

Confidentiality Requested:

 Yes NoKANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISIONForm ACO-1
January 2018Form must be Typed
Form must be Signed
All blanks must be FilledWELL 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
Recompletion Date

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: _____ (e.g. xx.xxxxx), Long: _____ (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 DistributionALT 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 (Attach Additional Sheets)	<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:				

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

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

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

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

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

No. 3559

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
4/20/23	22	17	14	Barton	Kansas		8:30am

Location 281+K4 1 North 1/4 NW Ninto

Lease Konecny	Well No. 3	Owner
Contractor Southwind Drilling		To Quality Oilwell Cementing, Inc.
Type Job Surface		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Hole Size 12 1/4	T.D. 848'	Charge To Charter Energy
Csg. 858	Depth 848'	Street
Tbg. Size	Depth	City
Tool	Depth	State
Cement Left in Csg. 26'	Shoe Joint 26'	Cement Amount Ordered 350 50 4% cc 2% gal
Meas Line	Displace 52 1/4	

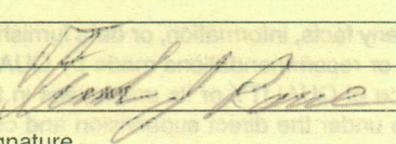
EQUIPMENT

Pumptrk 18	No. 1	Cementer Nick	Common
		Helper	Poz. Mix
Bulktrk 13	No. 2	Driver Ross	Gel.
Bulktrk 14	No. 3	Driver David	Calcium

JOB SERVICES & REMARKS

Remarks:	Salt
Rat Hole	Flowseal
Mouse Hole	Kol-Seal
Centralizers	Mud CLR 48
Baskets	CFL-117 or CD110 CAF 38
D/V or Port Collar	Sand
Ran 8% & cst. circulation	Handling
Comments with 350 sks	Mileage
and Displaced	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer -2	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
1- Baffle plate	
Pumptrk Charge	
Mileage	
	Tax
	Discount
	Total Charge

X Signature



PO Box 466
less City, KS 67560
Off: 785-788-2300

TICKET CONTINUATION

HOCKEY
No. 35961

JOB LOG

SWIFT Services, Inc.

DATE
4-25-23

PAGE NO.

Customer Charter			Well No. 3	Lease Konecny		Job Type long String	Ticket No. 35961
Chart No.	Time	Rate (BPM)	Volume (BBL) (GAL)	Pumps		Pressure (PSI) Tubing Casing	Description of Operation and Materials
				T	C		
	1100						On location
							Csg - 5 1/2" x 14"
							RID - 3650
							Set @ 34/30
							Baffle @ 34/06
							Turbolizers - 1, 2, 3, 5, 7, 9
1300							Spacer running Csg
1430							Brake Circ on Btm
	2	8			0		plug rat hole - 30 sec
	2	4			0		plug mouse hole - 20 sec
	6	12			1300		set triplex basket shoe
	6	20			400		pump must flush - 500 sec
	6	31			400		pump KCL spacer
							pump Cmt - 130 sec EA - 2
							Drop plug - wash 18L
1520	7.5	0			200		Spacer Disp
1530	6.25	83			1000		Land plug @ 1500 psi
							Release psi - 54
							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

Charter Energy Inc.
22-17S-14W Barton.KS

Konecny #3
DST # 1

Arbuckle
2023.04.24

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Charter Energy Inc.

22-17S-14W Barton.KS

PO Box 252
Great Bend, KS 67530

Konecny #3

ATTN: Jim Musgrove

Job Ticket: 65033

DST#: 1

Test Start: 2023.04.24 @ 00:41:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 02:32:15

Tester: Richie Samora

Time Test Ended: 07:22:45

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

Last Calib.: 1899.12.30

Start Time: 00:41:05

Time On Btm: 2023.04.24 @ 02:27:15

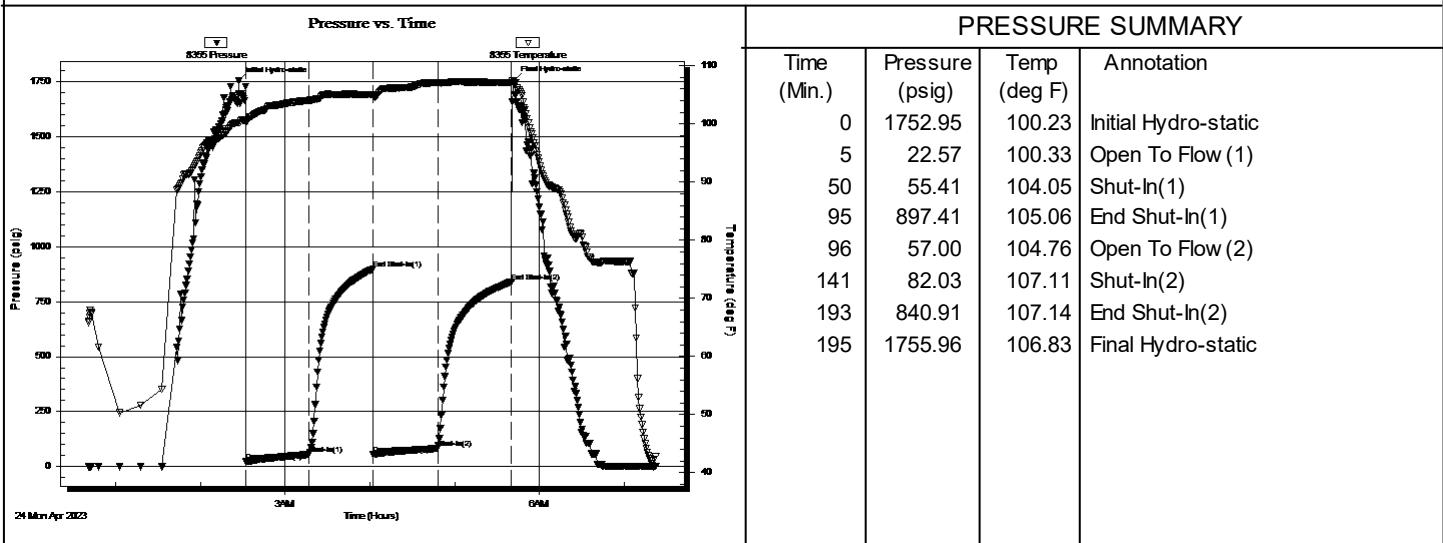
Time Off Btm: 2023.04.24 @ 05:41:45

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



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

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Charter Energy Inc.

22-17S-14W Barton.KS

PO Box 252
Great Bend, KS 67530

Konecny #3

ATTN: Jim Musgrove

Job Ticket: 65033

DST#: 1

Test Start: 2023.04.24 @ 00:41:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 02:32:15

Tester: Richie Samora

Time Test Ended: 07:22:45

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 #: 8289 **Outside**

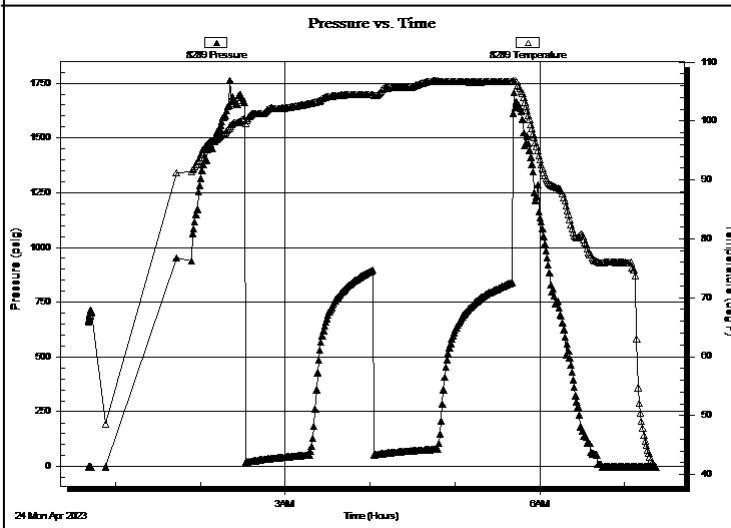
Press@RunDepth:	psig @	3334.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2023.04.24	End Date:	2023.04.24	Last Calib.: 1899.12.30
Start Time:	00:41:01	End Time:	07:22:40	Time On Btm:
				Time Off Btm:

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 (Mcfd)



**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

ATTN: Jim Musgrove

Job Ticket: 65033

DST#: 1

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
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

ATTN: Jim Musgrove

Job Ticket: 65033

DST#: 1

Test Start: 2023.04.24 @ 00:41:00

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:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5700.00 ppm				
Filter Cake:	0.20 inches				

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:

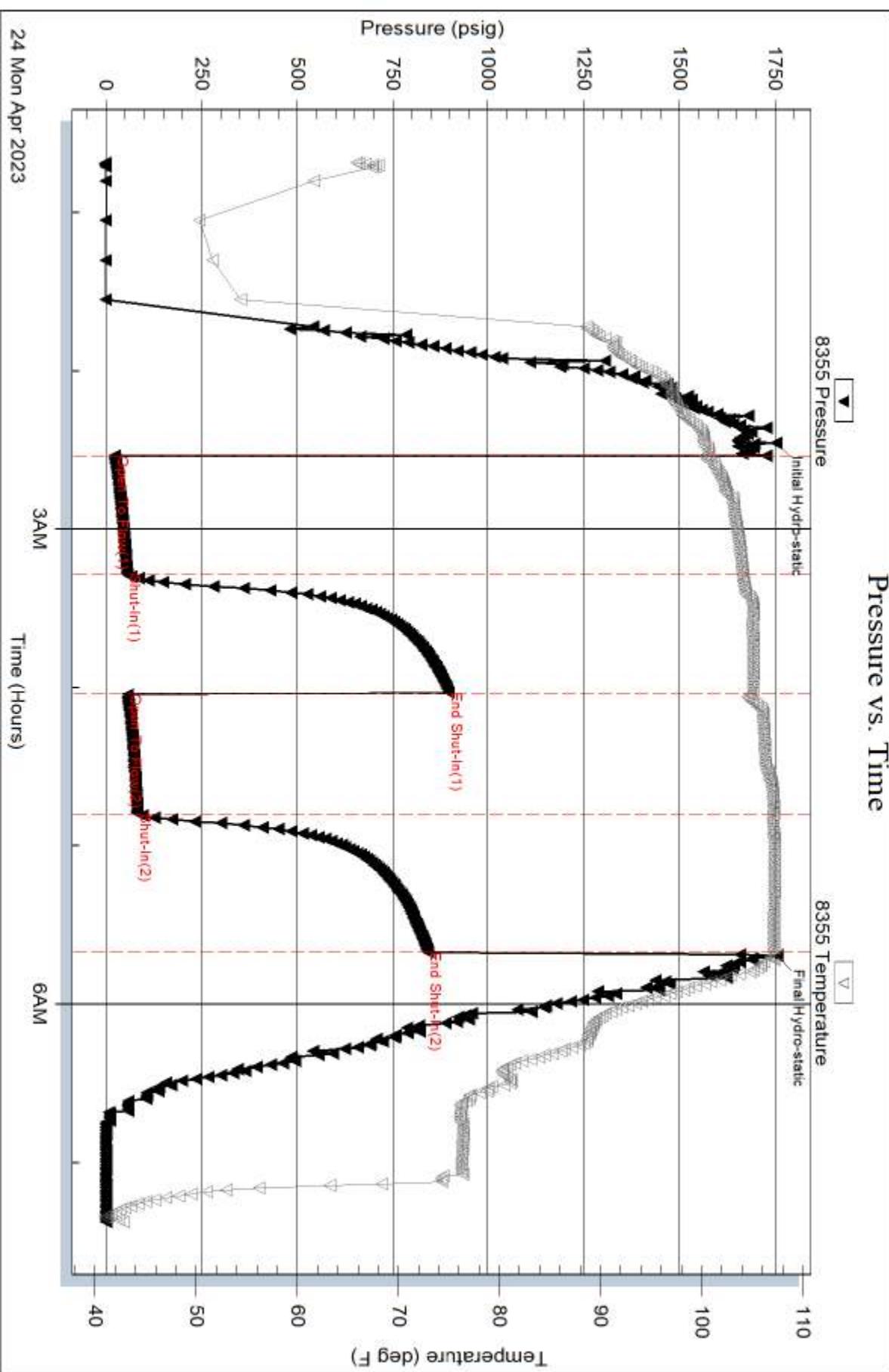
Recovery Comments:

Serial #: 8355

Inside Charter Energy Inc.

Konecny #3

DST Test Number: 1



Serial #: 8289

Outside Charter Energy Inc.

Konecny #3

DST Test Number: 1

Pressure vs. Time

8289 Pressure 

8289 Temperature 

Pressure (psig)

1750
1500
1250
1000
750
500
250
0

Temperature (deg F)

110
100
90
80
70
60
50
40

24 Mon Apr 2023

3AM
Time (Hours)

6AM



**TRILOBITE
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 Chenier Energy Inc Elevation 1887 KB 5697 GL
 Address PA 80X 252 Great Bend KS 67530
 Co. Rep / Geo. Jim Musgrave Rig Saythruval 1
 Location: Sec. 22 Twp 175 Rge. 14W Co. Barton State KS

Interval Tested 3328-3380 Zone Tested Arbuckle
 Anchor Length 52' Drill Pipe Run 3304 Mud Wt. 9.4
 Top Packer Depth 3324 Drill Collars Run 9 Vis 50
 Bottom Packer Depth 3328 Wt. Pipe Run 9 WL 8.8
 Total Depth 3380 Chlorides 5300 ppm System LCM 17

Blow Description IF: Fair blower BQB in 38 minutes built to 13.54"

SI: No Blow Back

FF: Fair blower BQB in 40 minutes built to 13"

FSI: No blow back

Rec <u>45</u>	Feet of <u>CGO</u>	<u>5</u> %gas	<u>95</u> %oil	<u>0</u> %water	<u>0</u> %mud
Rec <u>121</u>	Feet of <u>GOMCW</u>	<u>5</u> %gas	<u>325</u> %oil	<u>2.5</u> %water	<u>60</u> %mud
Rec <u></u>	Feet of <u></u>	<u></u> %gas	<u></u> %oil	<u></u> %water	<u></u> %mud
Rec <u>25</u>	Feet of <u>GIP</u>	<u>100</u> %gas	<u></u> %oil	<u></u> %water	<u></u> %mud
Rec <u></u>	Feet of <u></u>	<u></u> %gas	<u></u> %oil	<u></u> %water	<u></u> %mud
Rec Total <u>166</u>	BHT <u>107.5</u>	Gravity <u>31</u>	31 RW <u>36</u>	@ <u>55</u> °F	Chlorides <u>NA</u> ppm

(A) Initial Hydrostatic <u>1753</u>	<input checked="" type="checkbox"/> Test <u>1800</u>	T-On Location <u>2344</u>
(B) First Initial Flow <u>23</u>	<input type="checkbox"/> Jars	T-Started <u>01:15</u>
(C) First Final Flow <u>55</u>	<input type="checkbox"/> Safety Joint	T-Open <u>02:32</u>
(D) Initial Shut-In <u>897</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>05:33</u>
(E) Second Initial Flow <u>57</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>02:45</u>
(F) Second Final Flow <u>82</u>	<input checked="" type="checkbox"/> Mileage <u>18</u> 31.50	Comments <u>B+H590:41</u>
(G) Final Shut-In <u>841</u>	<input type="checkbox"/> Sampler	<u>FM 90.46</u>
(H) Final Hydrostatic <u>1756</u>	<input type="checkbox"/> Straddle	

Initial Open <u>45</u>	<input checked="" type="checkbox"/> EM Tool <u>Good</u>
Initial Shut-In <u>45</u>	<input type="checkbox"/> Ruined Shale Packer
Final Flow <u>45</u>	<input type="checkbox"/> Ruined Packer
Final Shut-In <u>45</u>	<input type="checkbox"/> Extra Copies
Sub Total <u>1831.50</u>	Sub Total <u>0</u>
	Total <u>1831.50</u>
	MP/DST Disc'l

Approved By 9/22 Our Representative Ziedi Sosa

Triobite Testing Inc. shall not be liable for damages 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: 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: Field: Carroll East
 State: Kansas 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
 Drilling Completed: 4/25/2023 Time: 12:00 AM
 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

Bit Size Hole Size	Surface	Intermediate	Main	Type	# of Joints	Drilled Out At
	Size	Set 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	

SURFACE COORDINATES

SURFACE CO-ORDINATES

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

LOGGED BY



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

TD Date: 4/25/2023

Rig Release:

Time: 12:00 AM

Time: 12:00 AM

Time:

EL EVATIONS

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

Ground Elevation: 1873.00ft

NOTES

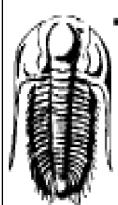
REMARKS:

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



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

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

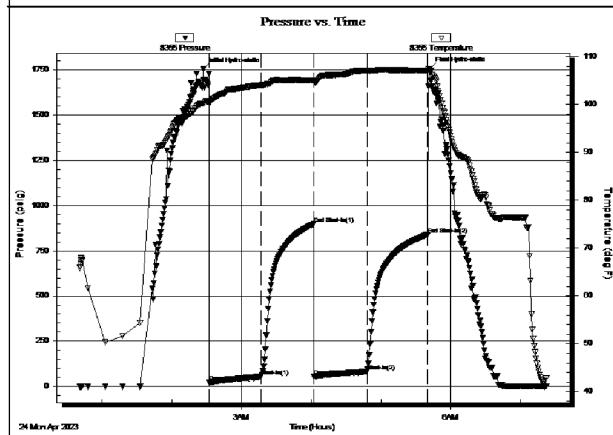
Test Type: Conventional Bottom Hole (Initial)
Tester: Richie Samora
Unit No: 66

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)	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:	07:22:44	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)

Trilobite Testing, Inc

Ref. No: 65033

Printed: 2023.04.24 @ 07:57:42

ROCK TYPES



Clysty
Clystcol
Dolprim



Dolsec
Lmst fw7>
shale, grn



shale, grg
Carbon Sh
shale, red



Ss
Igne
Meta

ACCESSORIES

STRINGER



OTHER SYMBOLS

INTERVALS

The logo consists of a black square icon followed by the text "Core DST" in a black, sans-serif font.

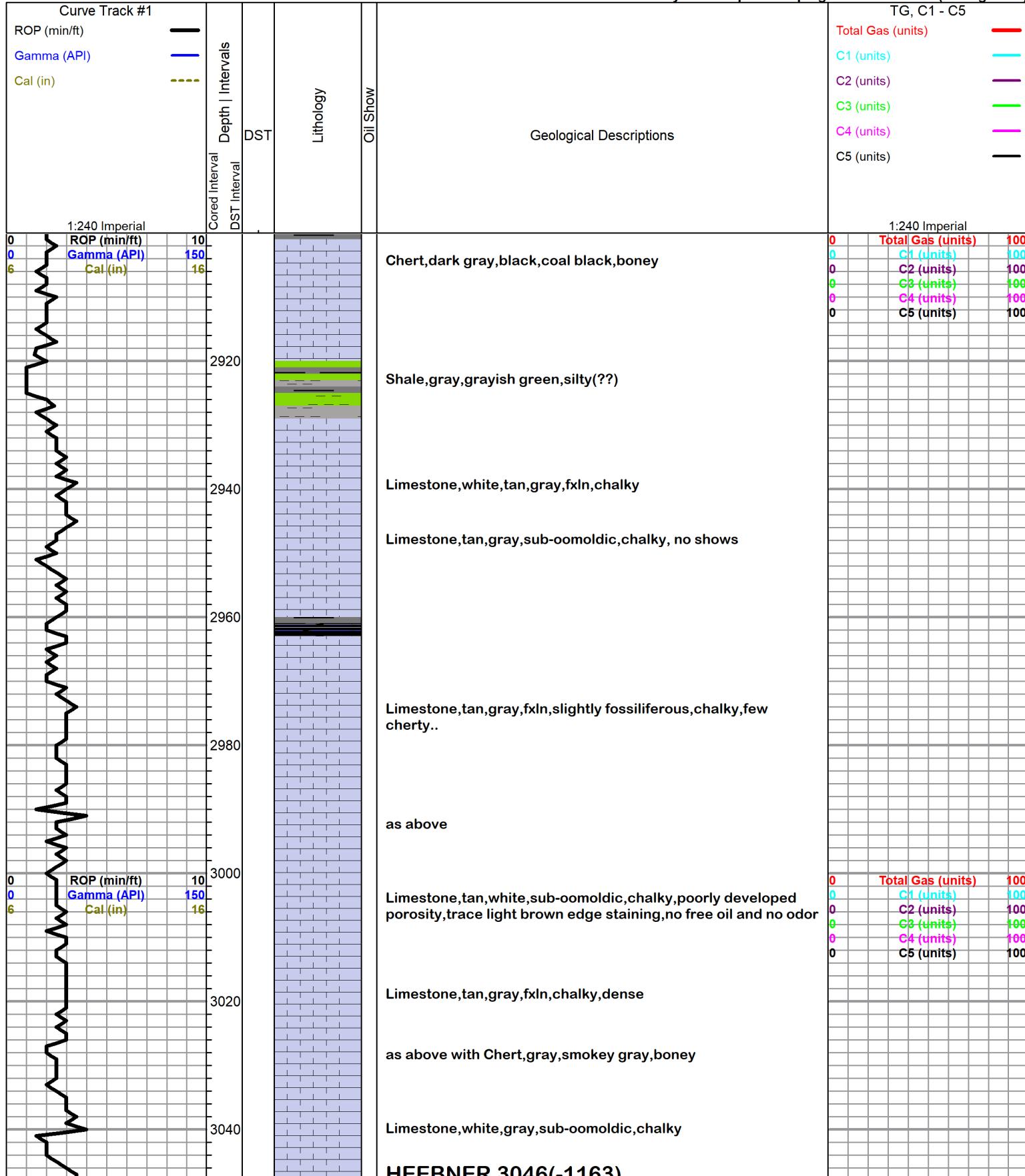
Oil Show

- 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

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)



WEEBNER 3048(-1188)

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/fossiliferos,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	ROP (min/ft)	10
0	Gamma (API)	150
6	Cal (in)	16

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

