

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 # _____

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 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: _____, Long: _____
(e.g. xx.xxxxx) (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 Distribution

ALT 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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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:	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 <i>(Explain)</i> _____				
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 <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Brown, Rodney dba MJT Oil
Well Name	SCHOENTHALER 5
Doc ID	1727084

All Electric Logs Run

Micro
Dual Induction
Compensated Density
Cement Bond

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Andrew J. French, Chairperson
Dwight D. Keen, Commissioner
Annie Kuether, Commissioner

Laura Kelly, Governor

September 27, 2023

Rodney Brown
Brown, Rodney dba MJT Oil
115 3RD ST
P.O. BOX 112
GORHAM, KS 67640-0112

Re: ACO-1
API 15-195-23157-00-00
SCHOENTHALER 5
NW/4 Sec.27-12S-21W
Trego County, Kansas

Dear Rodney Brown:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 04/13/2023 and the ACO-1 was received on September 18, 2023 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

Marc A. Downing

Geologic Report

Consulting Petroleum Geologist

Drilling Time and Sample Log

Operator MJT Oil

Lease Schoenthaler

No. 5

Elevation
KB 2254
DF 2252
GL 2246

API # 15-195-23157-0000

Field Adair

Casing Record
Surface
8 5/8" @ 223'
Production
5 1/2" @ 4024'

Location 1170' FNL & 1815' FWL

Electrical Surveys

Sec. 27 Twp. 12s Rge. 21w

CNDL, DIL

County Trego State Kansas

MEL

Formation	Sample tops	Log Tops	Datum	Struct Comp
Top Anhydrite	1641	1639	+615	+6
Base Anhydrite	1688	1682	+572	NA
Topeka	3291	3290	-1036	+5
Heebner	3512	3511	-1257	+3
Toronto	3534	3532	-1278	+7
LKC	3547	3546	-1292	+5
BKC	3778	3777	-1523	+8
Marmaton	3840	3838	-1584	+8
Arbuckle	3930	3928	-1674	FL
Total Depth	4025	4024	-1770	

Reference Well For Structural Comparison Zenith Drilling - Schoenthaler #1
NW-SE-NW Sec. 27-12s-21w

Drilling Contractor	Completed	Discovery Drilling, Rig
Commenced	4-13-23	
Samples Saved From	3250	To
Drilling Time Kept From	3150	To
Samples Examined From	3250	To
Geological Supervision From	3250	To

Summary and Recommendations

Due to structural position, DST recovery, and log evaluation to set 5 1/2" production casing for completion.

Perforate:

Arbuckle: 3947-3950 (squeeze if wet)

Respectfull

Marc A. D.

mitted,

was decided



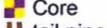
ROCK TYPES

 Dolprim	 Lmst fw7>	 Carbon Sh	 Slstst
 Dolsec	 shale, gry	 shale, red	

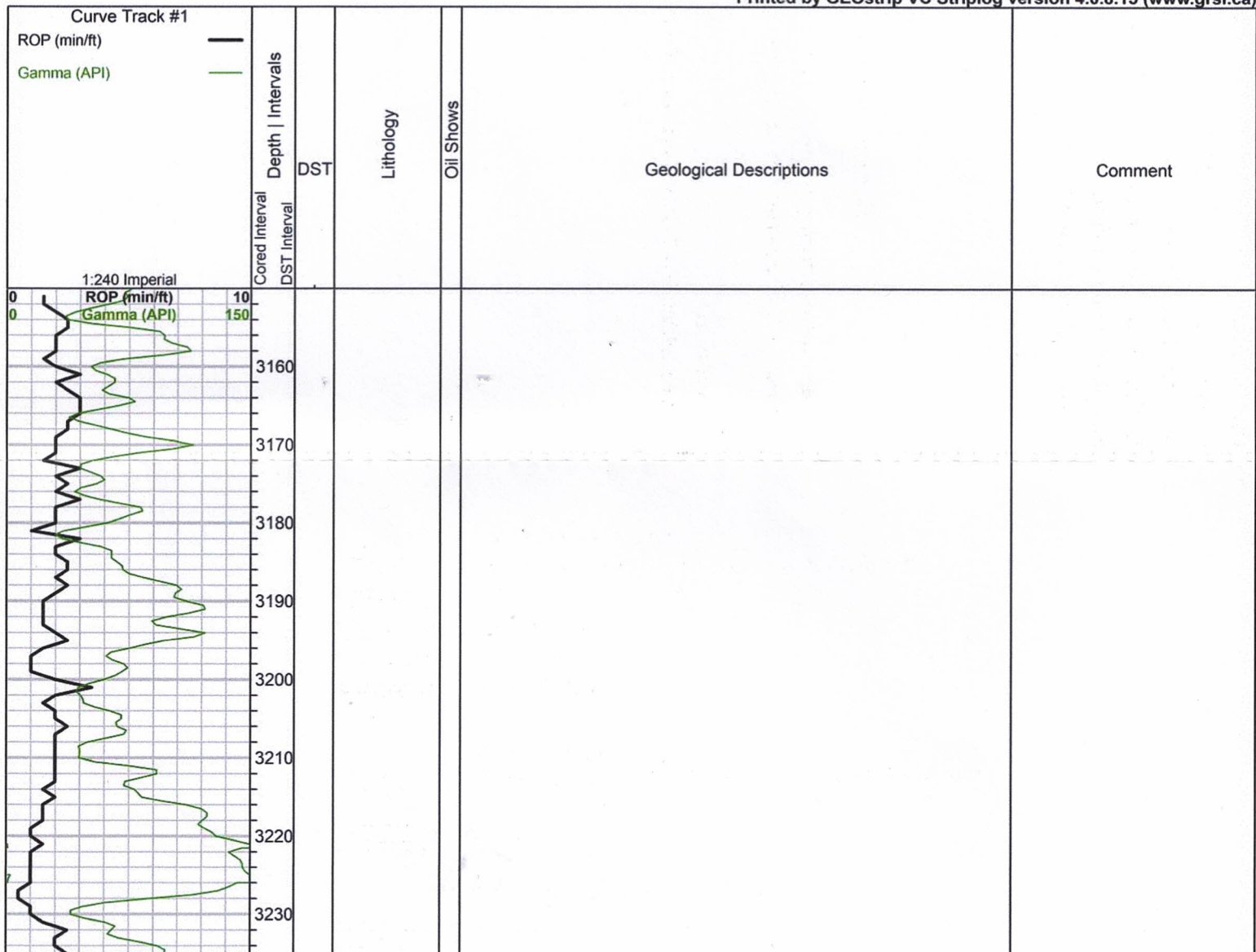
ACCESSORIES

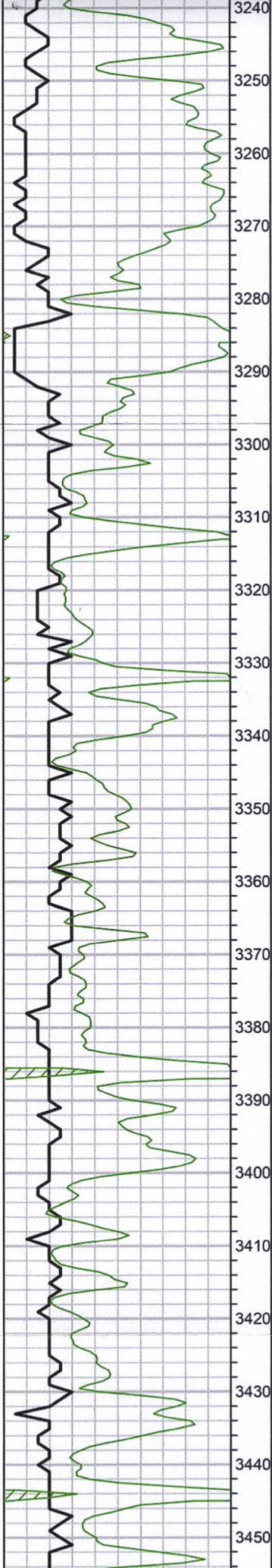
MINERAL	STRINGER
▲ Chert, dark	 Dolomite
P Pyrite	 Sandstone
⋈ Varicolored chert	
△ Chert White	

OTHER SYMBOLS

OIL SHOWS	DST
● Even Stn	 DST Int
● Spotted Stn 50 - 75 %	 DST alt
● Spotted Stn 25 - 50 %	 Core
○ Spotted Stn 1 - 25 %	 tail pipe
○ Questionable Stn	
D Dead Oil Stn	
■ Fluorescence	

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





Topeka 3291 (-1038)

LS: gry, fn-vfn xln. All v dns w/ scat foss.

Sh: gry

LS: lt gry, fn xln. Fr intxln por w/ NS.

LS: lt gry0lt brn, fn xln, subxln in prt. NS.

Sh: gry, sitly

LS: brn, fn-md xln. Foss w/ scat amt tan-brn cht. Totally barren, no od. Trng v dns w/ no vis por.

Sh: gry

LS: gry w/ some drk brn, v dns.

Sh: gry

LS: brn, fn xln, v foss, all v broken w/ totally fiss bed. All NS, scat brn cht.

Sh: Black Carb

Sh: gry, sitly

LS: tan, fn-vfn xln. All v dns w/ scat tan-brn cht. Totally barren, no od.

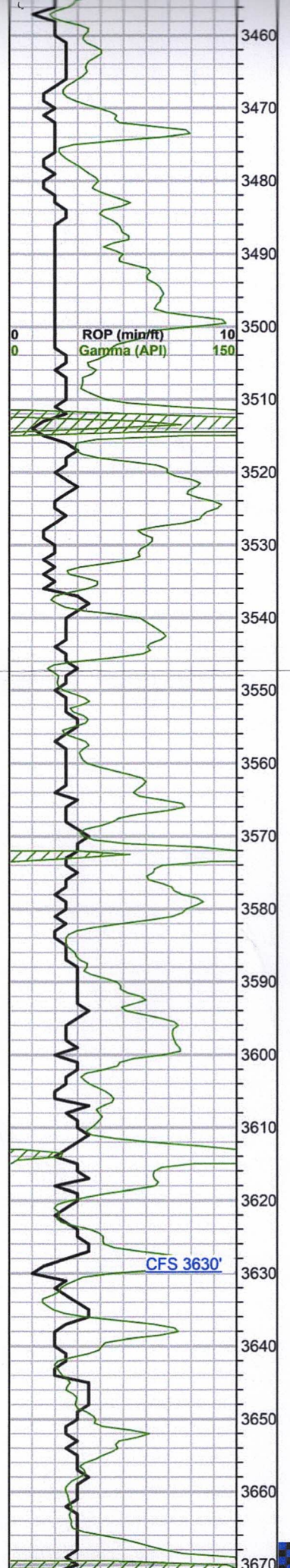
LS: tan, fn xln. Inc amt foss, frag in prt. Dnst w/ pr por, all NS.

Sh: gry

LS: gry, m xln, v foss. NS.

Sh: Black Carb

LS: tan, fn xln, v ool-foss.



LS: tan, fn xln, subxln in prt. Foss w/ scat intxln por w/ spttd stn, NSFO, no od. Cherty in prt.

Sh: gry

LS: tan, fn0md xln w/ lrg foss frags. Pr por w/ much wht-clr cht.

LS: gry, fn xln. Mostly all v dns w/ no vis por, fr amt cht and dns pyt.

Heebner 3512 (-1258)

Sh: Black Carb

Sh: gry-grn, silty

Toronto 3534 (-1280)

LS: wht, fn-vfn xln, subxln-chlky in top, trng v dns w/ pr por. All NS.

LKC 3547 (-1243)

LS: tan, fn xln, v ool w/ foss, pr por, NS> 1-2 pcs w/ spttd stn and some gils. No od.

LS: wht-tan, v fn xln w/ much gry-tan cht. Dns w/ pr por, all NS. Cht trng brn-gry-tan.

Sh: Black Carb

LS: tan, fn xln w/ scat foss por. Spttd stn in por, NSFO, no od. Mostly all subxln-chlky.

Sh: brn-reddish brn

LS: tan, fn xln, v ool. Fr-gd int ool por w/ scat lt stn, NSFO, no od.

Sh: drk gry-blk

LS: tan, v ool, w/ gd ool por. V lt stn, NSFO, no od.

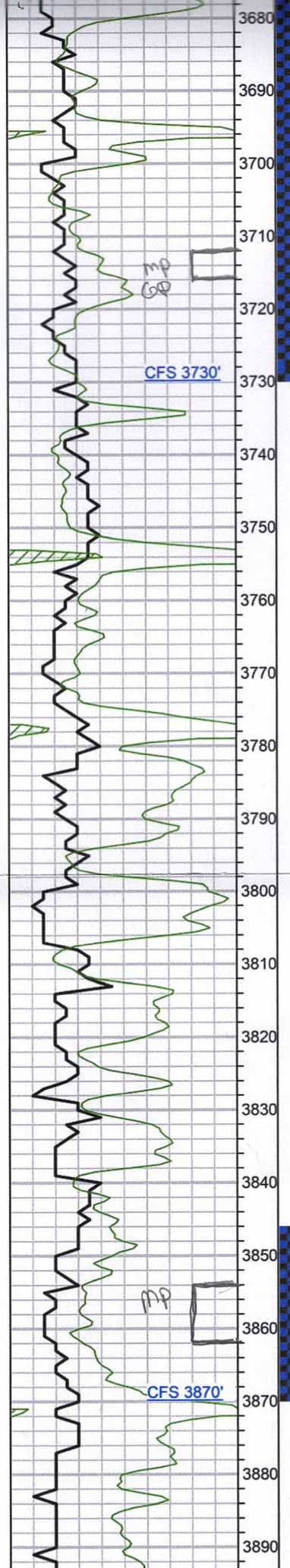
Sh: drk gry

LS: wht, gd ool-ool por, v hvy-tarry show, NSFO, gilsonite, no od.

LS: tan, fn xln, v ool w/ lt spttd stn, NSFO, no od. Trng pr por and dns.

LS: tan, fn-vfn xln, all v dns. Scat frag foss w/ scat tan-clr cht. Totally barren, no od.

Sh: Black Carb



LS: wht, fn-vfn xln, w/ scat intxln por, NSFO, no od.
Trng wht-tan w/ fr amt chlky rx, 1-2 pcs lt spttd stn.

DST #1
3667-3730
30-30-30-30

I.F. - 1.25"
F.F. - 4.25"
IFP: 20-28
FF: 22-30
SIP: 131-128
HP: 1827-1770
Rec:
40' VSOCM (2% o)
BHT: 109

Sh: gry-drk gry

● LS: brn, fn xln, w/ gd intxln por and gd SFO, tot brn sat stn. Friable w/ gd to strong od. trng tan-crm, fn-md xln, dns w/ scat cht.

Sh: gry

● LS: tan, fn xln, v gd foss por w/ gd SFO, lt even st, w/ gd od. Few totally lt brn sat.

Sh: gry

○ LS: tan-off wht, v foss w/ scat foss por. V spttd SFO, no od. Becoming v fn xln, v foss, v dns.

Sh: gry

○ LS: tan, fn xln, some gd ool por w/ lt spttd stn and gilsoite, no od. Fr amt chlky to subxln w/ NS. Trng fn-bfn xln, v foss, v dns.

BKC 3778 (-1524)

Sh: gry w/ scat brn

LS: tan-brn, fn xln, v brecc w/ foss. Some fn grn SS clust.

Sh: red

○ LS: wht, fn xln, subxln in prt. V foss and ool w/ 1-2 lt spttd stn, No od.

Sh: red

LS: lt tan, fn xln, vo ool. All NS. Fr amt red sh stringers.

Sh: red

Marmaton 3840 (-1586)

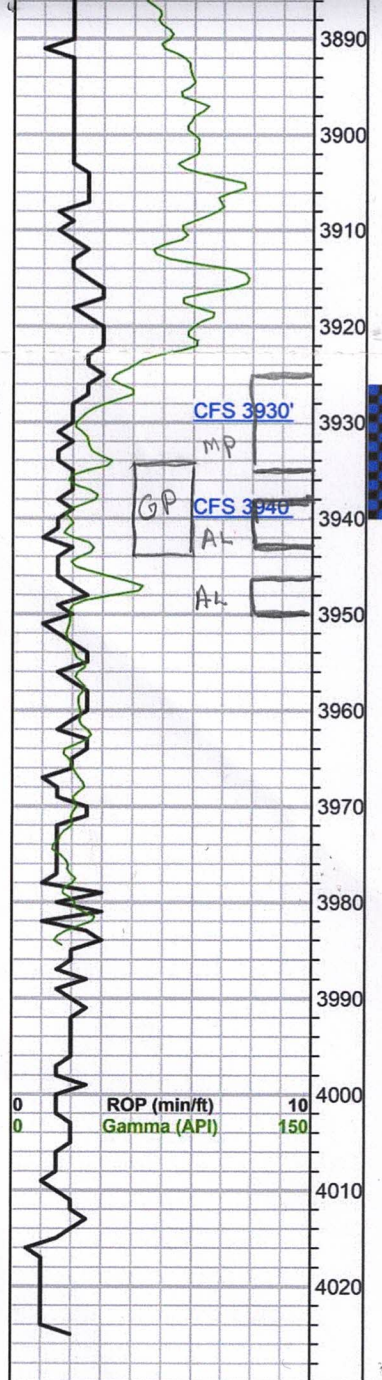
○ LS: tan, fn xln, w/ scatt fracture por. V spttd stn, no od, w/ red-brn clr cht.

● LS: brn, fn xln, w/ gd pp and intxln por, frac. Gd sat stn, totally brn. Gd SFO, gd od in LS. Dolomitic cht, all has edge stn and gd frac plns.

DST #2
3846-3870
30-30-30-30

I.F. - 1.5"
F.F. - 1.75"
IFP: 14-23
FFP: 28-28
SIP: 800-689
HP: 1887-1849
Rec:
35' HOCM (30% o)
BHT: 111

Sh: red, washes red w/ lots of crs gry gilsonite ss clust and vari-colored cht. Some v ool, all NS. V arg.



Sh: mostly ala

Arbuckle 3930 (-1676)

- Dolo: tan, fn xln, dns. Pr intxln por w/ pr strn, v spttd
- SFO, tite, fr od. trng fn-crs xln, w/ gd intxln por, gd
- SFO, v strong od, some tot brn sat, gssy when broken.
- Dolo: tan, fn-crs xln, w/ gd intxln por, gd SFO, rhom.
- Strong od.
- Dolo: ala w/ lots sndy inclusions.
- Dolo: tan-wht, fn xln, tite. Losing show, still fr od, mostly all tite.
- Dolo: tan-off wht, some lt tan. Md rhom xln, fr intxln por, no vis SFO, some gilsonite. Fr od.

Dolo: wht, md-crs rhom xln. Rare spttd strn, NSFO, no od.

Dolo: mostly ala, trng totally barren, no od.

RTD 4025 (-1771)

DST #3
3926-3940
 30-45-45-60
 I.F. - 4.5"
 F.F. - 4"
 IFP: 19-39
 FFP: 44-56
 SIP: 1109-1093
 HP: 1981-1816
 Rec:
 30' GIP
 53' GO (93% o)
 41' GOCM (5% g, 20% o)
 BHT: 117
 G: 32

M J T OIL
 Schoentheiler #5
 Trego Co Ks.

4-19-23
 Move 5 1/2 to location

4-20-23

Ran 96 jts od 5 1/2 15.5# new R-3 LT@C casing Set at 2023.
 Cemented w/ 150 sxs common w/ 10% salt and 5# gill, Good cir at all times..600# lift
 1500# landing plug Cir for 1 hr. Plugged rat hole w/ 30 sxs and mouse hole w/ 15 sxs.
 Cemented top stage w/ 280 sxs QMD Good cir at all times, Cement cir w/ 50 sxs to pit.
 Plug landed 10:30 Set slips and released rig 11:30.

5 1/2 cement guide shshoe	4023	1.00	
5 1/2 shoe jt		42.63	
5 1/2 15.5 new R-3 LT@C	56 jts	43.63	Shoe jt total
5 1/2 DV Tool		2332.88	
5 1/2 15.5 new R-3 LT@C	39 jts	2.50	
51/2 landing jt		1636.56	
RTD 4025 LTD 4024		10.00	
		4025.12	Set 2' off bottom

M J T OIL

Schoenthaler # 5

Trego Co Ks

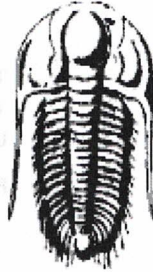
4-24-23

Leveled location and filled cellar.

Moved in Rig and rigged up Moved 122 fts 2 3/8 tubing. Set test tank and loaded w/
160 bbls salt water

4-26-23

Ran 4 7/8 bit and 3 drill collars on 2 3/8 tubing Drilled out DV at 1646. Pulled rigged
up Gemini Wire line and ran CCL Bond log. TD at 3974 Top of cement at 2884. Bond
tool hung up in DV coming out. Worked free and pulled SD



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **MJT OIL**

PO Box 112
Gorham, KS 67640

ATTN: Al Downing

Schoenthaler #5

27-12S-21W Trego,KS

Start Date: 2023.04.17 @ 15:43:00

End Date: 2023.04.17 @ 21:55:30

Job Ticket #: 70362 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

MJT OIL
27-12S-21W Trego,KS
Schoenthaler #5
DS1 # 1
LKC H-J
2023.04.17



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

MJT Oil
 PO Box 112
 Gorham, KS 67640
 ATTN: Al Downing

27-12S-21W Trego,KS
Schoenthaler #5
 Job Ticket: 70362 **DST#: 1**
 Test Start: 2023.04.17 @ 15:43:00

GENERAL INFORMATION:

Formation: **LKC H-J**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 17:47:45 Tester: Dustin Day
 Time Test Ended: 21:55:30 Unit No: 70
 Interval: **3667.00 ft (KB) To 3730.00 ft (KB) (TVD)** Reference Elevations: 2254.00 ft (KB)
 Total Depth: 3730.00 ft (KB) (TVD) 2246.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 8.00 ft

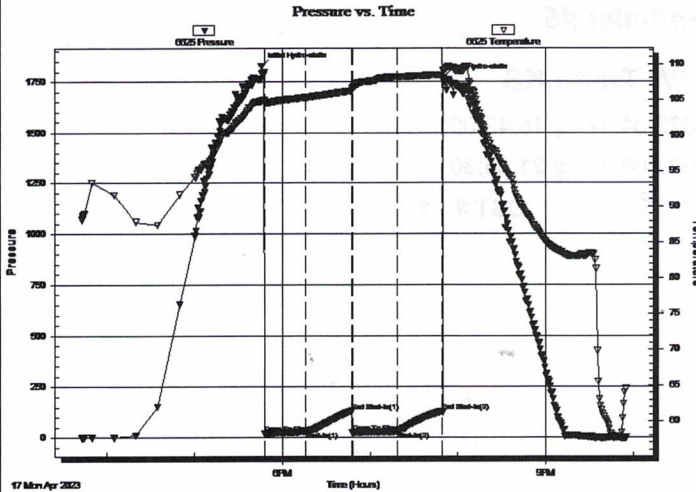
Serial #: 6625

Inside

Press@RunDepth: 29.69 psig @ 3668.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2023.04.17 End Date: 2023.04.17 Last Calib.: 2023.04.17
 Start Time: 15:43:05 End Time: 21:55:29 Time On Btm: 2023.04.17 @ 17:45:30
 Time Off Btm: 2023.04.17 @ 19:50:15

TEST COMMENT: IF-30- Built to 1 1/4"
 SI1-30- No return
 FF-30- Built to 4 1/4"
 SI2-30- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1826.68	104.79	Initial Hydro-static
3	19.56	104.69	Open To Flow (1)
31	28.26	105.29	Shut-In(1)
63	130.73	106.24	End Shut-In(1)
63	22.12	106.51	Open To Flow (2)
93	29.69	108.17	Shut-In(2)
124	128.05	108.52	End Shut-In(2)
125	1769.79	109.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	VSOCM 2% oil 98% mud	0.29

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

MJT Oil
PO Box 112
Gorham, KS 67640
ATTN: Al Downing

27-12S-21W Trego,KS
Schoenthaler #5
Job Ticket: 70362 **DST#: 1**
Test Start: 2023.04.17 @ 15:43:00

Tool Information

Drill Pipe:	Length: 3634.00 ft	Diameter: 3.80 inches	Volume: 50.98 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 86000.00 lb
			<u>Total Volume: 51.13 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3667.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.00 ft			
Tool Length:	89.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3642.00	
shut In Tool	5.00			3647.00	
hydraulic tool	5.00			3652.00	
EM Tool	3.00			3655.00	
safety Joint	3.00			3658.00	
Packer	5.00			3663.00	26.00 Bottom Of Top Packer
Packer	4.00			3667.00	
Stubb	1.00			3668.00	
Recorder	0.00	6625	Inside	3668.00	
Recorder	0.00	8167	Outside	3668.00	
perforations	24.00			3692.00	
change Over Sub	1.00			3693.00	
drill Pipe	32.00			3725.00	
change Over Sub	1.00			3726.00	
Bullhose	4.00			3730.00	63.00 Bottom Packers & Anchor

Total Tool Length: 89.00



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

MJT Oil
 PO Box 112
 Gorham, KS 67640
 ATTN: Al Downing

27-12S-21W Trego,KS
Schoenthaler #5
 Job Ticket: 70362 **DST#: 1**
 Test Start: 2023.04.17 @ 15:43:00

Mud and Cushion Information

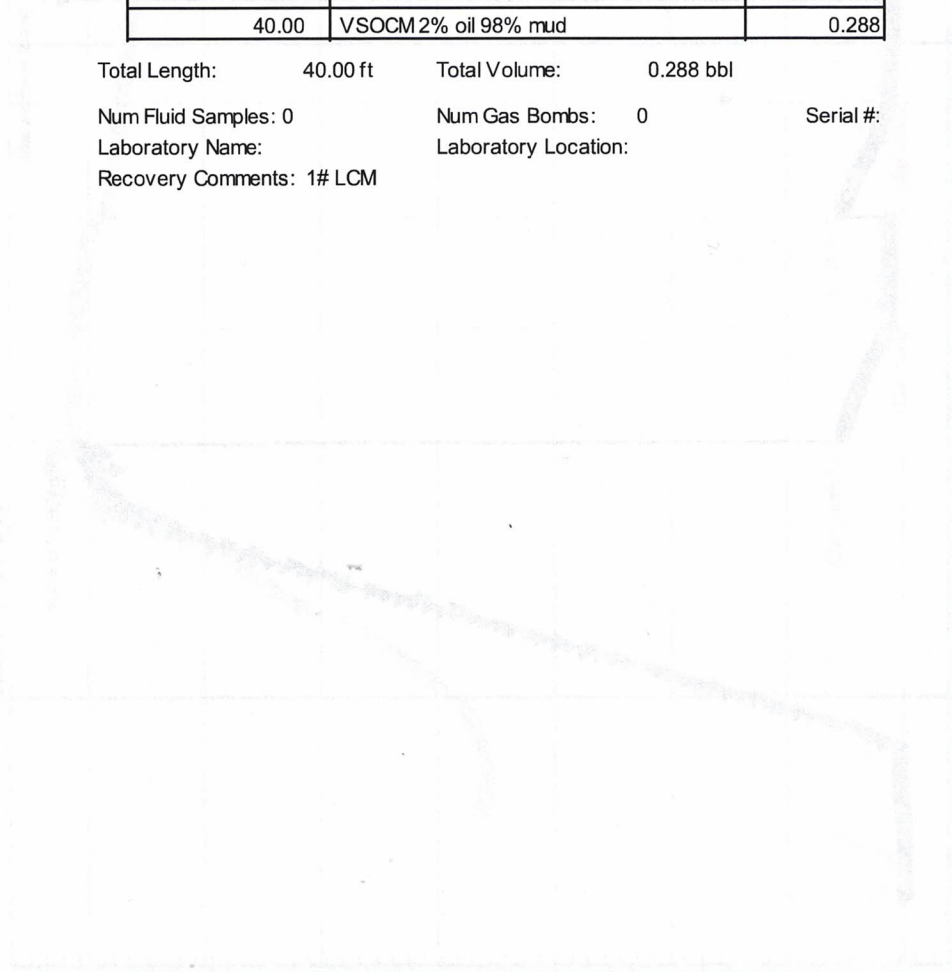
Mud Type: Gel Chem	Cushion Type:	Oil APt:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	VSOCM 2% oil 98% mud	0.288

Total Length: 40.00 ft Total Volume: 0.288 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 1# LCM



Serial #: 6625

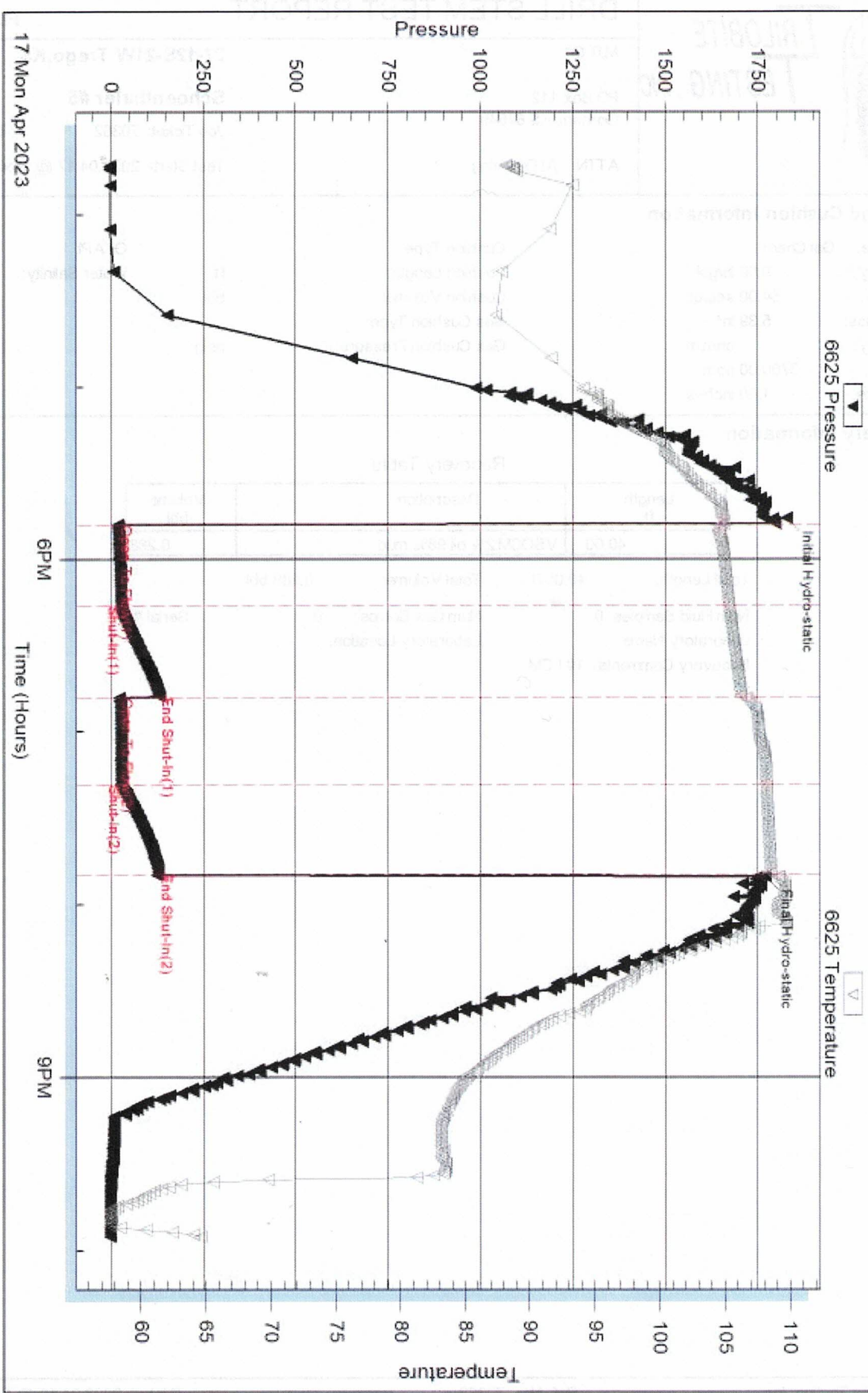
Inside

M/T Oil

Schoenthaler #5

DST Test Number: 1

Pressure vs. Time



17 Mon Apr 2023

Tribble Testing, Inc

Ref. No: 70362

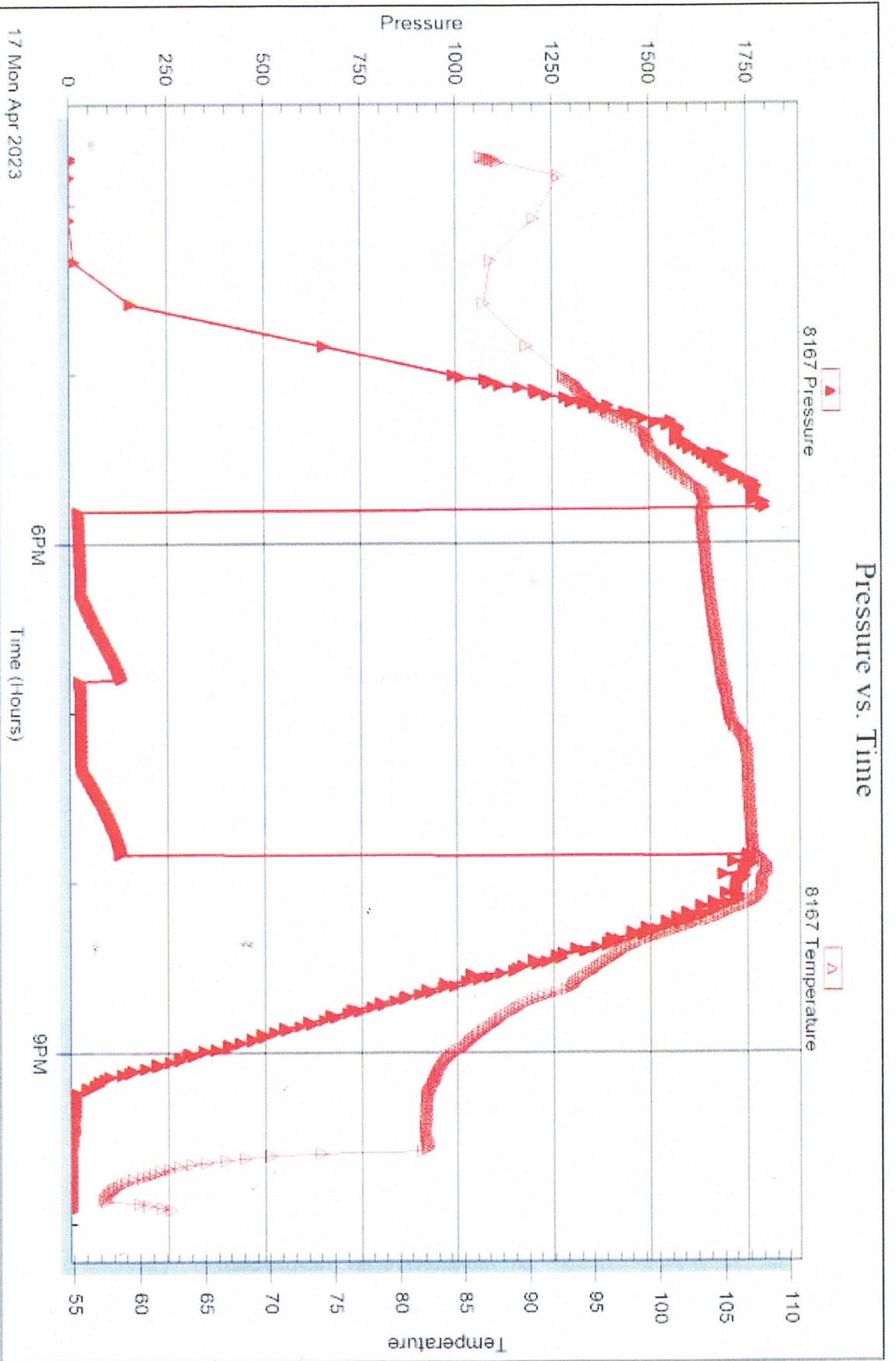
Printed: 2023 04 19 @ 14:33:47

Serial # 8167

Outside MUT CI

Schenckhaler #5

DGT Test Number 1



17 Mon Apr 2023

Triobite Testing, Inc

Ref. No. 70362

Printed 2023 04 19 @ 14:33:48



DRILL STEM TEST REPORT

Prepared For: **MJT Oil**

PO Box 112
Gorham, KS 67640

ATTN: Al Downing

Schoenthaler #5

27-12S-21W Trego,KS

Start Date: 2023.04.18 @ 10:00:00

End Date: 2023.04.18 @ 15:12:00

Job Ticket #: 70363 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.04.19 @ 14:33:03



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

MJT Oil
 PO Box 112
 Gorham, KS 67640
 ATTN: Al Downing

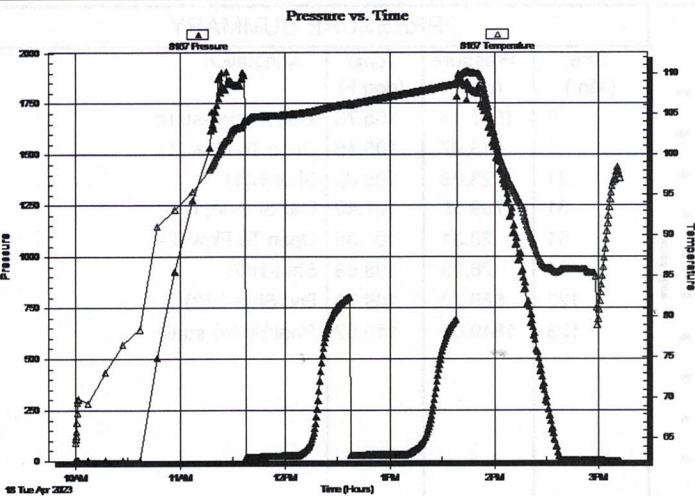
27-12S-21W Trego, KS
Schoenthaler #5
 Job Ticket: 70363 **DST#: 2**
 Test Start: 2023.04.18 @ 10:00:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:37:15
 Time Test Ended: 15:12:00
 Interval: **3846.00 ft (KB) To 3870.00 ft (KB) (TVD)**
 Total Depth: 3870.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Dustin Day
 Unit No: 70
 Reference Elevations: 2254.00 ft (KB)
 2246.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8167 Outside
 Press@RunDepth: psig @ 3847.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2023.04.18 End Date: 2023.04.18 Last Calib.: 2023.04.18
 Start Time: 10:00:05 End Time: 15:11:59 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF-30- Built to 1 1/2"
 SI1-30- No return
 FF-30- Built to 1 3/4"
 SI2-30- No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
35.00	HOCM 30% oil 70% mud	0.22

Gas Rates

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

* Recovery from multiple tests



DRILL STEM TEST REPORT

MJT Oil
 PO Box 112
 Gorham, KS 67640
 ATTN: Al Downing

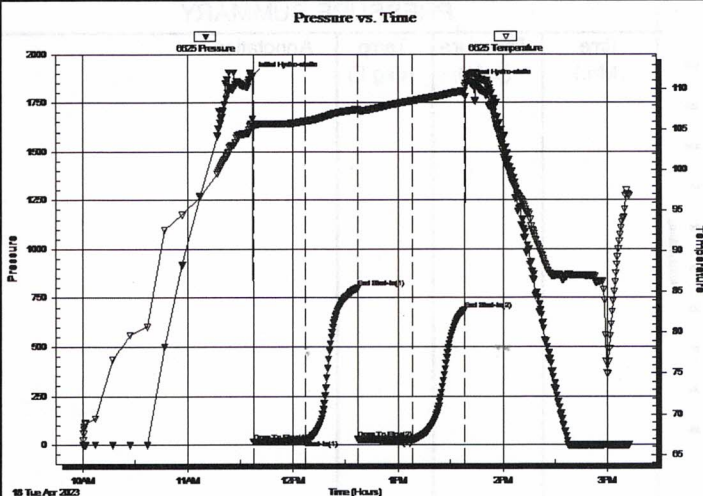
27-12S-21W Trego,KS
Schoenthaler #5
 Job Ticket: 70363 **DST#: 2**
 Test Start: 2023.04.18 @ 10:00:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:37:15
 Time Test Ended: 15:12:00
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Dustin Day
 Unit No: 70
 Interval: **3846.00 ft (KB) To 3870.00 ft (KB) (TVD)**
 Total Depth: 3870.00 ft (KB) (TVD)
 Reference Elevations: 2254.00 ft (KB)
 2246.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 8.00 ft

Serial #: 6625 Inside
 Press@RunDepth: 28.29 psig @ 3847.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2023.04.18 End Date: 2023.04.18 Last Calib.: 2023.04.18
 Start Time: 10:00:05 End Time: 15:11:59 Time On Btm: 2023.04.18 @ 11:36:45
 Time Off Btm: 2023.04.18 @ 13:39:00

TEST COMMENT: IF-30- Built to 1 1/2"
 SI1-30- No return
 FF-30- Built to 1 3/4"
 SI2-30- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1887.48	105.73	Initial Hydro-static
1	13.97	105.46	Open To Flow (1)
31	23.08	106.02	Shut-In(1)
61	799.55	107.49	End Shut-In(1)
61	28.31	107.35	Open To Flow (2)
92	28.29	108.53	Shut-In(2)
122	688.92	109.76	End Shut-In(2)
123	1849.08	110.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	HOCM 30% oil 70% mud	0.22

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

MJT Oil
PO Box 112
Gorham, KS 67640
ATTN: Al Dow ning

27-12S-21W Trego,KS
Schoenthaler #5
Job Ticket: 70363 **DST#: 2**
Test Start: 2023.04.18 @ 10:00:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 534.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	HOCM 30% oil 70% mud	0.218

Total Length: 35.00 ft Total Volume: 0.218 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 1# LCM



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

MJT Oil
PO Box 112
Gorham, KS 67640
ATTN: Al Downing

27-12S-21W Trego,KS
Schoenthaler #5
Job Ticket: 70363 **DST#: 2**
Test Start: 2023.04.18 @ 10:00:00

Tool Information

Drill Pipe:	Length: 3824.00 ft	Diameter: 3.80 inches	Volume: 53.64 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 66000.00 lb
			<u>Total Volume: 53.79 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	3846.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	50.00 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			3821.00	
shut In Tool	5.00			3826.00	
hydraulic tool	5.00			3831.00	
EM Tool	3.00			3834.00	
safety Joint	3.00			3837.00	
Packer	5.00			3842.00	26.00 Bottom Of Top Packer
Packer	4.00			3846.00	
Stubb	1.00			3847.00	
Recorder	0.00	6625	Inside	3847.00	
Recorder	0.00	8167	Outside	3847.00	
perforations	19.00			3866.00	
Bullnose	4.00			3870.00	24.00 Bottom Packers & Anchor

Total Tool Length: 50.00

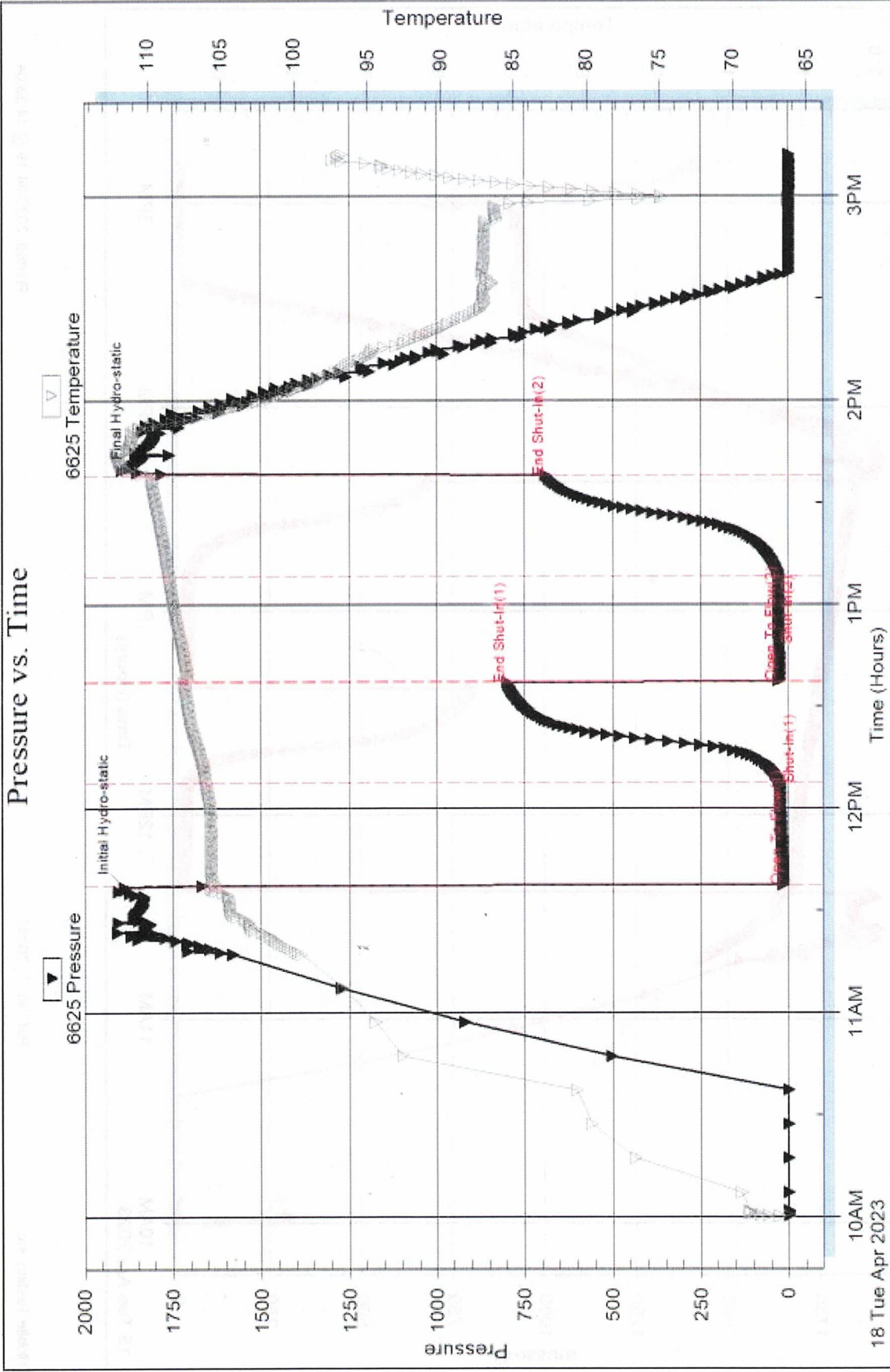
Serial #: 6625

Inside

MJT Oil

Schoenthaler #5

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 70363

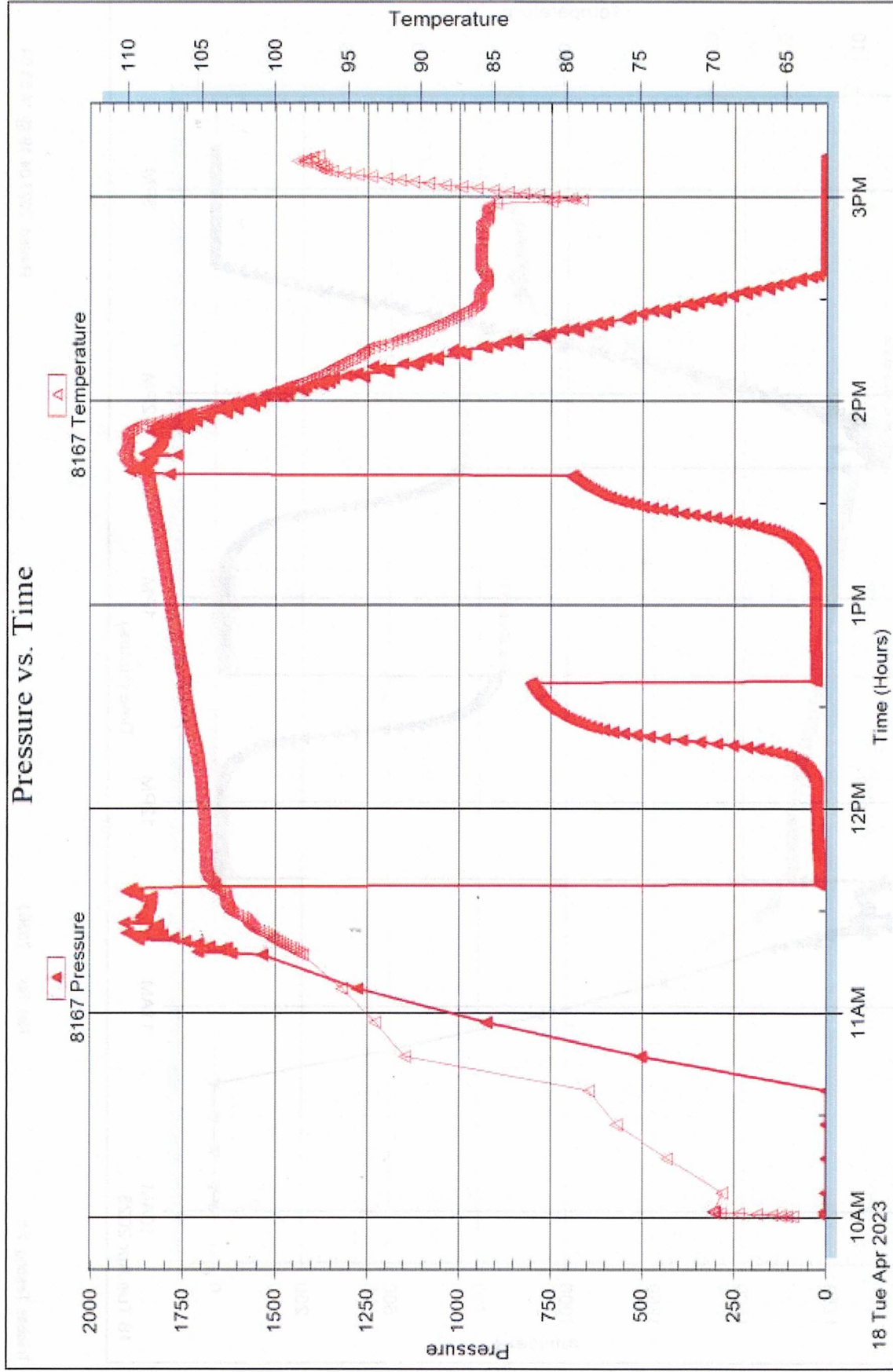
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Serial #: 8167

Outside MUT Oil

Schoenthaler #5

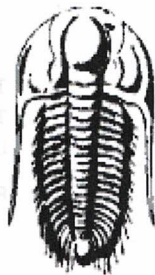
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 70363

Printed: 2023.04.19 @ 14:33:04



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **MJT Oil**

PO Box 112
Gorham, KS 67640

ATTN: Al Downing

Schoenthaler #5

27-12S-21W Trego,KS

Start Date: 2023.04.19 @ 00:44:00

End Date: 2023.04.19 @ 07:37:45

Job Ticket #: 70364 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

MJT Oil
 PO Box 112
 Gorham, KS 67640
 ATTN: AI Downing

27-12S-21W Trego, KS
Schoenthaler #5
 Job Ticket: 70364 **DST#: 3**
 Test Start: 2023.04.19 @ 00:44:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:41:45
 Time Test Ended: 07:37:45
 Interval: **3926.00 ft (KB) To 3940.00 ft (KB) (TVD)**
 Total Depth: 3940.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Dustin Day
 Unit No: 70
 Reference Elevations: 2254.00 ft (KB)
 2246.00 ft (CF)
 KB to GR/CF: 8.00 ft

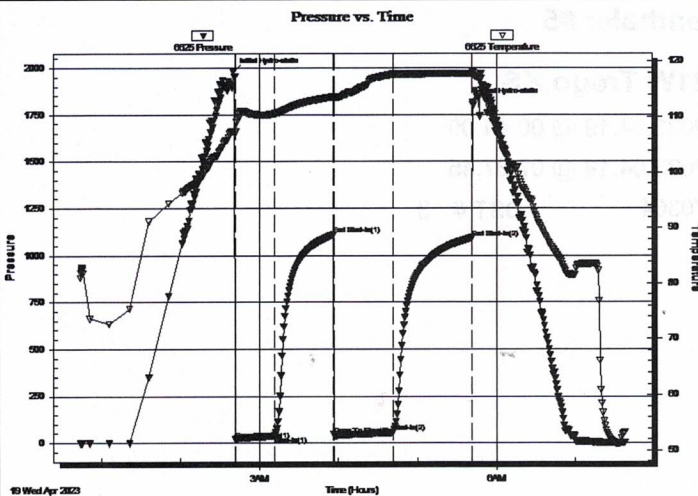
Serial #: 6625

Inside

Press@RunDepth: 55.96 psig @ 3927.00 ft (KB)
 Start Date: 2023.04.19 End Date: 2023.04.19
 Start Time: 00:44:05 End Time: 07:37:44
 Capacity: 8000.00 psig
 Last Calib.: 2023.04.19
 Time On Btm: 2023.04.19 @ 02:40:15
 Time Off Btm: 2023.04.19 @ 05:42:15

TEST COMMENT: IF-30- Built to 4 1/2"
 SI1-45- No return
 FF-45- Built to 4"
 SI2-60- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1980.82	107.34	Initial Hydro-static
2	18.69	107.33	Open To Flow (1)
32	38.54	110.58	Shut-In(1)
76	1109.13	113.62	End Shut-In(1)
77	44.29	113.38	Open To Flow (2)
121	55.96	117.73	Shut-In(2)
182	1092.87	117.83	End Shut-In(2)
182	1816.45	117.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
41.00	GOCM 5% gas 20% oil 75% mud	0.30
53.00	GO 7% gas 93% oil	0.74
0.00	30' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

MJT Oil
PO Box 112
Gorham, KS 67640
ATTN: Al Downing

27-12S-21W Trego, KS
Schoenthaler #5
Job Ticket: 70364 **DST#: 3**
Test Start: 2023.04.19 @ 00:44:00

Tool Information

Drill Pipe:	Length: 3887.00 ft	Diameter: 3.80 inches	Volume: 54.52 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 54.67 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3926.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

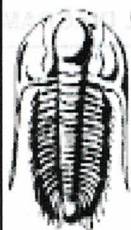
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			3901.00	
shut In Tool	5.00			3906.00	
hydraulic tool	5.00			3911.00	
EM Tool	3.00			3914.00	
safety Joint	3.00			3917.00	
Packer	5.00			3922.00	26.00 Bottom Of Top Packer
Packer	4.00			3926.00	
Stubb	1.00			3927.00	
Recorder	0.00	6625	Inside	3927.00	
Recorder	0.00	8167	Outside	3927.00	
perforations	9.00			3936.00	
Bullnose	4.00			3940.00	14.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

MJT Oil
 PO Box 112
 Gorham, KS 67640
 ATTN: Al Downing

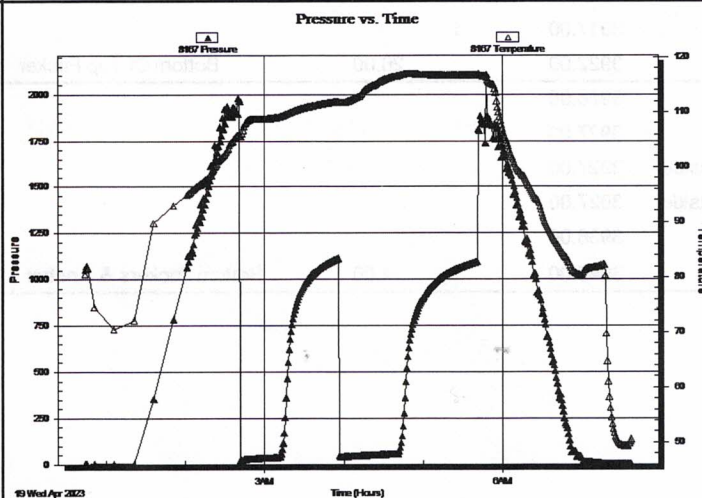
27-12S-21W Trego, KS
Schoenthaler #5
 Job Ticket: 70364 **DST#: 3**
 Test Start: 2023.04.19 @ 00:44:00

GENERAL INFORMATION:

Formation: Arbuckle
Deviated: No **Whipstock:** ft (KB)
Time Tool Opened: 02:41:45
Time Test Ended: 07:37:45
Interval: 3926.00 ft (KB) To 3940.00 ft (KB) (TVD)
Total Depth: 3940.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches **Hole Condition:** Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Dustin Day
Unit No: 70
Reference Elevations: 2254.00 ft (KB)
 2246.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8167 **Outside**
Press@RunDepth: psig @ 3927.00 ft (KB)
Start Date: 2023.04.19 **End Date:** 2023.04.19 **Capacity:** 8000.00 psig
Start Time: 00:44:05 **End Time:** 07:37:44 **Last Calib.:** 2023.04.19
Time On Btm:
Time Off Btm:

TEST COMMENT: IF-30- Built to 4 1/2"
 S11-45- No return
 FF-45- Built to 4"
 S12-60- No return



PRESSURE SUMMARY

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

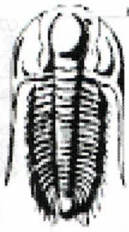
Recovery

Length (ft)	Description	Volume (bbl)
41.00	GOCM 5% gas 20% oil 75% mud	0.30
53.00	GO 7% gas 93% oil	0.74
0.00	30' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

MJT Oil
PO Box 112
Gorham, KS 67640
ATTN: Al Downing

27-12S-21W Trego,KS
Schoenthaler #5
Job Ticket: 70364 **DST#: 3**
Test Start: 2023.04.19 @ 00:44:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	32 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
41.00	GOCM 5% gas 20% oil 75% mud	0.302
53.00	GO 7% gas 93% oil	0.743
0.00	30' GIP	0.000

Total Length: 94.00 ft Total Volume: 1.045 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 1# LCM

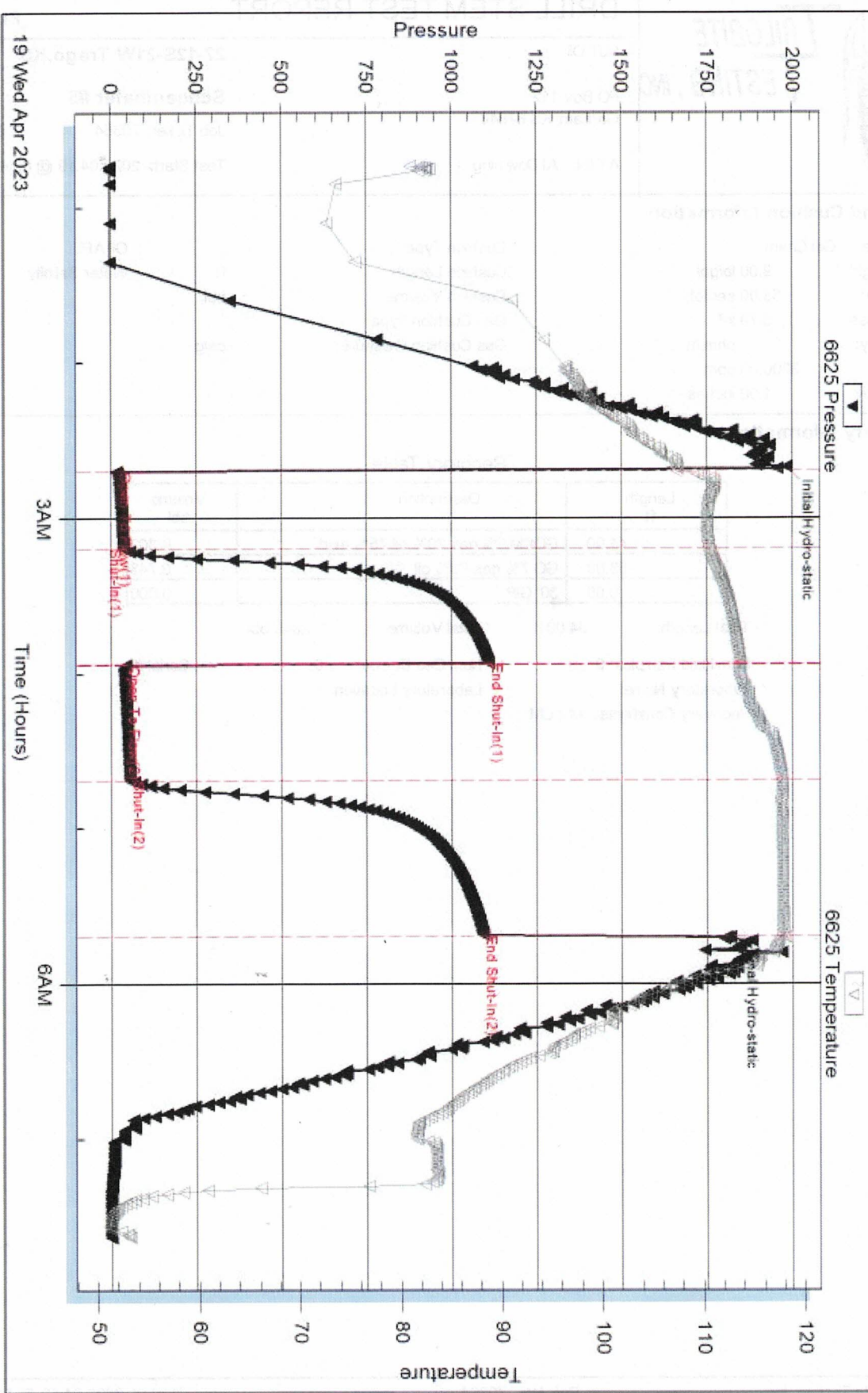
Serial #: 6625

Inside MWT Oil

Schoenthaler #5

DST Test Number: 3

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 70364

Printed: 2023 04 19 @ 14:32:29

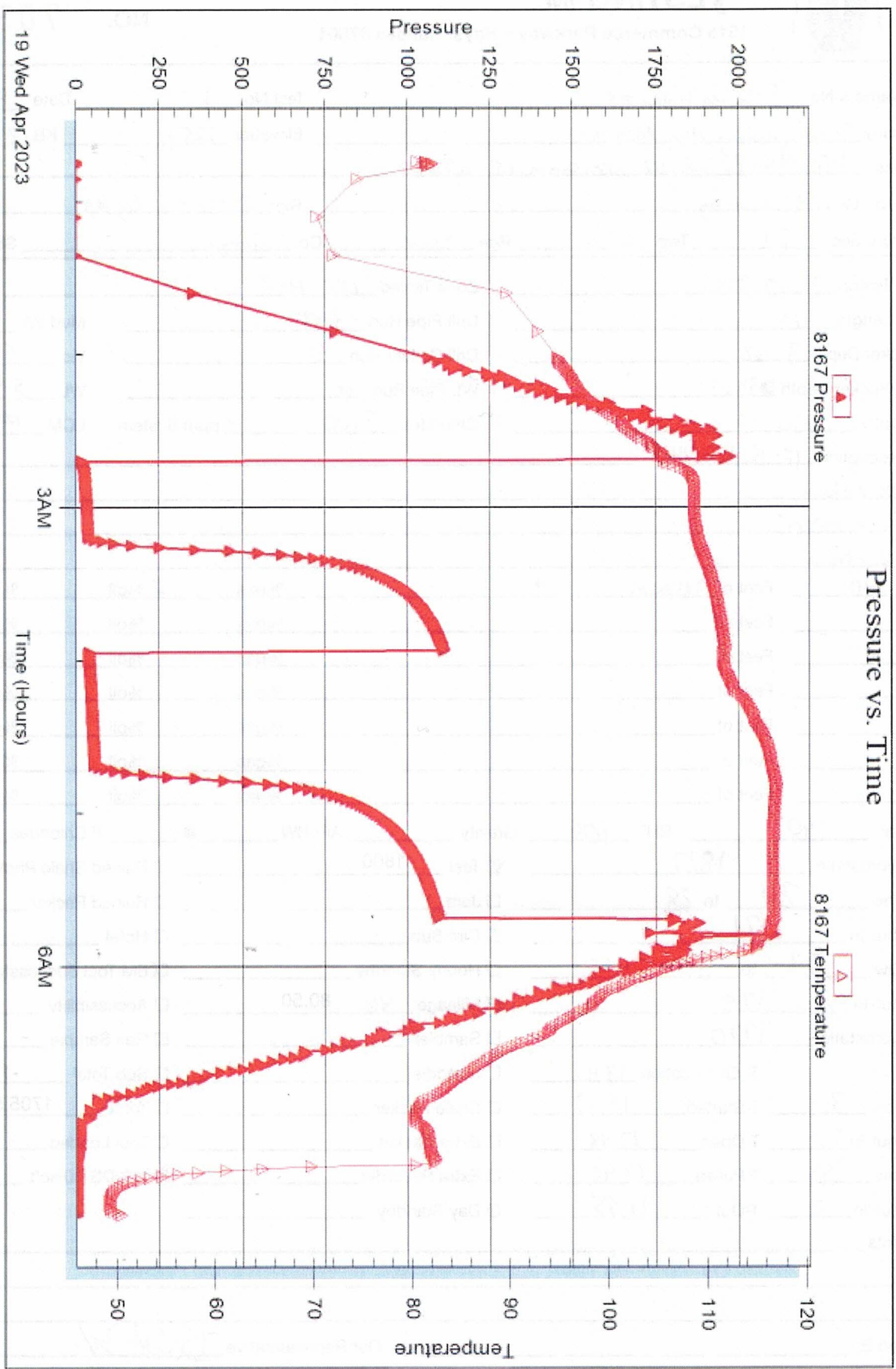
Serial #: 8167

Outside

MUT Oil

Schoenthaler #5

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 70364

Printed: 2023 04 19 @ 14:32:29



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **70362**

Well Name & No. Schwenhuter #5 Test No. 1 Date 4/17/23
 Company Brown, Bailey, dba MTR oil Elevation 2254 KB 2246 GL
 Address 1153rd St PO Box 112 Gocham, KS 67640
 Co. Rep / Geo Al Downing Rig Discovery Rig #4
 Location: Sec. 27 Twp 12S Rge. 21W Co. Trego State KS

Interval Tested 31667-3730 Zone Tested LKC H-J
 Anchor Length 63 Drill Pipe Run 31634 Mud Wt. 8.9
 Top Packer Depth 31662 Drill Collars Run 30 Vis 57
 Bottom Packer Depth 31667 Wt. Pipe Run 0 WL 5.4
 Total Depth 3730 Chlorides 3700 ppm System LCM 1#

Blow Description FF- Built to 1 1/4"
S17- No return
FF- Built to 4 1/4"
S12- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>USOCM</u>		<u>2</u>		<u>98</u>
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 40 BHT 109 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 Initial Hydrostatic 1827 Test 1800 Ruined Shale Packer _____
 Initial Flow 20 to 28 Jars _____ Ruined Packer _____
 Initial Shut-In 131 Circ Sub _____ Hotel _____
 Final Flow 22 to 30 Hourly Standby _____ EM Tool Successful -175
 Final Shut-In 128 Mileage 46 80.50 Accessibility _____
 Final Hydrostatic 170 Sampler _____ Gas Sample _____
 T- On Location 13.45 Straddle _____ Sub Total -175
 Initial Flow 30 T-Started 15:43 Shale Packer _____ Total 1705.50
 Initial Shut-In 30 T-Open 17:48 Extra Packer _____ Tool Loaded _____ @ _____
 Final Flow 30 T-Pulled 19:48 Extra Recorder _____ MP/DST Disc't _____
 Final Shut-In 30 T-Out 21:55 Day Standby _____

Comments _____

Approved By _____ Our Representative D. J. Dy

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.

(785) 656-0962



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **70363**

Well Name & No. Schoenthaler #5 Test No. 2 Date 4/18/23
 Company Brown, Rodney, aka MTRAI Elevation 2254 KB 2246 GL
 Address 115 3rd St P.O. Box 112 Graham, KS 67640
 Co. Rep / Geo. Al Downing Rig Discovery Rig #4
 Location: Sec. 27 Twp. 12S Rge. 21W Co. Trego State KS

Interval Tested 3846-3870 Zone Tested Marmaton
 Anchor Length 24 Drill Pipe Run 3824 Mud Wt. 9.0
 Top Packer Depth 3841 Drill Collars Run 30 Vis 53
 Bottom Packer Depth 3846 Wt. Pipe Run 0 WL 5.8
 Total Depth 3870 Chlorides 3800 ppm System LCM H

Blow Description IF- Built to 1 1/2"
S12- No return
FF- Built to 1 3/4"
S12- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>35</u>	<u>HOCM</u>	<u>30</u>		<u>70</u>	
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 35 BHT 111 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 Initial Hydrostatic 1887 Test 1800 Ruined Shale Packer _____
 Initial Flow 14 to 23 Jars _____ Ruined Packer _____
 Initial Shut-In 800 Circ Sub _____ Hotel _____
 Final Flow 28 to 28 Hourly Standby _____ EM Tool Successful _____
 Final Shut-In 689 Mileage 410 80.50 Accessibility _____
 Final Hydrostatic 1849 Sampler _____ Gas Sample _____
 T- On Location 09:46 Straddle _____ Sub Total 0
 Initial Flow 30 T-Started 10:00 Shale Packer _____ Total 1880.50
 Initial Shut-In 30 T-Open 11:38 Extra Packer _____ Tool Loaded _____ @ _____
 Final Flow 30 T-Pulled 13:38 Extra Recorder _____ MP/DST Disc't _____
 Final Shut-In 30 T-Out 15:13 Day Standby _____

Comments _____

Approved By _____ Our Representative DW Downing

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **70364**

Well Name & No. Schoenthaler #5 Test No. 3 Date 4/19/23
 Company Brown, Rodney dba MIT oil Elevation 2254 KB 2246 GL
 Address 115 3rd St PO Box 112 Gorchow, KS 67640
 Co. Rep / Geo Al Downing Rig Discovery Rig #4
 Location: Sec. 27 Twp 12S Rge. 21W Co. Trego State KS

Interval Tested 3926-3940 Zone Tested Arbuckle
 Anchor Length 14 Drill Pipe Run 3887 Mud Wt. 9.0
 Top Packer Depth 3921 Drill Collars Run 30 Vis 53
 Bottom Packer Depth 3926 Wt. Pipe Run 0 WL 5.8
 Total Depth 3940 Chlorides 3800 ppm System LCM 1#

Blow Description IF- Built to 4 1/2"
S12- No return
FF- Built to 4"
S12- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>53</u>	<u>60</u>	<u>7</u>	<u>93</u>		
<u>41</u>	<u>60CM</u>	<u>5</u>	<u>20</u>		<u>75</u>
	<u>30' GIP</u>				

Rec Total 94' BHT 117 Gravity 32 API RW @ _____ °F Chlorides _____ ppm
 Initial Hydrostatic 1981 Test 1800 Ruined Shale Packer _____
 Initial Flow 19 to 39 Jars _____ Ruined Packer _____
 Initial Shut-In 1109 Circ Sub _____ Hotel _____
 Final Flow 44 to 56 Hourly Standby _____ EM Tool Successful -350
 Final Shut-In 1093 Mileage 46 80.50 Accessibility _____
 Final Hydrostatic 1816 Sampler _____ Gas Sample _____
 T- On Location 00:02 Straddle _____ Sub Total -350
 Initial Flow 30 T-Started 00:44 Shale Packer _____ Total 1530.50
 Initial Shut-In 45 T-Open 02:41 Extra Packer _____ Tool Loaded @ _____
 Final Flow 45 T-Pulled 05:41 Extra Recorder _____ MP/DST Disc't _____
 Final Shut-In 66 T-Out 07:38 Day Standby _____

Comments _____

Approved By _____ Our Representative Dusty

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.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

No. **3521**

Phone 785-483-1071

Cell 785-324-1041

Date	4/13/23	Sec.	27	Twp.	12	Range	27	County	TREGO	State	KS	On Location		Finish	4:15pm
------	---------	------	----	------	----	-------	----	--------	-------	-------	----	-------------	--	--------	--------

Location *R. 99 1/4 W 1/2 E*

Lease *SCHOETHALER* Well No. *5*

Contractor *Discovery*

Type Job *SURFACE*

Hole Size *12 1/8*

Csg. *8 5/8*

Tbg. Size

Tool

Cement Left in Csg. *1S*

Meas Line

Well No. *5*

T.D. *223*

Depth

Depth

Depth

Depth

Shoe Joint

Displace *13 1/4*

EQUIPMENT

Pumptrk	<i>16</i>	No.	Cementer	<i>Bill</i>
			Helper	
Bulktrk		No.	Driver	<i>JORDAN</i>
			Driver	
Bulktrk	<i>14</i>	No.	Driver	<i>ROSS</i>
			Driver	

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.

Charge To *MJT OIL*

Street

City

State

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

Cement Amount Ordered *1500y 50/20 3-2*

Common *120*

Poz. Mix *30*

Gel. *3*

Calcium *6*

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Set

Cent w/ 150 y

Pump plug w/ 13 1/2 bbls

Cent Tid Circ

Hulls

Salt

Flowseal

Kol-Seal

Mud CLR 48

CFL-117 or CD110 CAF 38

Sand

Handling *159*

Mileage

FLOAT EQUIPMENT

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Pumptrk Charge *Surface*

Mileage *51*

Tax

Discount

Total Charge

X Signature *Ryan Jarrell*

Thanks

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. **3655**

Date	4-20-23	Sec.	27	Twp.	12	Range	21	County	Trego	State	Ks	On Location		Finish	9:00 AM
Lease	Schoenthaler			Well No.	5			Location	Riga 1.3 N, 1/4 E, 5/16						
Contractor	Discovery #4			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.										
Type Job	Bottom Stage			Charge To	MST Oil										
Hole Size	7 7/8"			T.D.	4025'			Street							
Csg.	5 1/2" 15.50#			Depth	4025'			City	State						
Tbg. Size				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Tool	DU Tool			Depth	1646' #58			Cement Amount Ordered	150 Com 10% Salt 5% Gibsonite						
Cement Left in Csg.	43.63'			Shoe Joint	4363'			500 gal mud Clear - 20 BLS KCZ							
Meas Line				Displace	H2O / mud			Common	150						
EQUIPMENT															
Pumptrk	16	No.	Cement Helper	Tim	Rick										
Bulktrk	14	No.	Driver	Bryant											
Bulktrk	21	No.	Driver	Corey											
JOB SERVICES & REMARKS															
Remarks:				Halls	KCL 2 gal										
Rat Hole				Salt	14										
Mouse Hole				Flowseal											
Centralizers	1, 3, 5, 7, 9			Kol-Seal	800 #										
Baskets	12, 58, 77			Mud CLR	48										
DA or Port Collar	1646' - #58			CFL-117 or CD110 CAF	38										
pipe on bottom break Circulation				Sand											
pump 500 gal mud Clear, pump				Handling	172										
10 BLS KCZ, mix 150 5x				Mileage											
Cement, shut down wash pump				FLOAT EQUIPMENT											
+ 1 line Displacer plug w/ 55 1/2				Guide Shoe	DU Tool										
BLS of H2O, 39 BLS of mud				Centralizer	5										
94 3/4 total				Baskets	3										
lift pressure 700 #				AFU Inserts											
Land plug to 1500 #,				Float Shoe	1										
open tool 800 #.				Latch Down	1										
								Pumptrk Charge	prod string			Bottom stage			
								Mileage	51						
								Thanks							
								Tax							
								Discount							
								Total Charge							
Signature								Rope Jack							

OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

No. **3656**

Date 1-20-23		Sec. 27	Twp. 12	Range 21	County Trego	State KS	On Location	Finish 10:30 AM
Lease Schoenthaler					Well No. 5		Location Riga - 1.3 N, 1/4 E, 5th	
Contractor Discovery #4					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.			
Type Job Top stage					Charge To MIT oil			
Hole Size 5 1/2"					T.D. Depth 4025'		Street	
Csg. DU Tool					Depth 1646'		City State	
Cement Left in Csg.					Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.	
Meas Line					Displace 39 BUS		Cement Amount Ordered 325 80/20 QMDC 1/4# Flowseal	
EQUIPMENT					Common 325 80/20 QMDC			
Pumptrk	16	No.	Cementer	Tim	Poz. Mix			
Bulktrk	21	No.	Driver	Cofey	Gel.			
Bulktrk	P.U.	No.	Driver	Rick	Calcium			
JOB SERVICES & REMARKS					Hulls			
Remarks:					Salt			
Rat Hole 30 SX					Flowseal 100#			
Mouse Hole 15 SX					Kol-Seal			
Centralizers					Mud CLR 48			
Baskets					CFL-117 or CD110 CAF 38			
DA or Port Collar 1646' #58					Sand			
open tool @ 800#, Break Circulation					Handling 325			
plug Rat + mouseholes. Cement					Mileage			
1 3/4" w/ 280 SX QMDC. Shut down					FLOAT EQUIPMENT			
wash pump + lines. Displaced					Guide Shoe			
plug w/ 39 BUS H2O.					Centralizer			
Lift pressure 700#.					Baskets			
Closed tool w/ 1500#.					AFU Inserts			
Cement did Circulate.					Float Shoe			
					Latch Down			
					Pumptrk Charge prod string			
					Mileage 51			
Signature Ryan Goss					Tax			
					Discount			
					Total Charge			

Thanks