

Form	ACO1 - Well Completion
Operator	Triple Crown Operating LLC
Well Name	DARLENE 1-34
Doc ID	1580271

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	24	1424	Class A	525	3% cc 2% gel
Production	7.875	5.5	17	4421	Class A	180	none

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

LOCATION Victoria AS

FOREMAN *Miles Shaw*

125

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
3/13/21		Dorlene 1-34	34	20 S	21 W	NESS																
CUSTOMER Triple Crown			<table border="1"> <tr> <th>TRUCK #</th><th>DRIVER</th><th>TRUCK #</th><th>DRIVER</th></tr> <tr> <td>101</td><td>Mark S</td><td></td><td></td></tr> <tr> <td></td><td>Jack T</td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td></tr> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	101	Mark S				Jack T						
TRUCK #	DRIVER	TRUCK #					DRIVER															
101	Mark S																					
	Jack T																					
MAILING ADDRESS																						
CITY	STATE	ZIP CODE																				

JOB TYPE <u>Surface</u>	HOLE SIZE <u>12 1/4"</u>	HOLE DEPTH <u>1924</u>	CASING SIZE & WEIGHT <u>8 5/8" 24 lb</u>
CASING DEPTH <u>1924'</u>	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT <u>12.4/14.5</u>	SLURRY VOL <u>1.9/1.4</u>	WATER gal/sk _____	CEMENT LEFT in CASING <u>42'</u>
DISPLACEMENT _____	DISPLACEMENT PSI _____	MIX PSI _____	RATE _____

REMARKS: Safety Meeting & Rpt on WW drilling Ris #102 circulate casing
Contractors on Job

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PO007	1	PUMP CHARGE	1150. ⁰⁰	1150. ⁰⁰
M001	80	MILEAGE	6.50	520. ⁰⁰
M00	25.14 Ton	Ten Mileage delivery	1.50	3014.20
CB 004	150 SR	Class A 36cc 26 gal	24.50	3675. ⁰⁰
CB0	375 SR	Class B 36cc 14 # Plb	20.75	7781.25
FE 017	7	8 7/8" Centralizer	140	980. ⁰⁰
FE 036	1	8 7/8" Guide Shoe	475. ⁰⁰	475. ⁰⁰
FE 062	1	8 7/8" AF4 insert	485. ⁰⁰	485. ⁰⁰
			Subtotal	17525.40
			10553520.50	113613.70
			Subtotal	11391.55
			SALES TAX	542.33
			ESTIMATED TOTAL	11,933.88

AUTHORIZATION _____ TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



DRILL STEM TEST REPORT

Prepared For: **Triple Crown Operating LLC**

2201 S. Utica PI Ste 100
Tulsa OK 74114

ATTN: John

Darlene #1-34

34-20S-21W Ness,KS

Start Date: 2021.03.19 @ 07:30:00

End Date: 2021.03.19 @ 14:46:00

Job Ticket #: 47700 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2021.03.22 @ 16:22:49



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Triple Crown Operating LLC

34-20S-21W Ness, KS

2201 S. Utica Pl Ste 100
Tulsa OK 74114

Darlene #1-34

Job Ticket: 47700

DST#: 1

ATTN: John

Test Start: 2021.03.19 @ 07:30:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:49:15

Time Test Ended: 14:46:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: 77

Interval: 4368.00 ft (KB) To 4419.00 ft (KB) (TVD)

Reference Elevations: 2250.00 ft (KB)

Total Depth: 4419.00 ft (KB) (TVD)

2245.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8673 Inside

Press@RunDepth: 165.45 psig @ 4369.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.03.19

End Date:

2021.03.19

Last Calib.: 2021.03.19

Start Time: 07:30:05

End Time:

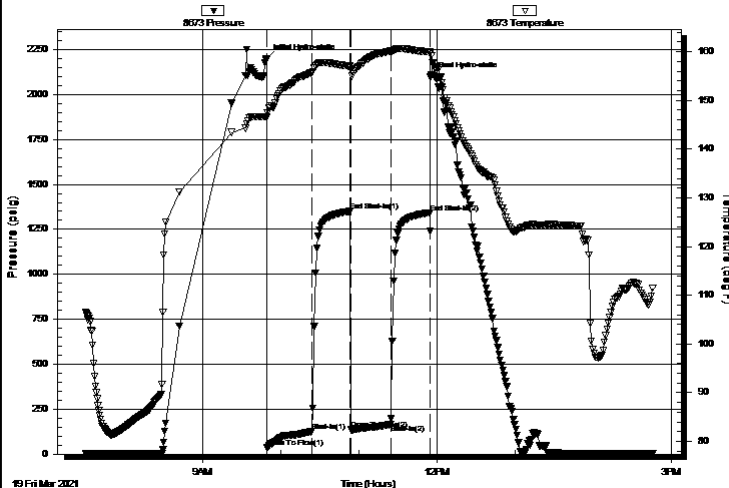
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Time On Btm: 2021.03.19 @ 09:49:00

Time Off Btm: 2021.03.19 @ 11:55:00

TEST COMMENT: 30 - IF - Blow gradually built up to 8 1/4"
30 - ISI - Return built up to a weak surface
30 - FF - Blow built to B.o.B. and built up to 11.79"
30 - FSI - Return built up to a weak blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2198.72	146.75	Initial Hydro-static
1	35.42	146.59	Open To Flow (1)
35	125.60	155.68	Shut-In(1)
65	1350.87	157.01	End Shut-In(1)
65	135.79	156.33	Open To Flow (2)
96	165.45	160.08	Shut-In(2)
126	1342.84	159.94	End Shut-In(2)
126	2096.86	159.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
209.00	MO - 35% m - 65% o	1.18
189.00	Free Oil - 100% o	1.94

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TESTING, INC.**

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Reference Elevations: 2250.00 ft (KB)

2245.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8671 Outside

Press@RunDepth: psig @ 4369.00 ft (KB)

Start Date: 2021.03.19

End Date:

2021.03.19

Start Time: 07:30:05

End Time:

14:45:59

Capacity: 8000.00 psig

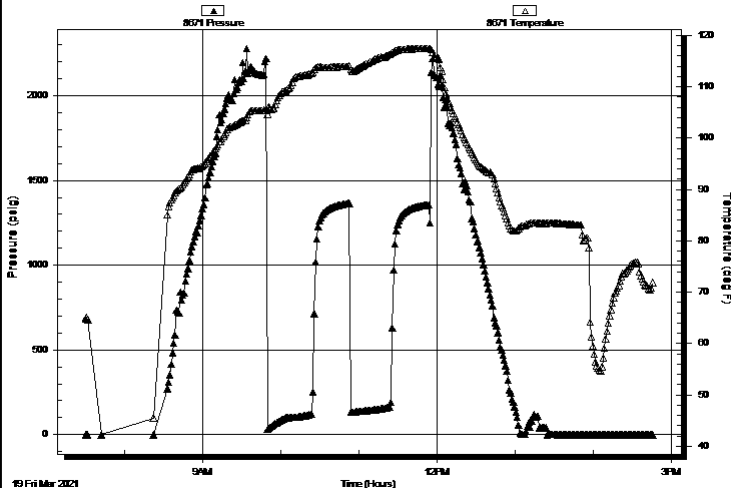
Last Calib.: 2021.03.19

Time On Btm:

Time Off Btm:

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Length (ft)	Description	Volume (bbl)
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Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Triple Crown Operating LLC

34-20S-21W Ness,KS

2201 S. Utica Pl Ste 100
Tulsa OK 74114

Darlene #1-34

Job Ticket: 47700

DST#: 1

ATTN: John

Test Start: 2021.03.19 @ 07:30:00

Tool Information

Drill Pipe:	Length: 4176.49 ft	Diameter: 3.25 inches	Volume: 42.85 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 180.35 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	43.74 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	18.84 ft			String Weight: Initial	57000.00 lb
Depth to Top Packer:	4368.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	51.00 ft				
Tool Length:	81.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4343.00	
Hydraulic tool	5.00			4348.00	
Em Tool	5.00			4353.00	
Jars	5.00			4358.00	
Packer	5.00			4363.00	30.00 Bottom Of Top Packer
Packer	5.00			4368.00	
Packer - Shale	0.00			4368.00	
Stubb	1.00			4369.00	
Recorder	0.00	8673	Inside	4369.00	
Recorder	0.00	8671	Outside	4369.00	
perforations	14.00			4383.00	
Change Over Sub	1.00			4384.00	
Drill Pipe	31.00			4415.00	
Change Over Sub	1.00			4416.00	
Bullnose	3.00			4419.00	51.00 Bottom Packers & Anchor

Total Tool Length: 81.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Triple Crown Operating LLC

34-20S-21W Ness,KS

2201 S. Utica Pl Ste 100
Tulsa OK 74114

Darlene #1-34

Job Ticket: 47700

DST#: 1

ATTN: John

Test Start: 2021.03.19 @ 07:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 59.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

38 deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
209.00	MO - 35%m - 65%o	1.181
189.00	Free Oil - 100%o	1.939

Total Length: 398.00 ft

Total Volume: 3.120 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8673

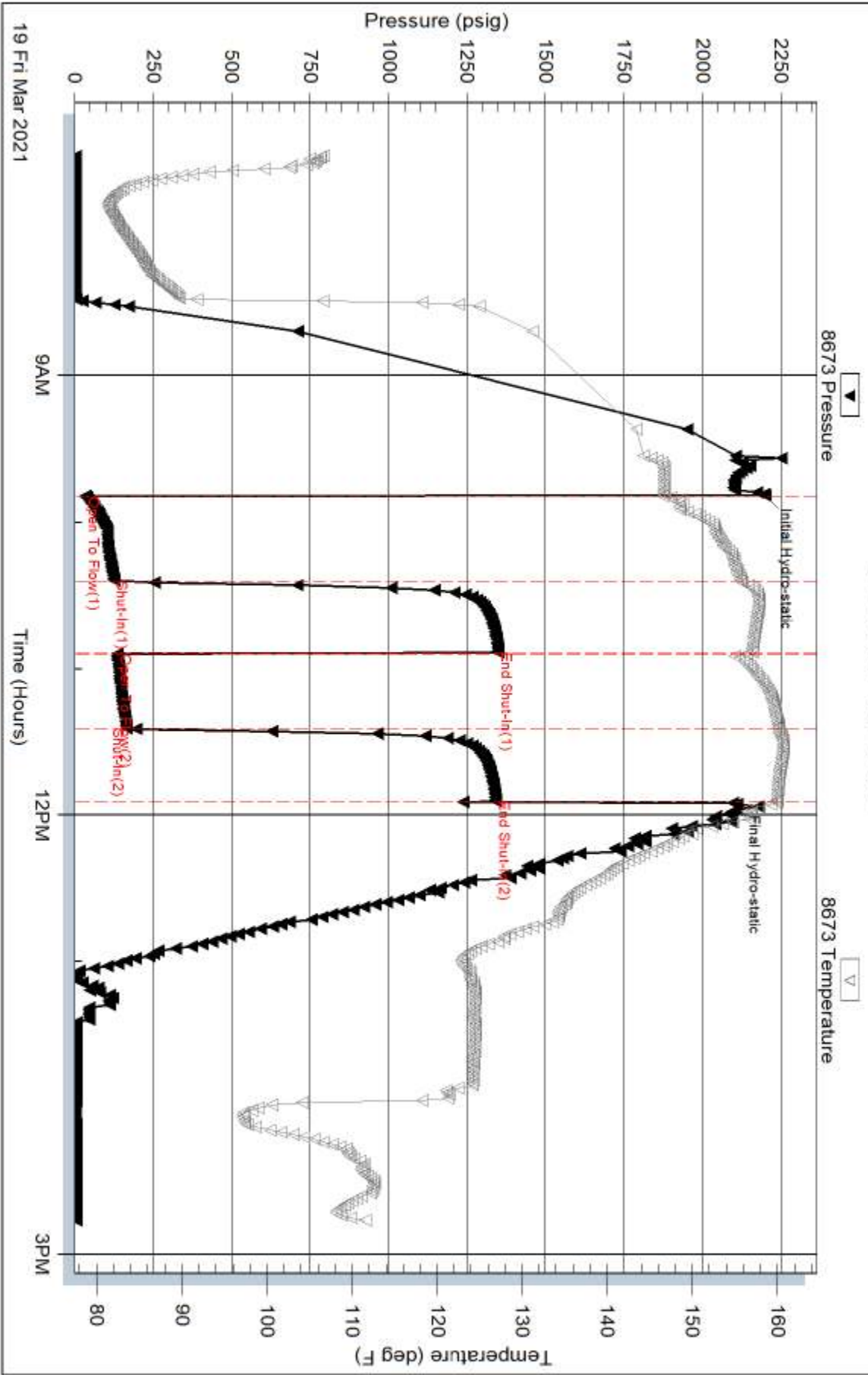
Inside

Triple Crown Operating LLC

Darlene #1-34

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 47700

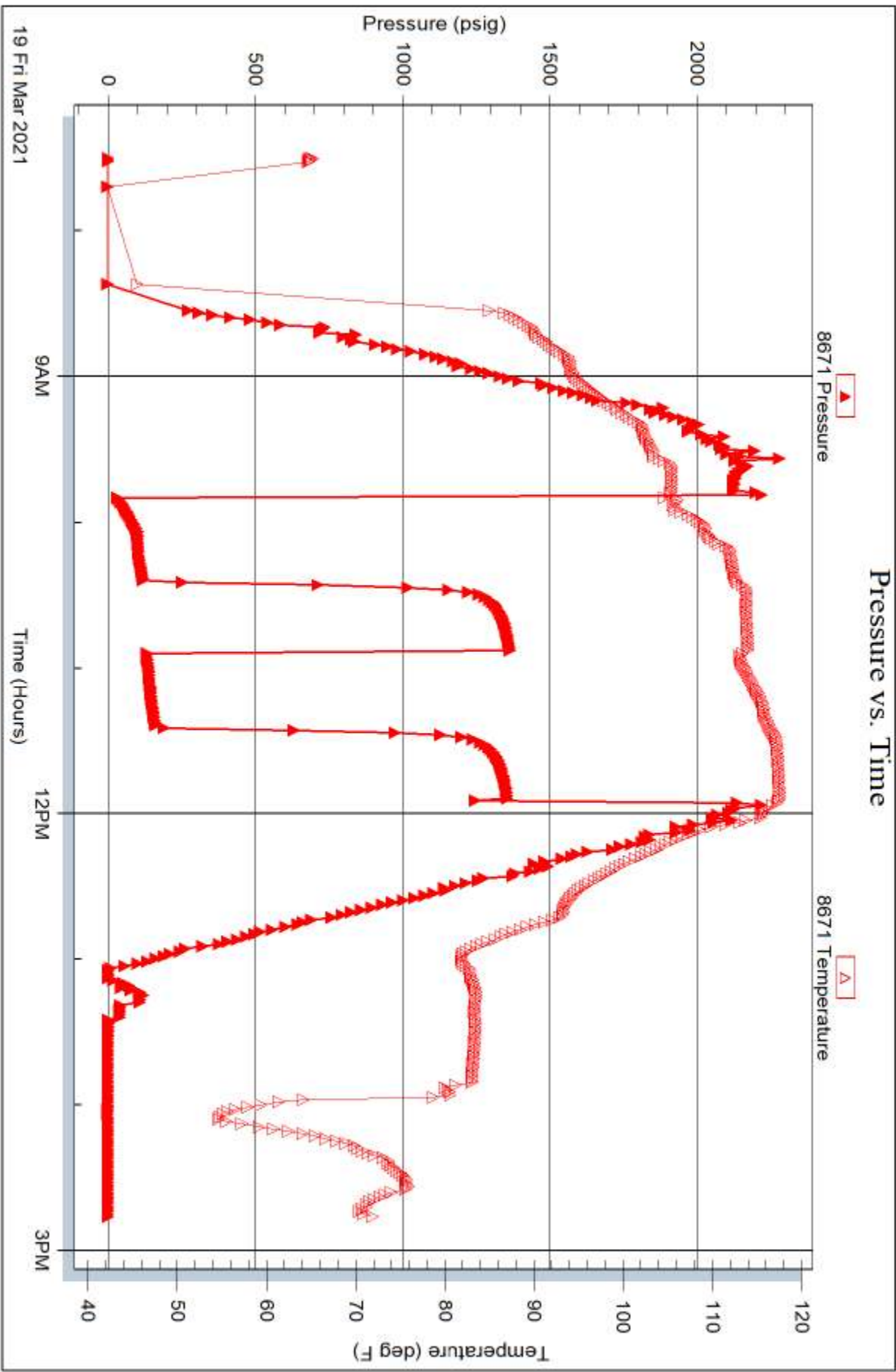
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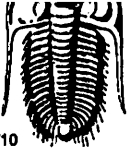
Serial #: 8671

Outside Triple Crown Operating LLC

Darlene #1-34

DST Test Number: 1





**TRIBOLITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47700

Well Name & No. Darlene #1-34 Test No. 1 Date 3-19-21
 Company Triple Crown Operating LLC Elevation 2250 KB 2245 GL
 Address 2201 S. Utica Pl Ste 100 Tulsa Ok 74114
 Co. Rep / Geo. John Rig WW #102
 Location: Sec. 34 Twp. 20S Rge. 21W Co. Ness State Ks

Interval Tested 43168'-44119' Zone Tested Mississippi
 Anchor Length 43168' 51' Drill Pipe Run 4176.49' Mud Wt. 9.1
 Top Packer Depth 43168' 4363 Drill Collars Run 180.35' Vis 59
 Bottom Packer Depth 43168 Wt. Pipe Run Ø WL 8.8
 Total Depth 44119 Chlorides 5000 ppm System LCM 1#

Blow Description IF - Blow built up to 8 1/4"
IST - Return built up to a weak surface
FF - Blow built to B.O.B. in 20 mins and built to 11.79"
ST - Return built up to a weak surface

Rec	Feet of	%gas	%oil	%water	%mud
209'	100'	65		35	
189'	Free Oil	100			

Rec Total 389' BHT 1109F Gravity 38 API RW @ °F Chlorides ppm
 (A) Initial Hydrostatic 2199 ☒ Test Successful 1300
 (B) First Initial Flow 35 ☒ Jars 250
 (C) First Final Flow 126 ☐ Safety Joint
 (D) Initial Shut-In 1351 ☐ Circ Sub
 (E) Second Initial Flow 136 ☐ Hourly Standby
 (F) Second Final Flow 165 ☒ Mileage 116 R/T 116
 (G) Final Shut-In 1343 ☐ Sampler
 (H) Final Hydrostatic 2097 ☐ Straddle
☒ Shale Packer 250
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 T-On Location 5:30am
 T-Started 7:30am
 T-Open 9:53am
 T-Pulled 11:53am
 T-Out 2:47pm
 Comments em Tool
Loaded tools after
test. 350 NS
☐ Ruined Shale Packer
☐ Ruined Packer
☒ Extra Copies 1 Extra Copy
 Sub Total 0
 Total 1916
 MP/DST Disc't

Approved By _____ Our Representative Ryan Fisher
 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.

Sean Deenihan
Petroleum Geologist

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY Triple Crown Operating LLC

LEASE Darlene #1-34

FIELD Wildcat

LOCATION 1583' FNL & 335' FWL

SEC 34 TWSP 20S RGE 21W

COUNTY Ness STATE Kansas

CONTRACTOR WW Drilling Rig #2

SPUD 3/13/21 COMP 3/19/21

RTD 4419' LTD 4421'

MUD UP 3218' TYPE MUD Chemical

SAMPLES SAVED FROM 3600' TO RTD

DRILLING TIME KEPT FROM 3600' TO RTD

SAMPLES EXAMINED FROM 3600' TO RTD

GEOLOGICAL SUPERVISION FROM 3600'

REFERENCE WELL

ELEVATIONS
KB 2249'

DF

GL 2244'

Measurements Are All
From Kelly Bushing

CASING

CONDUCTOR

SURFACE 8-5/8" at 1426'

PRODUCTION 5.5" at 4400'

ELECTRICAL

SURVEYS

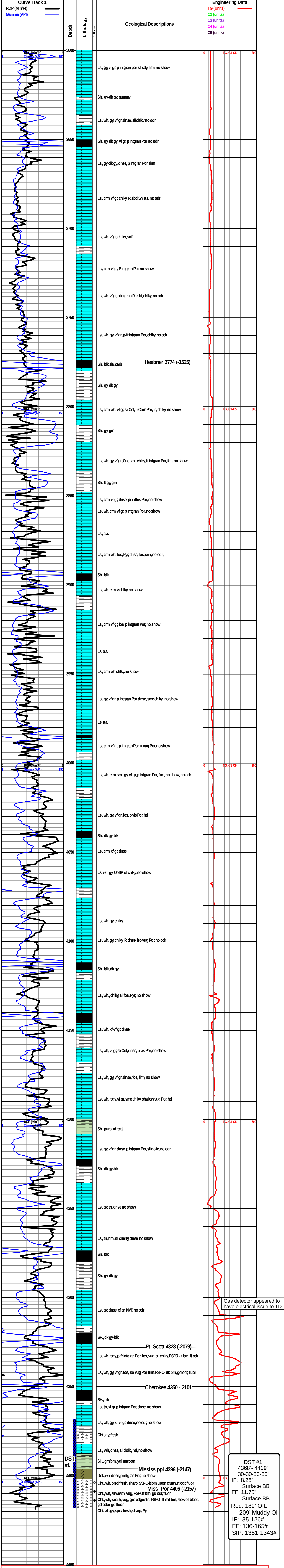
Gemini

CND/DIL. MIC

REMARKS The Darlene #1-34 ran structurally high and will be further evaluated through 5.5" production casing.

Respectfully Submitted,

Sean P. Deenihan



RTD: 4419'
LTD: 4421'

Triple Crown Operating LLC
34-20S-21W
Ness Co., KS

KB: 2249'