#### **CORRECTION #1**

KOLAR Document ID: 1372493

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 #	API No.:
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City:	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
— Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:  Dual Completion Permit #:	Dewatering method used:
Dual Completion Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of hulu disposal if flauled offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	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:					

CORRECTION #1

KOLAR Document ID: 1372493

Operator Name:					Lease Na	ame: _			Well #:	
Sec Tw	pS.	R	East	West	County: _					
	l, flowing and	shut-in pressu	res, whe	ther shut-in pr	essure reache	ed stati	c level, hydrosta	tic pressures, bo		val tested, time tool erature, fluid recovery,
Final Radioactivi files must be sub		-					gs must be ema	iled to kcc-well-	ogs@kcc.ks.gov	. Digital electronic log
Drill Stem Tests (Attach Addit	Taken tional Sheets)		Y	es No				on (Top), Depth a		Sample
Samples Sent to	Geological S	urvey	Y	es 🗌 No		Nam	9		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs R	t / Mud Logs		☐ Y	es No						
			Repo		RECORD	Ne	w Used	on, etc.		
Purpose of St	tring	Size Hole		ze Casing	Weight		Setting	Type of	# Sacks	Type and Percent
		Drilled	Se	t (In O.D.)	Lbs. / F	t.	Depth	Cement	Used	Additives
	'			ADDITIONAL	L CEMENTING	S/SQL	EEZE RECORD	'		
Purpose:	_	Depth	Туре	of Cement	# Sacks U	sed		Type and	Percent Additives	
Perforate		op Bottom				,				
Protect Ca	TD									
Plug Off Z	one									
<ol> <li>Did you perform</li> <li>Does the volume</li> <li>Was the hydraul</li> </ol>	e of the total ba	se fluid of the hy	draulic fra	acturing treatmer		•	Yes ns? Yes Yes	No (If No, s	kip questions 2 an kip question 3) Ill out Page Three (	
Date of first Produ	ction/Injection o	or Resumed Prod	duction/	Producing Met	:hod:					
Injection:				Flowing	Pumping		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours		Oil B	bls.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio	Gravity
DISPO	OSITION OF GA	AS:			METHOD OF C	OMPLE	TION:			N INTERVAL:
Vented	Sold Us	sed on Lease		Open Hole	Perf.	_ ,		nmingled mit ACO-4)	Тор	Bottom
(If vente	ed, Submit ACO-	18.)				(Submit	A00-0) (3ub	IIII ACO-4)		
Shots Per Foot	Perforation Top	Perforati Botton		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze and of Material Used)	Record
TUDINO BESSE	D: 0'		0		DI. At					
TUBING RECOR	D: Size	): :	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	C G Oil, Inc.
Well Name	WALKER 2
Doc ID	1372493

#### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.250	8.625	23	1042	60/40poz	380	4%cc2%g el
Production	7.875	5.500	15.5	3515	Q Pro C		10% salt 5% gilsonite

#### **Summary of Changes**

Lease Name and Number: WALKER 2
API/Permit #: 15-051-26881-00-00

Doc ID: 1372493

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved Date	10/16/2017	11/06/2017
Date of First or Resumed Production or		7/28/2017
SWD or Enhr Method Of Completion - Perf	No	Yes
Perf_acid1		none
Perf_bridgeplug1depth		3200
Perf_bridgeplug1type		retreivable
Perf_perf1bottom		3161
Perf_perf1top		3159
Perf_shots1		2
Producing Method Pumping	No	Yes

#### Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Production Interval #1		3159
Production Interval #3		3369

Confidentiality Requested:

Kansas Corporation Commission Oil & Gas Conservation Division 1369579

Form ACO-1 November 2016 Form must be Typed Form must be Signed All blanks must be Filled

## CONFIDENTIAL

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

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ Gas ☐ DH ☐ EOR	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content:ppm Fluid volume:bbls
Commingled Permit #:	Dewatering method used:
□ Dual Completion Permit #:	Location of fluid diagonal if hould deficite.
EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date  Recompletion Date  Recompletion Date	Countv: 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 III Approved by: Date:

# 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. 181

Sec.	Twp. Range	111111111111111111111111111111111111111	County	State	On Location	Finish
Date 6-6-17 34	13 16	Ell	5	5	District Control of the Control of t	12:10 Hm
The latest additionally at School Berman	that years one at the	Location	on Wolk	2-314 N	W/SI eleucitores	obbu yan di erend
Lease Walkes	Well No. 2	TAX BARD R	Owner	DO STATE OF THE ST	secol richardun ed li	ida inganine alika
Contractor Southwind	the By RACHARITON N	aigs AS		well Cementing, Inc.	cementing equipment	and furnish
Type Job Long 54 Cno	ner belian one engine	L sissiffund	cementer and	helper to assist own	ner or contractor to do	work as listed.
Hole Size 77/41	T.D. 3520'	Hirle od	Charge C	+G 01	on the temp of the C	cyllownes and gor
Csg. 55" New 15.50	Depth 35151	and the	Street	Liver of the latest and the liver	SCALMANDAR DIT	en mas Balmoose
Tbg. Size	Depth	not≥ ,igi	City	Alexander of the second	State	Relation and the same and
Tool	Depth	T.LAND	The above was	done to satisfaction a	nd supervision of owner	agent or contractor.
Cement Left in Csg.	Shoe Joint	of Jag-	Cement Amo	unt Ordered 80	QProc 100	6 Salt 5%
Meas Line	Displace 82 3/4	BL5	Gilsonite	500 a	al mud Clear	48
EQUIPM	MENT	1_1-	Common	Part of the second	RUS (at High ben hi	General Control (Sec. 15)
	aus		Poz. Mix		M. A. S. CHARLON	
Bulktrk 3 No. Driver Driver			Gel.	adocul isseries		
Bulktrk D. W. Driver Driver	And Set Marin Days of h		Calcium		The Forter of the	
JOB SERVICES	& REMARKS	and the	Hulls	LIAGE LICIONES - a		CHESTOR AL MORAL AN
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Rat Hole	To the space of the space of the space of	STATE OF STATE	Flowseal	inedu lessouriest	A STATE OF THE PARTY OF T	The state of the s
Mouse Hole	Islam, one equipa yet for	Busydan	Kol-Seal	dib aggregation milities	dipod solidovina y so-	the armating
Centralizers 13.5.6	9,10	and Profes	Mud CLR 48	oremshare the second	and the second distance of the second distanc	1008 100 27
Baskets nice on bottom	break Circulati	on Hall	CFL-117 or C	D110 CAF 38	TELALICE WAS TOUGHT	Res Taller to Air an
D/V or Port Collar 0000 500	s agal mind Clear 4	8	Sand			COLUMN TO A STATE OF THE STATE
Dina Rothalo ad 305	Contract to 5	3"	Handling			uring of Little
Caline + mix 150	55% Convent 5h	<u>.</u> +	Mileage			TOTAL DAR NEW AND A STATE OF
down was Disas	5 3 5 3	\oued	47	FLOAT EQUIPM	ENT	
Dlug wil BLS	Released + la	3	Guide Shoe	4703300		
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Lift pressure	750 H	ell of big	Baskets	Salati des qualtan	nistincianivina bise da	
			AFU Inserts			THAT TO CONTENT
Land plug to	1500 H	3.00	Float Shoe	9 9 2 74		
		3-5-5	Latch Down	OF THE SELL RESIDERATION		
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		7,313	Mileage	TIENT IN SECULATION		
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	1-1	0 (0 00	On Mark (CR	thet to roller and	Discount	Southern the transport
Signature Verry W.	Pelone		41 19 /		Total Charge	

# 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

vo. 247

Finish On Location State Twp. County Range Sec. Location / Well No. Owner Lease To Quality Oilwell Cementing, Inc. Contractor « 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 Charge Hole Size Street State Depth City Tbg. Size The above was done to satisfaction and supervision of owner agent or contractor. Depth Tool Cement Amount Ordered Shoe Joint Cement Left in Csg. Displace Meas Line EQUIPMENT Common No. Cementer Poz. Mix Pumptrk Helper Driver Gel. Bulktrk Driver Driver Calcium Bulktrk Driver \_\_\_\_ JOB SERVICES & REMARKS Hulls Salt Remarks: Rat Hole Flowseal Kol-Seal Mouse Hole Mud CLR 48 Centralizers CFL-117 or CD110 CAF 38 Baskets D/V or Port Collar Sand Handling Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount X Signature Total Charge



CGOil, Inc.

34-13S-16W Ellis, KS

PO Box 207

Victoria, KS 67671

ATTN: Roger Fisher

Walker #2

Job Ticket: 63251

DST#: 1

Test Start: 2017.06.05 @ 21:50:26

## **GENERAL INFORMATION:**

Formation:

Toronto- LKC "C"

Deviated:

No

Whipstock:

ft (KB)

Time Tool Opened: 01:33:26 Time Test Ended: 05:08:46

Interval:

3137.00 ft (KB) To 3219.00 ft (KB) (TVD)

Total Depth:

3219.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester:

Brannan Lonsdale

Unit No:

65

Reference Elevations:

1951.00 ft (KB)

1943.00 ft (CF)

KB to GR/CF:

8.00 ft

Serial #: 8646

Press@RunDepth:

Outside

51.24 psig @

3138.00 ft (KB)

End Date:

2017.06.06

Capacity: Last Calib .: 8000.00 psig

2017.06.06

Start Time:

Start Date:

21:50:27

2017.06.05

End Time:

05:08:46

Time On Btm:

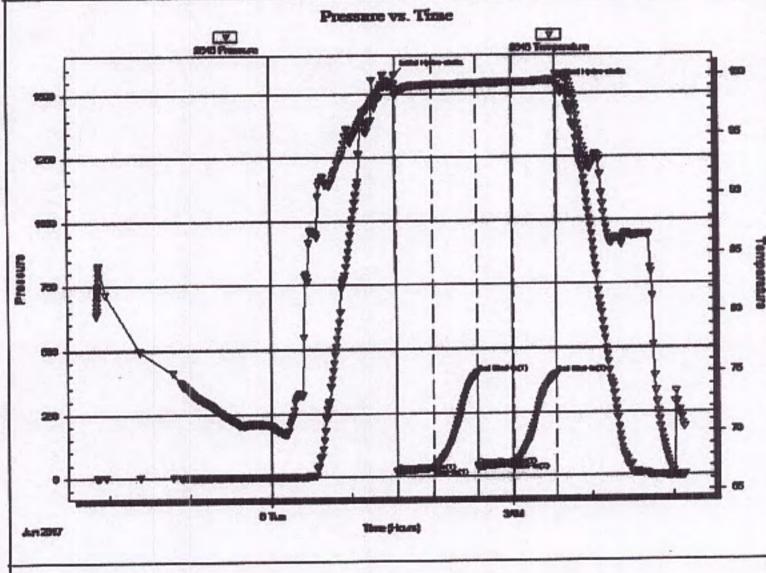
2017.06.06 @ 01:33:16

Time Off Btm:

2017.06.06 @ 03:34:05

TEST COMMENT: 30- IF- BOB 21 mins

30- ISI- No blow 30- FF- BOB 15 mins 30- FSI- No blow



		PF	RESSUR	E SUMMARY	
T	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
	0	1573.46	99.15	Initial Hydro-static	
	- 1	17.28	98.23	Open To Flow (1)	
	28	33.89	99.18	Shut-In(1)	
	61	402.28	99.30	End Shut-In(1)	
1	62	37.09	99.24	Open To Flow (2)	
	88	51.24	99.39	Shut-In(2)	
5	120	396.85	99.54	End Shut-In(2)	
	121	1534.26	100.00	Final Hydro-static	
				(iv.	

#### Recovery

Description	Volume (bbl)
SOCM, 5%O 95%M	1.13

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 63251



CGOil, Inc.

PO Box 207 Victoria, KS 67671

ATTN: Roger Fisher

34-13S-16W Ellis, KS

Walker #2

Job Ticket: 63251

DST#: 1

Test Start: 2017.06.05 @ 21:50:26

#### **GENERAL INFORMATION:**

Time Test Ended: 05:08:46

Interval:

Total Depth:

Hole Diameter:

Formation: Toronto- LKC "C"

Deviated: No Whipstock:

Time Tool Opened: 01:33:26

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Brannan Lonsdale

Unit No:

65

Reference Elevations: 1951.00 ft (KB)

1943.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8653

Press@RunDepth:

Inside

psig @

3137.00 ft (KB) To 3219.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

3138.00 ft (KB)

End Date:

2017.06.06

Capacity:

8000.00 psig

Last Calib .:

Time On Btm:

2017.06.06

Start Time:

Start Date:

21:50:24

2017.06.05

3219.00 ft (KB) (TVD)

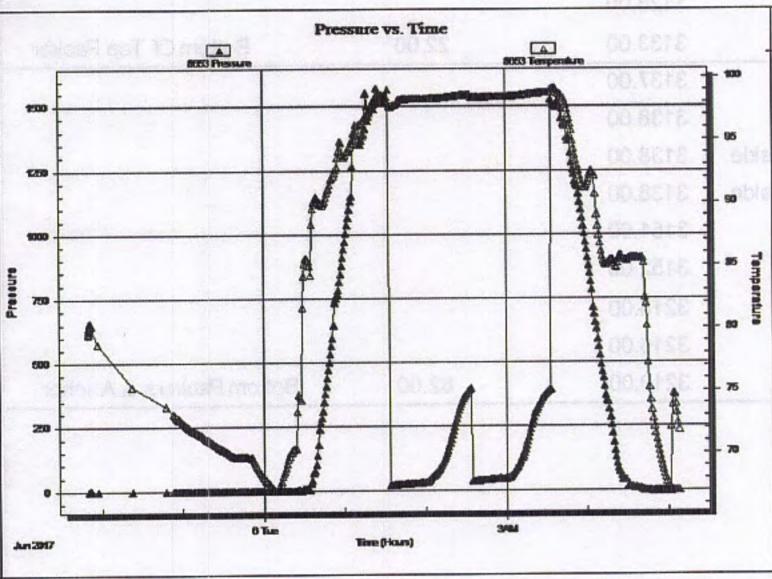
End Time:

05:08:43

Time Off Btm:

TEST COMMENT: 30- IF- BOB 21 mins

30- ISI- No blow 30- FF- BOB 15 mins 30- FSI- No blow



P	RESSU	₹E	SUMMARY
	-	1	

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
	" "	COL	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
M E	36	0.00	THE ROOM OF THE RO
tud la		60.0	manipula 1
		13-00	ences to haft.
		00.1	dub ravo mareco
		00.69	207.800
		00.t	Coarrage Favor Sugar
		to £	- entire
	41	.851	Rotal Tool Length

#### Recovery

Length (ft)	Description	Volume (bbl)
80.00	SOCM, 5%O 95%M	1.13

#### Gas Rates

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

Trilobite Testing, Inc

Ref. No: 63251



**TOOL DIAGRAM** 

CGOil, Inc.

34-13S-16W Ellis, KS

PO Box 207

Victoria, KS 67671

Walker #2

Job Ticket: 63251

DST#: 1

ATTN: Roger Fisher

Test Start: 2017.06.05 @ 21:50:26

Tool Information

Length: Drill Pipe:

3145.00 ft Diameter:

44.58 bbl 3.82 inches Volume:

Tool Weight:

2000.00 lb

Heavy Wt. Pipe:

Length:

ft Diameter:

Diameter:

- bbl inches Volume:

Weight set on Packer: 25000.00 lb

Drill Collar:

Length:

0.00 ft Diameter:

0.00 bbl 2.25 inches Volume:

Weight to Pull Loose: 40000.00 lb

Drill Pipe Above KB:

30.00 ft

- bbl Total Volume:

Tool Chased

0.00 ft

Depth to Top Packer: Depth to Bottom Packer: 3137.00 ft ft String Weight: Initial

36000.00 lb 38000.00 lb Final

Interval between Packers: Tool Length:

82.00 ft

104.00 ft 2

6.75 inches

Tool Comments:

Number of Packers:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3116.00		
Shut In Tool	5.00			3121.00		
Hydraulic tool	5.00			3126.00		
Safety Joint	2.00			3128.00	10 Example 18	D Of Ten Pooker
Packer	5.00			3133.00	22.00	Bottom Of Top Packer
Packer	4.00			3137.00		
Stubb	1.00			3138.00		
Recorder	0.00	8653	Inside	3138.00		
Recorder	0.00	8646	Outside	3138.00		
Perforations	13.00			3151.00		
Change Over Sub	1.00			3152.00		
Drill Pipe	63.00			3215.00		
Change Over Sub	1.00			3216.00		- u Destera 9 Anchor
Bullnose	3.00			3219.00	82.00	Bottom Packers & Anchor

**Total Tool Length:** 

104.00



**FLUID SUMMARY** 

CGOil, Inc.

34-13S-16W Ellis, KS

PO Box 207

Walker #2

ft

bbl

psig

Victoria, KS 67671

Job Ticket: 63251

DST#: 1

ATTN: Roger Fisher

Test Start: 2017.06.05 @ 21:50:26

**Mud and Cushion Information** 

Mud Type:

Gel Chem

Mud Weight:

Viscosity:

Water Loss: Resistivity:

Salinity: Filter Cake: 9.00 lb/gal

61.00 sec/qt 6.39 in<sup>3</sup> ohm.m

5000.00 ppm inches Cushion Type:

Cushion Length: Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

28 deg API

ppm

**Recovery Information** 

Recovery Table

Volume Description Length bbl ft 1.134 SOCM, 5%O 95%M 80.00

Total Length:

80.00 ft

Total Volume:

1.134 bbl

Num Fluid Samples: 0

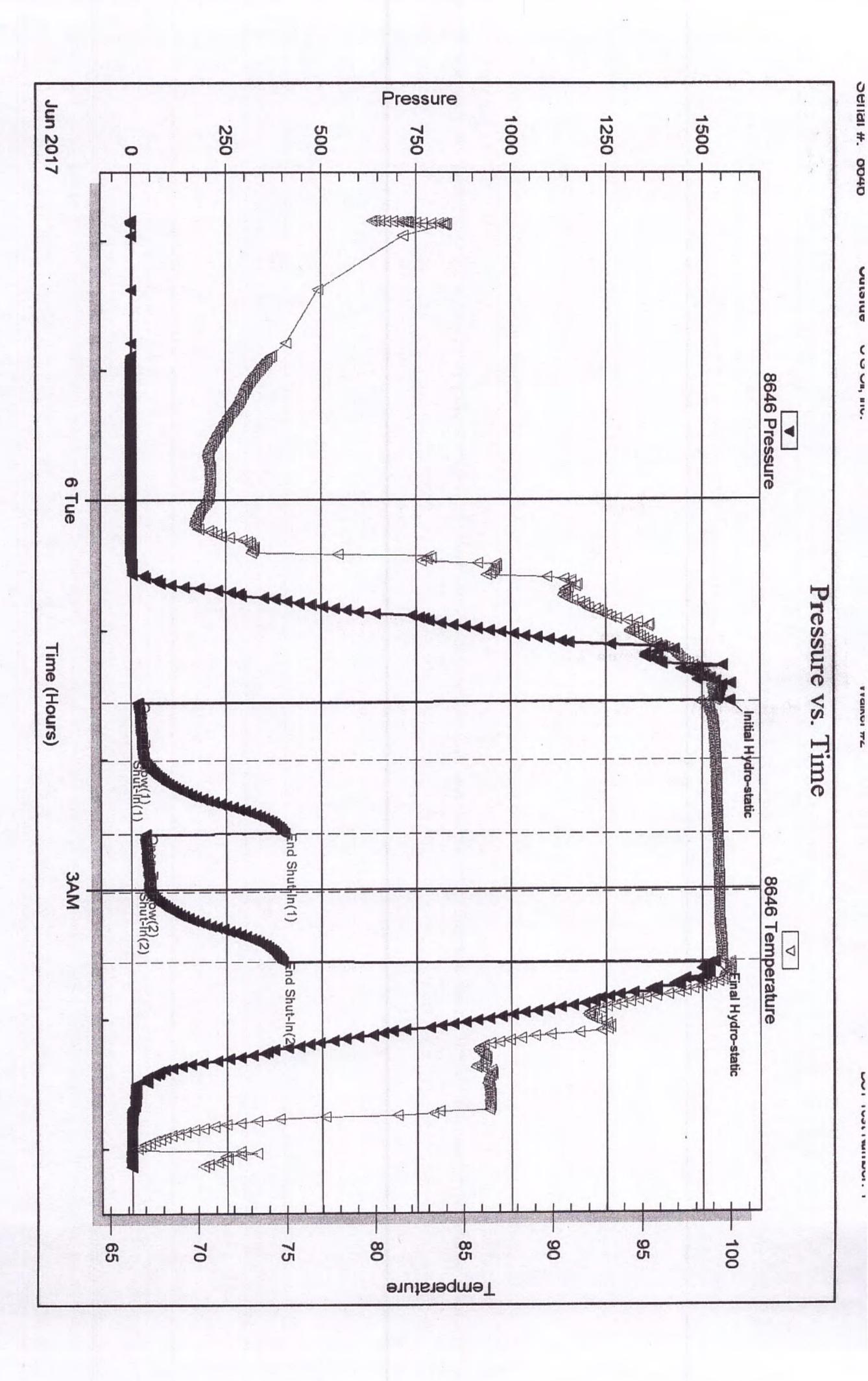
Laboratory Name:

Num Gas Bombs: Laboratory Location: Serial #:

Recovery Comments:

Trilobite Testing, Inc

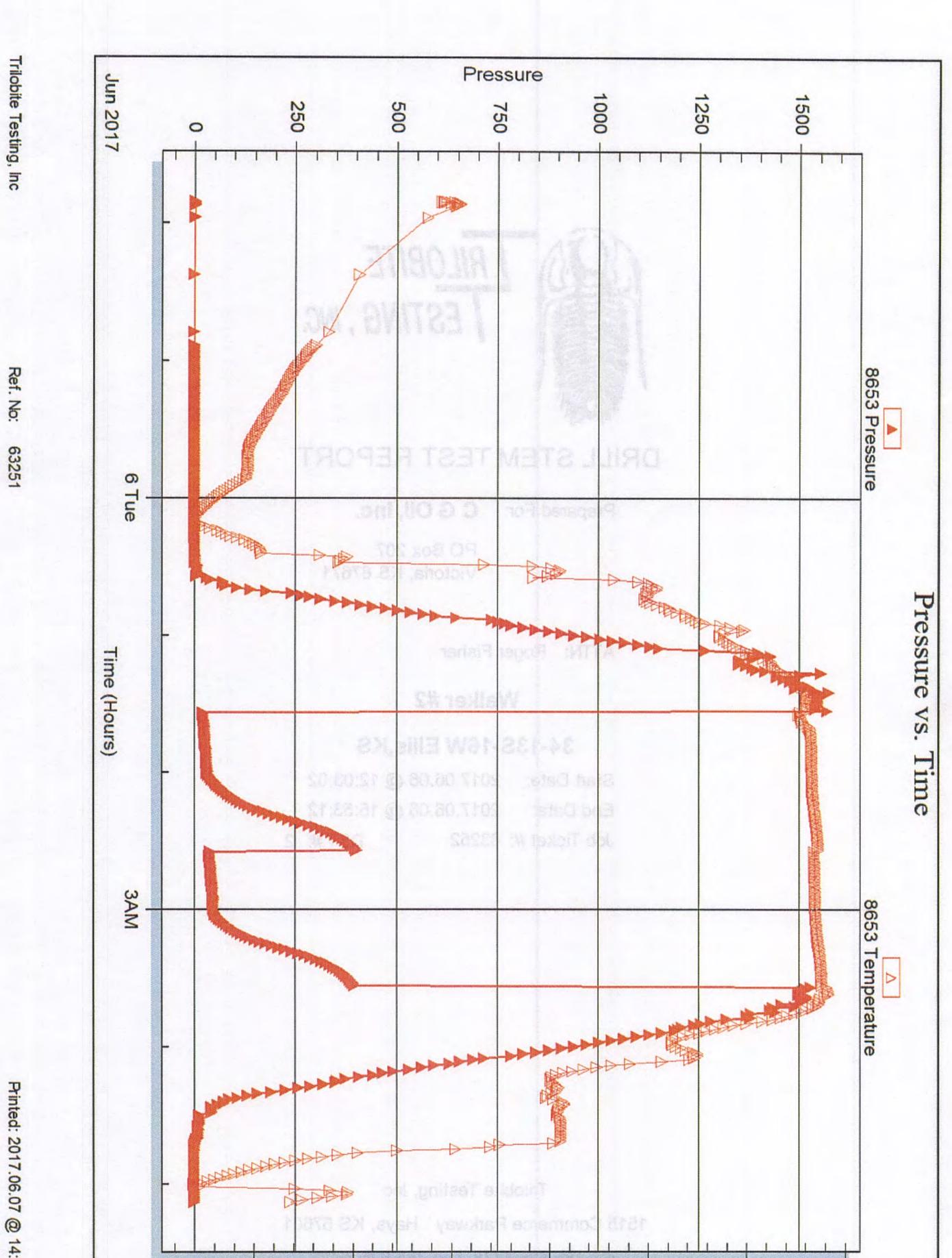
Ref. No: 63251



Trilobite Testing, Inc

Ref. No:

63251



80

85

Temperature

90

95

100

Serial #: 8653

Inside

CGOII, Inc.

Walker #2

DST Test Number: 1

70

75



CGOil, Inc.

PO Box 207 Victoria, KS 67671

ATTN: Roger Fisher

34-13S-16W Ellis, KS

Walker #2

Job Ticket: 63252

DST#: 2

Test Start: 2017.06.06 @ 12:03:02

#### GENERAL INFORMATION:

Formation:

LKC E-F

Deviated: No Whipstock:

ft (KB)

Time Tool Opened: 13:41:22 Time Test Ended: 15:53:12

Interval: 3246.00 ft (KB) To 3274.00 ft (KB) (TVD)

Total Depth: 3274.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type:

Conventional Bottom Hole (Reset)

Tester:

Brannan Lonsdale

Unit No: 65

Reference Elevations: 1951.00 ft (KB)

1943.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8646

Outside

Press@RunDepth: 17.38 psig @ 3247.00 ft (KB)

End Date:

2017.06.06 Last Calib .:

Capacity:

8000.00 psig

Start Date: Start Time:

2017.06.06

12:03:03

End Time:

15:53:12

Time On Btm:

2017.06.06

2017.06.06 @ 13:41:12

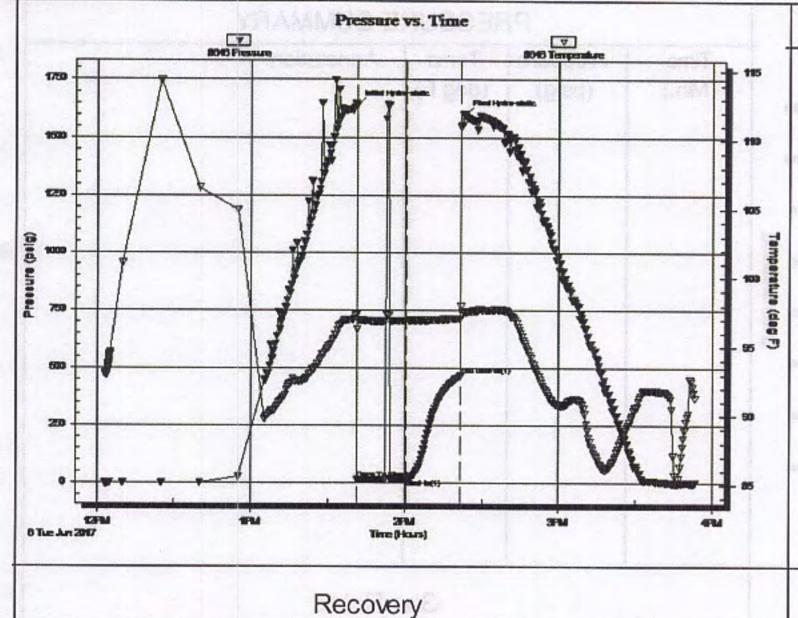
DDECCLIDE CLIMMADY

Time Off Btm:

2017.06.06 @ 14:23:02

TEST COMMENT: 20- IF- Weak surface blow died in 2 mins Flushed tool No blow

20- ISI- No blow Pulled tool



Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1638.18	97.36	Initial Hydro-static
1	14.18	96.27	Open To Flow (1)
20	17.38	96.94	Shut-In(1)
41	466.92	97.09	End Shut-In(1)
42	1599.74	97.53	Final Hydro-static
11-6-		Wh.	
· [] []			
		1	
100		716	

## Length (ft) Description Volume (bbl) 3.00 **OSM Mud 100%** 0.04

Gas Rates

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

Trilobite Testing, Inc.

\* Recovery from multiple tests

Ref. No: 63252



CGOil, Inc.

34-13S-16W Ellis, KS

PO Box 207

Victoria, KS 67671

Job Ticket: 63252

Walker #2

DST#: 2

ATTN: Roger Fisher

Test Start: 2017.06.06 @ 12:03:02

### GENERAL INFORMATION:

Formation:

LKC E-F

Deviated:

No

Whipstock:

ft (KB)

Time Tool Opened: 13:41:22 Time Test Ended: 15:53:12

3246.00 ft (KB) To 3274.00 ft (KB) (TVD)

Total Depth:

Interval:

3274.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

Test Type:

Conventional Bottom Hole (Reset)

Tester:

Brannan Lonsdale

65

Unit No:

Reference Elevations:

1951.00 ft (KB)

1943.00 ft (CF)

KB to GR/CF:

8.00 ft

Serial #: 8653

Press@RunDepth:

Inside

psig @

12:03:02

3247.00 ft (KB)

2017.06.06

Capacity:

Last Calib .:

2017.06.06

8000.00 psig

Start Date:

Start Time:

2017.06.06

End Date: End Time:

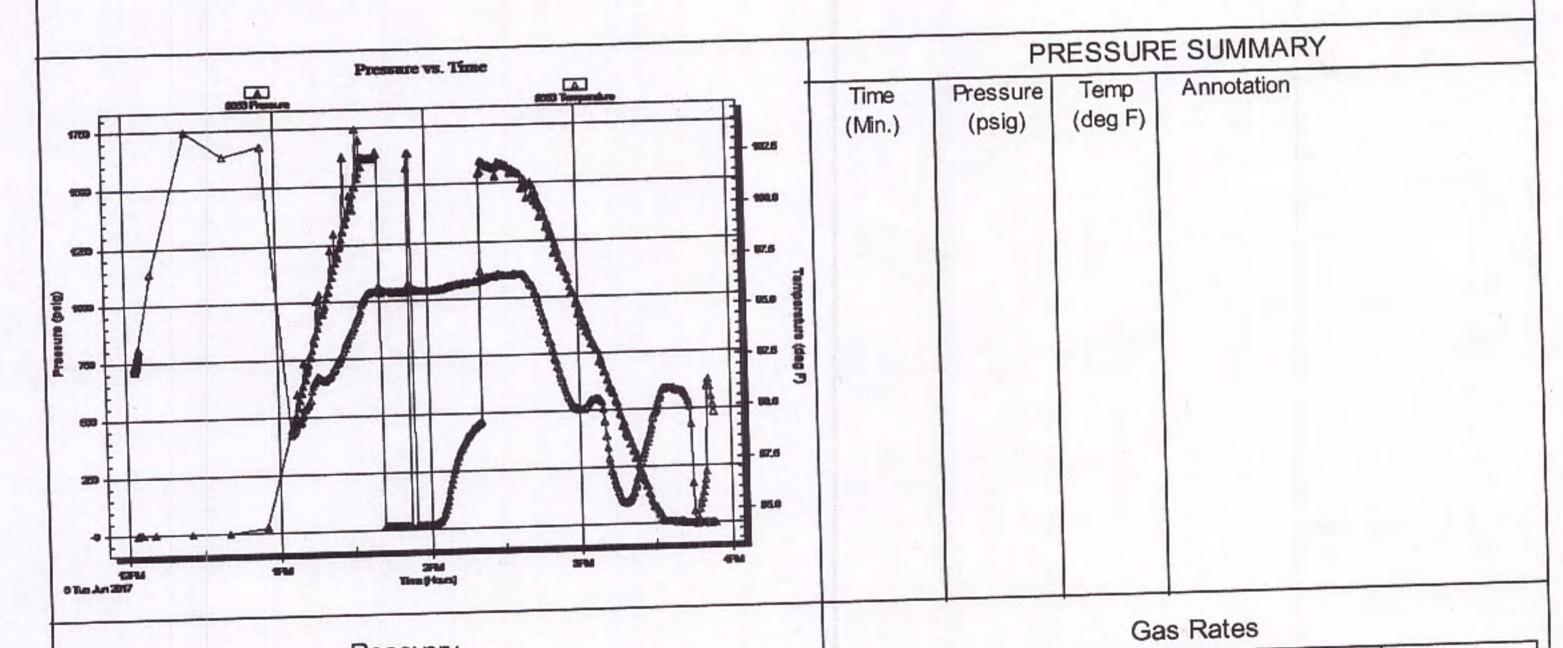
15:53:11

Time On Btm:

Time Off Btm:

TEST COMMENT: 20- IF- Weak surface blow died in 2 mins Flushed tool No blow

20- ISI- No blow Pulled tool



## Recovery Volume (bbl) Description Length (ft) 0.04 **OSM Mud 100%** 3.00 \* Recovery from multiple tests

Ref. No: 63252

Printed: 2017.06.07 @ 14:22:40

Pressure (psig)

Choke (inches)

Gas Rate (Mcf/d)

Trilobite Testing, Inc



**TOOL DIAGRAM** 

CG Oil, Inc.

PO Box 207 Victoria, KS 67671

ATTN: Roger Fisher

34-13S-16W Ellis, KS

Walker #2

Job Ticket: 63252

DST#: 2

Test Start: 2017.06.06 @ 12:03:02

Tool Information

Drill Pipe: Heavy Wt. Pipe:

Drill Collar:

Length: 3238.00 ft Diameter: Length:

Length:

ft 0.00 ft Diameter:

ft

14.00 ft

Diameter:

3.82 inches Volume: inches Volume: 2.25 inches Volume:

- bbl 0.00 bbl Total Volume: - bbl

45.90 bbl

Tool Weight:

2000.00 lb

Weight set on Packer: 25000.00 lb Weight to Pull Loose: 42000.00 lb Tool Chased

String Weight: Initial

0.00 ft 38000.00 lb

Final 38000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

3246.00 ft Depth to Bottom Packer:

Interval between Packers: Tool Length:

50.00 ft

28.00 ft

Diameter: 6.75 inches

Tool Comments:

Number of Packers:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00		Bombs: C	3225.00	0 : salone2 hu	Firmar /
Shut In Tool	5.00			3230.00		
Hydraulic tool	5.00			3235.00		
Safety Joint	2.00			3237.00		
Packer	5.00			3242.00	22.00	Bottom Of Top Packer
Packer	4.00			3246.00		
Stubb	1.00			3247.00		
Recorder	0.00	8653	Inside	3247.00		
Recorder	0.00	8646	Outside	3247.00		
Perforations	24.00			3271.00		
Bullnose	3.00			3274.00	28.00	Bottom Packers & Anchor

**Total Tool Length:** 

50.00



**FLUID SUMMARY** 

CGOil, Inc.

34-13S-16W Ellis, KS

PO Box 207

Walker #2

Job Ticket: 63252

DST#: 2

ATTN: Roger Fisher

Victoria, KS 67671

Test Start: 2017.06.06 @ 12:03:02

Oil API:

**Mud and Cushion Information** 

Mud Type:

Gel Chem

Mud Weight:

Viscosity: Water Loss:

Resistivity:

Salinity:

Filter Cake:

50.00 sec/qt 7.19 in<sup>3</sup>

9.00 lb/gal

ohm.m 9800.00 ppm

inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type: Gas Cushion Pressure: ft

bbl

Water Salinity:

Printed: 2017.06.07 @ 14:22:40

deg API

ppm

psig

**Recovery Information** 

Recovery Table

Volume Description Length bbl 0.043 **OSM Mud 100%** 3.00

Total Length:

3.00 ft

Total Volume:

0.043 bbl

Num Fluid Samples: 0

Num Gas Bombs:

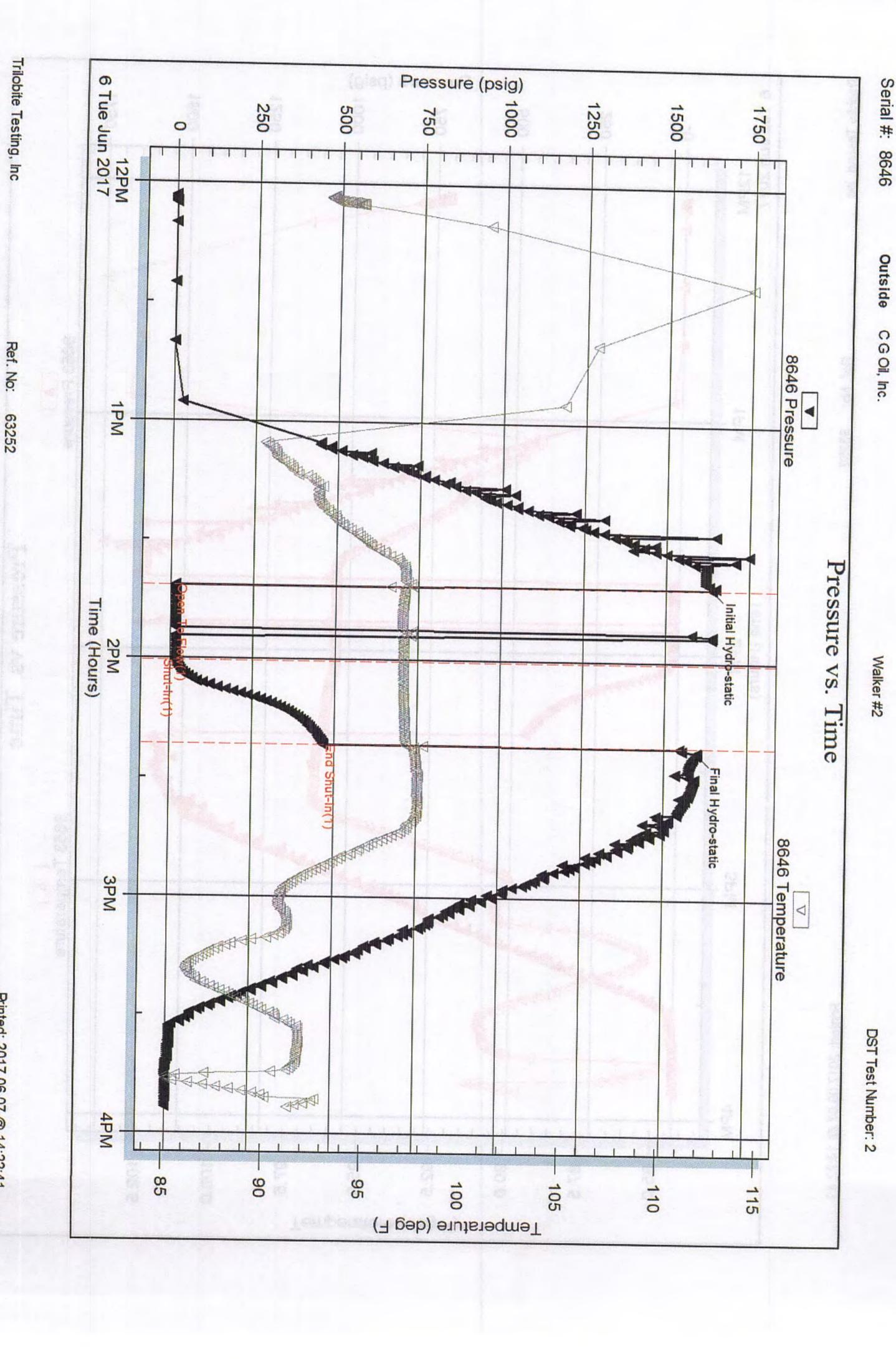
0

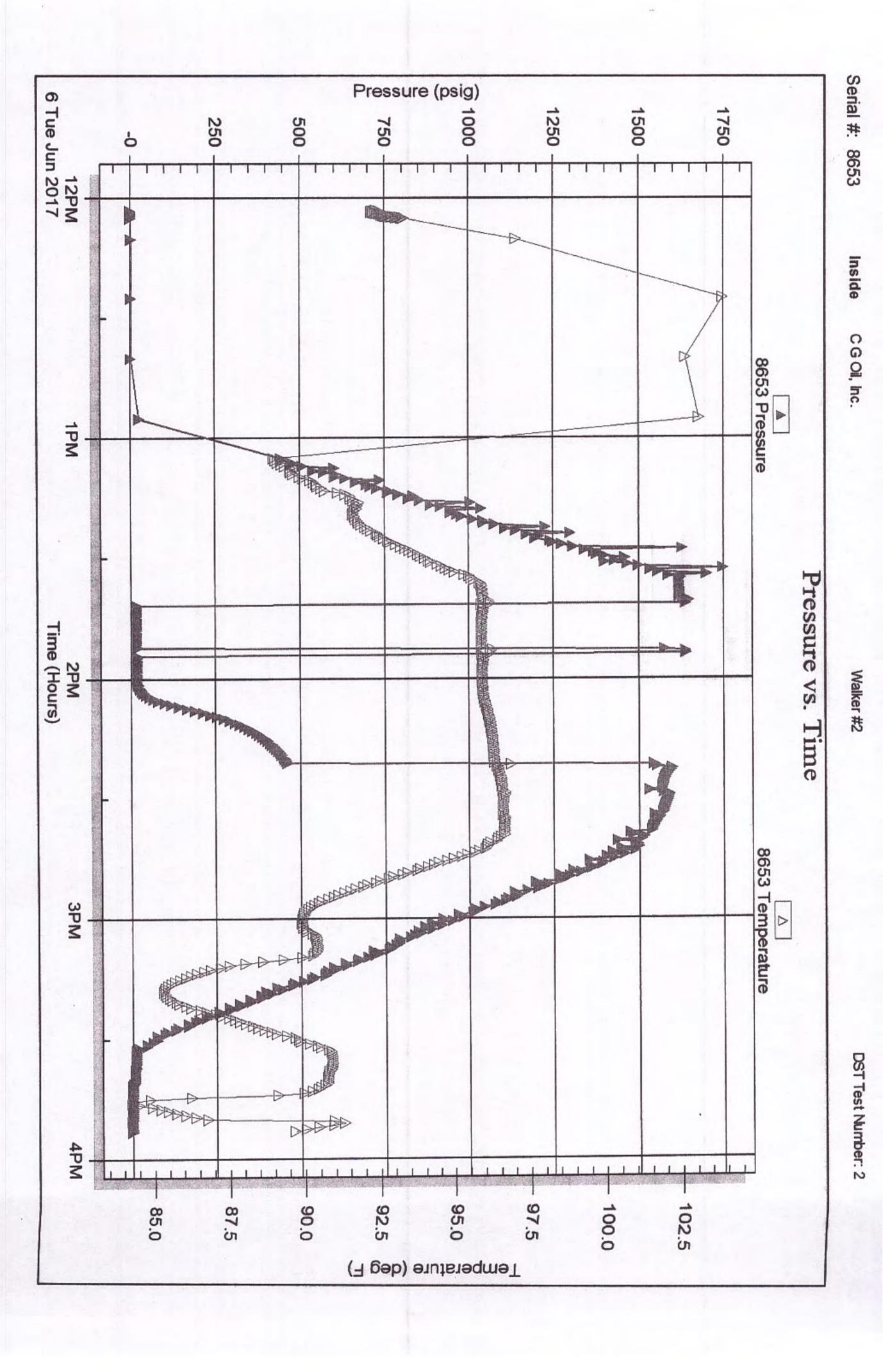
Laboratory Location:

Laboratory Name:

Recovery Comments:

Serial #:





Trilobite Testing, Inc

Ref. No:

63252