

Confidentiality Requested:

Yes No

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

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

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

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

0018227

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT:

Russell

DATE <u>9-3-18</u>	SEC. <u>28</u>	TWP. <u>20s</u>	RANGE <u>22W</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00 PM</u>	JOB FINISH <u>5:30</u>	
LEASE <u>Darius</u>	WELL #. <u>1-28</u>	LOCATION <u>11 South Ness City, 6 miles east</u>			COUNTY <u>NESS</u>	STATE <u>KS</u>		
OLD OR <input checked="" type="radio"/> NEW (CIRCLE ONE)			<u>1/4 South East 116</u>					

CONTRACTOR W.W Rig #14

TYPE OF JOB Plug

HOLE SIZE _____ T.D. _____

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 170sk 60/40 440 gal

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER _____

417 HELPER Jaxon

BULK TRUCK _____

412 DRIVER Tom

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

1st 50sk - 1480

2nd 50sk - 660

3rd 20sk - 60

Rat. 30sk

max. 20sk

CHARGE TO: Triple Crown Operating LLC

STREET 2201 S Utica Pl STE 100

CITY Tulsa STATE OK ZIP 74114

Global Oil Field Services, LLC
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Joshua Shaw

SIGNATURE [Signature]

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Triple Crown Operating LLC

28/20S/22W/Ness

2201 S Utica Pl
Suite 100
Tulsa OK 74114+7099
ATTN: Sean Deenihan

Darius 1-28

Job Ticket: 63455

DST#: 1

Test Start: 2018.09.02 @ 03:51:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:24:17

Time Test Ended: 11:29:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Hays 134

Interval: 4306.00 ft (KB) To 4373.00 ft (KB) (TVD)

Reference Elevations: 2193.00 ft (KB)

Total Depth: 4373.00 ft (KB) (TVD)

2183.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8322

Inside

Press@RunDepth: 360.37 psig @ 4307.00 ft (KB)

Capacity: psig

Start Date: 2018.09.02

End Date:

2018.09.02

Last Calib.:

2018.09.02

Start Time: 03:51:01

End Time:

11:29:02

Time On Btm:

2018.09.02 @ 06:22:17

Time Off Btm:

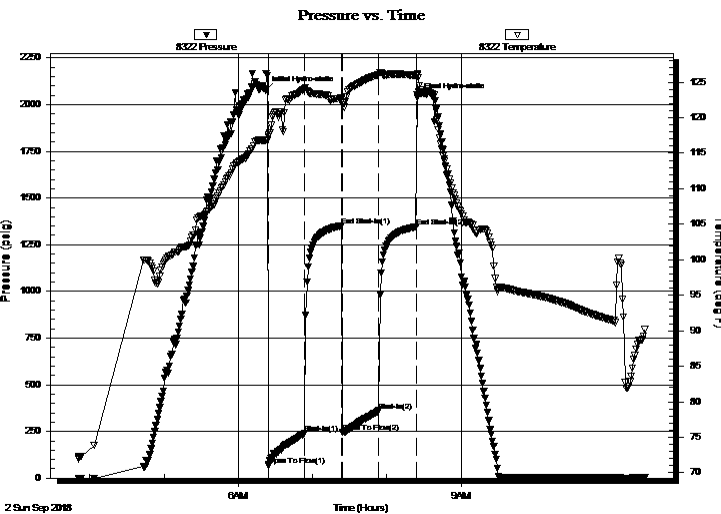
2018.09.02 @ 08:25:02

TEST COMMENT: I.F. 30 Minutes/ Blow built to BOB in 7 minutes/ Total build to 39 1/2 inches

I.S.I. 30 Mintues/ No blow back

F.F. 30 Minutes/ Blow built to BOB in 10 minutes/ Total build to 35 inches

F.S.I. 30 Mintues/ No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2077.77	116.77	Initial Hydro-static
2	66.67	117.36	Open To Flow (1)
32	241.87	124.05	Shut-In(1)
62	1351.07	122.73	End Shut-In(1)
62	246.69	122.06	Open To Flow (2)
92	360.37	126.10	Shut-In(2)
122	1345.99	125.98	End Shut-In(2)
123	2036.73	126.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	Oil cut Muddy Water	0.67
0.00	Oil 10% Mud 15% Water 75%	0.00
186.00	Mud cut Watery Oil	2.61
0.00	Mud 5% Water 45% Oil 50%	0.00
248.00	Oily Mud	3.48
0.00	Oil 40% Mud 60%	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Triple Crown Operating LLC

28/20S/22W/Ness

2201 S Utica Pl
Suite 100
Tulsa OK 74114+7099
ATTN: Sean Deenihan

Darius 1-28

Job Ticket: 63455

DST#: 1

Test Start: 2018.09.02 @ 03:51:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:24:17

Time Test Ended: 11:29:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Hays 134

Interval: 4306.00 ft (KB) To 4373.00 ft (KB) (TVD)

Reference Elevations: 2193.00 ft (KB)

Total Depth: 4373.00 ft (KB) (TVD)

2183.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6752 Outside

Press@RunDepth: 1347.46 psig @ 4308.00 ft (KB)

Capacity: psig

Start Date: 2018.09.02

End Date:

2018.09.02

Last Calib.:

2018.09.02

Start Time: 03:51:01

End Time:

11:28:02

Time On Btm:

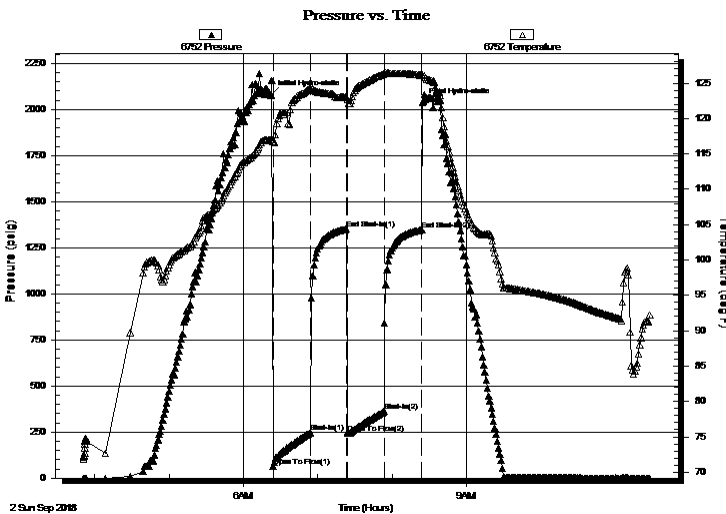
2018.09.02 @ 06:22:17

Time Off Btm:

2018.09.02 @ 08:24:47

TEST COMMENT: I.F. 30 Minutes/ Blow built to BOB in 7 minutes/ Total build to 39 1/2 inches
I.S.I. 30 Mintues/ No blow back
F.F. 30 Minutes/ Blow built to BOB in 10 minutes/ Total build to 35 inches
F.S.I. 30 Mintues/ No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2078.82	116.98	Initial Hydro-static
2	65.86	116.76	Open To Flow (1)
32	246.93	124.27	Shut-In(1)
61	1351.86	123.01	End Shut-In(1)
62	245.53	122.67	Open To Flow (2)
92	361.76	126.33	Shut-In(2)
122	1347.46	126.16	End Shut-In(2)
123	2035.68	126.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	Oil cut Muddy Water	0.67
0.00	Oil 10% Mud 15% Water 75%	0.00
186.00	Mud cut Watery Oil	2.61
0.00	Mud 5% Water 45% Oil 50%	0.00
248.00	Oily Mud	3.48
0.00	Oil 40% Mud 60%	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Triple Crown Operating LLC

28/20S/22W/Ness

2201 S Utica Pl
Suite 100
Tulsa OK 74114+7099
ATTN: Sean Deenihan

Darius 1-28

Job Ticket: 63455

DST#: 1

Test Start: 2018.09.02 @ 03:51:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 8.79 in³
Resistivity: ohm.m
Salinity: 3500.00 ppm
Filter Cake: 1.00 inches

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

Oil API: deg API
Water Salinity: 23000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	Oil cut Muddy Water	0.674
0.00	Oil 10% Mud 15% Water 75%	0.000
186.00	Mud cut Watery Oil	2.609
0.00	Mud 5% Water 45% Oil 50%	0.000
248.00	Oily Mud	3.479
0.00	Oil 40% Mud 60%	0.000
248.00	Mud cut Watery Oil	3.479
0.00	Mud 20% Water 30% Oil 50%	0.000

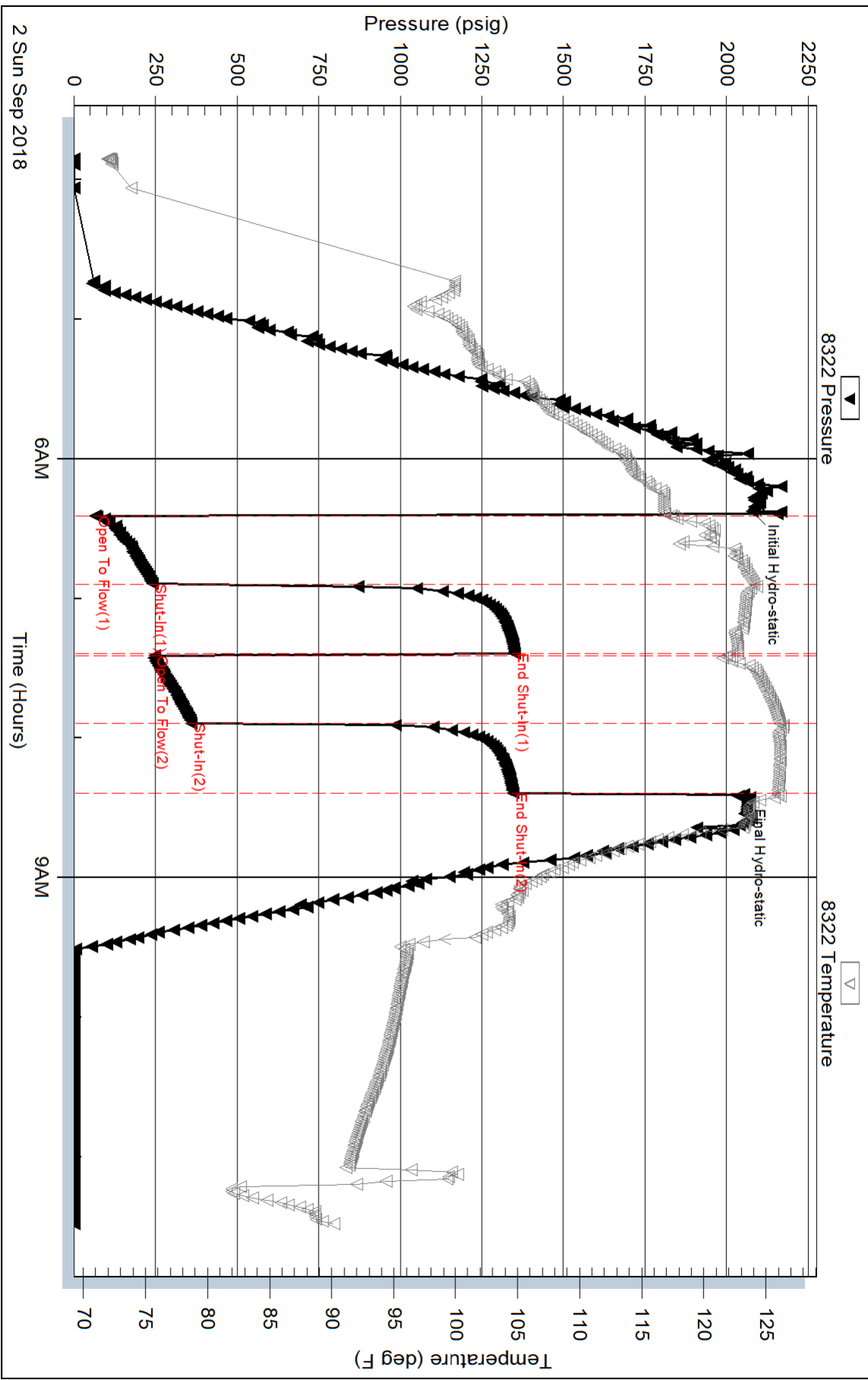
Total Length: 808.00 ft Total Volume: 10.241 bbl

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

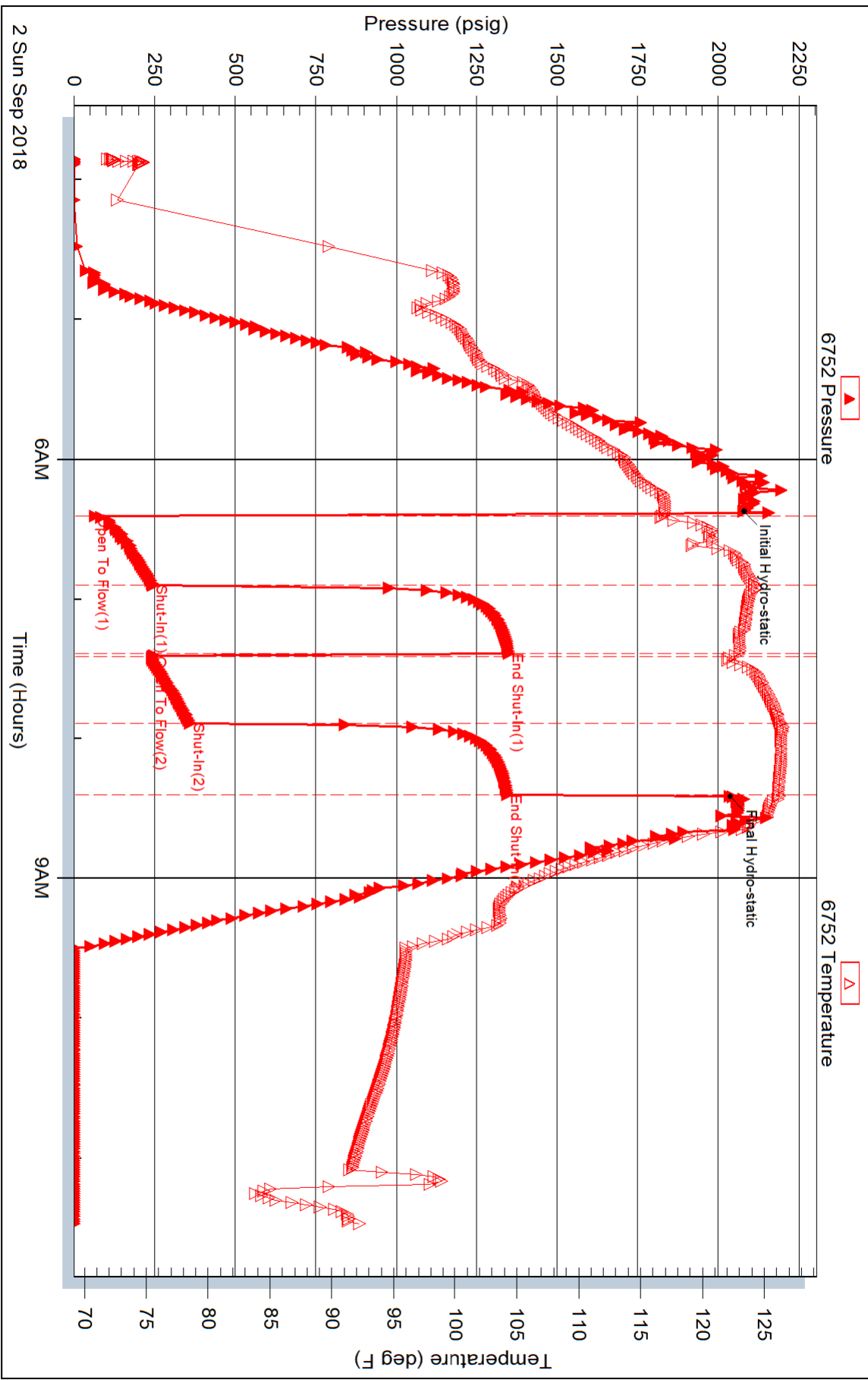
Laboratory Name: Laboratory Location:

Recovery Comments: Recovery Resistivity .236 ohms @ 84 deg

Pressure vs. Time



Pressure vs. Time



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. 896

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8-29-18	28	20	22	NESS	KS		1:00 AM
Location				Bazine + DDRD 11s 20RD 4W ZRD 12S			
L. Darius		Well No. 1-28		Owner			
Contractor WW #14		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.				Charge To	
Type Job Surface						Triple Crown	
Hole Size 12 1/4		T.D. 1449		Street			
Csg. 8 5/8		Depth 1449		City			
Tbg. Size		Depth		State			
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. 42.02		Shoe Joint 42.02		Cement Amount Ordered 400 #130 3/4 2/4 1/4 #F10			
Meas Line		Displace 89 1/2 B/L		150 Lbs 3/4 2/4 1/4			
EQUIPMENT		Cement		Common 430			
Pumptrk 17 No. Cementer		Helper		Poz. Mix 120			
Bulktrk 19 No. Driver		Driver		Gel. 11			
Bulktrk 14 No. Driver		Driver		Calcium 22			
JOB SERVICES & REMARKS				Hulls			
Remarks:				Salt			
Rat Hole				Flowseal 100#			
Mouse Hole				Kol-Seal			
Centralizers				Mud CLR 48			
Baskets				CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
8 5/8 on bottom Est. Circulation				Handling 584			
MIX 5505K Displace Plug				Mileage			
Cement Circulated				FLOAT EQUIPMENT 8 5/8			
Plug leveled @ 900#				Guide Shoe			
Shot in 500#				Centralizer 7			
				Baskets 2			
				AFB Inserts Rubber Plug			
				Float Shoe Baffle Plate			
				Latch Down Guide Shoe			
				Pumptrk Charge Long Surface			
				Mileage 25			
				Tax			
				Discount			
				Total Charge			
X Signature [Signature]							

Sean Deenihan

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Triple Crown Operating, LLC.
LEASE Darius #1-28

FIELD Wildcat
LOCATION 2100' FSL & 100' FWL
SEC 28 TWP 20 S RGE 22 W
COUNTY Ness STATE Kansas

CONTRACTOR WW Drilling Rig #14
SPUD 4373' COMP LTD 4373'
RTD 4373' TYPE MUD Chemical

MUD UP _____
SAMPLES SAVED FROM 3700' TO RTD
DRILLING TIME KEPT FROM 3700' TO RTD
SAMPLES EXAMINED FROM 3700' TO RTD

CONDUCTOR 8-5/8" at 1449'
SURFACE PRODUCTION _____
ELECTRICAL SURVEYS _____
ELI _____
CND/DLI, BHG _____

MEASUREMENTS ARE ALL FROM KELLY BUSHING

ELEVATIONS
KB 2193'
DF _____
GL 2182'

FORMATION

B/Anhydrite 1449 (+744)
Heebner Sh. 3690 (-1497)
Lansing 4000 (-1807)
Stark Sh. 4260 (-2067)
Cherokee Sh. 4386 (-2093)
Warsaw 4344 (-2151)
Osage Porosity 4370 (-2177)

STRUCT PASSES

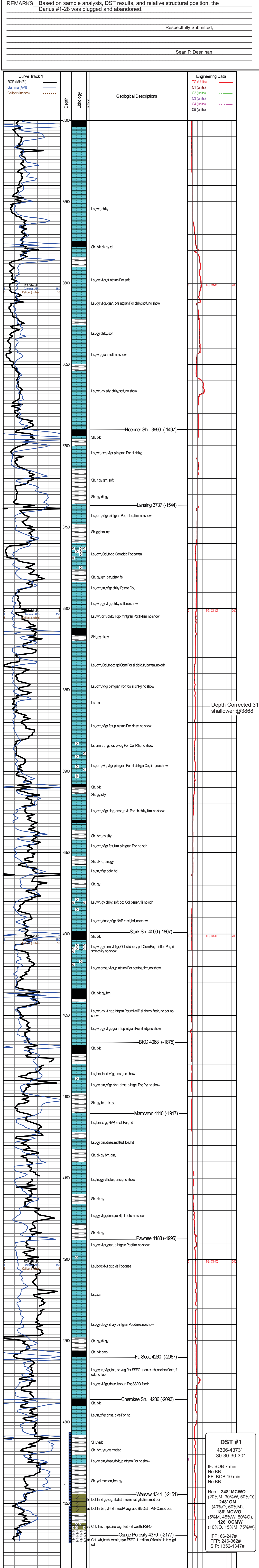
Sample Tops E-log Tops

28

REMARKS Based on sample analysis, DST results, and relative structural position, the Darius #1-28 was plugged and abandoned.

Respectfully Submitted,

Sean P. Deenihan



RTD: 4373'
LTD: 4373'

Triple Crown Operating, LLC
Darius #1-28
28- 20S-22W
Thomas Co., KS

KB: 2193'