

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 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) (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	Murfin Drilling Co., Inc.
Well Name	MARINTZER 1-4
Doc ID	1456476

All Electric Logs Run

DIL
DUCP
MEL
BHCS



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co. Inc.**

250 N. Water STE 300
Wichita KS 67202

ATTN: Keith Reavis

Marintzer #1-4

4-2s-36w Rawlins,KS

Start Date: 2019.03.27 @ 16:00:00

End Date: 2019.03.27 @ 23:32:30

Job Ticket #: 65296 DST #: 1

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

Printed: 2019.03.29 @ 13:31:13



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc.

4-2s-36w Rawlins,KS

250 N. Water STE 300
Wichita KS 67202

Marintzer #1-4

Job Ticket: 65296

DST#: 1

ATTN: Keith Reavis

Test Start: 2019.03.27 @ 16:00:00

GENERAL INFORMATION:

Formation: **LKC " A - D "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:41:50

Time Test Ended: 23:32:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Nichols

Unit No: 71

Interval: 3612.00 ft (KB) To 3760.00 ft (KB) (TVD)

Reference Elevations: 2673.00 ft (KB)

Total Depth: 3760.00 ft (KB) (TVD)

2668.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8366 Outside

Press@RunDepth: 62.07 psig @ 3613.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.03.27 End Date: 2019.03.27

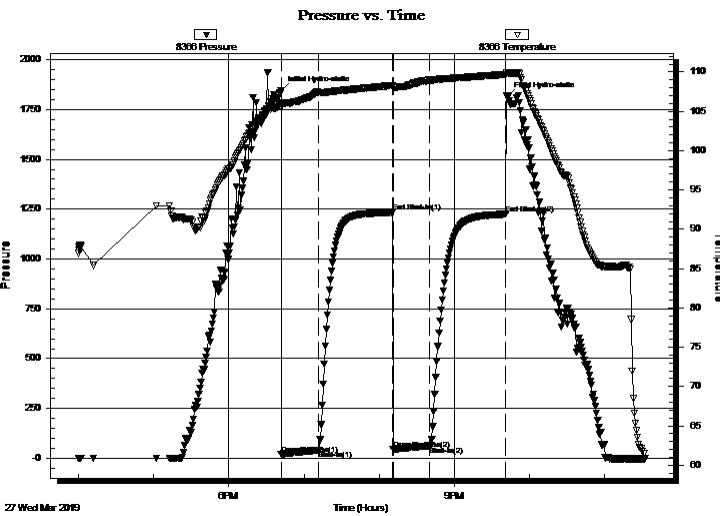
Last Calib.: 2019.03.27

Start Time: 16:00:01 End Time: 23:32:30

Time On Btm: 2019.03.27 @ 18:41:30

Time Off Btm: 2019.03.27 @ 21:42:00

TEST COMMENT: 30 IF - 1/2" blow built to 1"
60 ISI - No return
30 FF - Surface blow built to 1/4"
60 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1845.76	106.14	Initial Hydro-static
1	20.11	105.85	Open To Flow (1)
31	40.17	107.41	Shut-In(1)
89	1234.48	108.29	End Shut-In(1)
90	44.56	107.96	Open To Flow (2)
119	62.07	109.00	Shut-In(2)
180	1225.15	109.69	End Shut-In(2)
181	1813.24	109.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mud 100%	0.32

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc.
 250 N. Water STE 300
 Wichita KS 67202
 ATTN: Keith Reavis

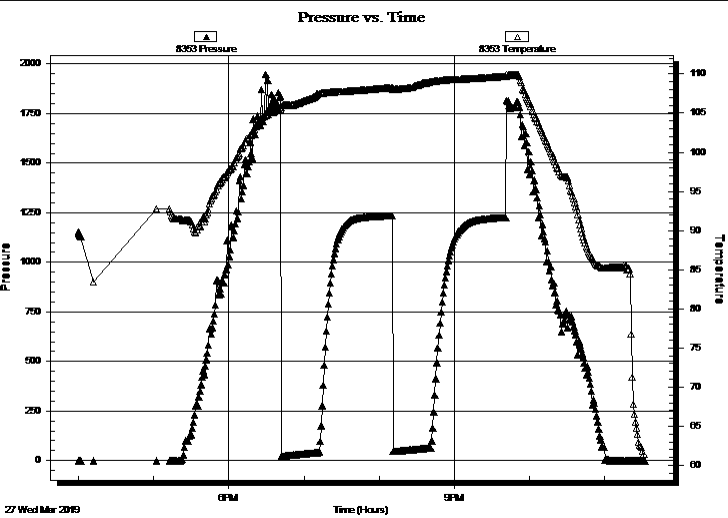
4-2s-36w Rawlins,KS
Marintzer #1-4
 Job Ticket: 65296 **DST#: 1**
 Test Start: 2019.03.27 @ 16:00:00

GENERAL INFORMATION:

Formation: **LKC " A - D "**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 18:41:50 Tester: Ryan Nichols
 Time Test Ended: 23:32:30 Unit No: 71
Interval: 3612.00 ft (KB) To 3760.00 ft (KB) (TVD) Reference Elevations: 2673.00 ft (KB)
 Total Depth: 3760.00 ft (KB) (TVD) 2668.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8353 Inside
 Press@RunDepth: psig @ 3613.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.03.27 End Date: 2019.03.27 Last Calib.: 2019.03.27
 Start Time: 16:00:01 End Time: 23:32:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30 IF - 1/2" blow built to 1"
 60 ISI - No return
 30 FF - Surface blow built to 1/4"
 60 FSI - No return



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

Recovery		
Length (ft)	Description	Volume (bbl)
65.00	Mud 100%	0.32

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co. Inc.

4-2s-36w Rawlins,KS

250 N. Water STE 300
Wichita KS 67202

Marintzer #1-4

Job Ticket: 65296

DST#: 1

ATTN: Keith Reavis

Test Start: 2019.03.27 @ 16:00:00

Tool Information

Drill Pipe:	Length: 3392.00 ft	Diameter: 3.80 inches	Volume: 47.58 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 48.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	3612.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	148.00 ft			
Tool Length:	176.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			3589.00	
Hydraulic tool	5.00			3594.00	
Jars	5.00			3599.00	
Safety Joint	3.00			3602.00	
Packer	5.00			3607.00	28.00 Bottom Of Top Packer
Packer	5.00			3612.00	
Stubb	1.00			3613.00	
Recorder	0.00	8353	Inside	3613.00	
Recorder	0.00	8366	Outside	3613.00	
Perforations	16.00			3629.00	
Blank Spacing	128.00			3757.00	
Bullnose	3.00			3760.00	148.00 Bottom Packers & Anchor

Total Tool Length: 176.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc.
250 N. Water STE 300
Wichita KS 67202
ATTN: Keith Reavis

4-2s-36w Rawlins,KS
Marintzer #1-4
Job Ticket: 65296 **DST#: 1**
Test Start: 2019.03.27 @ 16:00:00

Mud and Cushion Information

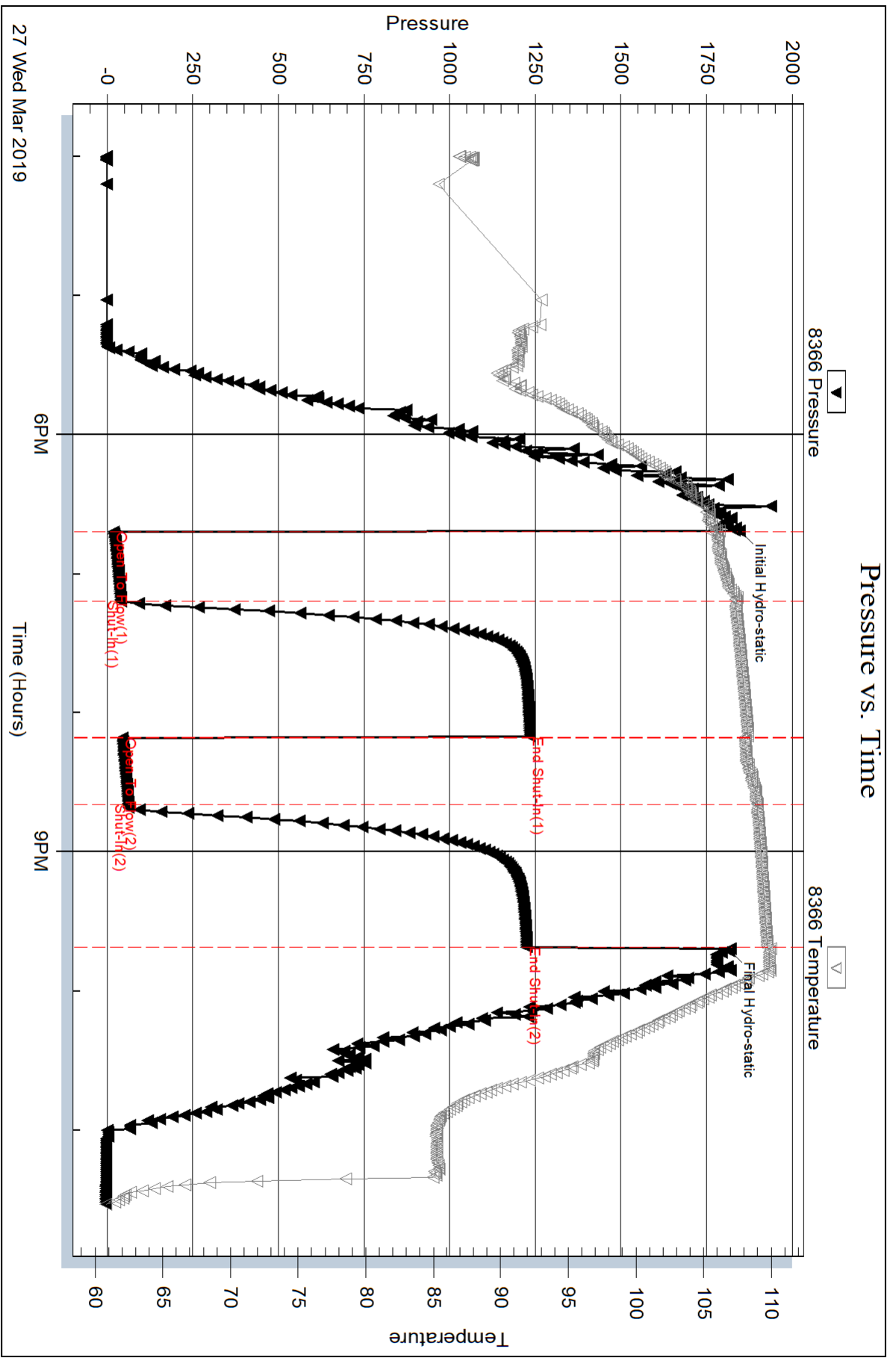
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Mud 100%	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



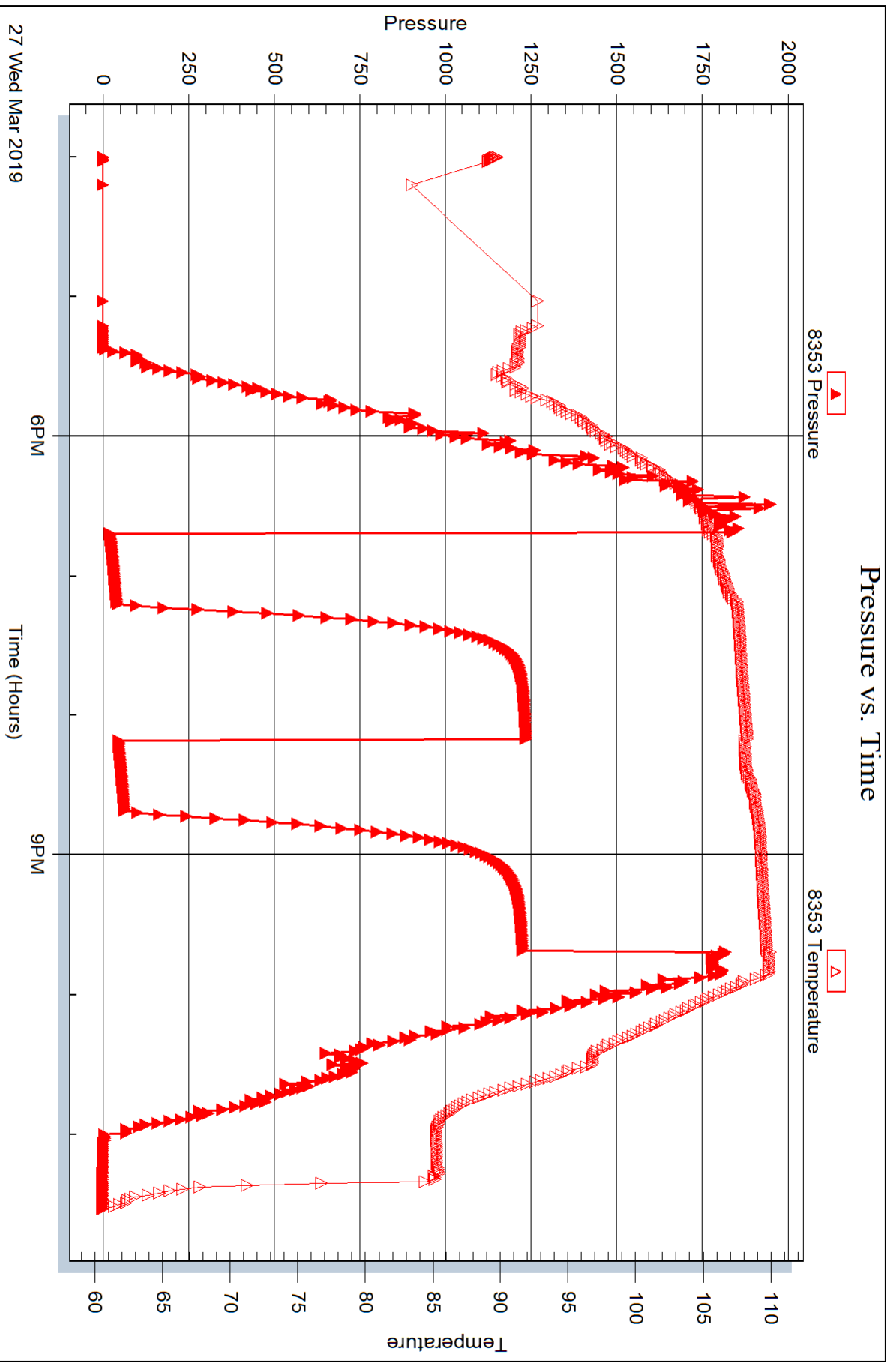
Serial #: 8353

Inside

Murfin Drilling Co. Inc.

Marinzer #1-4

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 65296

Printed: 2019.03.29 @ 13:31:14



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co. Inc.**

250 N. Water
STE 300
Wichita KS 67202

ATTN: Keith Reavis

Marintzer #1-4

4-2s-36w Rawlins KS

Start Date: 2019.03.28 @ 10:31:00

End Date: 2019.03.28 @ 18:56:30

Job Ticket #: 65297 DST #: 2

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

Printed: 2019.03.29 @ 13:29:44



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc.

250 N. Water
STE 300
Wichita KS 67202
ATTN: Keith Reavis

4-2s-36w Rawlins KS

Marintzer #1-4

Job Ticket: 65297

DST#: 2

Test Start: 2019.03.28 @ 10:31:00

GENERAL INFORMATION:

Formation: **LKC "H - J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:30:50

Time Test Ended: 18:56:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 71

Interval: 3750.00 ft (KB) To 3830.00 ft (KB) (TVD)

Reference Elevations: 2673.00 ft (KB)

Total Depth: 3830.00 ft (KB) (TVD)

2668.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8366 Outside

Press@RunDepth: 285.23 psig @ 3751.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.03.28

End Date:

2019.03.28

Last Calib.:

2019.03.28

Start Time: 10:31:01

End Time:

18:56:30

Time On Btm:

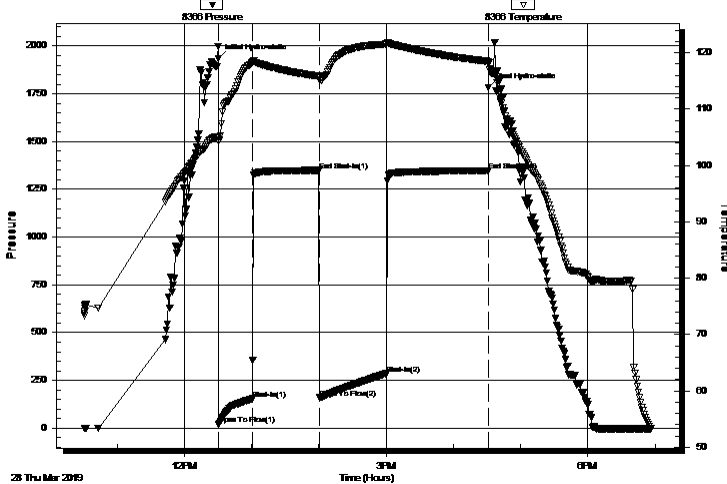
2019.03.28 @ 12:30:30

Time Off Btm:

2019.03.28 @ 16:31:20

TEST COMMENT: 30 IF - 1/2" blow built to BOB @ 15 1/2 mins
60 ISI - No return
60 FF - BOB @ 20 mins
90 FSI - No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1933.22	105.10	Initial Hydro-static
1	21.77	104.38	Open To Flow (1)
31	153.66	118.29	Shut-In (1)
90	1349.58	115.83	End Shut-In (1)
91	158.31	115.21	Open To Flow (2)
150	285.23	121.51	Shut-In (2)
241	1347.50	118.47	End Shut-In (2)
241	1783.07	118.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WCM - 45%W - 55%M	0.30
505.00	MCW - 10%M - 90%W	5.72
60.00	SOMCW - 5%o - 40%M - 55%W	0.84
5.00	CO - 100%o	0.07

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co. Inc.

4-2s-36w Rawlins KS

250 N. Water
STE 300
Wichita KS 67202
ATTN: Keith Reavis

Marintzer #1-4

Job Ticket: 65297

DST#: 2

Test Start: 2019.03.28 @ 10:31:00

Tool Information

Drill Pipe:	Length: 3520.00 ft	Diameter: 3.80 inches	Volume: 49.38 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose:	100000.0 lb
			<u>Total Volume: 50.41 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	85000.00 lb
Depth to Top Packer:	3750.00 ft			Final	90000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	80.00 ft				
Tool Length:	108.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

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

Shut In Tool	5.00			3727.00	
Hydraulic tool	5.00			3732.00	
Jars	5.00			3737.00	
Safety Joint	3.00			3740.00	
Packer	5.00			3745.00	28.00 Bottom Of Top Packer
Packer	5.00			3750.00	
Stubb	1.00			3751.00	
Recorder	0.00	8353	Inside	3751.00	
Recorder	0.00	8366	Outside	3751.00	
Perforations	11.00			3762.00	
Blank Spacing	65.00			3827.00	
Bullnose	3.00			3830.00	80.00 Bottom Packers & Anchor

Total Tool Length: 108.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc.

4-2s-36w Rawlins KS

250 N. Water
STE 300
Wichita KS 67202
ATTN: Keith Reavis

Marintzer #1-4

Job Ticket: 65297

DST#: 2

Test Start: 2019.03.28 @ 10:31:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 57.00 sec/qt
Water Loss: 6.80 in³
Resistivity: ohm.m
Salinity: 1400.00 ppm
Filter Cake: 2.00 inches

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

Oil API: 28 deg API
Water Salinity: 60000 ppm

Recovery Information

Recovery Table

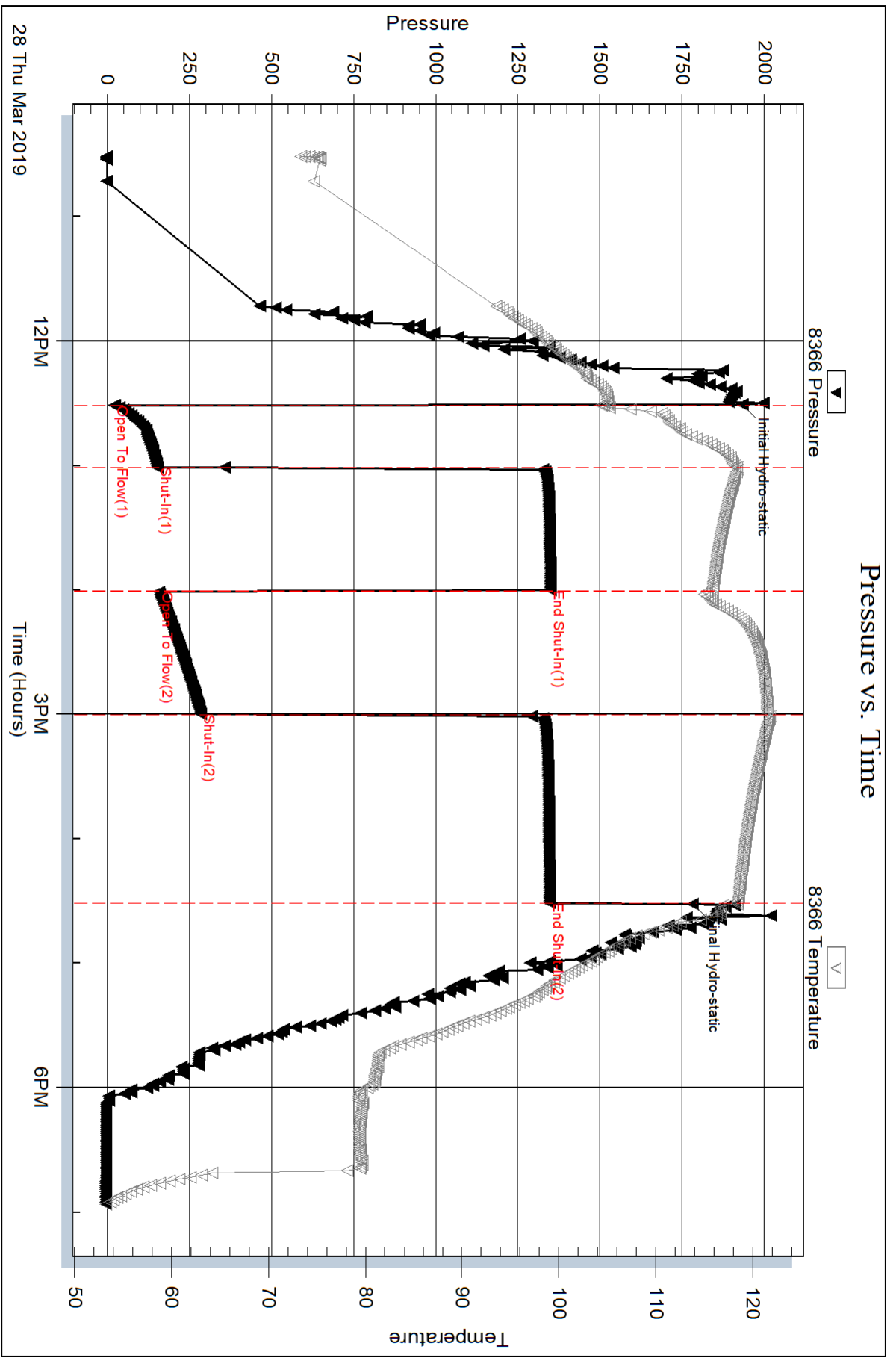
Length ft	Description	Volume bbl
60.00	WCM - 45%W - 55%M	0.295
505.00	MCW - 10%M - 90%W	5.717
60.00	SOMCW - 5%o - 40%M - 55%W	0.842
5.00	CO - 100%o	0.070

Total Length: 630.00 ft Total Volume: 6.924 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW = .183 @ 44 DEG F CHLORIDES = 60,000 PPM
Gravity = 27 @ 50 DEG F = 28 COR 60 DEG F



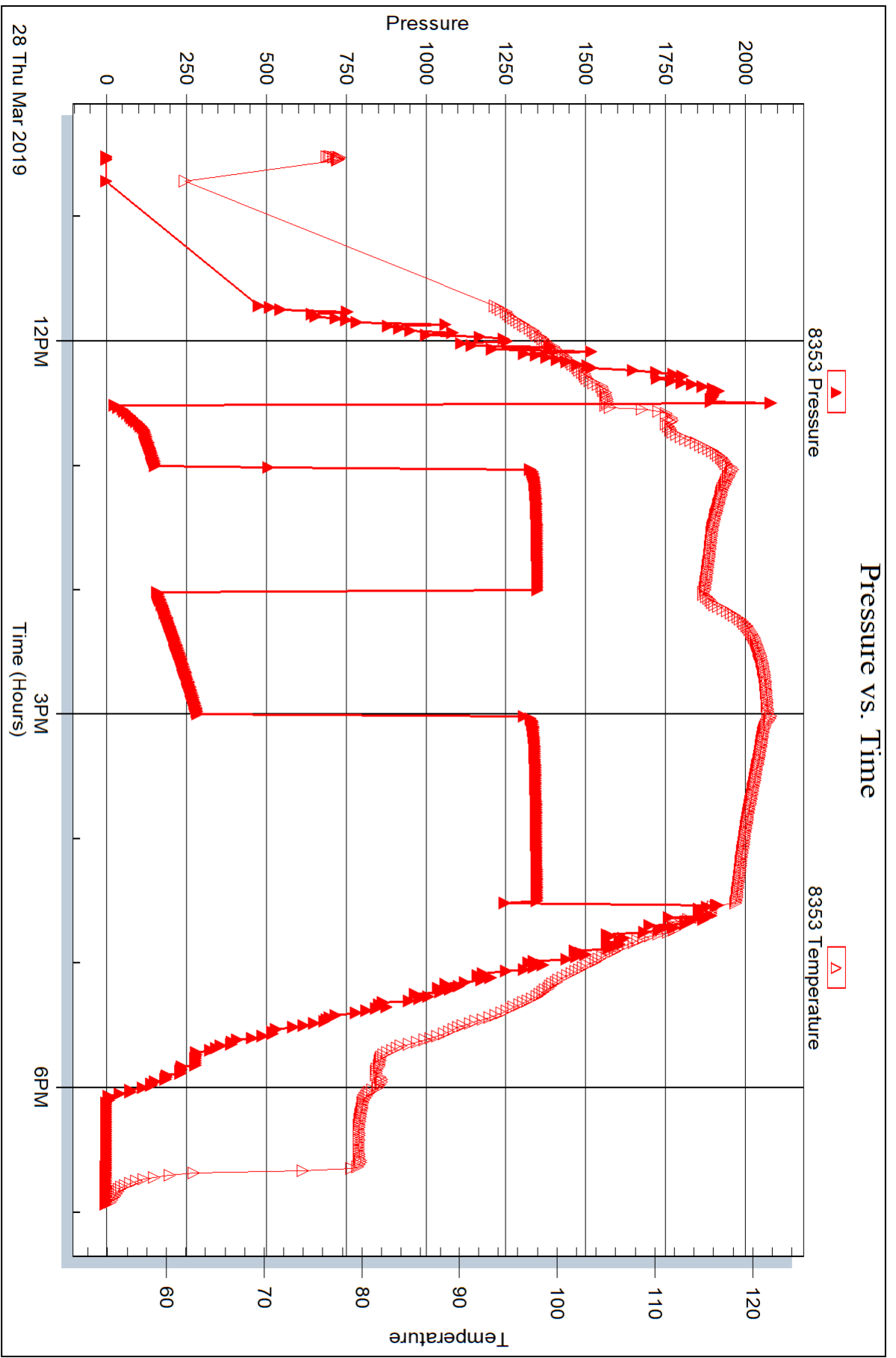
Serial #: 8353

Inside

Murfin Drilling Co. Inc.

Marinzer #1-4

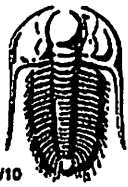
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 65297

Printed: 2019.03.29 @ 13:29:46



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65296

Well Name & No. Martinez # 1-4 Test No. 1 Date 3/27/19
 Company Martin Drilling Co. Inc. Elevation 2673 KB 2668 GL
 Address 250 N. Water STE 300 Wichita KS 67202
 Co. Rep / Geo. Keith Reavis Rig Martin # 7
 Location: Sec. 4 Twp 2S Rge. 31W Co. Rawlins State KS

Interval Tested 3612 - 3760 Zone Tested LKC "A - G"
 Anchor Length 148' Drill Pipe Run 3392' Mud Wt. 9.2
 Top Packer Depth 3607 Drill Collars Run 210' Vis 55
 Bottom Packer Depth 3612 Wt. Pipe Run 0' WL 6.8
 Total Depth 3760 Chlorides 1200 ppm System LCM 4
 Blow Description 30 IF - 1/2" blow built to 1"
60 ISI - No return
30 FF - Surface blow built to 1/4"
60 FSI - No return

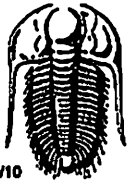
Rec	Feet of	%gas	%oil	%water	%mud
<u>65'</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 65' BHT 110° Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic <u>1846</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>14:30</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>16:00</u>
(C) First Final Flow <u>40</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>18:41</u>
(D) Initial Shut-In <u>1234</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>21:41</u>
(E) Second Initial Flow <u>45</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>23:30</u>
(F) Second Final Flow <u>62</u>	<input checked="" type="checkbox"/> Mileage <u>43 43 RT</u>	Comments
(G) Final Shut-In <u>1225</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1813</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> EM Tool
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1568</u>
	Sub Total <u>1568</u>	MP/DST Disc't

Approved By _____ Our Representative Keith Reavis

Tribolite 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. 65297

Well Name & No. Marintzer #1-4 Test No. 2 Date 3/28/19
 Company Murfin Drilling Co. Inc. Elevation 2673 KB 2668 GL
 Address 250 N. Water STE 300 Wichita KS 67202
 Co. Rep / Geo. Keith Reavis Rig Murfin #7
 Location: Sec. 4 Twp 25 Rge. 31W Co. Rawlins State KS

Interval Tested 3750 - 3830 Zone Tested LKC "H-J"
 Anchor Length 80' Drill Pipe Run 3520' Mud Wt. 9.2
 Top Packer Depth 3745 Drill Collars Run 210' Vls 57
 Bottom Packer Depth 3750 Wt. Pipe Run 0 WL 1.8
 Total Depth 3830 Chlorides 1400 ppm System LCM 4
 Blow Description 30 IF - 1/2" blow built to BoB @ 15 1/2 mins
60 ISF - No return
60 FF - Bob @ 20 mins
90 FSF - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>FO</u>	<u>100</u>			
<u>60'</u>	<u>SOMCW</u>	<u>5</u>	<u>55</u>	<u>40</u>	
<u>505'</u>	<u>MCW</u>		<u>90</u>	<u>10</u>	
<u>60'</u>	<u>WCM</u>		<u>45</u>	<u>55</u>	
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 630' BHT 119° Gravity 28 COR API RW .183 @ 44° F Chlorides 69000 ppm

(A) Initial Hydrostatic <u>1933</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>10:15</u>
(B) First Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>10:31</u>
(C) First Final Flow <u>154</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>12:30</u>
(D) Initial Shut-In <u>1350</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>16:30</u>
(E) Second Initial Flow <u>158</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>19:00</u>
(F) Second Final Flow <u>285</u>	<input checked="" type="checkbox"/> Mileage <u>43 43 RT</u>	Comments
(G) Final Shut-In <u>1348</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1783</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> EM Tool
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1568</u>
	Sub Total <u>1568</u>	MP/DST Disc't

Approved By _____ Our Representative Keith Reavis
 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.

OPERATOR

Company: Murfin Drilling Company
 Address: 250 N. Water
 Suite 300
 Wichita, KS 67202
 Contact Geologist: Shauna Gunzelman
 Contact Phone Nbr: 316-267-3241
 Well Name: Marintzer #1-4
 Location: Sec. 4 - T2S - R31W
 API: 15-153-21223-0000
 Pool:
 State: Kansas

Field: Wildcat
 Country: USA



Scale 1:240 Imperial

Well Name: Marintzer #1-4
 Surface Location: Sec. 4 - T2S - R31W
 Bottom Location:
 API: 15-153-21223-0000
 License Number: 30606
 Spud Date: 3/23/2019
 Region: Rawlins County
 Drilling Completed: 3/29/2019
 Surface Coordinates: 780' FSL & 2310' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 2668.00ft
 K.B. Elevation: 2673.00ft
 Logged Interval: 3240.00ft
 Total Depth: 4050.00ft
 Formation: Fort Scott
 Drilling Fluid Type: Chemical/Fresh Water Gel

Time: 11:00 AM
 Time: 4:00 PM
 To: 4050.00ft

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: W100.804258
 Latitude: N39.902861
 N/S Co-ord: 780' FSL
 E/W Co-ord: 2310' FEL

LOGGED BY

Keith Reavis
Consulting Geologist

Company: Keith Reavis, Inc.
 Address: 3420 22nd Street
 Great Bend, KS 67530

Phone Nbr: 620-617-4091
 Logged By: KLG #136

Name: Keith Reavis

CONTRACTOR

Contractor: Murfin Drilling Company
 Rig #: 7
 Rig Type: mud rotary
 Spud Date: 3/23/2019
 TD Date: 3/29/2019
 Rig Release:

Time: 11:00 AM
 Time: 4:00 PM
 Time:

ELEVATIONS

K.B. Elevation: 2673.00ft
K.B. to Ground: 5.00ft

Ground Elevation: 2668.00ft

NOTES

Due to negative results of DST's #1 & #2, and subsequent electrical log analysis, it was determined that the Marintzer #1-4 was non-commercial and was therefore plugged as a dry test.

The samples were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted
Keith Reavis

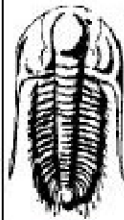
daily drilling report

DATE	7:00 AM DEPTH	REMARKS
03/25/2019		on location 1530 hrs, 3154 ft, running bit trip, back on bottom with button bit, drilling ahead, begin samples 3240'
03/26/2019	3353	drilling ahead, Stotler, Topeka, Deer Creek, Lecompton, Oread
03/27/2019	3718	drilling ahead, Lansing A, D & G, short trip and conduct DST #1 on A-G, complete DST #1, successful test, back in hole w/bit, ctch
03/28/2019	3820	resume drilling, shows in H and J warrant test, TOH w/bit, in w/tools, conduct DST #2, successful test, TOH w/tools, TIH w/bit, resume drilling
03/29/2019	3941	drilling ahead, BKC, Marmaton, Ft. Scott, TD 4050 ft, 1600 hrs, cfs, short trip, ctch, TOH w/bit, conduct open hole logging operations
03/30/2019	4050	finish open hole logging operations, geologist off location 0100 hrs

well comparison sheet

DRILLING WELL					COMPARISON WELL			
Marintzer #1-4					Forestar - Weishapl CPC 1-4			
780' FSL & 2310' FEL					1980' FNL & 1980' FWL			
Sec. 4 - T2S - R31W					Sec. 4 - T2S - R31W			
2673 KB					2718 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Anhydrite	2448	225	2446	227	2492	226	-1	1
Stotler	3345	-672	3342	-669	3390	-672	0	3
Topeka	3448	-775	3446	-773	3491	-773	-2	0
Deer Creek	3504	-831	3494	-821	3544	-826	-5	5
Lecompton	3562	-889	3556	-883	3600	-882	-7	-1
Oread	3600	-927	3593	-920	3639	-921	-6	1
Lansing	3646	-973	3643	-970	3685	-967	-6	-3
Lansing D	3689	-1016	3679	-1006	3728	-1010	-6	4
Lansing G	3739	-1066	3734	-1061	3784	-1066	0	5
Lansing H	3771	-1098	3771	-1098	3820	-1102	4	4
Lansing J	3813	-1140	3812	-1139	3859	-1141	1	2
Stark Shale	3834	-1161	3829	-1156	3877	-1159	-2	3
Mound City	3887	-1214	3873	-1200	3925	-1207	-7	7
Lenapah	3918	-1245	3902	-1229	nr			
Ft. Scott	3971	-1298	3978	-1305	nr			
Total Depth	4050	-1377	4050	-1377	3990	-1272	-105	-105

Drill Stem Test #1



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc.

4-2s-36w Rawlins KS

250 N. Water
STE 300
Wichita KS 67202
ATTN: Keith Reavis

Marintzer #1-4

Job Ticket: 65296

DST#: 1

Test Start: 2019.03.27 @ 16:00:00

GENERAL INFORMATION:

Formation: **LKC " A - D "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:41:50

Time Test Ended: 23:32:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Nichols

Unit No: 71

Interval: **3612.00 ft (KB) To 3760.00 ft (KB) (TVD)**

Total Depth: 3760.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches - hole Condition: Good

Reference Elevations: 2673.00 ft (KB)

2668.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8366

Outside

Press@RunDepth: 62.07 psig @ 3613.00 ft (KB)

Start Date: 2019.03.27

End Date: 2019.03.27

Start Time: 16:00:01

End Time: 23:32:30

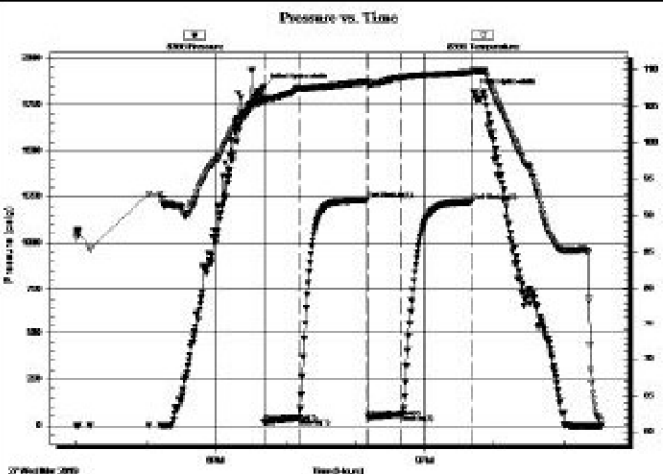
Capacity: 8000.00 psig

Last Calib.: 2019.03.27

Time On Btm: 2019.03.27 @ 18:41:30

Time Off Btm: 2019.03.27 @ 21:42:00

TEST COMMENT: 30 IF - 1/2" blow built to 1"
60 ISI - No return
30 FF - Surface blow built to 1/4"
60 FSI - No return



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1845.76	108.14	Initial Hydro-static
1	20.11	105.85	Open To Flow (1)
31	40.17	107.41	Shut-In(1)
89	1234.48	108.29	End Shut-In(1)
90	44.56	107.96	Open To Flow (2)
119	62.07	109.00	Shut-In(2)
180	1225.15	109.69	End Shut-In(2)
181	1813.24	109.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mud 100%	0.32

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (MDD)

Drill Stem Test #2



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc.

4-2s-36w Rawlins KS

250 N. Water
STE 300
Wichita KS 67202
ATTN: Keith Reavis

Marintzer #1-4

Job Ticket: 65297

DST#: 2

Test Start: 2019.03.28 @ 10:31:00

GENERAL INFORMATION:

Formation: **LKC " H - J "**

Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:30:50
 Time Test Ended: 18:56:30

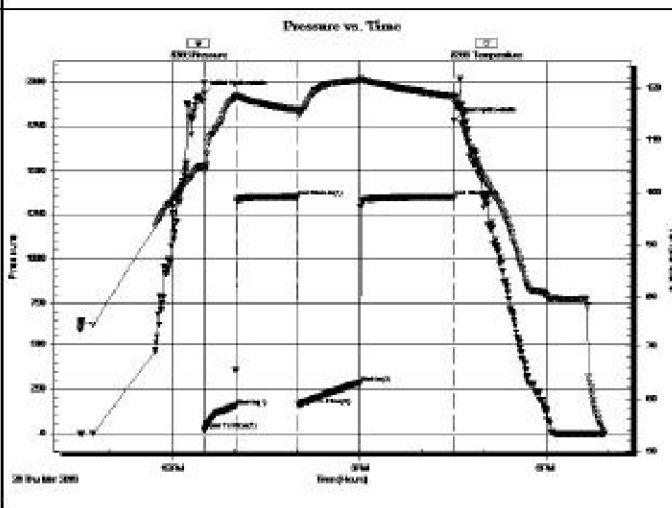
Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Nichols
 Unit No: 71

Interval: 3750.00 ft (KB) To 3830.00 ft (KB) (TVD)
 Total Depth: 3830.00 ft (KB) (TVD)
 Hole Diameter: 7.86 inches -hole Condition: Good

Reference Elevations: 2673.00 ft (KB)
 2668.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8366 Outside
 Press@RunDepth: 285.23 psig @ 3751.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.03.28 End Date: 2019.03.28 Last Calib.: 2019.03.28
 Start Time: 10:31:01 End Time: 18:56:30 Time On Btm: 2019.03.28 @ 12:30:30
 Time Off Btm: 2019.03.28 @ 16:31:20

TEST COMMENT: 30 IF - 1/2" blow built to BoB @ 15 1/2 mins
 60 ISI - No return
 60 FF - Bob @ 20 mins
 90 FSI - No return



PRESSURE SUMMARY			
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1933.22	105.10	Initial Hydro-static
1	21.77	104.38	Open To Flow (1)
31	153.66	118.29	Shut-In(1)
90	1349.58	115.83	End Shut-In(1)
91	158.31	115.21	Open To Flow (2)
150	285.23	121.51	Shut-In(2)
241	1347.50	118.47	End Shut-In(2)
241	1783.07	118.37	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
60.00	WCM - 45%W - 55%M	0.30
505.00	MCW - 10%M - 90%W	5.72
60.00	SOMCW - 5%o - 40%M - 55%W	0.84
5.00	FO - 100%o	0.07

* Recovery from multiple tests

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (MDD)

ROCK TYPES

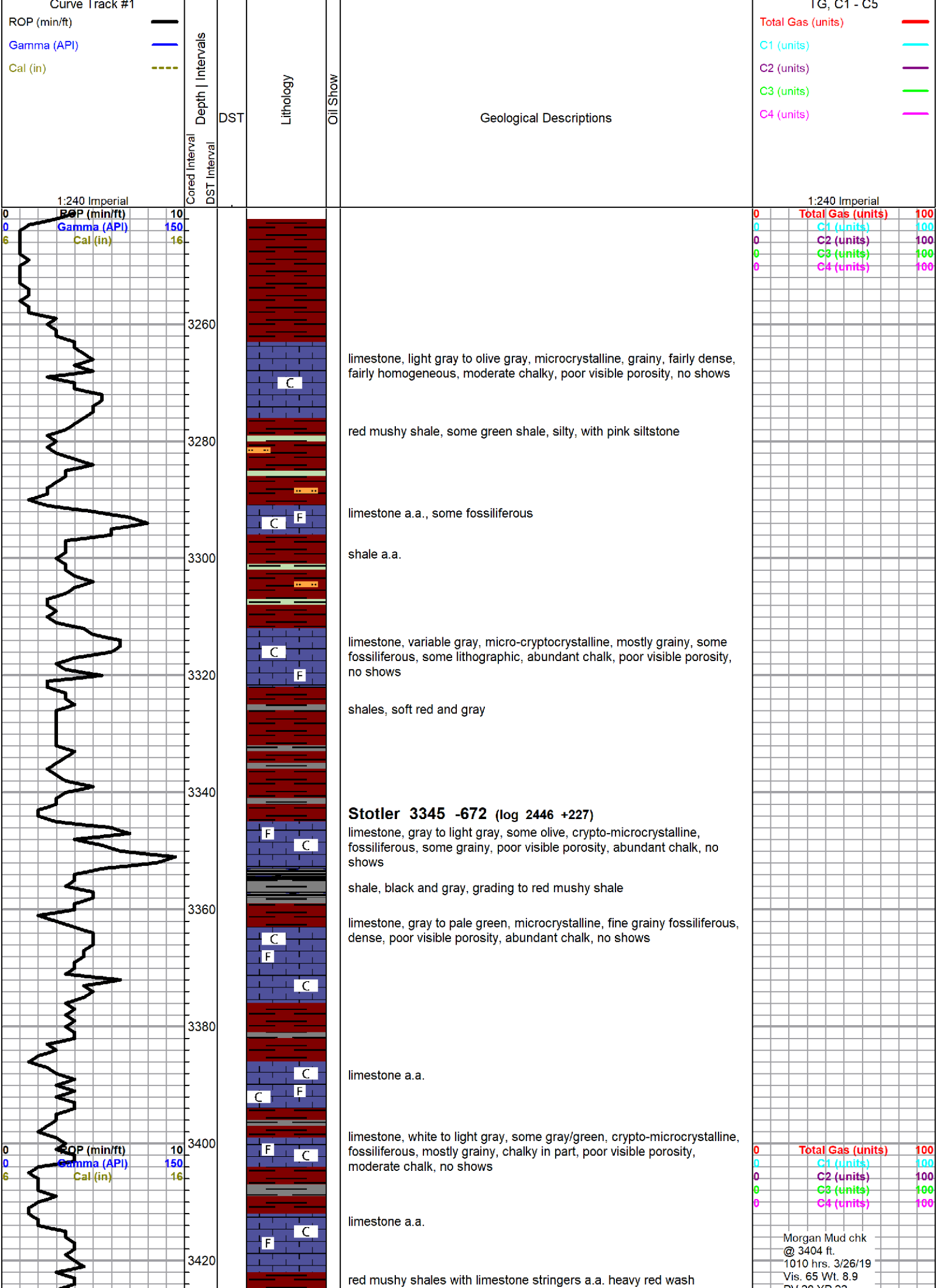
Dolsec	Lmst fw<7	shale, gm	Carbon Sh
sdy lmst	Lmst fw>7	shale, gry	shale, red
			Siltst

ACCESSORIES

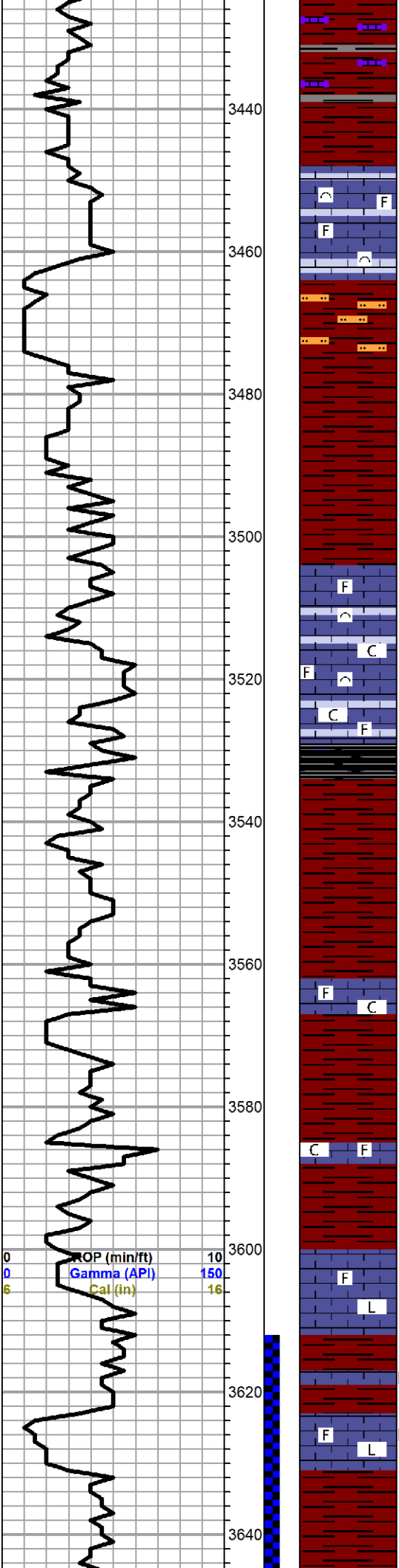
MINERAL — Argillaceous ⊥ Calcareous ▲ Chert, dark • Silty △ Chert White	FOSSIL ∩ Bioclastic or Fragmental F Fossils < 20% φ Oolite ♁ Pellets	STRINGER ■ Limestone ■ Siltstone	TEXTURE C Chalky L Lithogr
---	---	---	---

OTHER SYMBOLS

Oil Show ● Good Show ● Fair Show ● Poor Show ○ Spotted or Trace ○ Questionable Stn D Dead Oil Stn ■ Fluorescence * Gas	DST ■ DST Int ■ DST alt ■ Core ■ tail pipe
---	---



PV 20 YP 22
 WL 6.4
 Cake 2/32,
 pH 11.5
 CHL 1200 ppm
 Ca 10 ppm
 Sol 4.3 LCM 4#
 DMC \$170.00
 CMC \$11553.00



Topeka 3448 -773 (log 3446 -669)

limestone, white to light gray, microcrystalline, fossiliferous, some grainy bioclastic, poor visible porosity, some maroon, dense cryptocrystalline, slightly fossiliferous, no shows

red mushy shale and red siltstone, heavy red wash

red mushy shale

Deer Creek 3504 -831 (log 3494 -821)

limestone, white to gray, some maroon mottling, micro-cryptocrystalline, fossiliferous, some grainy bioclastic, poor visible porosity, no shows, moderate chalk in samples

shale, black

shale, red, mushy

Lecompton 3562 -889 (log 3556 -883)

limestone, white to gray, some maroon mottling, micro-cryptocrystalline, fossiliferous, some grainy bioclastic, poor visible porosity, no shows, moderate chalk in samples, carrying mostly shales

limestone a.a.

Oread 3600 -927 (log 3593 -920)

limestone, cream to light gray, grainy fossiliferous, some scattered small vugs, some chalk, barren

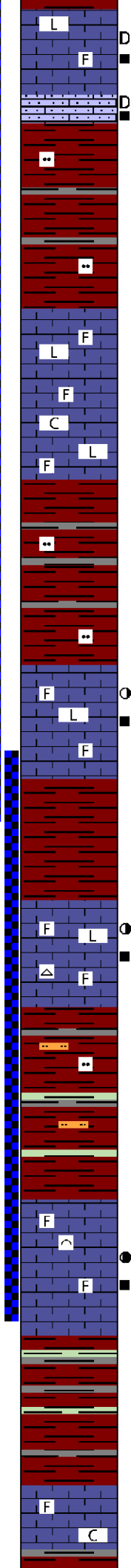
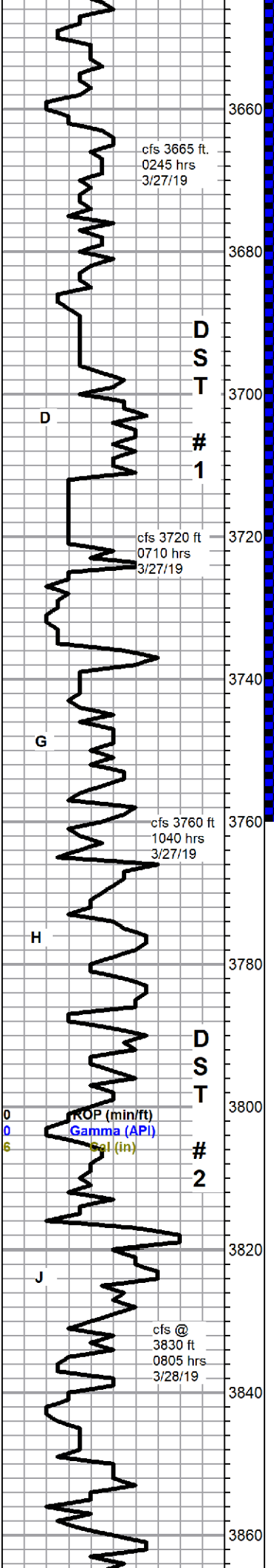
limestone, cream to light gray, cryptocrystalline, dense lithographic to slightly fossiliferous, no shows, some chalk

limestones, mixed white to cream and light gray, mixed crystalline, some grainy fossiliferous and lithographic, some sandy, trace dead black stain, no show free oil, no odor

Lansing 3646 -973 (log 3642 -970)

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

Lansing 3640 -975 (log 3643 -976)



limestone, light gray, cryptocrystalline, lithographic to slightly fossiliferous, some solution vugs and solution etching, scattered dead black gilsonitic stain, no show free oil, no odor, fair fluorescence, good cut

limestone, light gray, sandy, spotty to fair speckled black dead stain, trace vugs, no show free oil, no odor, poor fluorescence, faint cut

limestone, white to cream, cryptocrystalline, dense, lithographic to fossiliferous, no visible porosity, no shows, some chalk

red shale and silty shale, mostly soft, mushy, with some variable gray shales

limestone, light gray to gray/green, mostly cryptocrystalline, fossiliferous to lithographic, some brown fossiliferous with larger clasts, scattered small wormy solution vugs with oily stain, some spotted surficial gilsonite stain, no show oil, no odor, scattered fair fluorescence, slow but good cut with halo

3780 samp - limestone, white to light gray, mostly cryptocrystalline, re-crystallized fossiliferous to lithographic, cherty, some gray grainy, scattered small solution vugs, light scattered black stain, slight sheen with slight show free oil on break, faint odor, bright white fluorescence, good milky cut

3790 samp - show drops out, 3800, same as 3780 sample but with marked increase in show

red silty shale, variable gray and green shale, gray dirty silstone

3820 sample - limestone, light gray to cream, cryptocrystalline, re-crystallized fossiliferous and microcrystalline bioclastic, sucrosic, spotty to good pinpoint porosity and surface etching, spotty to saturated brown to black staining, slight streaming sheen, slight show free oil on break, faint odor, good bright fluorescence, good milky cut

Stark Shale 3834 -1161 (log 3829 -1156)

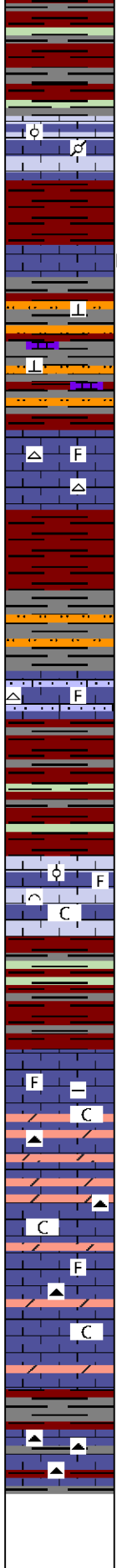
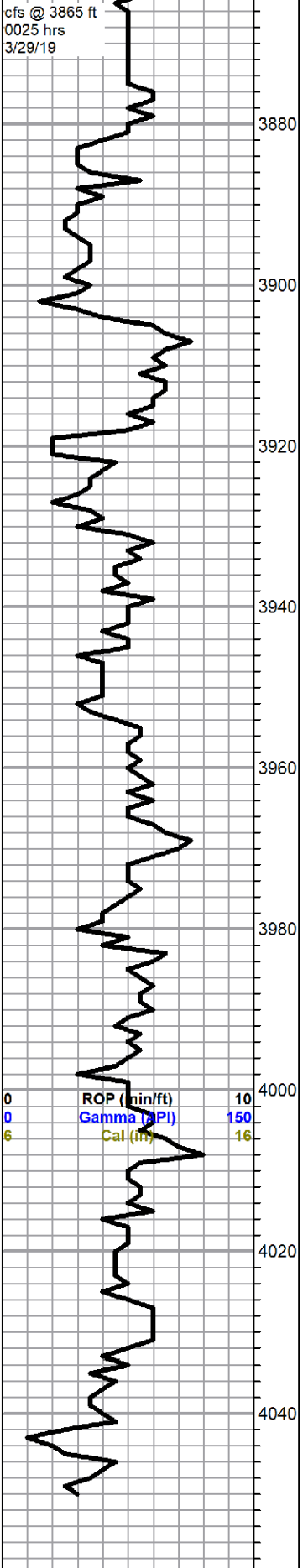
limestone, white to cream and light gray, cryptocrystalline, fossiliferous to sub-lithographic, poor visible porosity, chalky, dense, no shows, abundant chalk

Morgan Mud chk @ 3721 ft.
 0750 hrs. 3/27/19
 Vis. 55 Wt. 9.2
 PV 17 YP 18
 WL 6.8
 Cake 2/32,
 pH 11.0
 CHL 1200 ppm
 Ca 10 ppm
 Sol 6.4 LCM 4#
 DMC \$102.00
 CMC \$11655.00

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

Morgan Mud chk @ 3824 ft.
 0735 hrs. 3/28/19
 Vis. 57 Wt. 9.2
 PV 18 YP 18
 WL 6.8
 Cake 2/32,
 pH 10.5
 CHL 1400 ppm
 Ca 10 ppm
 Sol 6.4 LCM 4#
 DMC \$0
 CMC \$11655.00

025 hrs
3/29/19



limestone, white to cream, mottled, flattened oolitic, very chalky, no visible porosity, no shows

Mound City 3887 -1214 (log 3873 -1200)

limestone, brown and gray, fossiliferous, chalky to cherty, 1 cherty specimen with dead black stain

red and gray shales with light gray calcareous sandstone to argillaceous limestone

Lenapah 3918 -1245 (log 3902 -1229)

limestone, olive green to gray mottled, microcrystalline, chert inclusions, nodular, some fossil frags, dense, poor visible porosity, no shows

red to pink very soft, sticky, mushy shale/clay

lavender and gray silty shales, gray siltstones, soft, mushy

3960 limestone, olive green to gray mottled, microcrystalline, chert inclusions, some sandy, nodular, some fossil frags, dense, poor visible porosity, no shows

3970 samp - soft red mushy shale and silty shale, with lavender and gray

Fort Scott 3971 --1298 (log 3978 -1305)

3980 sample - flood limestone, maroon to cream mottled, with some olive tinting, fossiliferous to oolitic and bioclastic, grainy, some large clasts, trace inter-clast porosity, chalky, no shows

3990 sample, flood red silty shale, gray and lavender shale

limestone, white to light gray and gray/green, cryptocrystalline, dense, slightly fossiliferous, argillaceous to arenaceous, with chalk, no shows

limestone, dolomitic, orange to gray, microcrystalline to cryptocrystalline, cherty, some orange chert, poor visible porosity, no shows

grades to limestone, primarily mixed gray and lavender, some orange a.a., dolomitic in part, slightly fossiliferous, arenaceous to argillaceous, abundant chalk, no shows, trace orange cherts

4050 sample - limestone and chalk, a.a.with influx red silty shale, flood gray mushy shale in 30 min sample, flood orange chert in 60 min sample

**Rotary TD 4050 ft @ 1600 hrs 3/29/19
Pioneer Wireline TD 4050 ft**

**Morgan Mud chk
@ 3954 ft.
0750 hrs. 3/29/19
Vis. 65 Wt. 9.2
PV 19 YP 23
WL 6.8
Cake 2/32,
pH 10.5
CHL 1700 ppm
Ca 10 ppm
Sol 6.4 LCM 4#
DMC \$
CMC \$11655.00**

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

MDCI
 Marintzer #1-4
 780' FSL 2310' FEL
 Sec. 4-2S-31W
 2673' KB

Formation	Sample top	Datum	Ref	Log tops	Datum	Ref
Anhydrite	2438	+235	+9	2446	+227	+1
B/Anhydrite	2482	+191	+1	2480	+193	+3
Topeka	3448	-775	-2	3446	-669	+4
Heebner	3612	-939	-4	3607	-934	+1
Lansing	3646	-973	-6	3643	-970	-3
Stark	3834	-1161	-2	3829	-1156	+3
Mound City	3887	-1214	-7	3873	-1200	+7
Ft. Scott	3971	-1298		3978	-1305	
RTD	4050					
LTD				4050		



CEMENT TREATMENT REPORT

Customer: Murfin Drilling	Well: Marintzer 1-4	Ticket: ICT1878
City, State: Wichita Ks	County: Rawlins	Date: 3/29/2019
Field Rep: Arturo	S-T-R: 4-2S-31W	Service: PTA

Downhole Information	
Hole Size:	7 7/8
Hole Depth:	ft
Casing Size:	in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packers:	
Depth:	ft
Displacement:	bbbls

Slurry	
Weight:	13.6 # / sx
Water / Sk:	6 5/7 gal / sx
Yield:	1 2/5 ft ³ / sx
Bbls / Ft:	
Depth:	ft
Volume:	bbbls
Excess:	%
Total Slurry:	67.5 bbbls
Total Sacks:	255 sx

Cement Blend		
Product	%	#
Class A	60.0	14382
Gel	4.0	877
Poz	40.0	7548
Metso		
KolSeal		
PhenoSeal	0.3	64
Salt		
		Total 22,871

TIME	RATE	PSI	BBLs	REMARKS	TIME	RATE	PSI	BBLs	REMARKS
5:15 AM				Arrive					
5:20 AM				Safety meeting					
5:25 AM				Rig up					
6:00 AM	4.5	300.0	8.0	Mix 50 sks @ 1.41 yield @ 2475					
6:15 AM	4.5	200.0	35.0	Displace					
6:25 AM				Rig pulls pipe					
6:45 AM	4.5	260.0	16.0	Mix 100 sks @ 1850					
6:50 AM	4.0	200.0	26.0	Displace					
6:55 AM				Rig pulls pipe					
7:25 AM	4.5	250.0	8.0	Mix 50 sks @ 385					
7:35 AM	4.0	200.0	5.5	Displace					
7:40 AM				Rig pulls pipe					
8:20 AM				Mix 10 sks DC, 30 sks RH, 16 sks MH					
8:40 AM				Wash up					
8:55 AM				Rig down					
9:15 PM				Depart					

CREW		UNIT
Cementer:	Travis Williams	74.0
Pump Operator:	Paul Williams	231.0
Bulk #1:	Alan Ryan	181-254
Bulk #2:		

SUMMARY		
Average Rate	Average Pressure	Total Fluid
4.33333 bpm	233.33 psi	93.00 bbbls