

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](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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

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

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

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

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



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 776

Date	5-24-18	Sec.	3	Twp.	20	Range	24	County	Ness	State	KS	On Location		Finish	12:00 AM				
Lease	Lane Trust							Location	Ness City - 75 to 60 Rd, 3 1/2 W										
Well No.	2-3		Owner	S/Into															
Contractor	WW #8		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.																
Type Job	Surface		Charge To	Triple Crown															
Hole Size	12 1/4"		T.D.	218'		Depth	218'		Street							City	State		
Csg.	8 5/8"		Depth			City											State		
Tbg. Size			Depth																
Tool			Depth																
Cement Left in Csg.	15'		Shoe Joint	15'		The above was done to satisfaction and supervision of owner agent or contractor.													
Meas Line			Displace	12 3/4 BUS		Cement Amount Ordered 150 80/20 3% CC 2% Gel													
<b>EQUIPMENT</b>																			
Pumptrk	17		No.	Cementer		Common 120													
			No.	Helper		Poz. Mix 30													
Bulktrk	14		No.	Driver		Gel. 3													
			No.	Driver		Calcium 6													
Bulktrk	p.u.		No.	Driver		Hulls													
			No.	Driver		Salt													
<b>JOB SERVICES &amp; REMARKS</b>																			
Remarks:	Cement did Circulate																		
Rat Hole	Flowseal																		
Mouse Hole	Kol-Seal																		
Centralizers	Mud CLR 48																		
Baskets	CFL-117 or CD110 CAF 38																		
D/V or Port Collar	Sand																		
	Handling 159																		
	Mileage																		
<b>FLOAT EQUIPMENT</b>																			
	Guide Shoe																		
	Centralizer																		
	Baskets																		
	AFU Inserts																		
	Float Shoe																		
	Latch Down																		
	Pumptrk Charge Surface																		
	Mileage 15 (MIM)																		
	Tax																		
	Discount																		
	Total Charge																		
X Signature	Scott P. [Signature]																		

# QUALITY OILWELL CEMENTING, INC.

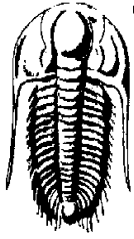
Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 832

Date	5-31-18	Sec.	3	Twp.	20	Range	24	County	Ness	State	KS	On Location		Finish	8:00pm
Lease								Well No.		Owner					
Lane Truss								2.3		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Contractor										Charge To					
WJ #8										Triple Crown					
Type Job								T.D.		Cement Amount Ordered					
Rotary Plug								4450		230/40 4.1 GEL 1/4" #10					
Hole Size								Depth		Cement Left in Csg.					
7 7/8										Shoe Joint					
Csg.								Depth		Meas Line					
Tbg. Size								Depth		Displace					
Tool								Depth		EQUIPMENT					
The above was done to satisfaction and supervision of owner agent or contractor.										Common					
Cement Amount Ordered										140					
Meas Line										Poz. Mix					
Displace										90					
EQUIPMENT										Gel.					
Pumptrk								No.		8					
20								Cement		Calcium					
Helper								22.5		Hulls					
Bulktrk								No.		Salt					
Driver								Brett		Flowseal					
Driver										Kol-Seal					
Bulktrk								No.		Mud CLR 48					
3								Driver		CFL-117 or CD110 CAF 38					
Driver								Sax		Sand					
JOB SERVICES & REMARKS										Handling					
Remarks:										138					
Rat Hole										Mileage					
30SK										FLOAT EQUIPMENT					
Mouse Hole										Guide Shoe					
Centralizers										Centralizer					
Baskets										Baskets					
D/V or Port Collar										AFU Inserts					
1st 1150 50SK										Float Shoe					
2nd 810 80SK										Latch Down					
3rd 270 50SK										Pumptrk Charge					
H-tk 60 20SK										Mileage					
										13					
										Tax					
										Discount					
										Total Charge					
X Signature															



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Triple Crown Operating LLC

**3-20s-24w Ness Co.**

2201 Utica Pl STE 100  
Tulsa OK 74114

**Lane Trust #2-3**

ATTN: Sean Deenihan

Job Ticket: 64019

**DST#: 1**

Test Start: 2018.05.30 @ 12:24:00

## GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:04:20

Time Test Ended: 19:00:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Cade Gerhard

Unit No: 65

**Interval: 4326.00 ft (KB) To 4425.00 ft (KB) (TVD)**

Reference Elevations: 2321.00 ft (KB)

Total Depth: 4425.00 ft (KB) (TVD)

2316.00 ft (CF)

Hole Diameter: inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8653 Inside**

Press@RunDepth: 305.39 psig @ 4327.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.05.30

End Date:

2018.05.30

Last Calib.: 2018.05.30

Start Time: 12:24:01

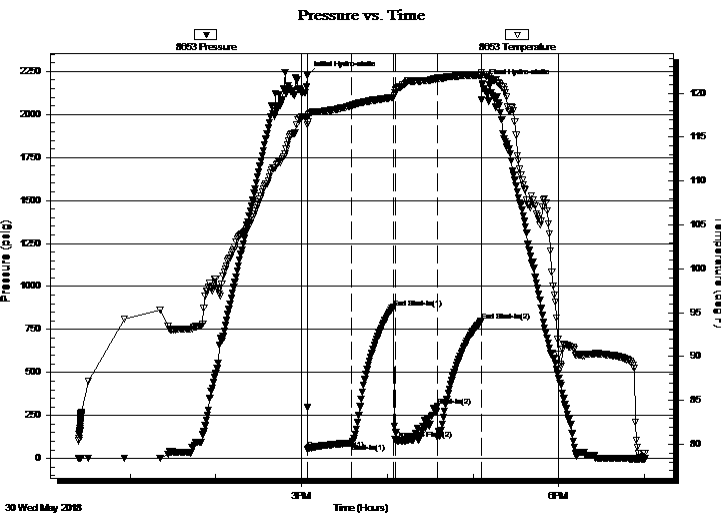
End Time:

19:00:30

Time On Btm: 2018.05.30 @ 15:04:00

Time Off Btm: 2018.05.30 @ 17:06:20

**TEST COMMENT:** IF-30- Weak blow ; built to 3 1/2"  
ISI-30- No blow back  
FF-30- Very weak surface blow ; built to 1/2"  
FSI-30- No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2224.99	117.22	Initial Hydro-static
1	55.53	116.70	Open To Flow (1)
31	90.06	118.60	Shut-In(1)
61	876.95	119.53	End Shut-In(1)
62	109.46	120.00	Open To Flow (2)
91	305.39	121.74	Shut-In(2)
122	797.89	122.06	End Shut-In(2)
123	2177.83	122.11	Final Hydro-static

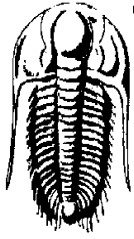
## Recovery

Length (ft)	Description	Volume (bbl)
130.00	VSOCM 2%O 98%M	0.68
4.00	VSMCO 2%M 98%O	0.06

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Triple Crown Operating LLC

**3-20s-24w Ness Co.**

2201 Utica Pl STE 100  
Tulsa OK 74114

**Lane Trust #2-3**

Job Ticket: 64019

**DST#: 1**

ATTN: Sean Deenihan

Test Start: 2018.05.30 @ 12:24:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	VSOCM 2%O 98%M	0.676
4.00	VSMCO 2%M 98%O	0.057

Total Length: 134.00 ft

Total Volume:

bbl

Num Fluid Samples: 0

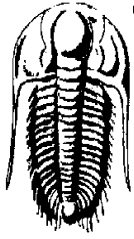
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: LCM-1#



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Triple Crown Operating LLC

**3-20s-24w Ness Co.**

2201 Utica Pl STE 100  
Tulsa OK 74114

**Lane Trust #2-3**

Job Ticket: 64020

**DST#: 2**

ATTN: Sean Deenihan

Test Start: 2018.05.31 @ 00:09:00

## GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:50:40

Time Test Ended: 08:47:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Cade Gerhard

Unit No: 65

**Interval: 4425.00 ft (KB) To 4445.00 ft (KB) (TVD)**

Reference Elevations: 2321.00 ft (KB)

Total Depth: 4445.00 ft (KB) (TVD)

2316.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8653**

**Inside**

Press@RunDepth: 154.07 psig @ 4426.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.05.31

End Date:

2018.05.31

Last Calib.: 2018.05.31

Start Time: 00:09:01

End Time:

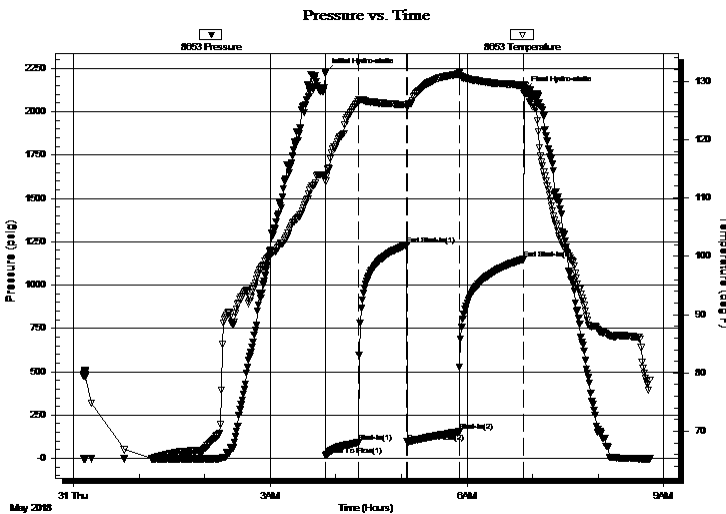
08:47:30

Time On Btm: 2018.05.31 @ 03:50:30

Time Off Btm: 2018.05.31 @ 06:52:00

**TEST COMMENT:** If-30- Good blow ; built to 7 1/2"  
ISI-45- No Blow back  
FF-45- Strong blow ; BoB in 35 min; Built 11 1/2"  
FSI-60- No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2226.46	113.95	Initial Hydro-static
1	17.86	112.86	Open To Flow (1)
30	91.57	126.48	Shut-In(1)
75	1230.00	126.02	End Shut-In(1)
75	95.42	125.49	Open To Flow (2)
123	154.07	131.26	Shut-In(2)
182	1148.73	129.27	End Shut-In(2)
182	2120.01	129.37	Final Hydro-static

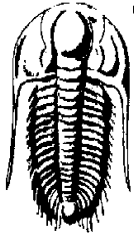
## Recovery

Length (ft)	Description	Volume (bbl)
180.00	MW 50%W 50%M	1.39
198.00	MCW 95%W 5%M	2.81

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Triple Crown Operating LLC

**3-20s-24w Ness Co.**

2201 Utica Pl STE 100  
Tulsa Ok 74114

**Lane Trust #2-3**

Job Ticket: 64020

**DST#: 2**

ATTN: Sean Deenihan

Test Start: 2018.05.31 @ 00:09:00

## 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:

10000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.37 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	MW 50%W 50%M	1.385
198.00	MCW 95%W 5%M	2.807

Total Length: 378.00 ft      Total Volume: 4.192 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: LCM-1#

Resistivity- .52 @ 85 deg

Serial #: 8653

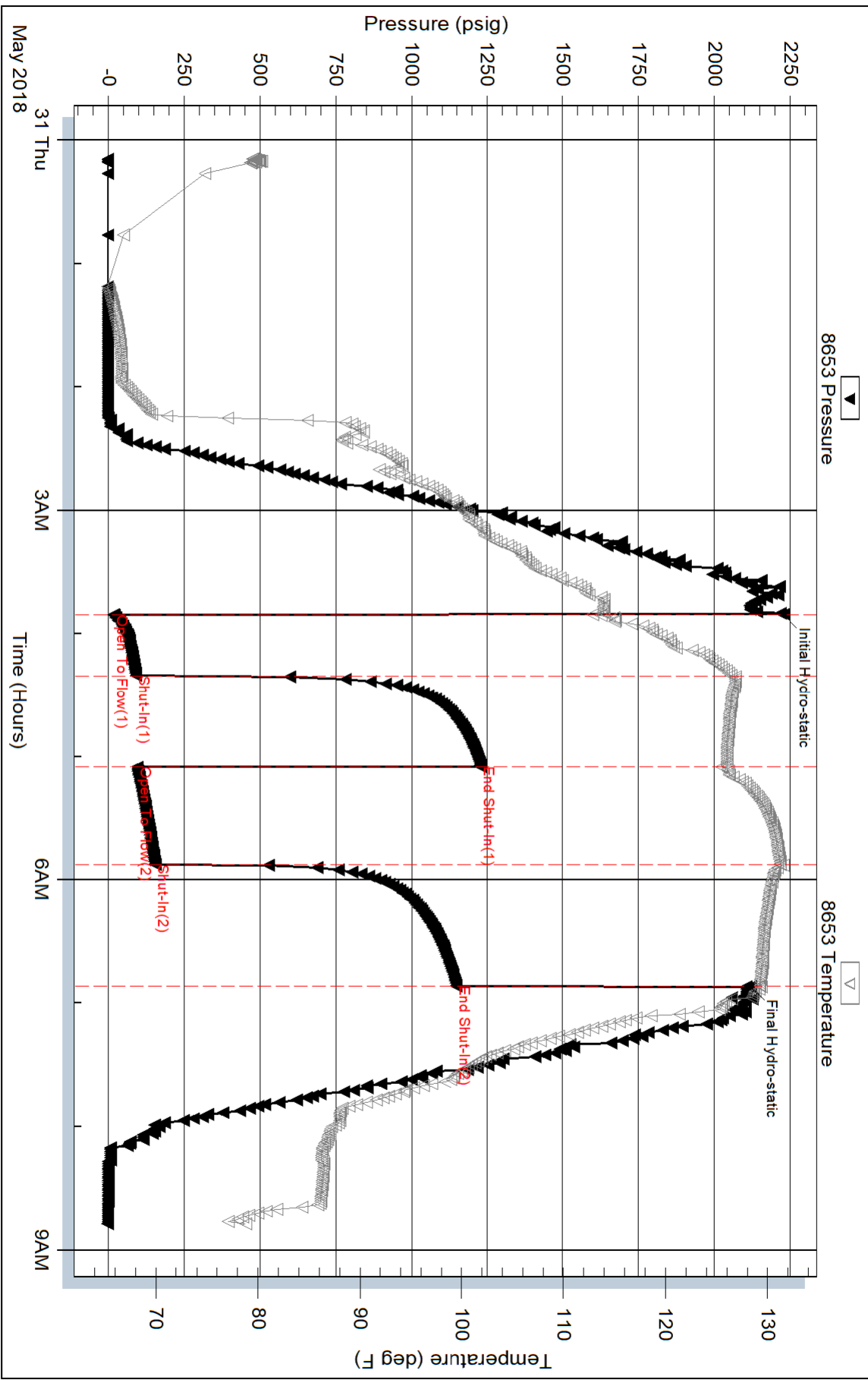
Inside

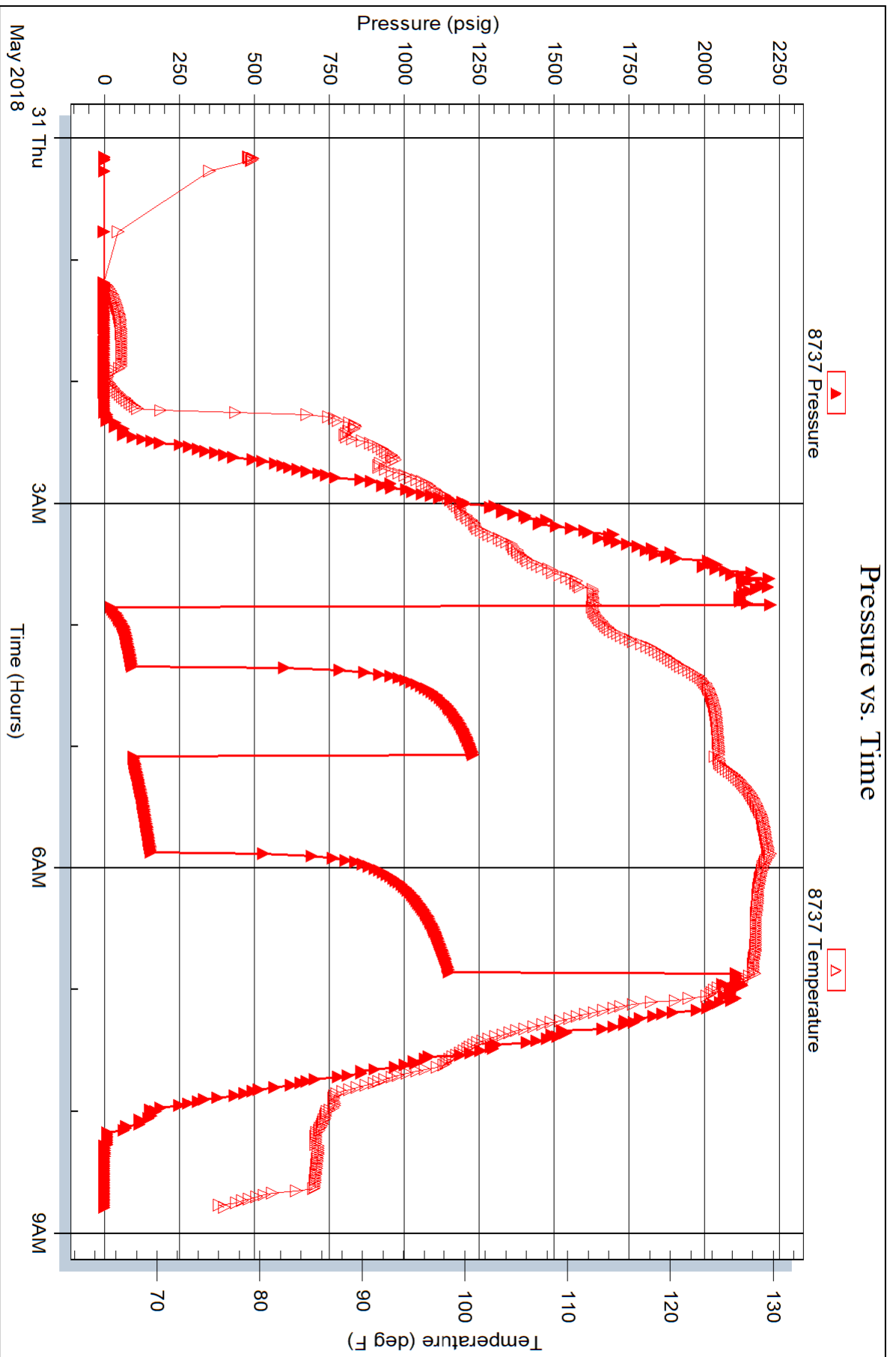
Triple Crown Operating LLC

Lane Trust#2-3

DST Test Number: 2

### Pressure vs. Time





# Sean Deenihan

## Petroleum Geologist

### GEOLOGIST'S REPORT

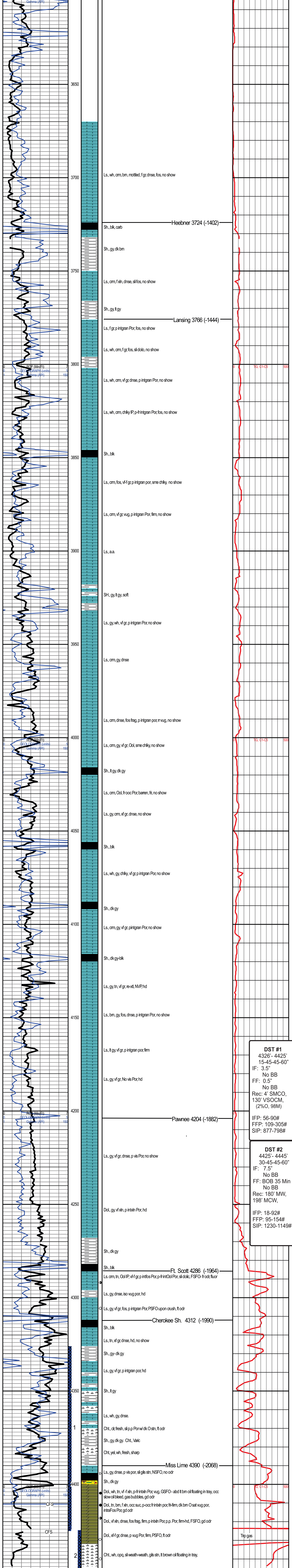
#### DRILLING TIME AND SAMPLE LOG

COMPANY	Triple Crown Operating, LLC	ELEVATIONS	
LEASE	Lane Trust #2-3	KB	2322'
FIELD	Wildcat	DF	
LOCATION	732' FNL & 965' FWL	GL	2317'
SEC	3 TWSP 20 S RGE 24 W	Measurements Are All From Kelly Bushing	
COUNTY	Ness STATE Kansas	CASING	
CONTRACTOR	W.W. Drilling Rig #8	CONDUCTOR SURFACE	8-5/8" at 218'
SPUD	5/22/18 COMP 6/1/18	PRODUCTION	
RTD	4445' LTD 4444'	ELECTRICAL SURVEYS	
MUD UP	TYPE MUD Chemical	REFERENCE WELL	CND/DIL, MIC
SAMPLES SAVED FROM	3600' TO RTD		
DRILLING TIME KEPT FROM	3600' TO RTD		
SAMPLES EXAMINED FROM	3600' TO RTD		
GEOLOGICAL SUPERVISION FROM	3650'		
REFERENCE WELL			

REMARKS Based on sample, log, and DST analysis, the Lane Trust #2-3 was plugged and abandoned.

Respectfully Submitted,

Sean P. Deenihan



**DST #1**  
 4425' - 4425'  
 15-45-45-60"  
 IF: 3.5"  
 No BB  
 FF: 0.5"  
 No BB  
 Rec: 4' SMCO,  
 130' VSOCM,  
 (2%O, 98M)  
 IFF: 56-90#  
 FFP: 109-305#  
 SIP: 877-798#

**DST #2**  
 4425' - 4425'  
 30-45-45-60"  
 IF: 7.5"  
 No BB  
 FF: BOB 35 Min  
 No BB  
 Rec: 180' MW,  
 198' MCW,  
 IFF: 18-92#  
 FFP: 95-154#  
 SIP: 1230-1149#

RTD: 4445'  
 LTD: 4444'

**Triple Crown Operating, LLC**  
 Lane Trust #2-3  
 3- 20S - 24W  
 Ness Co., KS

KB: 2322'