KOLAR Document ID: 1799958

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 # 9090
Name: Charter Energy, Inc.
Address 1: PO BOX 252
Address 2:
City: GREAT BEND State: KS Zip: 67530 + 0252
Contact Person: Steve Baize
Phone: (620) 793-9090
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Josh Austin
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 #:

08/28/2024 Spud Date or Recompletion Date
09/03/2024 Date Reached TD
09/16/2024 Completion Date or Recompletion Date

API No.: 15-009-26428-00-00
Spot Description:
SW - NE - SW - SW Sec. 26 Twp. 20 S. R. 14 ☐ East ☑ West
763 Feet from ☐ North / ☑ South Line of Section
700 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: Barton
Lease Name: WILD WEST Well #: 1
Field Name:
Producing Formation: Arbuckle
Elevation: Ground: 1902 Kelly Bushing: 1912
Total Vertical Depth: 3625 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 825 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: 32000 ppm Fluid volume: 650 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Charter Energy, Inc.
Lease Name: Gates "A" License #: 9090
Quarter SW Sec. 34 Twp. 21 S. R. 13 ☐ East ☑ West
County: Stafford Permit #: D21959.0

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: 10/22/2024
☐ **Confidential Release Date:** 10/22/2026
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Kelsey Cox **Date:** 10/24/2024

Operator Name: Charter Energy, Inc. Lease Name: WILD WEST Well #: 1

Sec. 26 Twp. 20 S. R. 14 ☐ East ☑ West County: Barton

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)*	☑ Yes	☐ No
Samples Sent to Geological Survey	☑ Yes	☐ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☑ Yes	☐ No

List All E. Logs Run:

CDN
Micro
DIL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Topeka	2829	-917
Heebner	3176	-1264
Lansing	3291	-1379
Arbuckle	3528	-1616

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	825	60/40	450	4%cc 2%gel
Production	7.875	5.5	14	3623	EA-2	125	na

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: 10/21/2024	Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:	
		Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	3530	3536

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)*
4	3530	3536			

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Charter Energy, Inc.
Well Name	WILD WEST 1
Doc ID	1799958

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	825	60/40	450	4%cc 2%gel
Production	7.875	5.5	14	3623	EA-2	125	na

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. 4046

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8/29/24	26	20	14	Barton	KS		9:30

Location Radium Blacktop S to 60RD 1¼E N into

Lease Wild West Well No. 1

Owner

Contractor Southwind

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

Hole Size T.D. 825

Charge To Charter energy

Csg. 8 5/8 Depth

Street

Tbg. Size Depth

City State

Tool Depth

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. Shoe Joint 21

Cement Amount Ordered 450 60/40 4%cc 2%gel ½#Flowseal

Meas Line Displace 51.13

EQUIPMENT

Pumptrk 17 No. Cementer Helper Tim

Bulktrk 22 No. Driver Driver Doug

~~Bulktrk~~ PU No. Driver Driver Nick

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Ran pipe broke circ. pumped Cement, displaced cement did circ

Thanks!

Common	270
Poz. Mix	180
Gel.	8
Calcium	20
Hulls	
Salt	
Flowseal	225#
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	478
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	8⅝ Rubber plug

Pumptrk Charge	Long Surface
Mileage	15 (min)
Tax	
Discount	
Total Charge	

X Signature

Thanks

JOB LOG

SWIFT Services, Inc.

DATE 09/03/24 | PAGE NO. 1

CUSTOMER: Charter Energy | WELL NO.: #1 | LEASE: Wild West | JOB TYPE: Long String | TICKET NO.: 37378

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0330							On location w/ Float Equipment
								RTD - 3625'
								3623' of 5½" x 14#
								Shoe Jt - 21, 22
								Baffle Plate - 3602'
								Landing Jt - 11'
								Centralizers - 1, 3, 5, 7, 10, 13
	0415							Start Casing w/ FE
	0630							Break Circulation on Bottom
	0645	2	8			[illegible]'		Pump Rathole w/ 30 SKS
		2	5					Pump Mousehole w/ 20 SKS
	0700	4	12			300		Pump Mudflush
		4	20			300		Pump KCL spacer
		4						Start Cement, Mix at 15.5#
		4	32					Finish Cement Shut Down
								Drop Plug, Washout Pump & Lines
	0730	8						Start Displacement
		6	62			350		Catch Pressure
		6	85			900		Lift PSI
	0745	6	88			1500		Land Plug
								Release Truck, Dry
								Wash up
	0805							Rack up
	0815							Job Complete
								Thanks
								Jon, Justin & Austin

SWIFT Services, Inc.

PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 37378

CUSTOMER: Charter Energy | WELL: Wild West #1 | DATE: 09/03/24 | PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	TIME	DESCRIPTION	QTY	U/M	QTY	U/M	UNIT PRICE	AMOUNT
325		2				Standard Cement	175	sks			17 50	3062 50
284		2				Calseal	16	sks			50 00	800 00
283		2				Salt	950	lbs			0 25	237 50
292		2				Halad 322	83	lbs			9 00	747 00
276		2				Flocele	50	lbs			4 00	200 00
581		2				SERVICE CHARGE Cement	~~CUBIC FEET~~ 175	sks			2 00	350 00
						MILEAGE CHARGE / TOTAL WEIGHT 18,333 / LOADED MILES 75	TON MILES 687.49				1 00	687 49

CONTINUATION TOTAL 4084 49

SWIFT Services, Inc.

CHARGE TO: Charter Energy
ADDRESS
CITY, STATE, ZIP CODE

TICKET 37378

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. Hays, KS	#1	Wild West	Barton	KS		09/03/24	Same
2. Ness City, KS	TICKET TYPE ☑ SERVICE ☐ SALES	CONTRACTOR Southwind Drilling	RIG NAME/NO. Rig 1	SHIPPED VIA CT	DELIVERED TO Location	ORDER NO.	
3.	WELL TYPE Oil	WELL CATEGORY Development	JOB PURPOSE Long String		WELL PERMIT NO.	WELL LOCATION	
4.							
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
575		1			MILEAGE # 110	75	mi			8 00	600 00
578		1			Pump Charge - Long String	1	EA			1750 00	1750 00
290		1			D-Air	3	gal			45 00	135 00
281		1			Mud Flush	500	gal			2 50	1250 00
221		1			Liquid KCL	2	gal			25 00	50 00
402		1			Centralizer 5½"	6	EA			90 00	540 00
406		1			Latch Down Plug & Baffle 5½"	1	EA			300 00	300 00
407		1			Insert Float Shoe w/ Autofill 5½"	1	EA			400 00	400 00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

X

DATE SIGNED | TIME SIGNED ☐ A.M. ☐ P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO

☐ CUSTOMER DID NOT WISH TO RESPOND

Page 1 ~~PAGE TOTAL~~	5025 00
Page 2	6084 49
Subtotal	11,109 49
Barton TAX	579 15
TOTAL	11688 64

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR | APPROVAL

Thank You!

CHARTER ENERGY, Inc.
Wild West #1
763' FS& 700' FWL
Section 26-20s-14w
Barton County, Kansas

Contractor: Southwind Drilling Rig #1

Geologist: Joshua Austin

Commenced: 8-28-2024

Completed: 9-03-2024

Elevation: GL 1902', KB 1912'

Casing Program: Surface; 8 5/8" @ 825'
Production; 5 ½" @ 3621'

Samples: Samples saved and examined 2800' to Rotary Total Depth.

Drilling Time: Two (2) foot drilling time recorded and kept 2800' to RTD.

Measurements: All depths measured from the kelly bushing.

Formation Testing: Two drill stem tests were performed by Trilobite Testing

Electric Log: ELI (CNL/CDL, DIL, MEL)

Formation	Log	Sub-Sea
Topeka	2829	-917
Heebner	3176	-1264
Toronto	3190	-1278
Douglas	3207	-1295
Brown Lime	3280	-1368
Lansing	3291	-1379
Base KC	3502	-1590
Arbuckle	3528	-1616
Total Depth	3625	-1713

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

Toronto Section

3197-3199' Limestone; white, fine crystalline, cherty, inter crystalline -pin point porosity, brown-golden brown stain, NSFO, no odor

Douglas Section

3236-3241' Sand; grey, very fine grained, sub rounded, micaceous, silty in part, dark brown-black stain, questionable trace spotty oil, fair odor

Lansing Section

3296-3301' Limestone; cream-white, fine crystalline, cherty, inter crystalline porosity, brown stain, NSFO, good odor

3326-3340' Limestone; grey-tan, highly oolitic, fair oolicastic porosity, brown stain, trace spotty free oil, fair odor

3363-3366' Limestone; cream-tan, inter crystalline porosity, fossiliferous, brown-golden brown stain, spotty SFO, fair odor

DST #1 LKC 'A-F' 3,283-3,370'

Times: 30-45-30-45

Blow; IF: Weak
ISI: No Blow
FF: Weak
FSI: No Blow

Recovery: 90' Mud

Pressure:	**ISIP**	**719**	**psi**
	FSIP	**356**	**psi**
	IFP	**97-103**	**psi**
	FFP	**101-103**	**psi**
	HSH	**1711-1636**	**psi**

3413-3419' Limestone; cream, fine crystalline, fossiliferous, inter crystalline porosity, gold brown stain, trace spotty free oil, faint odor

3446-3450' Limestone; cream-tan, fossiliferous/oolitic, good oolicastic porosity, golden brown stain, trace spotty free oil, faint odor

Simpson Sand Section

3517'-3522' Sand; clear, sub angular sub rounded, fair inter granular porosity, brown stain, trace free oil

Arbuckle Section

3531'-3537' Dolomite; cream-tan, sucrosic, fine crystalline, fair inter crystalline -vuggy type porosity, brown stain, SFO, good odor

DST #2 Arbuckle 3,500-3,539'

Times: 30-45-30-60

Blow; IF: BOB 1.5 min.
ISI: weak blow back
FF: BOB 3 min
FSI: weak blow back

Recovery:
1000' WMCO (55%O, 30%W, 15%M)
240' GOCMW (20%G, 40%O, 25%W, 15%M)
241' OCMW (25%O, 70%W, 5%M)

Pressure:	**ISIP**	**1200**	**psi**
	FSIP	**1201**	**psi**
	IFP	**78-387**	**psi**
	FFP	**391-619**	**psi**
	HSH	**1801-1742**	**psi**

3546'-3552' Dolomite; cream-grey, fine-medium crystalline, fair inter crystalline porosity, dark brown-black stain, SFO, good odor

3572'-3576' Dolomite; cream-white, fine crystalline, sucrosic, fair inter crystalline porosity, brown stain, NSFO, fair-good odor

Rotary Total Depth 3625' (-1713)

Recommendations:
Based on the structural position, drill stem test, shows in the samples and after reviewing the electric log, it was recommended by all parties involved in the Wild West #1 to set 5 ½" casing to further test the following zones:

Arbuckle	3546-3549
Arbuckle	3532-3535

Respectfully submitted.

Joshua R. Austin
Petroleum Geologist



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc**

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

Wild West #1

26-20S14W Barton,KS

Start Date: 2024.09.01 @ 09:26:01
End Date: 2024.09.01 @ 15:04:00
Job Ticket #: 72040 DST #: 1

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

Printed: 2024.09.03 @ 14:15:46

DRILL STEM TEST REPORT

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

26-20S14W Barton,KS

Wild West #1

Job Ticket: 72040 **DST#: 1**

Test Start: 2024.09.01 @ 09:26:01

GENERAL INFORMATION:

Formation: **LKC A - F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:01:30
Time Test Ended: 15:04:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Richie Samora
Unit No: 76

Interval: 3283.00 ft (KB) To 3370.00 ft (KB) (TVD)
Total Depth: 3370.00 ft (KB) (TVD)
Hole Diameter: 7.79 inches Hole Condition: Good

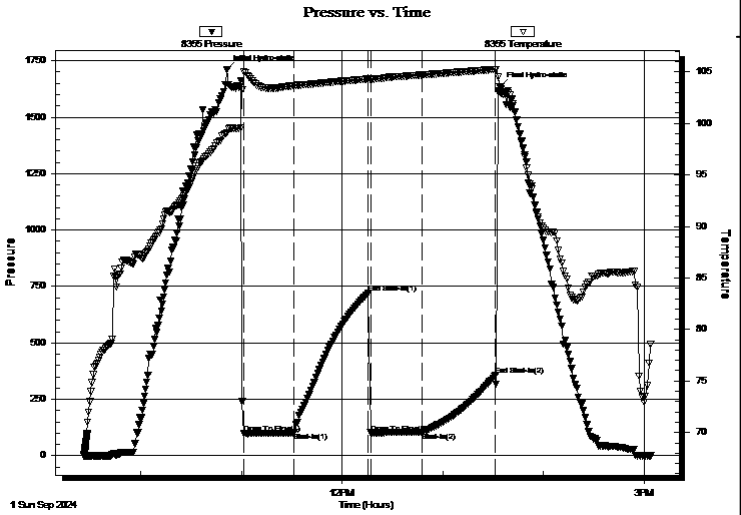
Reference Elevations: 1912.00 ft (KB)
1902.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8355 **Inside**

Press@RunDepth: 103.43 psig @ 3359.00 ft (KB)
Start Date: 2024.09.01 End Date: 2024.09.01
Start Time: 09:26:01 End Time: 15:04:00

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2024.09.01 @ 10:51:30
Time Off Btm: 2024.09.01 @ 13:34:30

TEST COMMENT: 30-IF: Fair Surface blow built to 7"
45-ISI: No Returns
30-FF: Weak surface blow built to .65"
45-FSI: No Returns



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1711.74	99.09	Initial Hydro-static
10	97.84	104.98	Open To Flow (1)
40	103.33	103.66	Shut-In(1)
84	719.15	104.31	End Shut-In(1)
86	101.31	104.23	Open To Flow (2)
116	103.43	104.70	Shut-In(2)
160	356.61	105.24	End Shut-In(2)
163	1636.75	103.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	MUD 100%M	1.26

Gas Rates

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

DRILL STEM TEST REPORT

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

26-20S14W Barton,KS

Wild West #1

Job Ticket: 72040 **DST#: 1**

Test Start: 2024.09.01 @ 09:26:01

GENERAL INFORMATION:

Formation: **LKC A - F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:01:30
Time Test Ended: 15:04:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Richie Samora
Unit No: 76

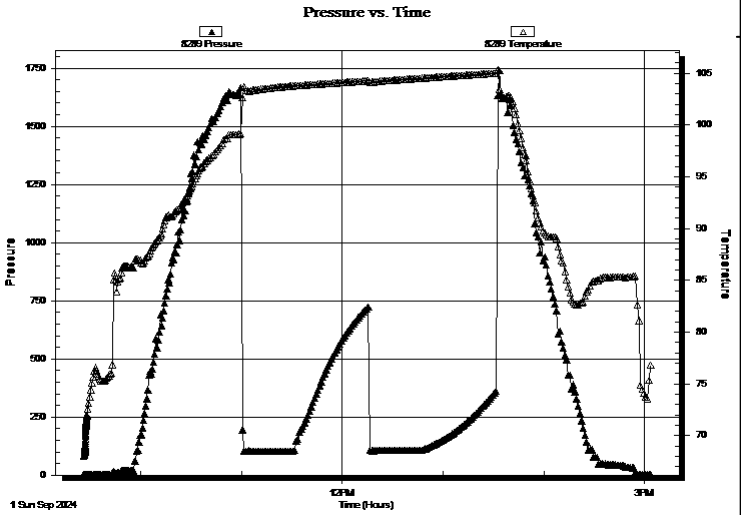
Interval: 3283.00 ft (KB) To 3370.00 ft (KB) (TVD)
Total Depth: 3370.00 ft (KB) (TVD)
Hole Diameter: 7.79 inches Hole Condition: Good

Reference Elevations: 1912.00 ft (KB)
1902.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8289 **Outside**
Press@RunDepth: psig @ 3359.00 ft (KB)
Start Date: 2024.09.01 End Date: 2024.09.01
Start Time: 09:26:01 End Time: 15:04:00

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF: Fair Surface blow built to 7"
45-ISI: No Returns
30-FF: Weak surface blow built to .65"
45-FSI: No Returns



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
90.00	MUD 100%M	1.26

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

26-20S14W Barton,KS

Wild West #1

Job Ticket: 72040 **DST#: 1**

Test Start: 2024.09.01 @ 09:26:01

Tool Information

Drill Pipe:	Length:	3268.00 ft	Diameter:	3.80 inches	Volume:	45.84 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:	25000.00 lb	
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	lb	
					Total Volume:	45.84 bbl	Tool Chased	ft	
Drill Pipe Above KB:		12.00 ft					String Weight: Initial	lb	
Depth to Top Packer:		3283.00 ft					Final	lb	
Depth to Bottom Packer:		ft							
Interval betw een Packers:		87.00 ft							
Tool Length:		114.00 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			3257.00		
Shut In Tool	5.00			3262.00		
Hydraulic tool	5.00		Fluid	3267.00		
EM	4.00			3271.00		
Safety Joint	3.00			3274.00		
Packer	5.00			3279.00	27.00	Bottom Of Top Packer
Packer	4.00			3283.00		
Stubb	1.00			3284.00		
Perforations	5.00			3289.00		
Change Over Sub	1.00			3290.00		
Drill Pipe	63.00			3353.00		
Change Over Sub	1.00			3354.00		
Recorder Carrier	5.00			3359.00		
Recorder	0.00	8355	Inside	3359.00		
Recorder	0.00	8289	Outside	3359.00		
Perforations	8.00			3367.00		
Bullnose	3.00			3370.00	87.00	Bottom Packers & Anchor
Total Tool Length:	**114.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

26-20S14W Barton,KS

Wild West #1

Job Ticket: 72040 **DST#: 1**

Test Start: 2024.09.01 @ 09:26:01

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:	5.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5100.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

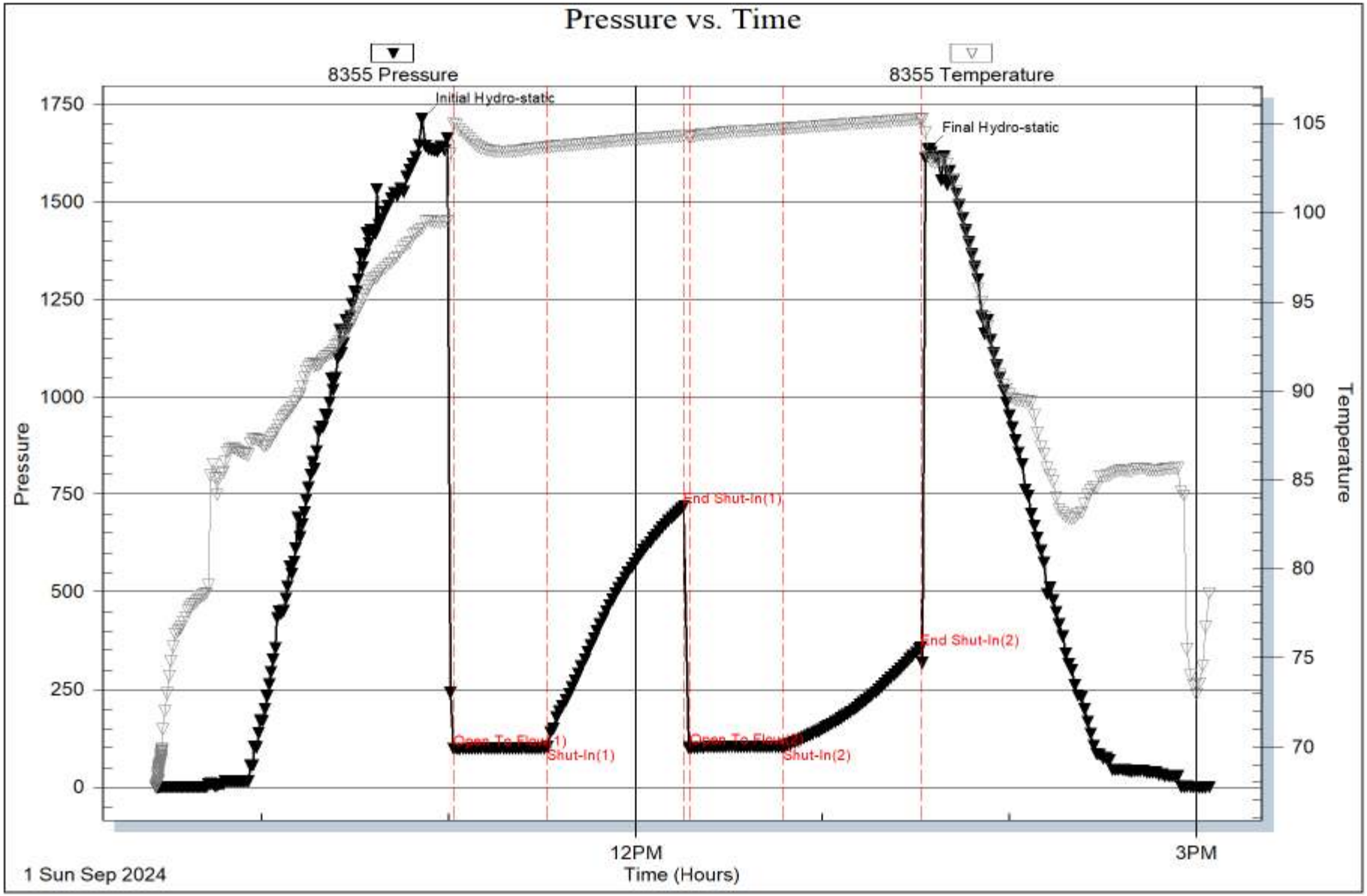
Recovery Table

Length ft	Description	Volume bbl
90.00	MUD 100%M	1.262

Total Length: 90.00 ft Total Volume: 1.262 bbl

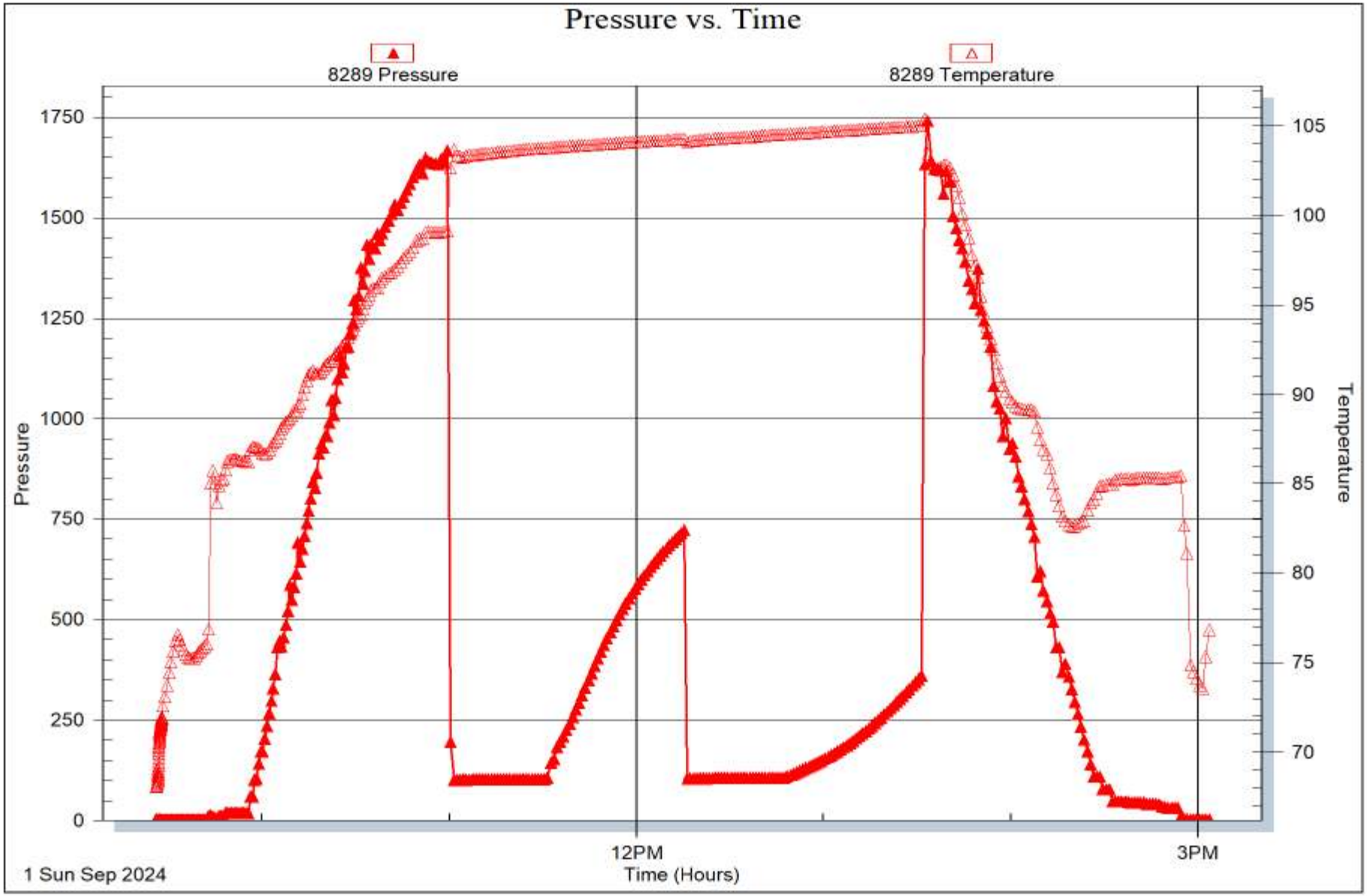
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8355 **Inside** Charter Energy Inc Wild West #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 72040 Printed: 2024.09.03 @ 14:15:47

Serial #: 8289 **Outside** Charter Energy Inc Wild West #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 72040 Printed: 2024.09.03 @ 14:15:47



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc**

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

Wild West #1

26-20S14W Barton,KS

Start Date: 2024.09.02 @ 04:00:00
End Date: 2024.09.02 @ 10:46:00
Job Ticket #: 72041 DST #: 2

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

Printed: 2024.09.03 @ 14:14:57

DRILL STEM TEST REPORT

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

26-20S14W Barton,KS

Wild West #1

Job Ticket: 72041 **DST#: 2**

Test Start: 2024.09.02 @ 04:00:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:38:30
Time Test Ended: 10:46:00

Test Type: Conventional Bottom Hole (Reset)
Tester: Richie Samora
Unit No: 76

Interval: 3500.00 ft (KB) To 3539.00 ft (KB) (TVD)
Total Depth: 3539.00 ft (KB) (TVD)
Hole Diameter: 7.79 inches Hole Condition: Good

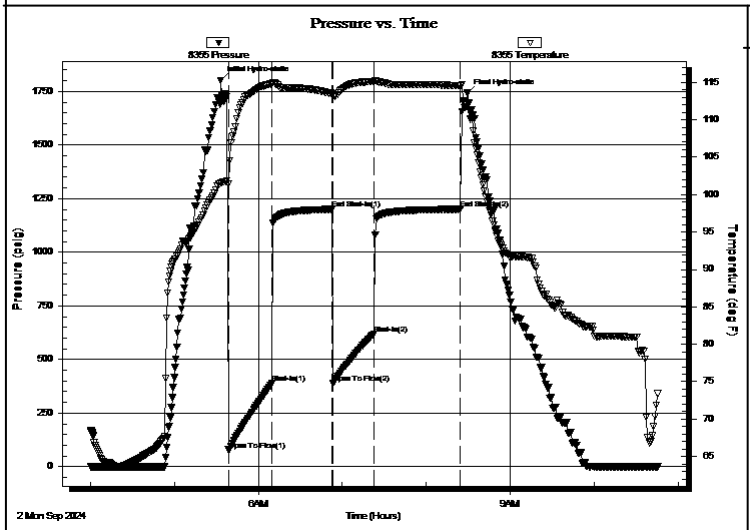
Reference Elevations: 1912.00 ft (KB)
1902.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8355 **Inside**

Press@RunDepth: 619.80 psig @ 3506.00 ft (KB)
Start Date: 2024.09.02 End Date: 2024.09.02
Start Time: 04:00:01 End Time: 10:46:00

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2024.09.02 @ 05:33:00
Time Off Btm: 2024.09.02 @ 08:29:30

TEST COMMENT: 30-IF: Strong blow BOB in 1minute 30 seconds reached 108"
45-ISI: Weak blow built to .25"
30-FF: Stronge blow BOB in 3 minutes 30 seconds reached 96"
60-FSI: Weak blow built to .25"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1801.75	101.53	Initial Hydro-static
6	78.92	101.47	Open To Flow (1)
37	387.67	114.77	Shut-In(1)
80	1200.73	113.50	End Shut-In(1)
81	391.27	113.05	Open To Flow (2)
110	619.80	115.07	Shut-In(2)
172	1201.24	114.50	End Shut-In(2)
177	1742.33	112.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
241.00	OCMW 25%O 70%W 5%M	3.38
240.00	GOCMW 20%G 40%O 25%W 15%M	3.37
1000.00	WMCO 55%O 30%W 15%M	14.03

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

26-20S14W Barton,KS

Wild West #1

Job Ticket: 72041 **DST#: 2**

Test Start: 2024.09.02 @ 04:00:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:38:30
Time Test Ended: 10:46:00

Test Type: Conventional Bottom Hole (Reset)
Tester: Richie Samora
Unit No: 76

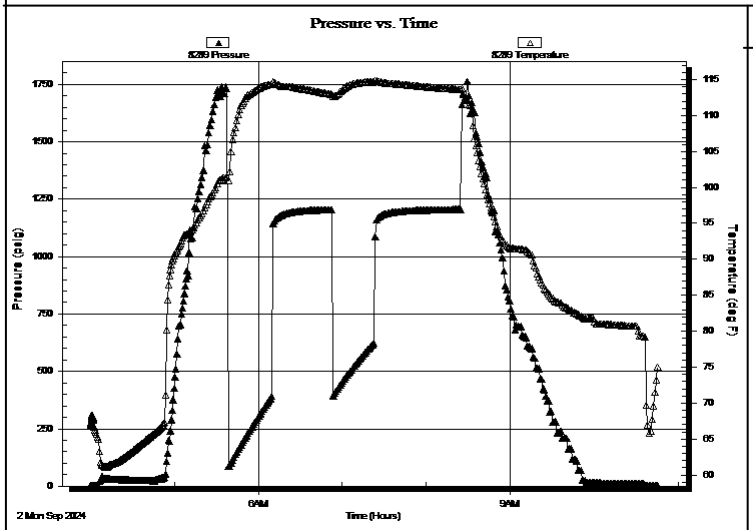
Interval: 3500.00 ft (KB) To 3539.00 ft (KB) (TVD)
Total Depth: 3539.00 ft (KB) (TVD)
Hole Diameter: 7.79 inches Hole Condition: Good

Reference Elevations: 1912.00 ft (KB)
1902.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8289 **Outside**
Press@RunDepth: psig @ 3506.00 ft (KB)
Start Date: 2024.09.02 End Date: 2024.09.02
Start Time: 04:00:01 End Time: 10:46:00

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF: Strong blow BOB in 1minute 30 seconds reached 108"
45-ISI: Weak blow built to .25"
30-FF: Stronge blow BOB in 3 minutes 30 seconds reached 96"
60-FSI: Weak blow built to .25"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
241.00	OCMW 25%O 70%W 5%M	3.38
240.00	GOCMW 20%G 40%O 25%W 15%M	3.37
1000.00	WMCO 55%O 30%W 15%M	14.03

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

26-20S14W Barton,KS

Wild West #1

Job Ticket: 72041 **DST#: 2**

Test Start: 2024.09.02 @ 04:00:00

Tool Information

Drill Pipe:	Length:	3482.00 ft	Diameter:	3.80 inches	Volume:	48.84 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:		25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:		55000.00 lb
					Total Volume:	48.84 bbl	Tool Chased		5.00 ft
Drill Pipe Above KB:		9.00 ft					String Weight:	Initial	40000.00 lb
Depth to Top Packer:		3500.00 ft						Final	47000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		39.00 ft							
Tool Length:		66.00 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			3474.00		
Shut In Tool	5.00			3479.00		
Hydraulic tool	5.00		Fluid	3484.00		
EM	4.00			3488.00		
Safety Joint	3.00			3491.00		
Packer	5.00			3496.00	27.00	Bottom Of Top Packer
Packer	4.00			3500.00		
Stubb	1.00			3501.00		
Handling Sub	5.00			3506.00		
Recorder	0.00	8355	Inside	3506.00		
Recorder	0.00	8289	Outside	3506.00		
Perforations	30.00			3536.00		
Bullnose	3.00			3539.00	39.00	Bottom Packers & Anchor
Total Tool Length:	**66.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

26-20S14W Barton,KS

Wild West #1

Job Ticket: 72041 **DST#: 2**

Test Start: 2024.09.02 @ 04:00:00

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:	11000 ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	5.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5100.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

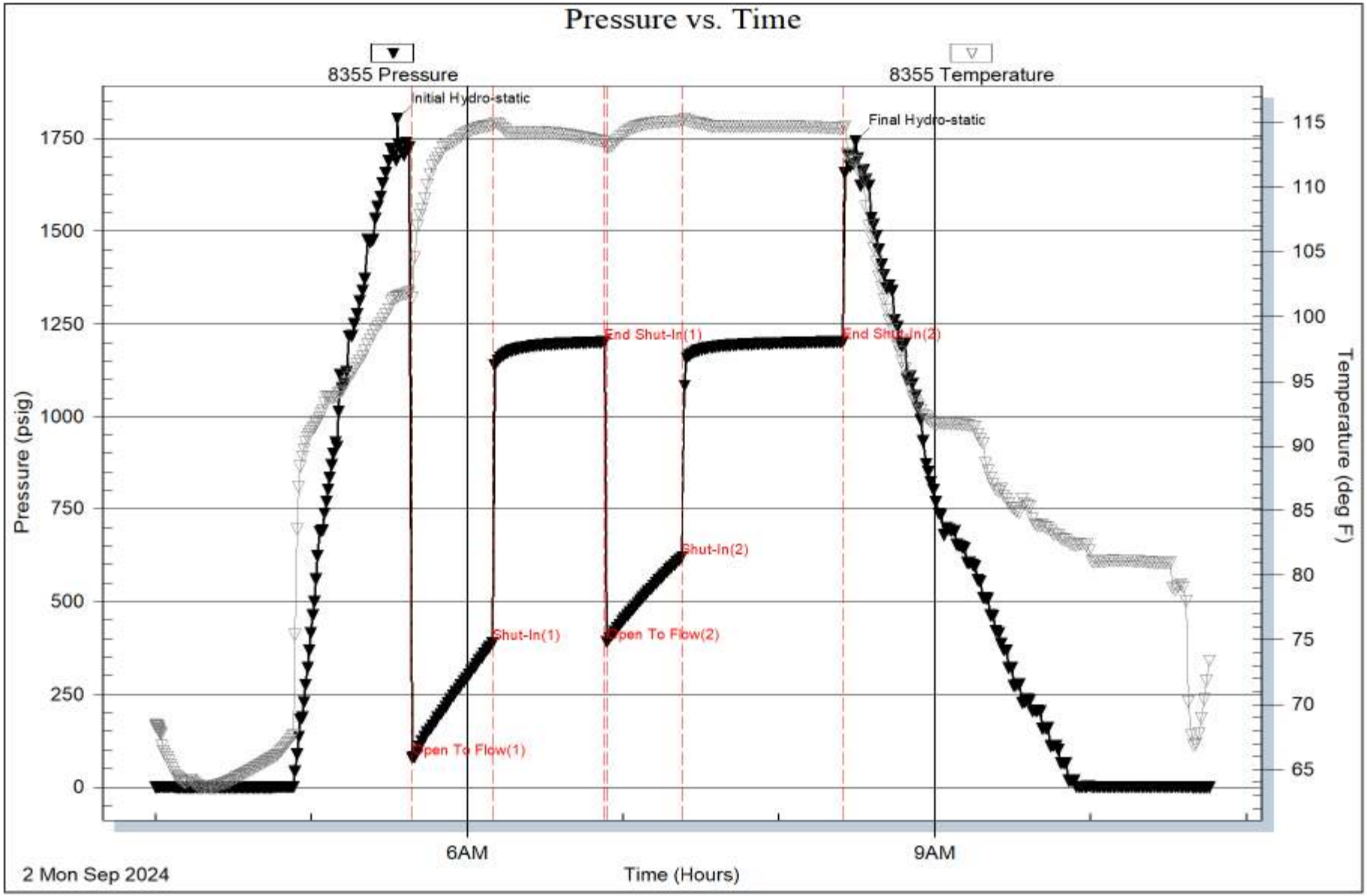
Recovery Table

Length ft	Description	Volume bbl
241.00	OCMW 25%O 70%W 5%M	3.381
240.00	GOCMW 20%G 40%O 25%W 15%M	3.367
1000.00	WMCO 55%O 30%W 15%M	14.027

Total Length: 1481.00 ft Total Volume: 20.775 bbl

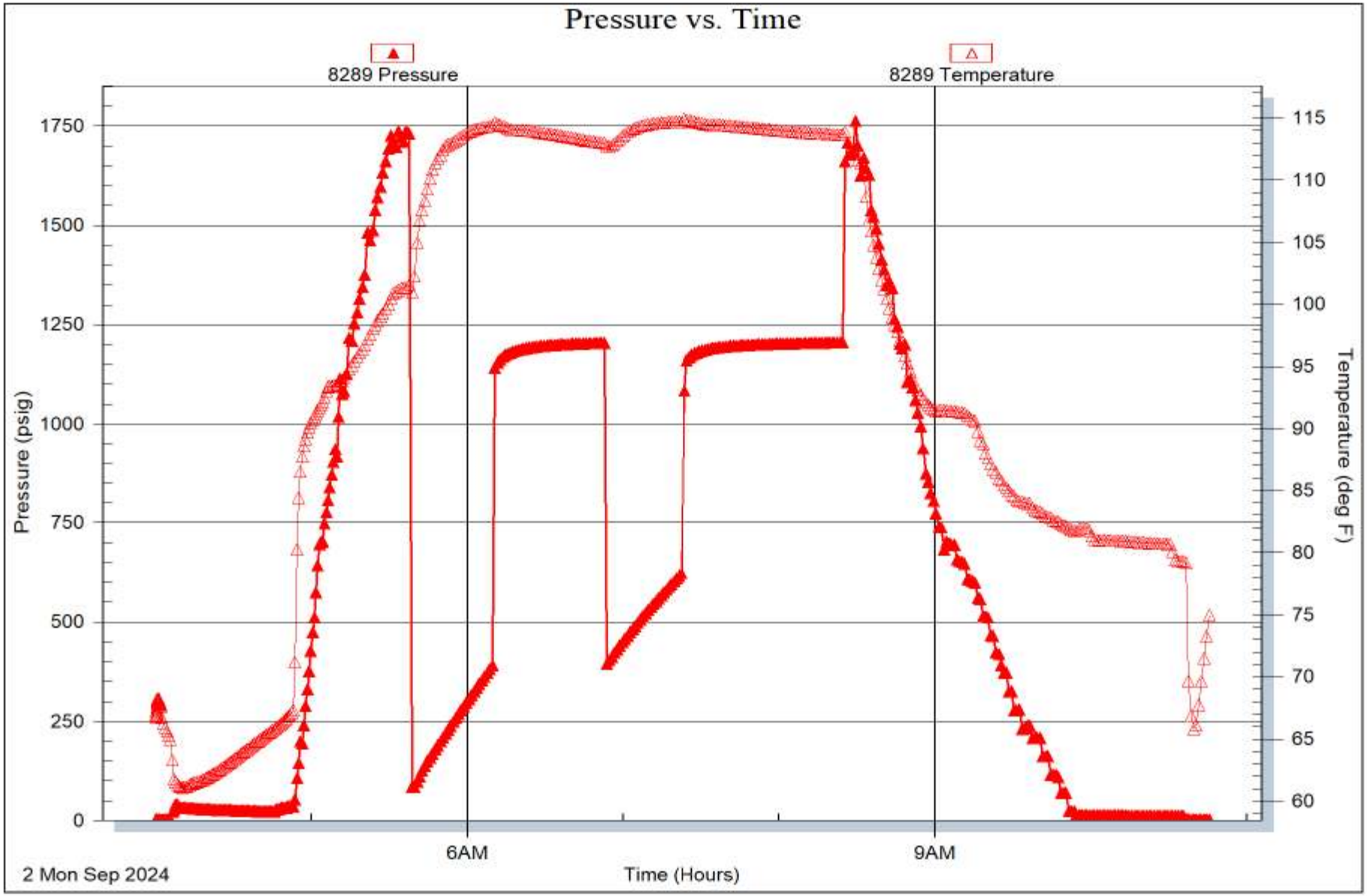
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 30' of GIP

Serial #: 8355 **Inside** Charter Energy Inc Wild West #1 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 72041 Printed: 2024.09.03 @ 14:14:57

Serial #: 8289 **Outside** Charter Energy Inc Wild West #1 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 72041 Printed: 2024.09.03 @ 14:14:57

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 72040

Well Name & No. Wild West #1 Test No. 1 Date 9-1-24

Company Charter Energy INC Elevation 1912 KB 1902 GL

Address Po Box 252 Great Bend KS 67530

Co. Rep / Geo Josh Austin Rig Southwind 1

Location: Sec. 26 Twp 20S Rge. 14W Co. Barton State KS

Interval Tested 3283-3370 Zone Tested Lansing A-F

Anchor Length 87' Drill Pipe Run 3268 Mud Wt. 9.0

Top Packer Depth 3278 Drill Collars Run 0 Vis 50

Bottom Packer Depth 3283 Wt. Pipe Run 0 WL 5.8

Total Depth 3370 Chlorides 5,100 ppm System LCM 2#

Blow Description IF: Fair blow built to 7"

1SI: No Returns

FF: Weak surface blow built to .67"

FSI: No Returns

Rec 90	Feet of MUD	%gas	%oil	%water 100	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	

Rec Total 90' BHT 105.2 Gravity N/A API RW N/A @ °F Chlorides N/A ppm

Initial Hydrostatic 1712	☒ Test 1800	☐ Ruined Shale Packer	
Initial Flow 98 to 103	☐ Jars	☐ Ruined Packer	
Initial Shut-In 719	☐ Circ Sub	☐ Hotel	
Final Flow 101 to 103	☐ Hourly Standby	☒ EM Tool Successful Partial	
Final Shut-In 357	☐ Mileage 10X2 35	☐ Accessibility -350	
Final Hydrostatic 1637	☐ Sampler	☐ Gas Sample	
T- On Location 7:50	☐ Straddle	☐ Oversized Hole	
Initial Flow 39 T-Started 9:45	☐ Shale Packer	☐ Sub Total -350	
Initial Shut-In 45 T-Open 11:00	☐ Extra Packer	☐ Total 1485	
Final Flow 39 T-Pulled 13:30	☐ Extra Recorder	☐ Tool Loaded @	
Final Shut-In 45 T-Out 15:00	☐ Day Standby	☐ MP/DST Disc't	

Comments 9:24 Bottom

Approved By Our Representative Richie Simmons

Trilobite Testing Inc. shall not be liable for damage of any kind of 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.

CamScanner

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 72041

Well Name & No. Wild West #1 Test No. 2 Date 9-2-24

Company Chaparral Energy Inc Elevation 1912 KB 1922 GL

Address PO Box 352 Great Bend KS 67530

Co. Rep / Geo Zach Arth Rig Southwind 1

Location: Sec. 26 Twp 29S Rge. 14W Co. Barton State KS

Interval Tested 3500-3539 Zone Tested Arbuckle

Anchor Length 39' Drill Pipe Run 3482 Mud Wt. 9.1

Top Packer Depth 3495 Drill Collars Run 0 Vis 56

Bottom Packer Depth 3500 Wt. Pipe Run 0 WL 5.9

Total Depth 3539 Chlorides 5,800 ppm System LCM 2#

Blow Description IF Strong blow BOB in 1minute 30seconds Reached 108"

ISI Weak blow ,25"

FF BOB in 3minutes 30seconds reached 96"

FSI weak blow ,25"

Rec 21	Feet of OCMW		%gas	25 %oil	70 %water	5 %mud
Rec 240	Feet of GWCMCO	20	%gas	40 %oil	25 %water	15 %mud
Rec 1000	Feet of WMCO	0	%gas	55 %oil	30 %water	15 %mud
Rec	Feet of		%gas	%oil	%water	%mud
Rec	Feet of		%gas	%oil	%water	%mud
Rec	Feet of		%gas	%oil	%water	%mud
Rec	Feet of		%gas	%oil	%water	%mud

Rec Total 1480 BHT 114.2 Gravity 37.880 35 API RW .53 @ 73 °F Chlorides 11,000 ppm

Initial Hydrostatic 1802

Initial Flow 79 to 388

Initial Shut-In 1201

Final Flow 391 to 620

Final Shut-In 1201

Final Hydrostatic 1742

T- On Location 423

Initial Flow 30 T-Started 445

Initial Shut-In 45 T-Open 538

Final Flow 30 T-Pulled 823

Final Shut-In 60 T-Out 10:45

Comments 400 Batts

- [X] Test 1800
- [ ] Jars
- [ ] Circ Sub
- [ ] Hourly Standby
- [X] Mileage PX2 35
- [ ] Sampler
- [ ] Straddle
- [ ] Shale Packer
- [ ] Extra Packer
- [ ] Extra Recorder
- [ ] Day Standby

- [ ] Ruined Shale Packer
- [X] Ruined Packer 625
- [X] Hotel
- [X] EM Tool Successful Great
- [ ] Accessibility
- [ ] Gas Sample
- [ ] Oversized Hole
- [ ] Sub Total 625
- [ ] Total 2460
- [ ] Tool Loaded 9/2 @ 11:45
- [ ] MP/DST Disc't

Our Representative Ronnie Solomon

Approved By

Trilobite Testing Inc. shall not be liable for damage of any kind of 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. damaged in the hole shall be paid for at cost by the party for whom the test is made.

CamScanner