

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

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Name	Top	Datum
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:					

<div style="text-align: center;"> CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc. </div>							
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 (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water	Bbls.	Gas-Oil Ratio Gravity

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

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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	Charter Energy, Inc.
Well Name	KONECNY 3
Doc ID	1716160

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	848	60/40	350	4%cc 2% gel
Production	7.875	5.5	14	3430	EA-2	175	n/a

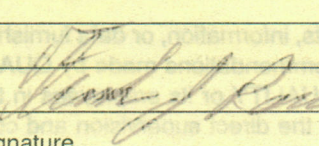
QUALITY OILWELL CEMENTING, INC.

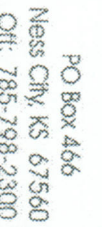
Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

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

No. 9555

Date	4/20/23	Sec.	22	Twp.	17	Range	14	County	Barber	State	Kansas	On Location		Finish	8:30am				
								Location								291+K4 1 North 1/4 W Ninto			
Lease								Konecny		Well No.		3		Owner		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								Southwind Drilling											
Type Job								Surface											
Hole Size								12 1/4								T.D.		848'	
Csg.								8 5/8								Depth		848'	
Tbg. Size																Depth			
Tool																Depth			
Cement Left in Csg.								26'								Shoe Joint		26'	
Meas Line																Displace		52 1/4	
EQUIPMENT																			
Pumptrk								18								No.		Cement	
																Helper		Nick	
Bulktrk								13								No.		Driver	
																Driver		Ross	
Bulktrk								PM								No.		Driver	
																Driver		David	
JOB SERVICES & REMARKS																			
Remarks:																Common			
Rat Hole																Poz. Mix			
Mouse Hole																Gel.			
Centralizers																Calcium			
Baskets																Hulls			
D/V or Port Collar																Salt			
Ran 8 5/8 x est. Circulation																Flowseal			
Completed with 350 SKS																Kol-Seal			
and Displaced																Mud CLR 48			
FLOAT EQUIPMENT																			
																CFL-117 or CD110 CAF 38			
																Sand			
																Handling			
																Mileage			
																Guide Shoe			
																Centralizer -2			
																Baskets			
																AFU Inserts			
Cement Did Circulate																Float Shoe			
																Latch Down			
																1- Backfill plate			
																Pumptrk Charge			
																Mileage			
																Tax			
																Discount			
																Total Charge			
X Signature																			



TICKET
No 2291

PO Box 400
Ness City, KS 67560
Off: 785-798-2300

CUSTOMER
harto E. m...

WELL: Known # 3

DATE 4-25-23

PAGE 2 OF 3

[illegible]

CONTINUATION TOTAL

$$\begin{array}{r} 5346 \\ \hline 50 \end{array}$$

JOB LOG

SWIFT Services, Inc.

DATE

4-25-23

PAGE NO.

CUSTOMER

Chatter

WELL NO.

3

LEASE

Konecny

JOB TYPE

Long String

TICKET NO.

35961

CHART
NO.

TIME

RATE
(BPM)VOLUME
(BBL) (GAL)PUMPS
T CPRESSURE (PSI)
TUBING CASING

DESCRIPTION OF OPERATION AND MATERIALS

1/100

On location

Csg- 5 1/2 x 1 1/4

RTD- 3650

Ser @ 3430

BAFFLE @ 3406

Turbolizers- 1, 2, 3, 5, 7, 9

1/300

Start Running Csg

1/430

Break Circ on Btm

2

8

0

plug rat hole - 30 sx

2

4

0

plug mouse hole - 20 sx

6

12

1300

set triplex basket shoe

6

20

400

pump mxt flush - 500 line

6

31

400

pump 1/2" spacer

400

pump Cmt - 130 sx EA-2

Drop plug - wash PAL

1/520

7.5

0

200

Start Disp

1/530

6.25

83

1000

land plug @ 1500 psi

Release psi - DY

Job Complete

Thanks

David, Seth & Brett



DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc.**

PO Box 252
Great Bend, KS 67530

ATTN: Jim Musgrove

Konecny #3

22-17S-14W Barton.KS

Start Date: 2023.04.24 @ 00:41:00

End Date: 2023.04.24 @ 07:22:45

Job Ticket #: 65033 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.04.25 @ 08:33:00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Charter Energy Inc.

22-17S-14W Barton.KS

PO Box 252
Great Bend, KS 67530

Konecny #3

Job Ticket: 65033

DST#: 1

ATTN: Jim Musgrove

Test Start: 2023.04.24 @ 00:41:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:32:15

Time Test Ended: 07:22:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Richie Samora

Unit No: 66

Interval: 3328.00 ft (KB) To 3380.00 ft (KB) (TVD)

Reference Elevations: 1887.00 ft (KB)

Total Depth: 3380.00 ft (KB) (TVD)

1877.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8355 Inside

Press@RunDepth: 82.03 psig @ 3334.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.04.24

End Date:

2023.04.24

Last Calib.: 1899.12.30

Start Time: 00:41:05

End Time:

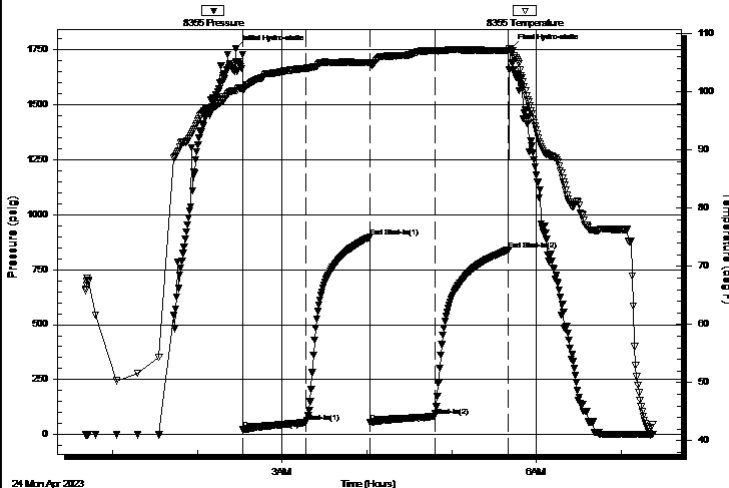
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Time On Btm: 2023.04.24 @ 02:27:15

Time Off Btm: 2023.04.24 @ 05:41:45

TEST COMMENT: 45-IF: Fair blow BOB in 38 minutes, built to 13.5"
45-ISI: No blow back
45-FF: Fair blow BOB in 40 minutes, built to 13"
45-FSI: No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1752.95	100.23	Initial Hydro-static
5	22.57	100.33	Open To Flow (1)
50	55.41	104.05	Shut-In(1)
95	897.41	105.06	End Shut-In(1)
96	57.00	104.76	Open To Flow (2)
141	82.03	107.11	Shut-In(2)
193	840.91	107.14	End Shut-In(2)
195	1755.96	106.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
121.00	GOMCW 5%G 32.5%O 2.5%W 60%M	1.70
45.00	CGO 5%G 95%O	0.63

Gas Rates

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

DRILL STEM TEST REPORT

Charter Energy Inc.

22-17S-14W Barton.KS

PO Box 252
Great Bend, KS 67530

Konecny #3

Job Ticket: 65033

DST#: 1

ATTN: Jim Musgrove

Test Start: 2023.04.24 @ 00:41:00

GENERAL INFORMATION:

Formation: **Arbuckle**

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Time Tool Opened: 02:32:15

Time Test Ended: 07:22:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Richie Samora

Unit No: 66

Interval: 3328.00 ft (KB) To 3380.00 ft (KB) (TVD)

Total Depth: 3380.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1887.00 ft (KB)

1877.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8289 Outside

Press@RunDepth: psig @ 3334.00 ft (KB)

Start Date: 2023.04.24

End Date:

2023.04.24

Start Time: 00:41:01

End Time:

07:22:40

Capacity: 8000.00 psig

Last Calib.: 1899.12.30

Time On Btm:

Time Off Btm:

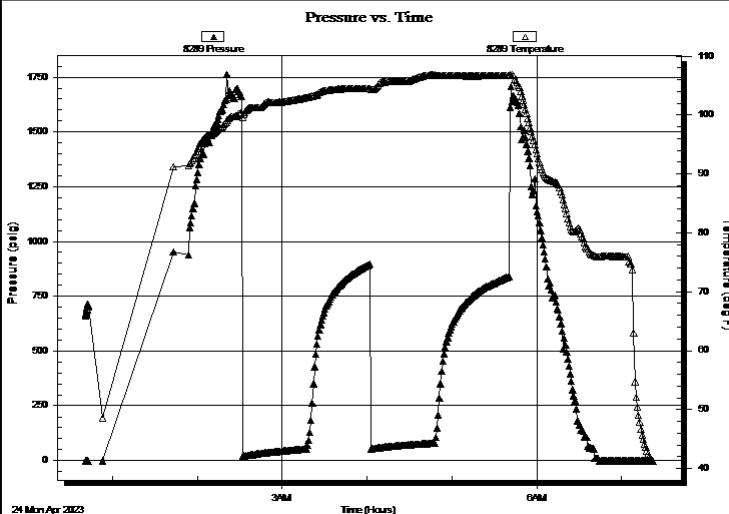
TEST COMMENT: 45-IF: Fair blow BOB in 38 minutes, built to 13.5"

45-ISI: No blow back

45-FF: Fair blow BOB in 40 minutes, built to 13"

45-FSI: No blow back

PRESSURE SUMMARY



Time
(Min.)

Pressure
(psig)

Temp
(deg F)

Annotation

Recovery

Length (ft)	Description	Volume (bbl)
121.00	GOMCW 5%G 32.5%O 2.5%W 60%M	1.70
45.00	CGO 5%G 95%O	0.63

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charter Energy Inc.

22-17S-14W Barton.KS

PO Box 252
Great Bend, KS 67530

Konecny #3

Job Ticket: 65033

DST#: 1

ATTN: Jim Musgrove

Test Start: 2023.04.24 @ 00:41:00

Tool Information

Drill Pipe:	Length:	3304.00 ft	Diameter:	3.80 inches	Volume:	46.35 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	3.25 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	52000.00 lb
					Total Volume:	46.35 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		3.00 ft					String Weight: Initial	31000.00 lb
Depth to Top Packer:		3328.00 ft					Final	32000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		52.00 ft						
Tool Length:		79.00 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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Change Over Sub	1.00		3302.00	
Shut In Tool	5.00		3307.00	
Hydraulic tool	5.00	Fluid	3312.00	
EM	4.00		3316.00	
Safety Joint	3.00		3319.00	
Packer	5.00		3324.00	27.00 Bottom Of Top Packer
Packer	4.00		3328.00	
Stubb	1.00		3329.00	
Handling Sub	5.00		3334.00	
Recorder	0.00	8355 Inside	3334.00	
Recorder	0.00	8289 Outside	3334.00	
Perforations	43.00		3377.00	
Bullnose	3.00		3380.00	52.00 Bottom Packers & Anchor

Total Tool Length: 79.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy Inc.

22-17S-14W Barton.KS

PO Box 252
Great Bend, KS 67530

Konecny #3

Job Ticket: 65033

DST#: 1

ATTN: Jim Musgrove

Test Start: 2023.04.24 @ 00:41:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 5700.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
121.00	GOMCW 5%G 32.5%O 2.5%W 60%M	1.697
45.00	CGO 5%G 95%O	0.631

Total Length: 166.00 ft

Total Volume: 2.328 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8355

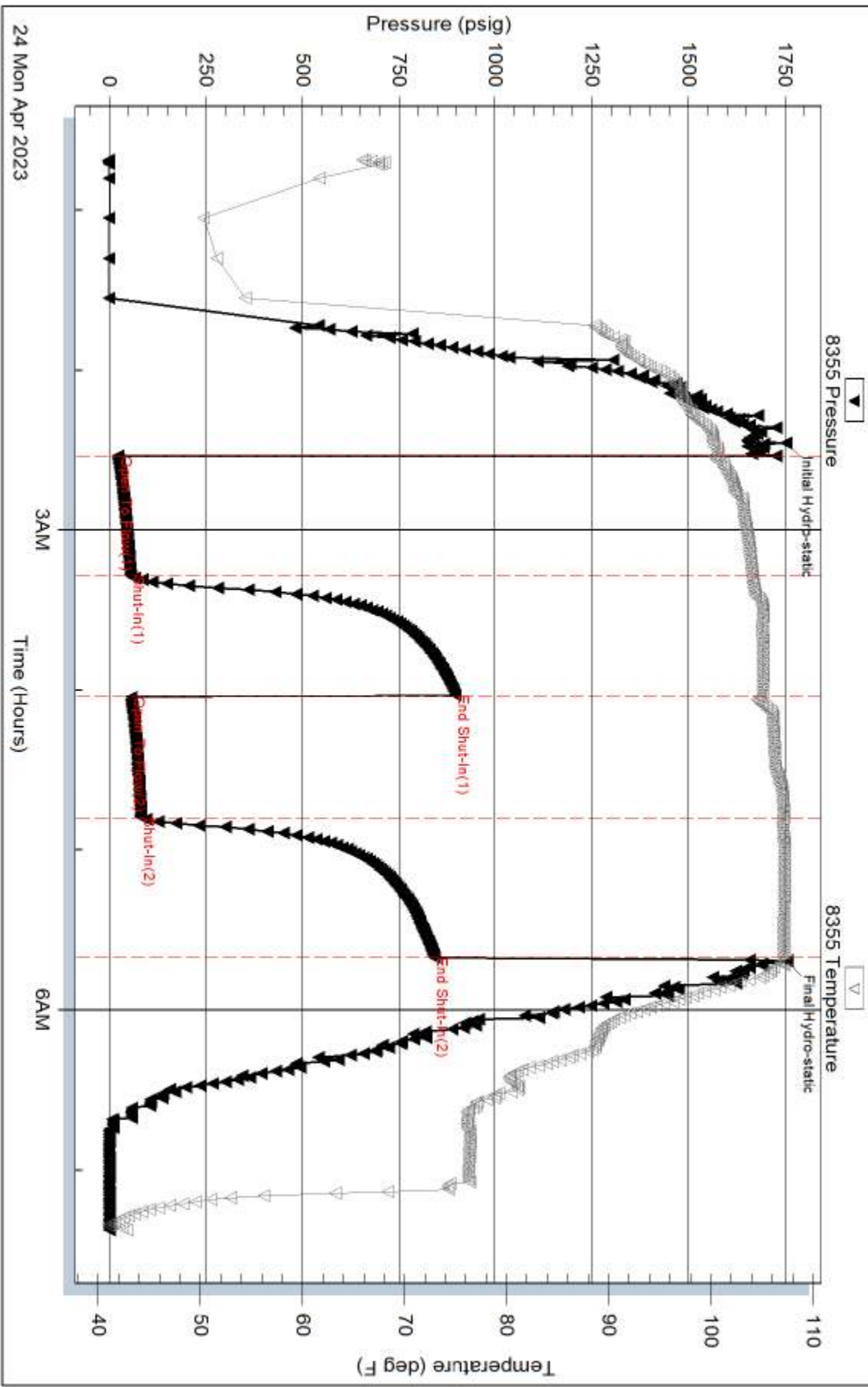
Inside

Charter Energy Inc.

Konecny #3

DST Test Number: 1

Pressure vs. Time

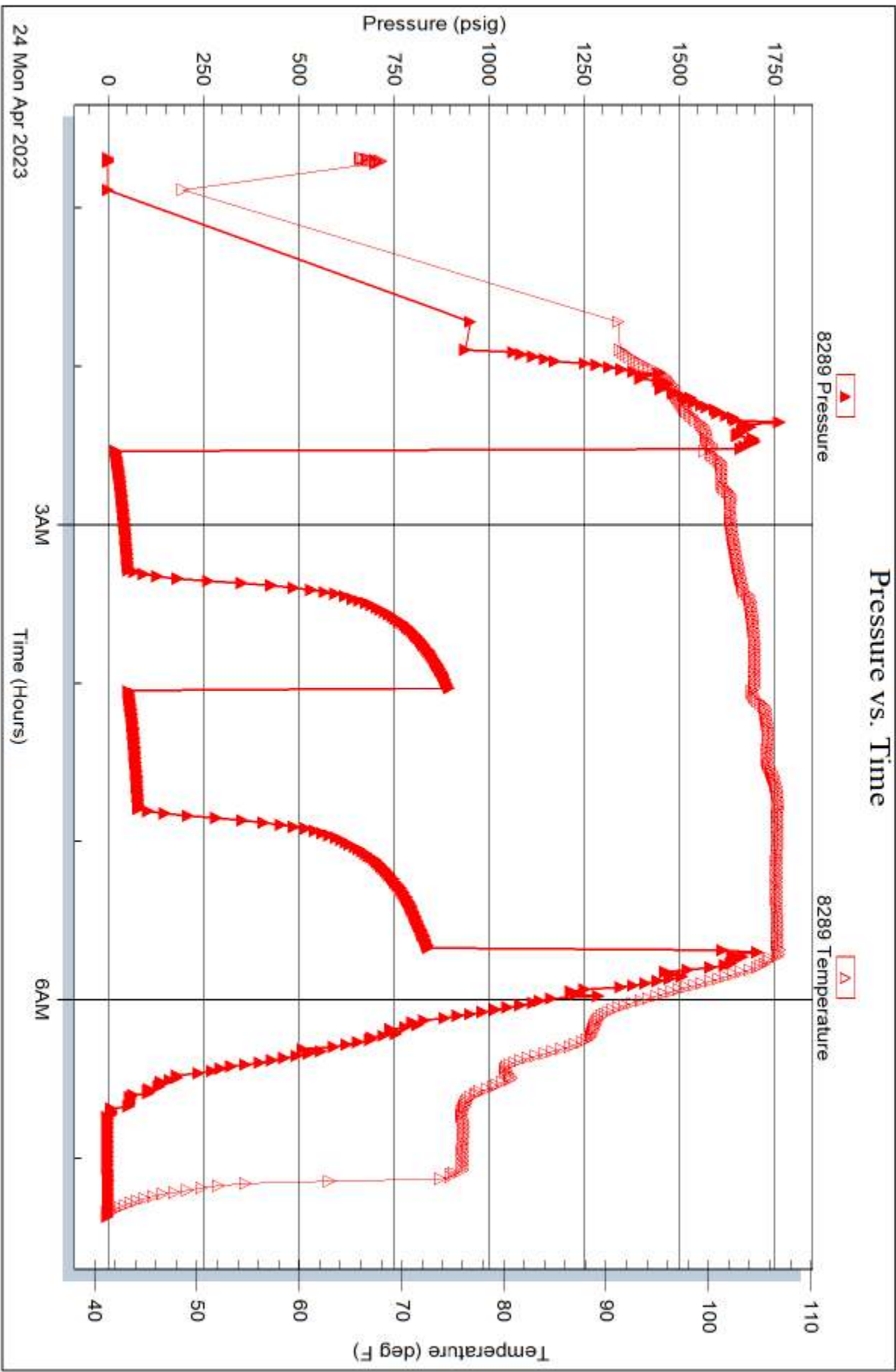


Serial #: 8289

Outside Charter Energy Inc.

Konecny #3

DST Test Number: 1





TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65033

Well Name & No. Konechy #3 Test No. 1 Date 4-23-23
 Company Charter Energy Inc Elevation 1889 KB 1697 GL
 Address PO Box 252 Great Bend KS 67530
 Co. Rep / Geo. Jim Muggone Rig Southern 1
 Location: Sec. 22 Twp 17S Rge. 14W Co. Barton State KS

Interval Tested 3328-3380 Zone Tested Artuckle
 Anchor Length 52 Drill Pipe Run 3304 Mud Wt. 9.4
 Top Packer Depth 3324 Drill Collars Run 0 Vis 50
 Bottom Packer Depth 3328 Wt. Pipe Run 0 WL 8.8
 Total Depth 3380 Chlorides 5700 ppm System LCM 1H

Blow Description IF: Fair blow BOB in 38 minutes built to 13.54"
FI: No Blow Back
FF: Fair blow BOB in 40 minutes built to 13"
FSL: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>45</u>	<u>CGO</u>	<u>5</u>	<u>95</u>	<u>0</u>	<u>0</u>
<u>121</u>	<u>GOMCW</u>	<u>5</u>	<u>32.5</u>	<u>2.5</u>	<u>60</u>
<u>25</u>	<u>GIP</u>	<u>100</u>			
<u>166</u>	<u>BHT 107.5</u>	<u>31</u>	<u>36</u>	<u>55</u>	<u>NA</u>

(A) Initial Hydrostatic 1753 Test 1800 T-On Location 2344
 (B) First Initial Flow 23 Jars 01:15 T-Started 01:15
 (C) First Final Flow 55 Safety Joint 02:32 T-Open 02:32
 (D) Initial Shut-In 897 Circ Sub 05:33 T-Pulled 05:33
 (E) Second Initial Flow 57 Hourly Standby 07:45 T-Out 07:45
 (F) Second Final Flow 82 Mileage 18 31.50 Comments B: H5 30:41
 (G) Final Shut-In 841 Sampler FM 90:46
 (H) Final Hydrostatic 1756 Straddle EM Tool Good

Initial Open 45 Shale Packer 0 Ruined Shale Packer 0
 Initial Shut-In 45 Extra Packer 0 Ruined Packer 0
 Final Flow 45 Extra Recorder 0 Extra Copies 0
 Final Shut-In 45 Day Standby 0 Sub Total 0
 Accessibility 0 Total 1831.50
 Sub Total 1831.50 MP/DST Disc1 0

Approved By [Signature] Our Representative [Signature]
 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 statement 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: Charter Energy Inc.
 Address: PO Box 252
 Great Bend, KS 67530

Contact Geologist: Jim Musgrove
 Contact Phone Nbr: 620-792-8639
 Well Name: Konecny #3
 Location: 22-17s-47w SE-NW-NE-SE
 API: 15-009-26390-00-00
 Pool:
 State: Kansas

Field: Carroll East
 Country: USA

**CHARTER ENERGY, INC.**

P.O. BOX 252
 GREAT BEND, KS 67530
 (620) 793-9090



Scale 1:240 Imperial

Well Name: Konecny #3
 Surface Location: 22-17s-47w SE-NW-NE-SE
 Bottom Location:
 API: 15-009-26390-00-00
 License Number: 9090
 Spud Date: 4/19/2023 Time: 12:00 AM
 Region: Barton Time: 12:00 AM
 Drilling Completed: 4/25/2023
 Surface Coordinates: 2150' FSL & 805' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 1873.00ft
 K.B. Elevation: 1883.00ft
 Logged Interval: 2800.00ft To: 3650.00ft
 Total Depth: 3650.00ft
 Formation: LKC/Arbuckle
 Drilling Fluid Type: Chemical/Fresh Water Gel

CASING SUMMARY

	Surface	Intermediate	Main		
Bit Size					
Hole Size					
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8 5/8" in	848' ft			
Int Casing					
Prod Casing	5 1/2" in	3427' ft			

CASING SEQUENCE

Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft

OPEN HOLE LOGS

Logging Company: ELI
 Logging Engineer: Cole Robben
 Truck #:
 Logging Date: Time Spent:
 # Logs Run: 0 # Logs Run Successful: 0

LOGS RUN

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
	0.00ft	0.00ft	0.00		0

LOGGING OPERATION SUMMARY

Date	From	To	Description Of Operation
12/5/2007	0.00ft	0.00ft	

Well Type: Vertical
Longitude:
Latitude:
N/S Co-ord: 2150' FSL
E/W Co-ord: 805' FEL

LOGGED BY



Company: James C Musgrove Petroleum LLC
Address: 212 Main Street/PO Box 215
Claflin, KS 67525

Phone Nbr: 620-588-4250 620-786-0839
 Logged By: KLG #307

Name: James C Musgrove

CONTRACTOR

Contractor:	Southwind Drilling		
Rig #:	#1		
Rig Type:	mud rotary		
Spud Date:	4/19/2023	Time:	12:00 AM
TD Date:	4/25/2023	Time:	12:00 AM
Rig Release:		Time:	

ELEVATIONS

K.B. Elevation:	1883.00ft	Ground Elevation:	1873.00ft
K.B. to Ground:	10.00ft		

NOTES

REMARKS:

5 1/2" production/disposal casing was set and cemented at 3427'; 223' off bottom.

Respectfully yours,

James C Musgrove
Petroleum Geologist

well comparison sheet

[illegible]



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Charter Energy Inc.

PO Box 252 Great Bend KS, 67530

ATTN: Jim Musgrove

22-17S-14W/Barton

Konecny #3

Job Ticket: 65033

DST#: 1

Test Start: 2023.04.24 @ 00:41:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:32:15

Time Test Ended: 07:22:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Richie Samora

Unit No: 66

Interval: **3328.00 ft (KB) To 3380.00 ft (KB) (TVD)**

Total Depth: 3380.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1887.00 ft (KB)

1877.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8355

Press@RunDepth: 82.03 psig @ ft (KB)

Start Date: 2023.04.24

End Date:

2023.04.24

Start Time: 00:41:05

End Time:

07:22:44

Capacity: 8000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2023.04.24 @ 02:27:15

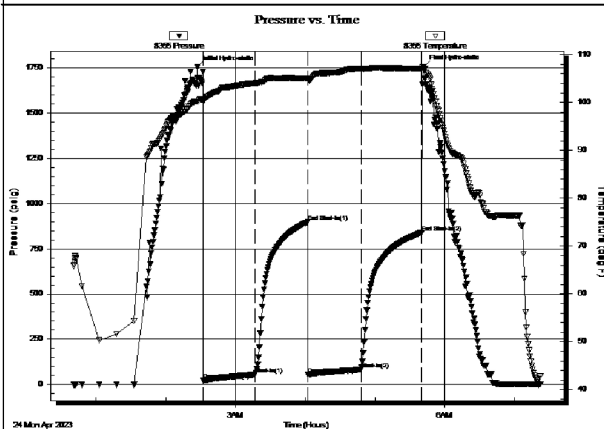
Time Off Btm: 2023.04.24 @ 05:41:45

TEST COMMENT: 45-IF: Fair blow BOB in 38 minutes, built to 13.5"

45-ISI: No blow back

45-FF: Fair blow BOB in 40 minutes, built to 13"

45-FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1752.95	100.23	Initial Hydro-static
5	22.57	100.33	Open To Flow (1)
50	55.41	104.05	Shut-In(1)
95	897.41	105.06	End Shut-In(1)
96	57.00	104.76	Open To Flow (2)
141	82.03	107.11	Shut-In(2)
193	840.91	107.14	End Shut-In(2)
195	1755.96	106.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
121.00	GOMCW 5%G 32.5%O 2.5%W 60%M	1.70
45.00	CGO 5%G 95%O	0.63

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc

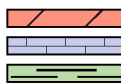
Ref. No: 65033

Printed: 2023.04.24 @ 07:57:42

ROCK TYPES



Clystgy
Clystcol
Dolprim



Dolsec
Lmst fw7>
shale, grn



shale, gry
Carbon Sh
shale, red



Ss
Igne
Meta

ACCESSORIES

STRINGER

Sandstone

OTHER SYMBOLS

INTERVALS

- Core
- DST

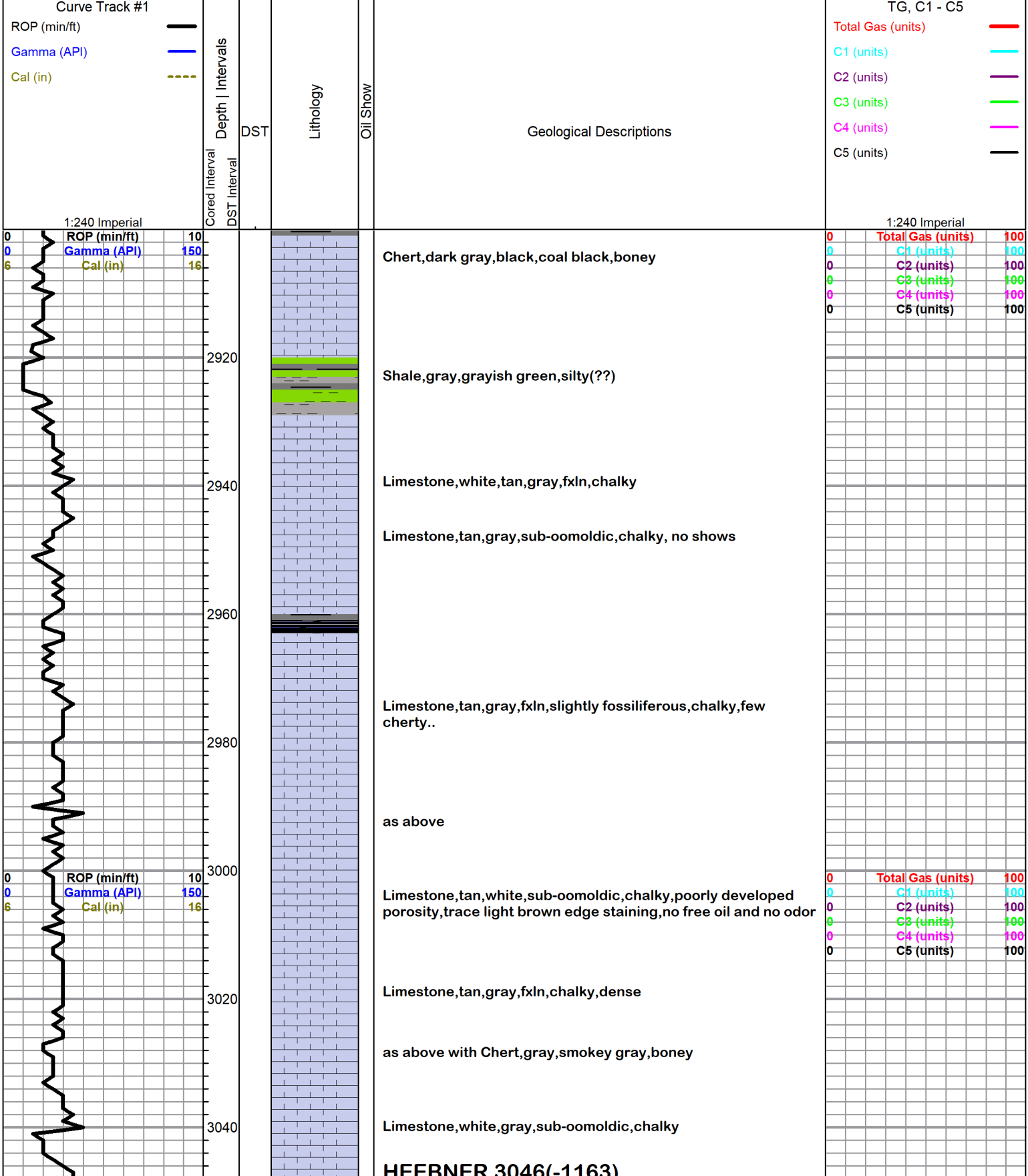
Oil Show

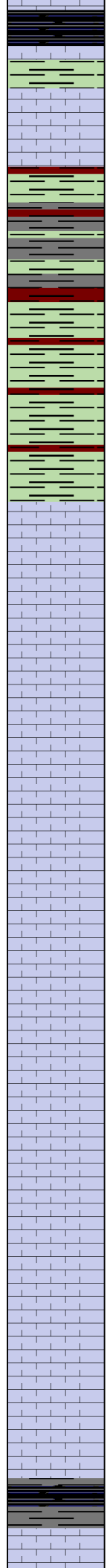
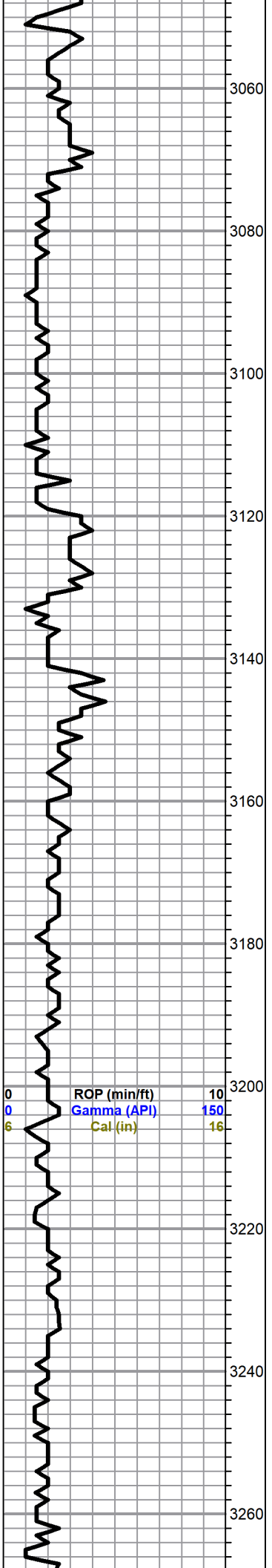
- Good Show
- Fair Show
- Poor Show
- Spotted or Trace
- Questionable Stn
- D Dead Oil Stn
- Fluorescence
- * Gas

DST

- DST Int
- DST alt
- Core
- tail pipe

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Shale,black carbonaceous,soft

TORONTO 3060(-1177)

Limestone,tan,gray,fxln,chalky, few fossiliferous,trace gray chert

DOUGLAS 3074(-1191)

Shale,gray,grayish green, rusty brown,silty

as above

ditto

BROWN LIME 3120(-1237)

Limestone, tan,gray,dense

LANSING 3127(-12440)

Limestone,white,oolitic,sub-oomoldic,trace brown stain,trace of free oil and no odor

Limestone,white,oolitic,chalky,poor porosity,trace gray fossiliferous chert

Limestone,white,gray,fxln,few oolitic/fossiliferous,chalky

Limestone,white,gray,fossiliferous,poor visible porosity,trace brown stain,no free oil and no odor

Limestone,white,tan,fxln,finely oolitic,fair porosity,golden brown stain,trace of free oil and faint odor

Limestone,white,cream,oomodic,chalky,poor visible porosity..no shows

Limestone,gray,white,fossiliferous in part,chalky,questionable black stain(discoloration) no free oil and no odor

Shale,gray,black,soft

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100

Mud-Co Mud
chk
@ 3000 ft.
0000 hrs.
0/0/13
Vis. 50 Wt.
9.2
PV 18 YP 32
WL 11.2
Cake 1/32,
pH 9.0
CHL 6000
ppm
Ca 160 ppm
Sol 6.1 LCM
10#
DMC \$0
CMC \$0

