last Calib.: 2016.09.09
Time On Btm:
Time Off Btm:

TEST COMMENT: 15- IF- Surface blow died in 8 mins
30- ISI- No blow
05- FF- No blow Pulled tool



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	M	0.01

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 61277 **DST#: 3**

Test Start: 2016.09.09 @ 12:17:46

Tool Information

Drill Pipe:	Length:	3991.00 ft	Diameter:	3.82	inches	Volume:	56.57	bbl	
Heavy Wt. Pipe:	Length:	ft	Diameter:		inches	Volume:	-	bbl	
Drill Collar:	Length:	29.00 ft	Diameter:	2.25	inches	Volume:	0.14	bbl	
						Total Volume:	-	bbl	

Drill Pipe Above KB:	17.00 ft
Depth to Top Packer:	4030.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	36.00 ft
Tool Length:	63.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2500.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		57000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	52000.00 lb
	Final	52000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4004.00		
Shut In Tool	5.00			4009.00		
Hydraulic tool	5.00			4014.00		
Jars	5.00			4019.00		
Safety Joint	2.00			4021.00		
Packer	5.00			4026.00	27.00	Bottom Of Top Packer
Packer	4.00			4030.00		
Stubb	1.00			4031.00		
Perforations	32.00			4063.00		
Recorder	0.00	6651	Inside	4063.00		
Recorder	0.00	8959	Outside	4063.00		
Bullnose	3.00			4066.00	36.00	Bottom Packers & Anchor
Total Tool Length:	**63.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 61277 **DST#: 3**

Test Start: 2016.09.09 @ 12:17:46

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:	59.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2500.00 ppm				
Filter Cake:	inches				

Recovery Information

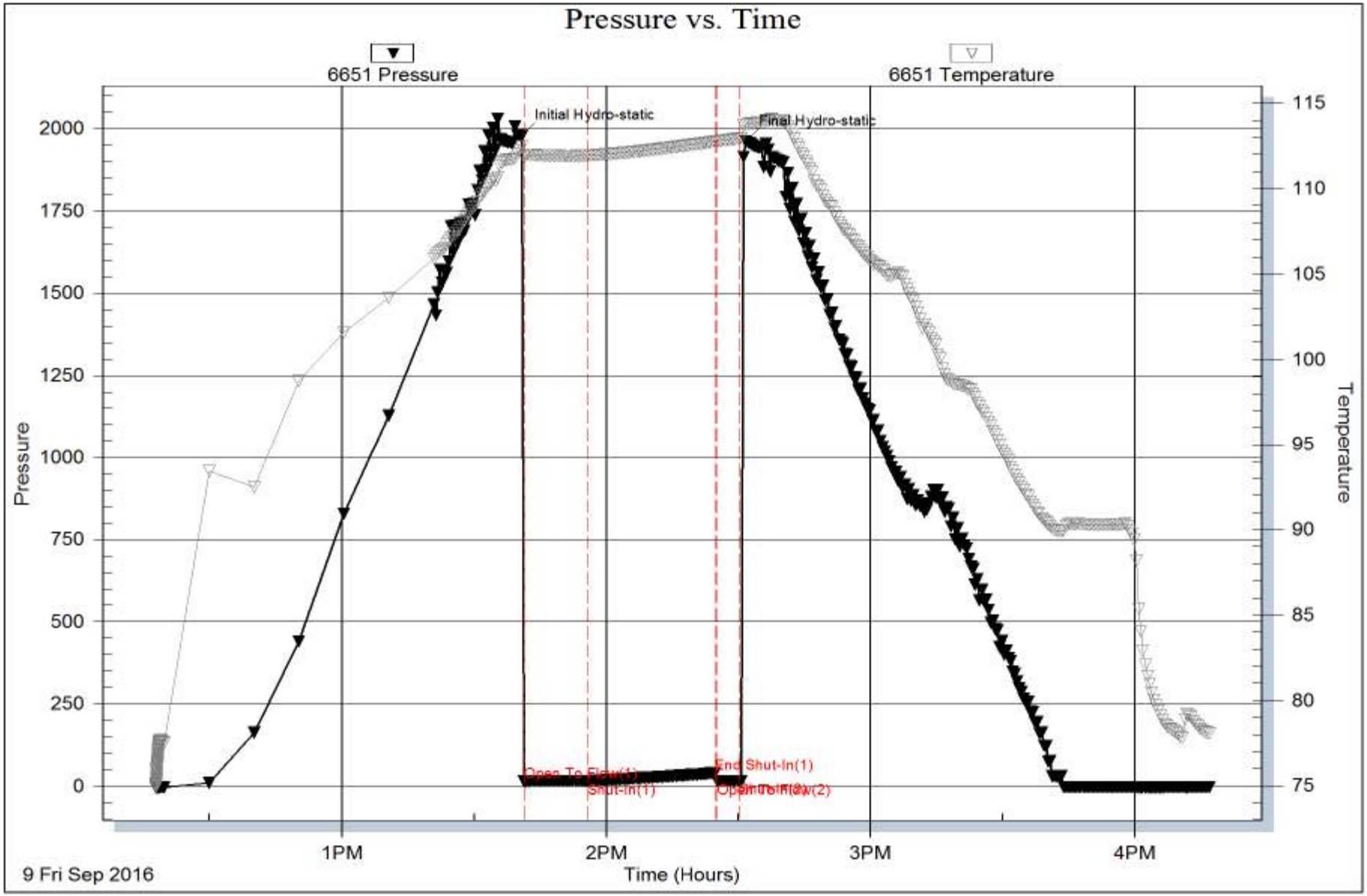
Recovery Table

Length ft	Description	Volume bbl
2.00	M	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

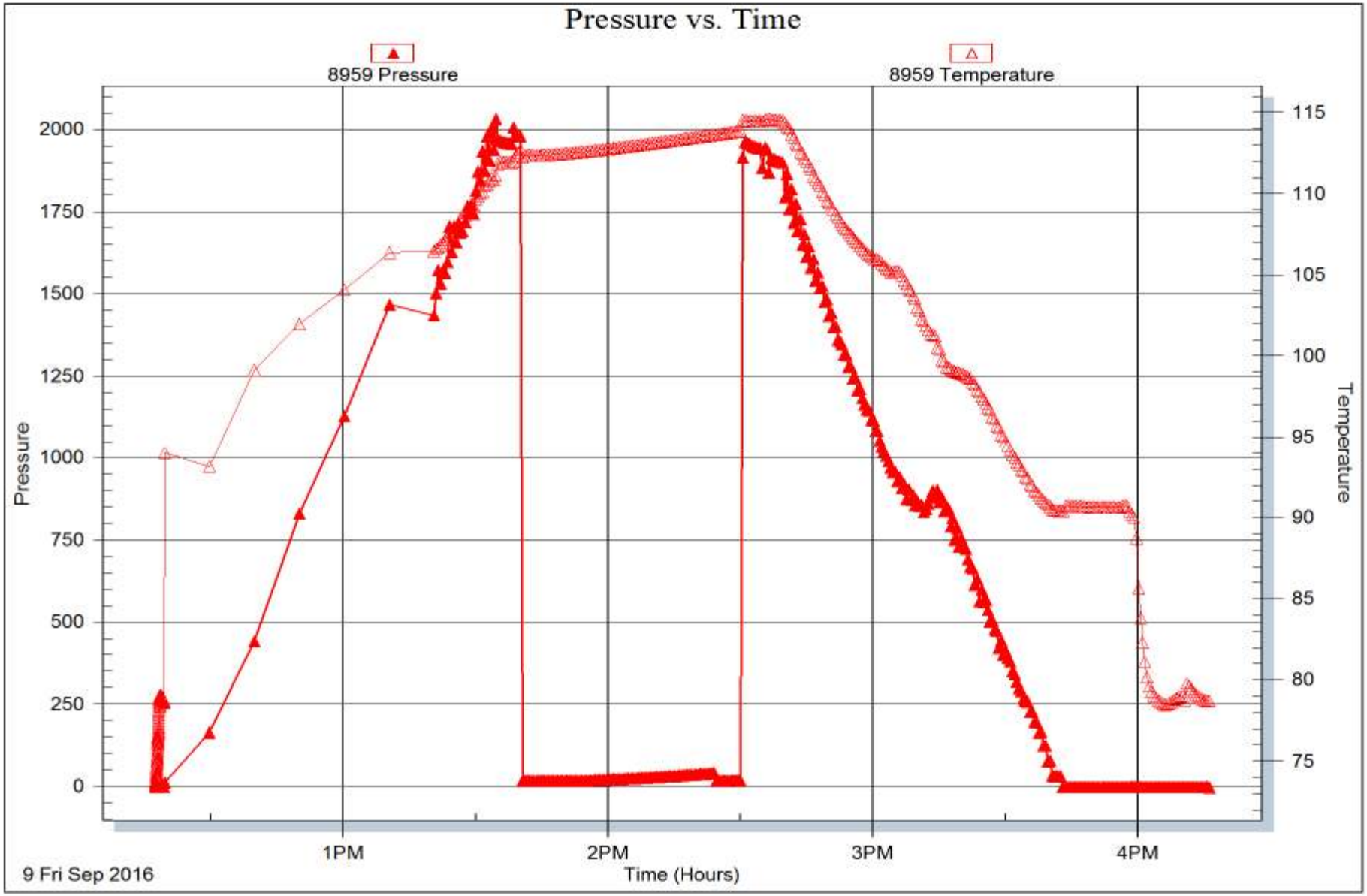
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6651 **Inside** Carmen Schmitt, Inc. CEO Trust #1-14 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 61277 Printed: 2016.09.12 @ 09:10:59

Serial #: 8959 **Outside** Carmen Schmitt, Inc. CEO Trust #1-14 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 61277 Printed: 2016.09.12 @ 09:10:59

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

CEO Trust #1-14

14-14s-26w Gove,KS

Start Date: 2016.09.10 @ 14:05:33
End Date: 2016.09.10 @ 19:46:03
Job Ticket #: 61278 DST #: 4

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

Printed: 2016.09.12 @ 09:10:26

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 61278 **DST#: 4**

Test Start: 2016.09.10 @ 14:05:33

GENERAL INFORMATION:

Formation: **Ft Scott & Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:03:33
Time Test Ended: 19:46:03

Test Type: Conventional Bottom Hole (Reset)
Tester: Brannan Lonsdale
Unit No: 73

Interval: 4246.00 ft (KB) To 4315.00 ft (KB) (TVD)
Total Depth: 4315.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

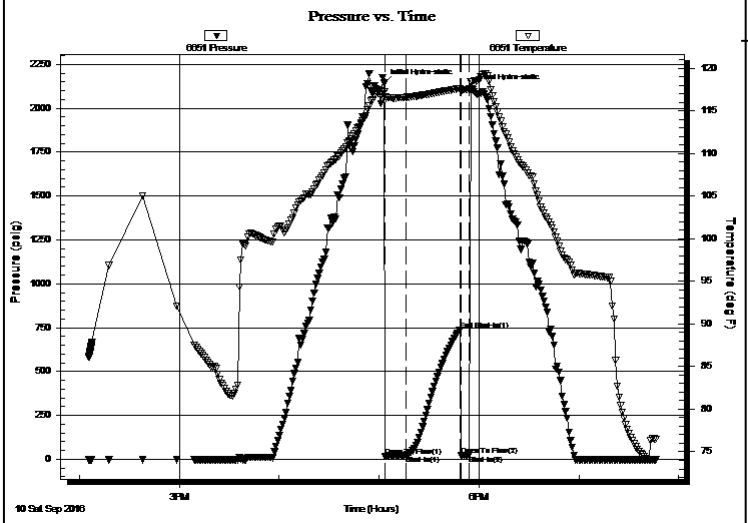
Reference Elevations: 2477.00 ft (KB)
2472.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6651 **Inside**

Press@RunDepth: 20.41 psig @ 4278.00 ft (KB)
Start Date: 2016.09.10 End Date: 2016.09.10
Start Time: 14:05:34 End Time: 19:46:03

Capacity: 8000.00 psig
Last Calib.: 2016.09.10
Time On Btm: 2016.09.10 @ 17:03:03
Time Off Btm: 2016.09.10 @ 17:55:33

TEST COMMENT: 15- IF- Surface blow died in 7 mins
30- ISI- No blow
05- FF- No blow Pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2142.69	117.21	Initial Hydro-static
1	18.36	116.25	Open To Flow (1)
13	20.41	116.56	Shut-In(1)
46	735.47	117.62	End Shut-In(1)
46	21.64	117.39	Open To Flow (2)
51	22.28	117.55	Shut-In(2)
53	2113.78	118.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M	0.02

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 61278 **DST#: 4**

Test Start: 2016.09.10 @ 14:05:33

GENERAL INFORMATION:

Formation: **Ft Scott & Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:03:33
Time Test Ended: 19:46:03

Test Type: Conventional Bottom Hole (Reset)
Tester: Brannan Lonsdale
Unit No: 73

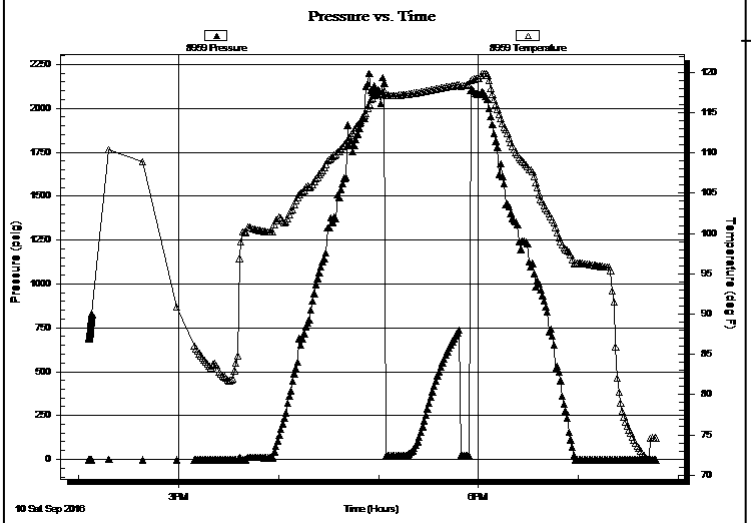
Interval: 4246.00 ft (KB) To 4315.00 ft (KB) (TVD)
Total Depth: 4315.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2477.00 ft (KB)
2472.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8959 **Outside**
Press@RunDepth: psig @ 4278.00 ft (KB)
Start Date: 2016.09.10 End Date: 2016.09.10
Start Time: 14:05:57 End Time: 19:46:26

Capacity: 8000.00 psig
Last Calib.: 2016.09.10
Time On Btm:
Time Off Btm:

TEST COMMENT: 15- IF- Surface blow died in 7 mins
30- ISI- No blow
05- FF- No blow Pulled tool



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M	0.02

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 61278 **DST#: 4**

Test Start: 2016.09.10 @ 14:05:33

Tool Information

Drill Pipe:	Length:	4212.00 ft	Diameter:	3.82	inches	Volume:	59.71	bbl	
Heavy Wt. Pipe:	Length:	ft	Diameter:		inches	Volume:	-	bbl	
Drill Collar:	Length:	29.00 ft	Diameter:	2.25	inches	Volume:	0.14	bbl	
						Total Volume:	-	bbl	

Drill Pipe Above KB:	22.00 ft
Depth to Top Packer:	4246.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	69.00 ft
Tool Length:	96.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2500.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		54000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	52000.00 lb
	Final	52000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4220.00		
Shut In Tool	5.00			4225.00		
Hydraulic tool	5.00			4230.00		
Jars	5.00			4235.00		
Safety Joint	2.00			4237.00		
Packer	5.00			4242.00	27.00	Bottom Of Top Packer
Packer	4.00			4246.00		
Stubb	1.00			4247.00		
Perforations	31.00			4278.00		
Recorder	0.00	6651	Inside	4278.00		
Recorder	0.00	8959	Outside	4278.00		
Change Over Sub	1.00			4279.00		
Drill Pipe	32.00			4311.00		
Change Over Sub	1.00			4312.00		
Bullnose	3.00			4315.00	69.00	Bottom Packers & Anchor
Total Tool Length:	**96.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc.

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

14-14s-26w Gove,KS

CEO Trust #1-14

Job Ticket: 61278 **DST#: 4**

Test Start: 2016.09.10 @ 14:05:33

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:	57.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2300.00 ppm				
Filter Cake:	inches				

Recovery Information

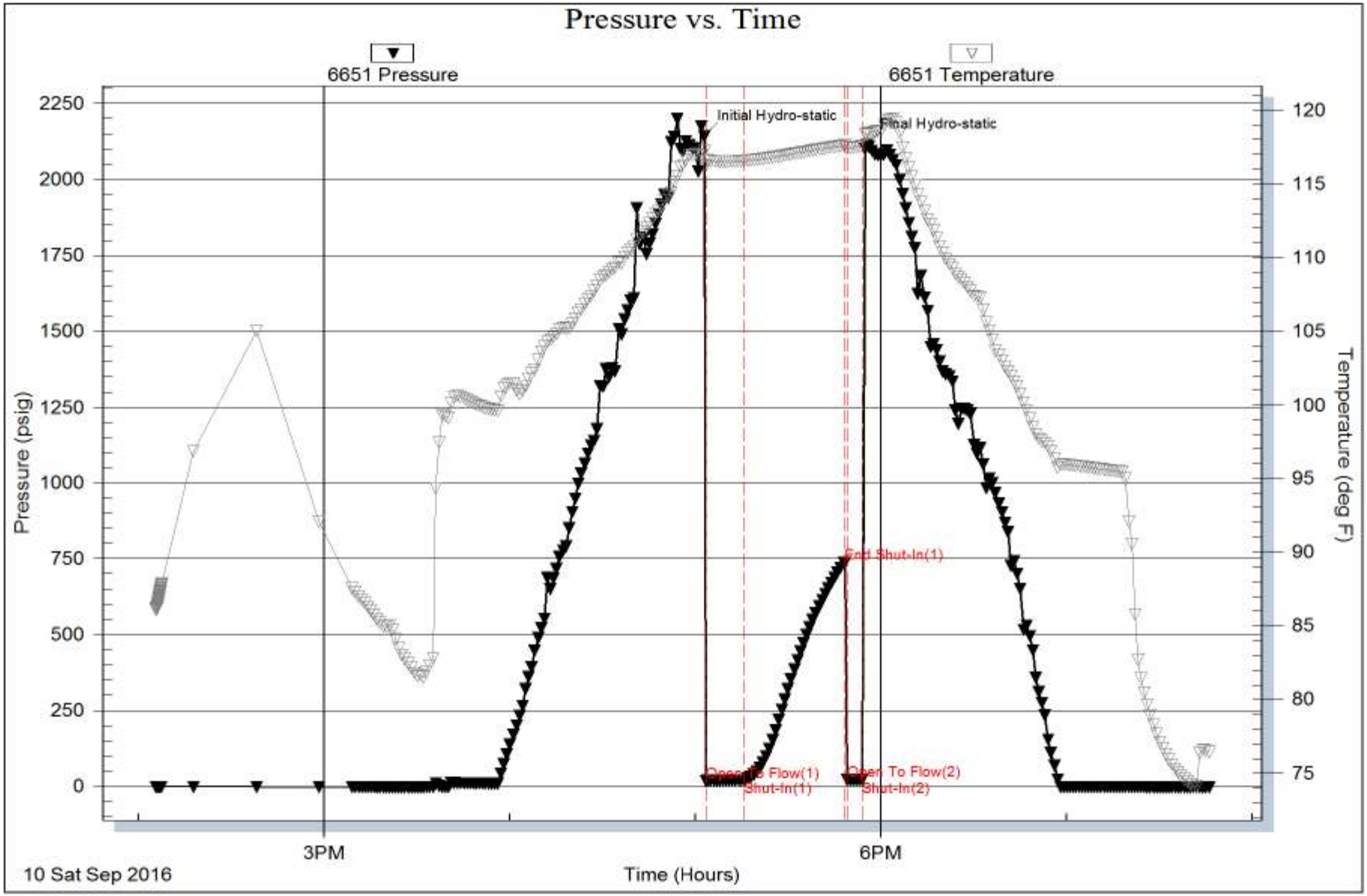
Recovery Table

Length ft	Description	Volume bbl
5.00	M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

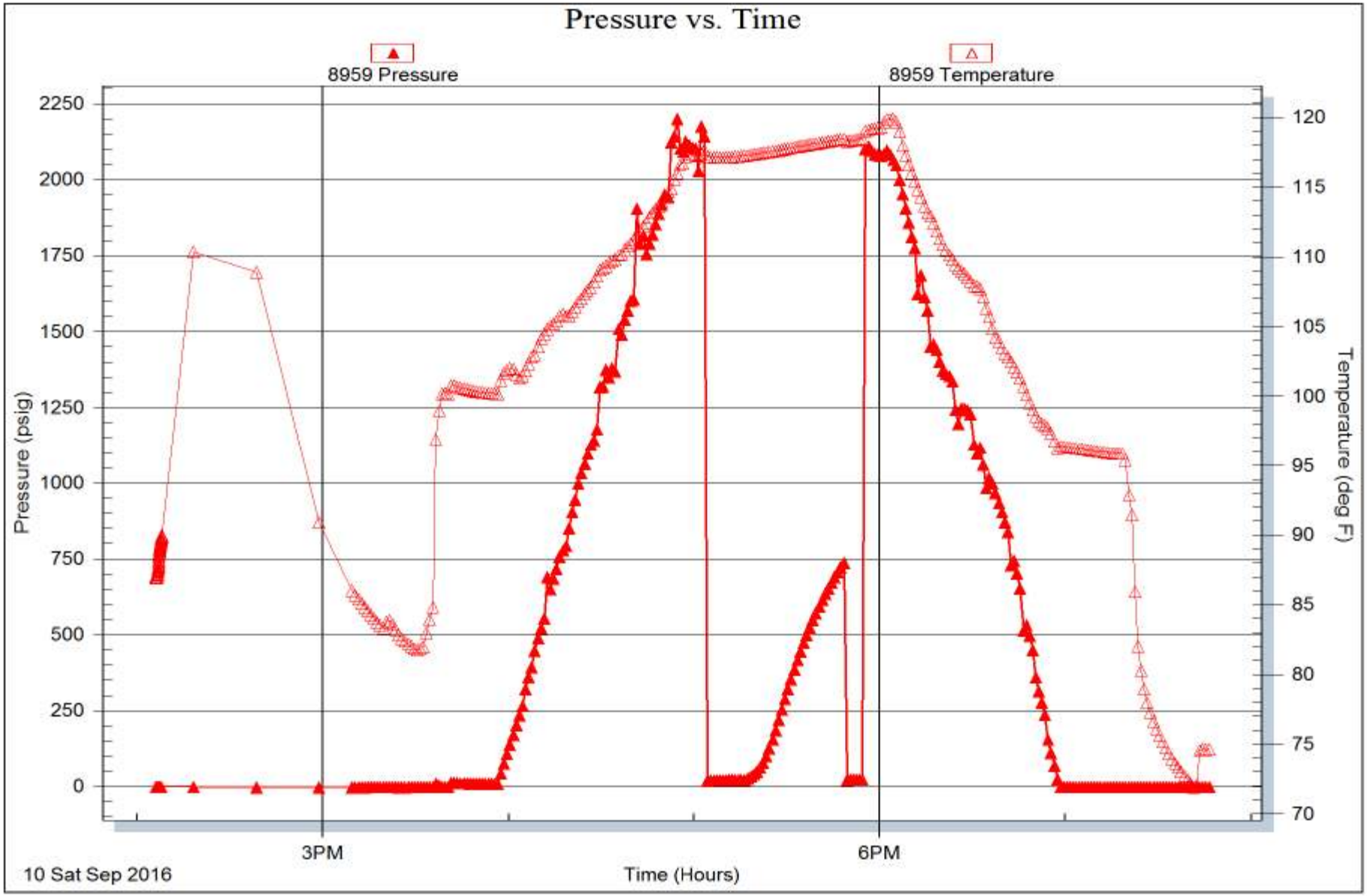
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6651 **Inside** Carmen Schmitt, Inc. CEO Trust #1-14 DST Test Number: 4



Trilobite Testing, Inc Ref. No: 61278 Printed: 2016.09.12 @ 09:10:27

Serial #: 8959 **Outside** Carmen Schmitt, Inc. CEO Trust #1-14 DST Test Number: 4



Trilobite Testing, Inc Ref. No: 61278 Printed: 2016.09.12 @ 09:10:28

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 58075

Well Name & No. CEO Trust 1-14 Test No. 1 Date 09/08/2016

Company Carmen Schmitt, Inc Elevation 2477 KB 2472 GL

Address PO Box 47 Great Bend KS 67530

Co. Rep / Geo. Brad Rine Rig Murfin 16

Location: Sec. 14 Twp. 14S Rge. 26W Co. Gove State KS

Interval Tested 3925 - 3960 Zone Tested LKC 'H'

Anchor Length 35 Drill Pipe Run 3895 Mud Wt. 8.9

Top Packer Depth 3920 Drill Collars Run 29 Vis 60+

Bottom Packer Depth 3925 Wt. Pipe Run WL 6.8

Total Depth 3960 Chlorides 1400 ppm System LCM 3#

Blow Description IF - ½ inch Blow thru out

ISI - No Blow

FF - No Blow ; pulled tool

Rec 20	Feet of Mud	%gas	%oil	%water 100	%mud
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 20 BHT 115° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1940	☒ Test 1050	T-On Location 1:27
(B) First Initial Flow 16	☒ Jars 250	T-Started ~~5:52~~ 1:47
(C) First Final Flow 20	☒ Safety Joint 75	T-Open 5:42
(D) Initial Shut-In 1201	☐ Circ Sub	T-Pulled 6:32
(E) Second Initial Flow 22	☐ Hourly Standby	T-Out 11:05
(F) Second Final Flow 24	☒ Mileage 130 RT 97.50	Comments
(G) Final Shut-In —	☐ Sampler	
(H) Final Hydrostatic 1923	☐ Straddle	☐ Ruined Shale Packer
	☐ Shale Packer	☐ Ruined Packer
Initial Open 15	☐ Extra Packer	☐ Extra Copies
Initial Shut-In 30	☐ Extra Recorder	Sub Total 0
Final Flow 5	☐ Day Standby	Total 1472.50
Final Shut-In ↑	☐ Accessibility	MP/DST Disc't
	Sub Total 1472.50	

Approved By Our Representative Brannon Lonsdale Spencer Staab

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 61276

Well Name & No. CEO Trust #1 Test No. 2 Date 09/08/2016

Company Carmen Schmitt Inc Elevation 2477 KB 2472 GL

Address PO Box 47 Great Bend KS 67530

Co. Rep / Geo. Brad Rine Rig Murfin #16

Location: Sec. 14 Twp. 14s Rge. 26w Co. Gove State KS

Interval Tested 4007 - 4035 Zone Tested LKC 'K'

Anchor Length 28 Drill Pipe Run 3959 Mud Wt. 9.4

Top Packer Depth 4002 Drill Collars Run 29 Vis 53

Bottom Packer Depth 4005 Wt. Pipe Run WL 6.8

Total Depth 4035 Chlorides 1500 ppm System LCM 3#

Blow Description IF - Surface Blow; died in 3 minutes

ISI - No Blow

FF - No Blow; Pulled tool @ 5 minutes

Rec 10	Feet of Mud w/ few oil spots in tool	%gas	%oil	%water 100	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	

Rec Total 10 BHT 117 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1975

(B) First Initial Flow 16

(C) First Final Flow 17

(D) Initial Shut-In 71

(E) Second Initial Flow 17

(F) Second Final Flow 17

(G) Final Shut-In -

(H) Final Hydrostatic 1941

Initial Open 15

Initial Shut-In 30

Final Flow 5

Final Shut-In ↑

- [X] Test 1150
- [X] Jars 250
- [X] Safety Joint 75
- [ ] Circ Sub
- [ ] Hourly Standby
- [X] Mileage 130 RT 97.50
- [ ] Sampler
- [ ] Straddle
- [ ] Shale Packer
- [ ] Extra Packer
- [ ] Extra Recorder
- [ ] Day Standby
- [ ] Accessibility

Sub Total 1572.50

T-On Location 22:10

T-Started 22:23

T-Open 1:04 09/09/2016

T-Pulled 1:54

T-Out 3:58

Comments

- [ ] Ruined Shale Packer
- [ ] Ruined Packer
- [ ] Extra Copies

Sub Total 0

Total 1572.50

MP/DST Disc't

Approved By Our Representative Damon Lonsdale

4/10

TRILOBITE TESTING INC.
1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61277

Well Name & No. CEO Trust #1-14 Test No. 3 Date 9/9/16
Company Carmen Schmitt, Inc. Elevation 2477 KB 2472 GL
Address PO Box 47 Great Bend, KS 67530
Co. Rep / Geo. Brad Rine Rig Murfin #16
Location: Sec. 14 Twp. 14 S Rge. 26 W Co. Gove State KS

Interval Tested 4030-4066 Zone Tested LKC "L"
Anchor Length 36' Drill Pipe Run 3991 Mud Wt. 9.3
Top Packer Depth 4025 Drill Collars Run 29 Vis 59
Bottom Packer Depth 4030 Wt. Pipe Run — WL 6.8
Total Depth 4066 Chlorides 2,500 ppm System LCM 2#

Blow Description IF - Surface blow died in 8 mins
ISI - No blow
FF - No blow Pulled tool

Rec 2	Feet of M	%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	Feet of	%gas	%oil	%water	%mud

Rec Total 2' BHT 113° Gravity ____ API RW ____ @ ____ °F Chlorides ____ ppm

(A) Initial Hydrostatic	1978	☒ Test 1150	T-On Location 1155
(B) First Initial Flow	15	☒ Jars 250	T-Started 1217
(C) First Final Flow	16	☒ Safety Joint 75	T-Open 1339
(D) Initial Shut-In	40	☐ Circ Sub	T-Pulled 1429
(E) Second Initial Flow	16	☐ Hourly Standby	T-Out 1616
(F) Second Final Flow	17	☒ Mileage 130 RT 97.50	Comments
(G) Final Shut-In	—	☐ Sampler	
(H) Final Hydrostatic	1961	☐ Straddle	☐ Ruined Shale Packer
		☐ Shale Packer	☐ Ruined Packer
Initial Open	15	☐ Extra Packer	☐ Extra Copies
Initial Shut-In	30	☐ Extra Recorder	Sub Total 0
Final Flow	51	☐ Day Standby	Total 1572.50
Final Shut-In		☐ Accessibility	MP/DST Disc't
		Sub Total 1572.50	

Approved By ____ Our Representative Brannan Lonsdale

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

4/10

Test Ticket

NO. 61278

Well Name & No. CEO Trust #1-14 Test No. 4 Date 9/10/16

Company Carmen Schmitt, Inc. Elevation 2477 KB 2472 GL

Address PO Box 47 Great Bend, KS 67530

Co. Rep / Geo. Brad Rine Rig Murfin #16

Location: Sec. 14 Twp. 14 S Rge. 26 W Co. Gove State KS

Interval Tested 4246-4315 Zone Tested Ft. Scott & Cherokee

Anchor Length 69' Drill Pipe Run 4212 Mud Wt. 9.3

Top Packer Depth 4241 Drill Collars Run 29 Vis 57

Bottom Packer Depth 4246 Wt. Pipe Run — WL 6.8

Total Depth 4315 Chlorides 2300 ppm System LCM 2#

Blow Description IF - Surface blow died in 7 mins

ISI - No blow

FF - No blow Pulled tool

Rec 5	Feet of M	%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	Feet of	%gas	%oil	%water	%mud

Rec Total 5' BHT 118° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	2143	☒ Test 1150	T-On Location 1343
(B) First Initial Flow	18	☒ Jars 250	T-Started 1405
(C) First Final Flow	20	☒ Safety Joint 75	T-Open 1703
(D) Initial Shut-In	735	☐ Circ Sub	T-Pulled 1753
(E) Second Initial Flow	22	☐ Hourly Standby	T-Out 1946
(F) Second Final Flow	22	☒ Mileage 130 RT 195	Comments Loaded tools 9/11 @ 1430
(G) Final Shut-In	—	☐ Sampler	
(H) Final Hydrostatic	2114	☐ Straddle	☐ Ruined Shale Packer
		☐ Shale Packer	☐ Ruined Packer
Initial Open	15	☐ Extra Packer	☐ Extra Copies
Initial Shut-In	30	☐ Extra Recorder	Sub Total 0
Final Flow	51	☐ Day Standby	Total 1670
Final Shut-In		☐ Accessibility	MP/DST Disc't
		Sub Total 1670	

Approved By _____ Our Representative Braman Lonsdale

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.

M. Bradford Rine
Consulting Geologist

Certified; Licensed: AAPG/DPA, SIPES; Kansas, Wyoming
Mobile Phone: (316) 250-5941

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

Well Name:	**CEO Trust #1-14 - Carmen Schmitt, Inc.**		
API:	**15-063-22293-00-00**		
Location:	**E2-SW-SW-NW, Section 14-14S-26W**		
License Number:	**Ks #6569**	**Region:**	**Gove Co., Kansas**
Spud Date:	**September 03, 2016**	**Drilling Completed:**	**September 11, 2016**
Surface Coordinates:	**2310' FNL & 641' FWL,**		**of Section**
	Results: D &A		
Bottom Hole Coordinates:	**Vertcal Wellbore**	**Field:**	**Wildcat**
Ground Elevation (ft):	**2472 Ft.**	**K.B. Elevation (ft):**	**2477 Ft.**
Logged Interval (ft):	**3400 Ft. To: 4450 Ft.**	**Total Depth (ft):**	**RTD 4450 Ft. LTD 4447 Ft.**
Formation:	**Mississippi at Total Depth**		
Type of Drilling Fluid:	**Chemical**		

Operator

Company: Carmen Schmitt, Inc.
Address: PO Box 47
Great Bend, Kansas 67530-0047

Geologist

Name: M. Bradford Rine
Company: Consulting Geologist, Kansas Lic. #204, Wyo #189, AAPG Cert. #2647
Address: 100 South Main, Suite #415
Wichita, Kansas 67202

Remarks

Based on sample observations, drill stem test results, and electric log evaluation, it was the decision of the Operator, to plug and abandon the "CEO Trust #1-14", on September 11, 2016.

Respectfully submitted,
M. Bradford Rine, geologist

Drilling Information

Rig: Murfin Drilling Company, Inc., Rig #16
Pump: Emsco D-375 6x14
Drawworks: Cardwell Royale
Collars: 510' 6-1/4 x 2-1/4
Drillpipe: 4-1/2" 16.6#
Toolpusher: Andy Dinkel

Mud: Mudco (Gary Schmidtberger)
Gas Detector: None
Drill Stem Tests: Trilobite (Brannan Lonsdale)
Logs: Pioneer (J. Long)
Water: Irrigation Well, appr 3 miles north (Harvey Ground)
Company Representatives:
Office: Carmen Schmitt
Field: None

Daily Drilling Status

Date:	Operations/Depth/Comments
09-03-16	MIRT, RU, Spud @ 0'
09-04-16	Drilling @ 300'
09-05-16	Trip Out of Hole to Strap Pipe @ 2150'
09-06-16	Drilling @ 2990'
09-07-16	Drilling @ 3730'
09-08-16	On Bottom/DST #1 @ 3960'
09-09-16	Circ To Condition Hole After DST 2 @ 4035'
09-10-16	Drilling @ 4250'
09-11-16	Drilling @ 4445', RTD 4450' @ 7:15 AM
09-12-16	Plugged at 12:30 am, RTD 4450'

	Results:			(Well A)	Oil	(Well B)	Oil		
	Carmen Schmitt, Inc.			Carmen Schmitt		Carmen Schmitt			
	CEO Trust 1-14			Lipp-Harvey Unit 1-12		WP Unit 1-7			
	2310'FNL & 641'FWL			330'FSL & 2450'FEL		2626'FNL & 1494'FWL			
	Sec. 14-14S-26W			Sec. 12-14S-26W		Sec. 7-14S-25W			
	2477 Ft. KB			2464 Ft. KB		2439 Ft. KB		Well A	Well B
Formations	Sample	E-Log	Datum	E-Log	Datum	E-Log	Datum	Comparison(s)	
Anhydrite	1951	1946	531	1924	540	1893	546	-9	-15
B/Anhydrite	1991	1987	490	1963	501	1930	509	-11	-19
Tarkio	3357	3350	-873	3319	-855	3283	-844	-18	-29
Heebner Sh.	3740	3734	-1257	3706	-1242	3668	-1229	-15	-28
Toronto	3762	3754	-1277	3726	-1262	3688	-1249	-15	-28
Lansing	3777	3773	-1296	3744	-1280	3706	-1267	-16	-29
Muncie Creek Sh.	3927	3919	-1442	3891	-1427	3856	-1417	-15	-25
Stark Sh.	4008	4002	-1525	3974	-1510	3937	-1498	-15	-27
B/Kansas City	4062	4054	-1577	4028	-1564	3992	-1553	-13	-24
Marmaton	4104	4100	-1623	4074	-1610	4036	-1597	-13	-26
Altamont	4134	4130	-1653	4096	-1632	4056	-1617	-21	-36
Pawnee	4202	4193	-1716	4174	-1710	4136	-1697	-6	-19
Ft. Scott	4263	4259	-1782	4236	-1772	4200	-1761	-10	-21
Cherokee Sh.	4290	4284	-1807	4261	-1797	4222	-1783	-10	-24
Mississippian	4273	4368	-1891	4294	-1830	4296	-1857	-61	-34
Total Depth	4450	4447	-1970	4440	-1976	4375	-1936	6	-34

Casing Record, Bit Record, Deviation Surveys

CASING:

Conductor: None

Surface: Set 8-5/8" casing @ 218', (Copeland) Cement with 175 sx Poz, 3%CC, 2%Gel. Cement did Circulate. Plug down at 5:15 AM, Sept 04, 2016.

Production: P&A, Plugged as follows: (Copeland) 16/40 poz, 4% gel, 0.25# floseal: 50 sx @ 1970', 100 sx @ 950', 50 sx @ 270', 10 sx @ 40', 50 sx in rathole, 10 sx in mousehole. Plugging completed at 8:30 p.m. 9-11-16. Rigged down rotary tools. Rig released 12:30 a.m, 9-12-16.

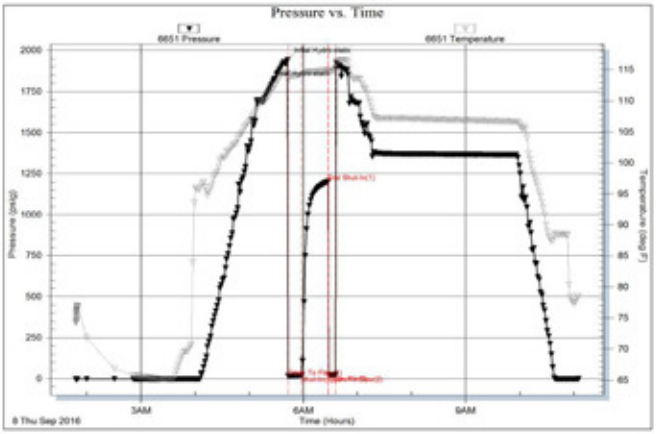
BITS:

No.	Size	Make	Model	Depth In	Depth Out	Hours
1	12-1/4	Varel	ERT	0	220	3.5
2	7-7/8	HTC	GX20C	220	4450	92.5

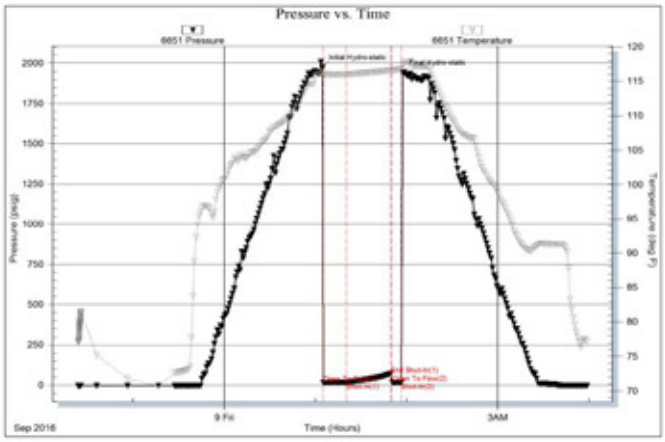
DEVIATION SURVEYS:

Deviation:	Depth:	Deviation:	Depth:
1/4*	220'	3/4*	3960'
5/8*	2167'	3/4*	4450'

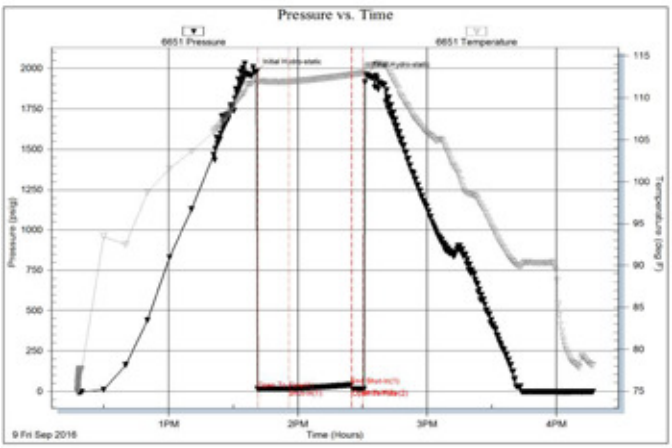
DST #1: 3925-3960 (LKC H)
Times: 15-30-05-out
Initial Open: Wk Blow, built to 1/2"
Final Open: No Blow
Rec: 20' mud/oil spots in tool
IHP: 1940 FHP: 1923
IFP: 16-20 FFP: 22-24
ISIP: 1201 FSIP: NA
BHT: 115*F



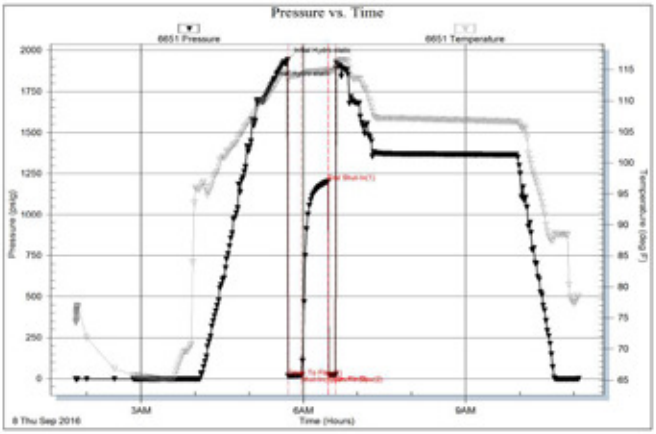
DST #2: 4007-4035 (LKC K)
Times: 15-30-05-out
Initial Open: Wk surf blow, died 3 min
Final Open: No Blow
Rec: 10' mud with oil spots in tool
IHP: 1975 FHP: 1941
IFP: 16-17 FFP: 17-17
ISIP: 71 FSIP: NA
BHT: 117*F



DST #3: 4030-4066 (LKC L)
Times: 15-30-05-out
Initial Open: Wk Surf Blow, died 8 min
Final Open: No Blow
Rec: 2' mud
IHP: 1978 FHP: 1961
IFP: 15-16 FFP: 16-17
ISIP: 40 FSIP: NA
BHT: 113*F



DST #4: 4246-4315 (Ft. Scott, Cke Lime)
Times: 15-30-05-out
Initial Open: Wk Surf Blow, died 7 min
Final Open: No Blow
Rec:5' mud
IHP: 2143 FHP: 2114
IFP: 18-20 FFP: 22-22
ISIP: 735 FSIP: NA
BHT: 118*F



Rock Types

Anhy
Bent
Brec
Cht
Clyst
Black shale
Congl
Dol
Gyp
Igne
Lmst
Meta
Mrlst
Salt
Shale
Shcol
Shgy
Sltst
Ss
Till
Sltysh
Shlysiltst
Sandyls

Accessories

MINERAL
Anhy
Arggrn
Arg
Bent
Bit
Brecfrag
Calc
Carb
Chtdk
Chtlt
Dol
Feldspar
Ferrpel
Ferr
Glau
Gyp
Hvymin
Kaol
Marl
Minxl
Nodule
Phos
Pyr
Salt
Sandy
Silt
Sil
Sulphur
Tuff

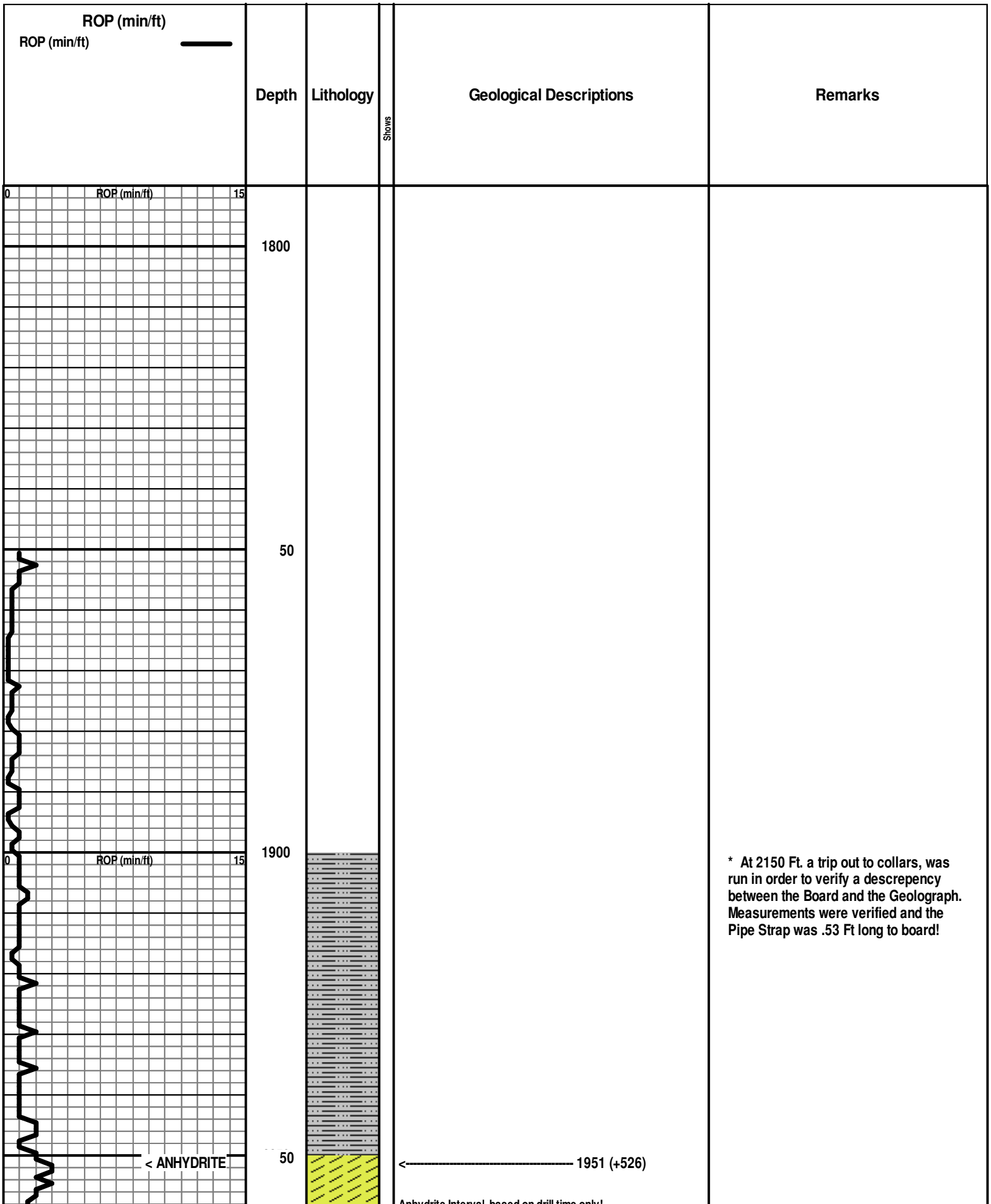
FOSSIL
Algae
Amph
Belm
Bioclst
Brach
Bryozoa
Cephal
Coral
Crin
Echin
Fish
Foram
Fossil
Gastro
Oolite
Ostra
Pelec
Pellet
Pisolite
Plant
Strom

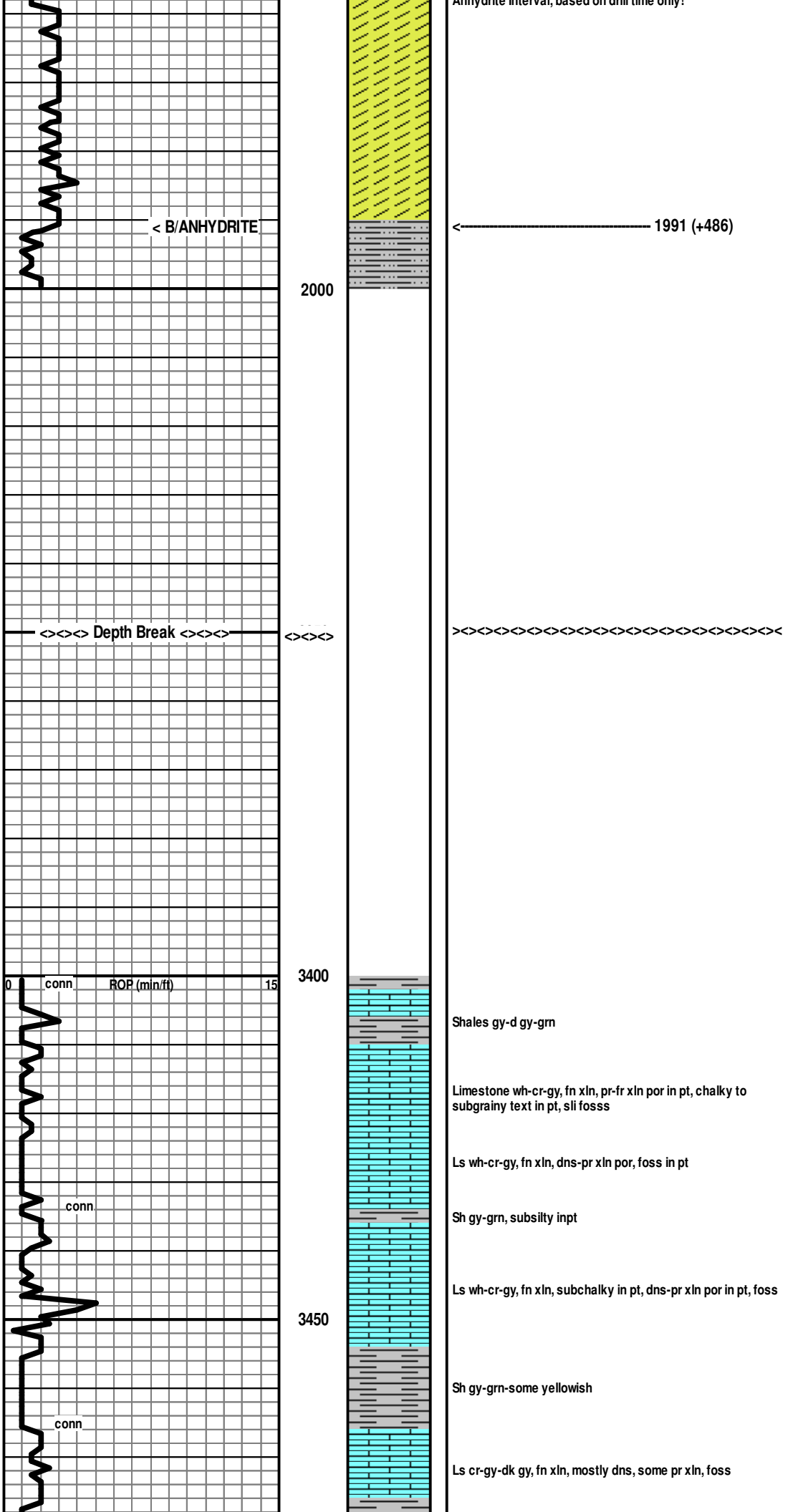
STRINGER
Anhy
Shale
Bent
Coal
Dol
Gyp
Ls
Mrst
Sltstrg
Ssstrg

TEXTURE
Boundst
Chalky
Cryxln
Earthy
Finexln
Grainst
Lithogr
Microxln
Mudst
Packst
Wackest

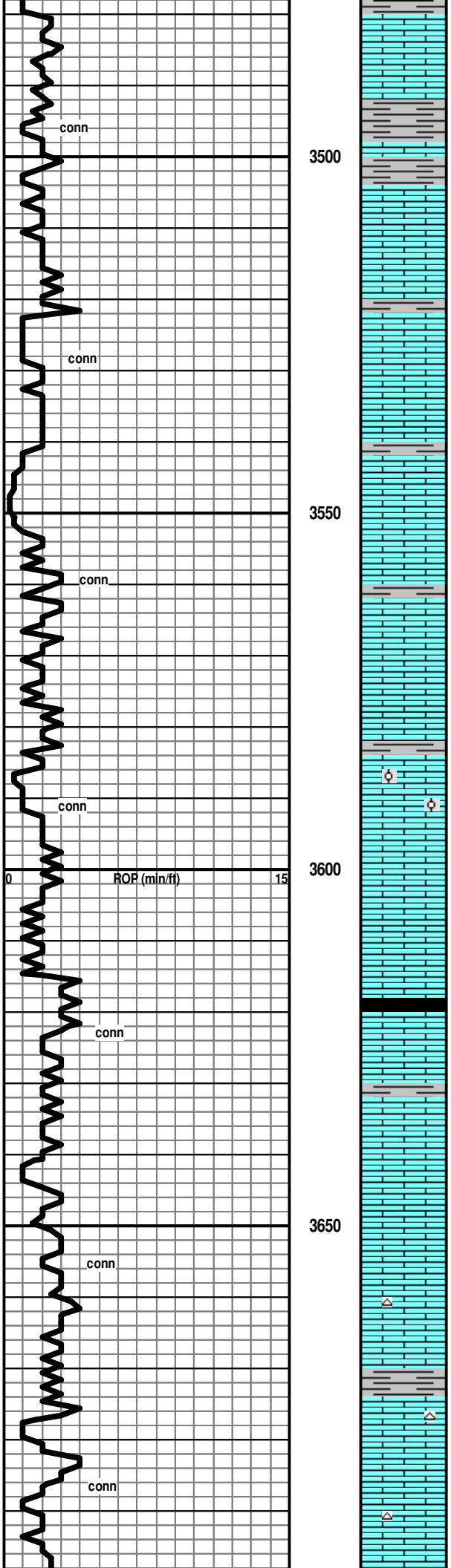
Other Symbols

OIL SHOW			INTERVAL
Gas show	Spotted	Gas	Top & base of dst
Even	Trace/questionable		Dst
	Dead		





* Displace & Mudup @ 3274 Ft., job completed @ 3301 Ft.!



3500

3550

3600

3650

sh gy-dk gy

Ls cr-gy-dk gy, fn xln, mostly dns, some pr xln, foss

sh gy-dk gy

80% Sh gy-dk gy; 20% Ls cr-gy, fn xln dns

(Spls 50-70% shales, gy-dk gy)

Ls cr-gy, fn xln, some chalky, fr-fr xln por in pt, foss in pt

[No Show]

Sh gy

Ls wh-cr-gy, fn xln, fr sln por in pt, foss

Sh gy

Ls cr-tan-gy, fn xln, pr-fr xln por, some grainy text, foss

Ls cr, fn xln, pr xln por, chalky in pt, ool in pt, foss

Ls wh-cr, fn xln, pr-fr xln por in pt, subchalky in pt foss-abund foss

[No Show]

Sh black, carb

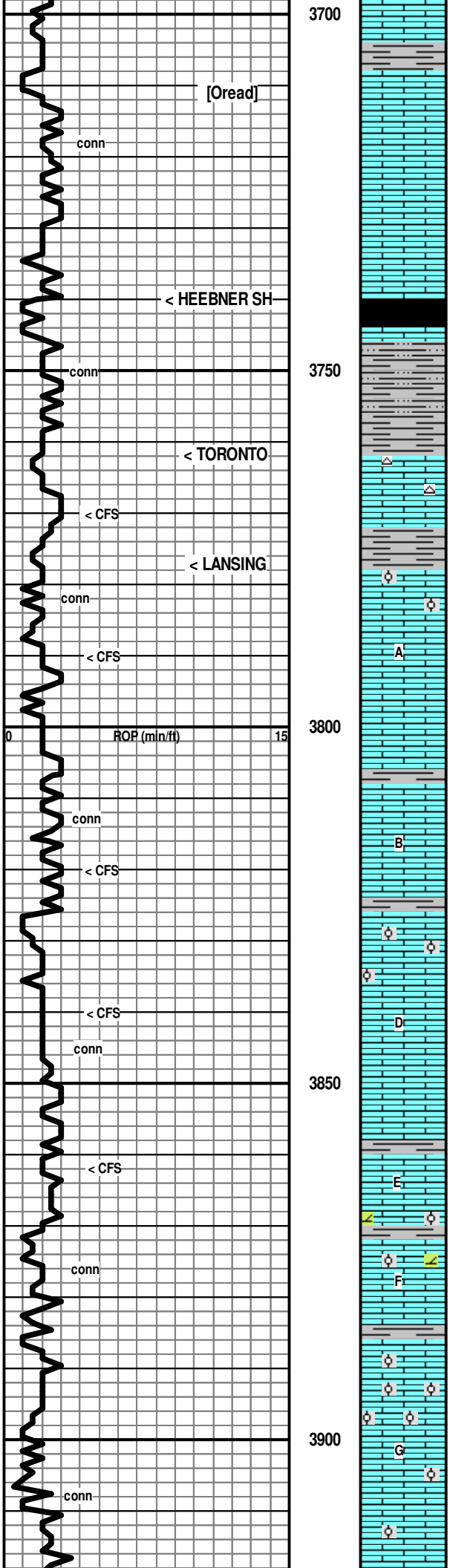
Ls wh-cr, fn xln, pr-fr xln por in pt, subchalky-chalky, in pt foss-abund foss

Ls wh-cr-gy, fn xln, fr-gd xln por in pt, scatt pp pores, some chalky, foss to abund foss

Ls wh-cr, fn xln, pr xln por in pt, scatt pp pores, some chalky, foss to abund foss, chert: fresh, gy, subtransl

[No Show]

Ls wh-cr-tan, fn xln, pr-fr xln por, foss, chert: fresh, tan, subtransl, foss/spiculitic, shales gy-grn



Ls wh-cr-gy, fn xln. pr-fr xln por, foss

[No Show]

7:00 AM, September 07, 2016

<---------- 3740 (-1263)

Sh black, carb (sli represented in 3750' spl, abund in 3760' spl)

Sh, Silty Shale, Shaley Siltst, gy-wh-grn

<---------- 3762 (1285)

Ls wh-cr, fn xln, fr-gd xln por in pt, scatt pp pores, some chalky, foss to abund foss

[No Show]

Mud Check, CFS @ 3770':

Vis	Wt	WL	LCM	PV	YP
60	8.9	6.8	3	19	28
Chl	Hd	pH	Solids		
1400	nil	11.5	4.3		

Sh gy-grnish

<---------- 3777 (-1300)

Ls wh-cr, fn xln, pr-fr xln por in pt, scatt pp pores, chalky in pt, foss, ool in pt, scatt transl calcite inclusions

[No Show]

Ls wh-cr, fn xln, dns in pt, pr-fr xln por in pt, subgrainy text in pt, foss

Sh gy-grn

Ls wh-cr, fn xln, pr-fr xln por in pt, chalky in pt, foss to abund foss

[No Show]

Sh gy-grn

Ls cr-tan, fn xln, dns in pt, pr-fr xln por in pt, foss, ool in pt,scatt interool pores, scatt pp pores & sm vugs

[No Show]

Ls cr, fn xln, pr xln por, foss

Sh gy

Ls wh-cr, fn xln, mostly dns with some scatt pr xln por, scatt calcite patches, foss

[No Show]

Sh gy-grn

Ls wh-cr, fn xln, dolom text in pt, pr-fr xln por, foss in pt, ool in pt with scatt interool pores

[No Show]

Sh gy

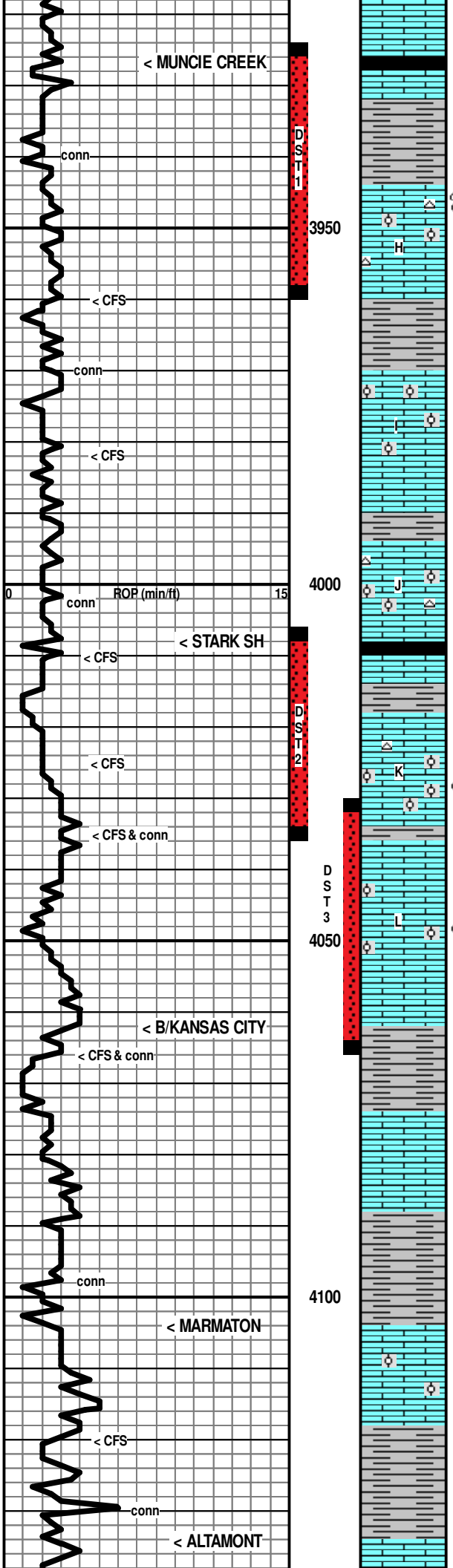
Ls wh-cr, fn xln, chalky in pt, pr-fr xln por in pt, ool & sli oom in pt

[No Show]

Ls wh-cr, fn xln, chalky in pt, pr-fr xln por in pt,

Ls wh-cr, fn xln, chalky in pt, dns to pr xln por in pt, scatt ool, some foss

Pipe Strap @ 3960 Ft: 1.98 ft



<---------- 3927 (-1450)

Sh black, carb (abund in 3940' spl)

Sh grn-gy-red, subsilty text in pt

Ls wh-cr, fn xln, subchalky in pt, dns to pr xln por in pt, foss, ool-well cem (some ool weath'd to gy), chert: grainy text, wh-gy, opaq

No Odor, Rr pcs with mod speckled fluor, V Rr pcs per tray with sparce spotty dk stn with trace dk brn micro-drops FO on crush]

Ls wh-cr, fn xln, chalky in pt, dns to pr xln por in pt, chert: fresh, tan-or, transl

Sh gy-grn-red

Ls wh-cr-tan, vfn-fn xln, softer & subchalky to dns & firm, widely scatt pp pores, foss

[No Show]

Ls cr, fn xln, packed ool (much well-cem, Scatt interool pores) brittle

Sh gy-grn, silty text in pt

Ls wh-cr-tan, fn xln, chalky in pt, pr xln por in pt, ool (some interool pores, some well cem), Abund Chert: fresh, tan, transl

[No Show]

<---------- 4008 (-1531)

Sh black, carb (abund in 4000'/40-min spl)

Abund gy-grn-brn & black/carb shales in 4025' 20-min spl

Ls wh-cr-gy, fn xln, chalky in pt, pr xln por in pt, some dns, foss

[No Show, above 4025']

Ls wh-cr, fn xln, subchalky in pt, pr xln por in pt, dns in pt, widely scatt poorly developed vugs, sli foss, ool in pt with scatt interool pores, sli cherty

[Mild Odor, Scatt Mod-Brt Fluor, Low-mod % pcs with Spotty Brn Stn, Trace-Sli Shows of lt brn to dk brn FO on brk, Few pcs with mod show of FO,VSli Gassy, some NVL oil]

Ls wh-cr-tan, fn xln, dns in pt, chalky in pt, pr xln por in pt, a few grainy text pcs with fr xln por, sli foss to abun foss, ool in pt (mostly well-cem)

[No Odor, Scatt dull-mod fluor, V low % pcs with spotty to patchy brn Stn, Trace to Sli Shows of Lt Brn-Dk Brn FO on brk, Few pcs with fr-gd show dk brn FO]

Ls cr-tan, fn xln, dns, foss

<---------- 4062 (-1585)

Sh gy-dk gy-pl grn-grn-brn-red, silty in pt

Ls wh-cr-gy, v fn-fn xln, chalky in pt, some grainy with chalky cemented pcs, dns in pt, foss in pt

[No Show]

Sh gy-grn-yellowish grn, waxy to subsilty text in pt, some loose grainy pyrite pcs

<---------- 4104 (-1627)

Ls wh-cr-tan, fn xln, dns, ool & foss in pt (well-cem)

[No Show]

Sh pl gy-gy-grn

<---------- 4134 (-1657)

Ls cr-tan-gy, fn xln, mostly dns, some chalky with scatt grains

Pipe Strap @ 3960 Ft. 1.50 ft long to board!

DST #1: 3925-3960 (LKC H)
Times: 15-30-05-out
Initial Open: Wk Blow, built to 1/2"
Final Open: No Blow
Rec: 20' mud/oil spots in tool
IHP: 1940 FHP: 1923
IFP: 16-20 FFP: 22-24
ISIP: 1201 FSIP: NA
BHT: 115*F

7:00 AM, September 09, 2016

Mud Check, TOOH,waiting on rig repair @ 3960':

Vis	Wt	WL	LCM	PV	YP
53	9.4	6.8	3	21	29

Chl	Hd	pH	Solids
1500	Tr	11.5	7.8

DST #2: 4007-4035 (LKC K)
Times: 15-30-05-out
Initial Open: Wk surf blow, died 3 min
Final Open: No Blow
Rec: 10' mud with oil spots in tool
IHP: 1975 FHP: 1941
IFP: 16-17 FFP: 17-17
ISIP: 71 FSIP: NA
BHT: 117*F

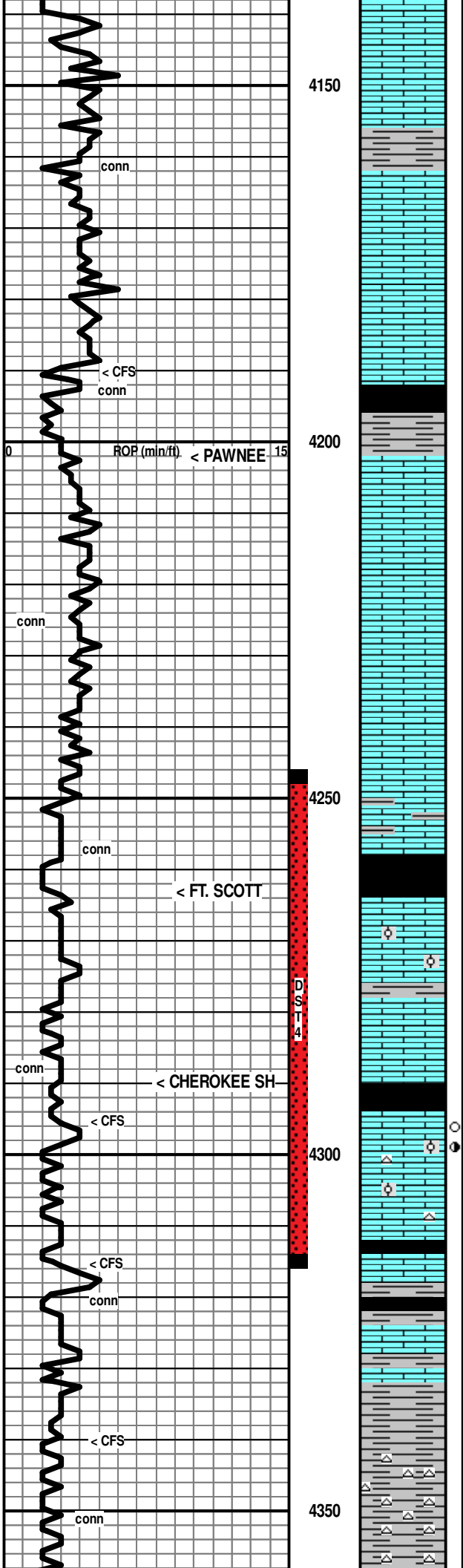
7:00 AM, September 09, 2016

Mud Check, CTCH @ 4035':

Vis	Wt	WL	LCM	PV	YP
59	9.3	6.8	2	19	27

Chl	Hd	pH	Solids
2500	Tr	11.0	7.0

DST #3: 4030-4066 (LKC L)
Times: 15-30-05-out
Initial Open: Wk Surf Blow, died 8 min
Final Open: No Blow
Rec: 2' mud
IHP: 1978 FHP: 1961
IFP: 15-16 FFP: 16-17
ISIP: 40 FSIP: NA
BHT: 113*F



Ls cr-tan-gy, vfn-fn xln, mostly dns, some chalky with scatt grains, foss to abund foss

[No Show]

Ls cr-tan-gy, vfn-fn xln, dns & firm in pt, chalky in pt, some grainy text with chaky cement, foss

Ls cr-gy, vfn-fn xln, mostly dns with some chalky edges, sli foss in pt

Sh gy

[No Show]

Ls cr-tan-gy, vfn-fn xln, mostly dns with some chalky pcs, v few foss

Ls cr-tan-gy, vfn-fn xln, mostly dns with some chalky pcs, v few foss

Sh gy-grn-black, subsilty text in pt, carb in pt

<---------- 4202 (-1725)

Ls wh-cr-tan, vfn-fn xln, mostly dns & firm, some softer & chalky, Rr foss

[No Show]

Ls cr to mostly tan, vfn xln, dns, subxln text in pt, Rr foss

[No Show]

Ls tan, vfn xln, grainy to subxln smooth text, dns

7:00 AM, September 10, 2016

Ls tan-gy, vfn xln, dns, shaley in pt

Sh black, carb (abund in 4270' spl)

<---------- 4263 (-1786)

Ls cr-tan, vfn-fn xln, mostly dns & firm, some chalky edges, foss

[No Show]

Ls cr, fn xln, dns, foss-abund foss, ool in pt (well-cem)

Ls cr-tan-brn, vfn-fn xln, mostly dns, some pr xln por, some chalky pcs, foss-abund foss, some pcs speckled with pyrite

Mud Check, Drlg @ 4280':

Vis	Wt	WL	LCM	PV	YP
57	9.3	6.8	2	16	25

Chl	Hd	pH	Solids
2300	Tr	10.5	7.0

[No Show?, see below]

<---------- 4290 (-1813)

Sh black, carb

Ls cr, fn xln, mostly dns, few pcs with pr xln por, v rr pp pores, V Rr vugs, foss, few ool pcs, chert: fresh, gy, spic, subtransl

[4300' spl thru 4315' spls: had a few pcs per tray with: No Odor, Scant lt brn stn to dk patchy & spotty stn, a few of those pcs had trace-Sli shows of lt brn-dk brn FO, v sli gassy in pt, on brk]

DST #4: 4246-4315 (Ft. Scott, Cke Lime)
Times: 15-30-05-out
Initial Open: Wk Surf Blow, died 7 min
Final Open: No Blow
Rec: 5' mud
IHP: 2143 FHP: 2114
IFP: 18-20 FFP: 22-22
ISIP: 735 FSIP: NA
BHT: 118*F

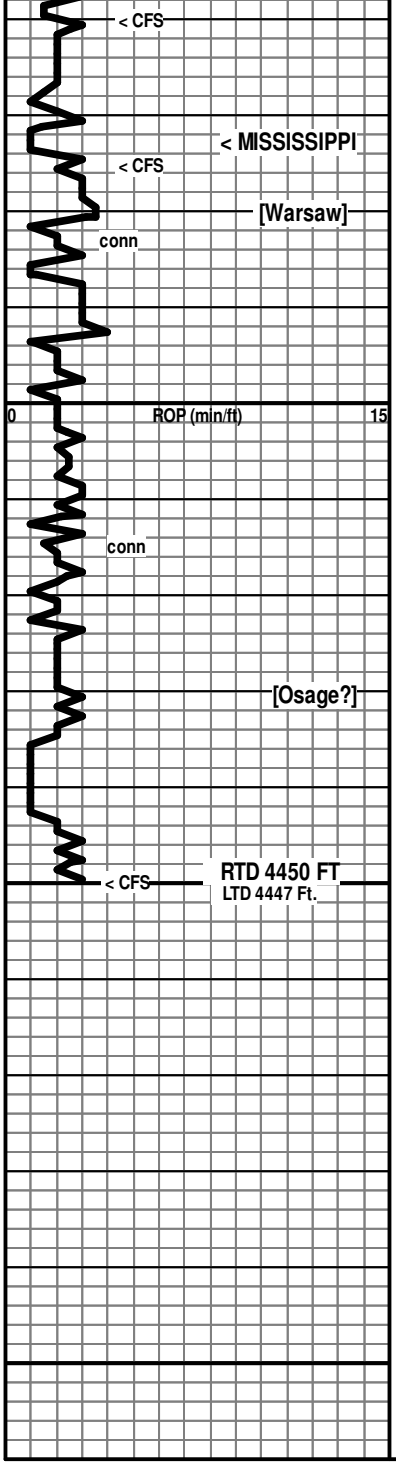
Mix of shales & limestones, shales gy-grn-red-blk: subwaxy-subsilty-subfiss, scatt embedded foss; Limestones: wh-cr, fn xln, dns

50% Sh gy-grn-red-brn-yell-lav, waxy-subwaxy-subfiss, scatt emdedded subrd glassy fn sand grains

35% abund fresh to sli grainy text chert in 4360' spl: wh-cr-tan-or, opaq to transl, some spic, some fractures recement with clear glassy chert

15% wh dns limestone

[No Show]



4400

4450

4500

4375' spls: 60% shales gy-grn-yell-lav-red, waxy to sdy; 25% Dol cr-tan, fn xln, sucrosic, pr-fr xln por, scatt pp pores & vugs; 25% Chert wh-cr-tan, transl-opaq, fresh to subgrainy, foss in pt; Tr% md-crs sdy-cherty congl

[No Show]

<---------- 4373 (-1896)

Dol cr, fn xln, sucrosic, pr-fr xln por, mod am't of pp pores & vugs, abund chert: mostly fresh, wh, opaq, some sli etched surfaces, some transl

[No Show]

Dol Ls & Dol cr, fn xln, sucrosic, pr-fr xln por, mod am't of pp pores & vugs, abund chert: mostly fresh, wh, opaq, some sli etched surfaces, some transl (still carrying about 50% shales)

Dol Ls, wh-cr, fn xln, dns-p rxln por, sli cherty

Dol, fn xln, pr xln por, some grainy text, sli cherty, fresh, wh-vc,transl to opaq, trace of spiculites

Dol, fn xln, pr xln por, some grainy text, some chalky cem, abund cherty, fresh, wh-vc,transl to opaq, trace of spiculites

4450' circ spls: mix of Dol & chert...Dol: wh-cr, fn xln, chalky in pt, pr xln por in pt, grainy to sucr text; Chert: fresh, wh-cr-tan, opaq-transl, spic in pt

[No Show]

Mud Check, Short Tripping @ 4450':

Vis	Wt	WL	LCM	PV	YP
60	9.5	6.8	2	19	35
Chl	Hd	pH	Solids		
2500	20	10.5	8.4		

7:00 AM, September 11, 2016

RTD 4450 Ft., at 7:15 AM, September 11, 2016!