

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
--	---

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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
--	---	---

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

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	VELMA B 2-14
Doc ID	1671685

Tops

Name	Top	Datum
Top Anhydrite	1694'	+616
Base Anhydrite	1742'	+568
Topeka	3345'	-1035
Heebner	3567'	-1257
Toronto	3591'	-1281
LKC	3602'	-1292
BKC	3840'	-1530
Marmaton	3906'	-1596
Arbuckle	3951'	-1641

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. 3145

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-6-23	14	12	21	TREGO	Ks		6:15 pm

Location Ellis 2 1/2 N 3 W 1 1/2 N

Lease	Well No.	Owner	
VELMA	2-14	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Contractor	Type Job	Charge To	
Discovery	SURFACE	DOWNING-NELSON	
Hole Size	T.D.	Street	
12 1/4	221		
Csg.	Depth	City	
8 3/8		State	
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
		Cement Amount Ordered 1500 8/20 3-2	
Cement Left in Csg.	Shoe Joint		

Meas Line	Displace	
	13	

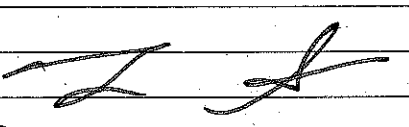
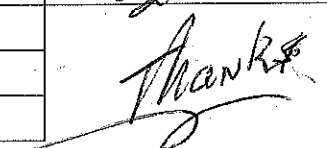
EQUIPMENT			Common
Pumptrk	No.	Cementor Helper	120
17		BILL	
Bulktrk	No.	Driver	Poz. Mix 30
		NICK	Gel. 3
Bulktrk	No.	Driver	Calcium 6
14		ROSS	

JOB SERVICES & REMARKS		Hulls
Remarks:		Salt
Rat Hole		Flowseal
Mouse Hole		Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand

pipe set @ 221
Cement w/ 1500
Pump plug w/ 13 bbl.
Cement did GIRL

Handling	159
Mileage	

FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge	Surface	Tax
Mileage	23	Discount
		Total Charge
		

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. 3255

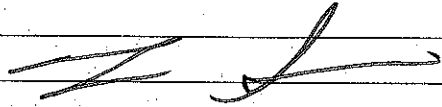
Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-14-22	14	12	21	TRIGO	Ks		11:30 PM

Location *Ellis 2 1/2 N 3 1/2 W 1 1/2 N*

Lease	Well No.	Owner	
<i>VELMA B</i>	<i>2-14</i>	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Contractor		Charge To	
<i>Discovery 2</i>		<i>Downing & Nelson</i>	
Type Job	T.D.	Street	
<i>PTA</i>	<i>4085</i>		
Hole Size	Depth	City	
<i>7 3/8</i>		State	
Csg.	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
		Cement Amount Ordered <i>3050y 60/110 4% Gel</i>	
Tbg. Size	Depth	Cement Line Displace <i>to FLO SEAL</i>	
		EQUIPMENT	
Tool	Depth	Common <i>183</i>	
		Poz. Mix <i>122</i>	
Cement Left in Csg.	Shoe Joint	Gel. <i>11</i>	
		Calcium	
Meas Line	Displace	Hulls	
		Salt	

EQUIPMENT		
Pumptrk	No.	Driver
<i>17</i>		<i>Bill</i>
Bulktrk	No.	Driver
		<i>JORDAN</i>
Bulktrk	No.	Driver
<i>21</i>		<i>TIM</i>

JOB SERVICES & REMARKS	
Remarks:	
Rat Hole <i>30</i>	Flowseal <i>75 lb</i>
Mouse Hole <i>15</i>	Kot-Seal
Centralizers	Mud CLR 48
Baskets	CFL-117 or CD110 CAF 38
DV or Port Collar	Sand
<i>3931 500y</i>	Handling <i>316</i>
<i>1750 500y</i>	Mileage
<i>950 1000y</i>	FLOAT EQUIPMENT
<i>275 500y</i>	Guide Shoe
<i>40 1000y</i>	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	<i>Plug & Wood</i>
	Pumptrk Charge <i>plug</i>
	Mileage <i>23</i>

X Signature 

Thanks 

Tax
Discount
Total Charge



DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Company Inc.**

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

Velma B #2-14

14-12S-21W Trego,KS

Start Date: 2022.10.10 @ 02:45:00

End Date: 2022.10.10 @ 09:25:00

Job Ticket #: 69843 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.10.17 @ 10:48:15

Downing Nelson Oil Company Inc.

14-12S-21W Trego,KS

Velma B #2-14

DST # 1

LKC A - C

2022.10.10



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69843

DST#: 1

ATTN: Marc Dow ning

Test Start: 2022.10.10 @ 02:45:00

GENERAL INFORMATION:

Formation: **LKC A - C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:54:15

Time Test Ended: 09:25:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Day

Unit No: 70

Interval: 3566.00 ft (KB) To 3652.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 3652.00 ft (KB) (TVD)

2302.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8652 Outside

Press@RunDepth: 192.44 psig @ 3567.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.10 End Date: 2022.10.10

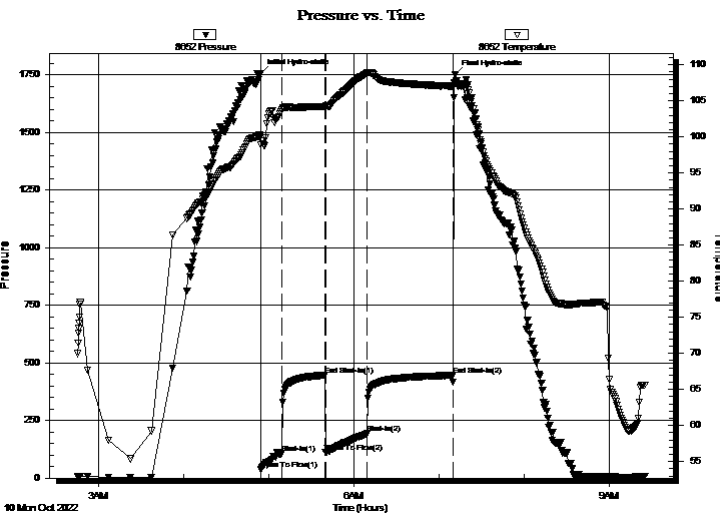
Last Calib.: 2022.10.10

Start Time: 02:45:05 End Time: 09:24:59

Time On Btm: 2022.10.10 @ 04:54:00

Time Off Btm: 2022.10.10 @ 07:11:15

TEST COMMENT: IF-15- BOB in 10 min, built to 16"
SI1-30- No return
FF-30- BOB in 15 min, built to 21 1/4"
SI2-60- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1755.65	100.17	Initial Hydro-static
1	37.29	98.90	Open To Flow (1)
15	107.82	103.75	Shut-In(1)
46	446.39	104.24	End Shut-In(1)
46	112.90	104.09	Open To Flow (2)
75	192.44	108.85	Shut-In(2)
136	445.61	107.05	End Shut-In(2)
138	1748.23	107.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
252.00	OSGMCW 5% gas 75% water 20% mud	3.26
83.00	VSOGCM 5% gas 2% oil 93% mud	1.16

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69843

DST#: 1

ATTN: Marc Dow ning

Test Start: 2022.10.10 @ 02:45:00

GENERAL INFORMATION:

Formation: **LKC A - C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:54:15

Time Test Ended: 09:25:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Day

Unit No: 70

Interval: 3566.00 ft (KB) To 3652.00 ft (KB) (TVD)

Total Depth: 3652.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2309.00 ft (KB)

2302.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 3567.00 ft (KB)

Start Date: 2022.10.10 End Date: 2022.10.10

Start Time: 02:45:05 End Time: 09:24:59

Capacity: 8000.00 psig

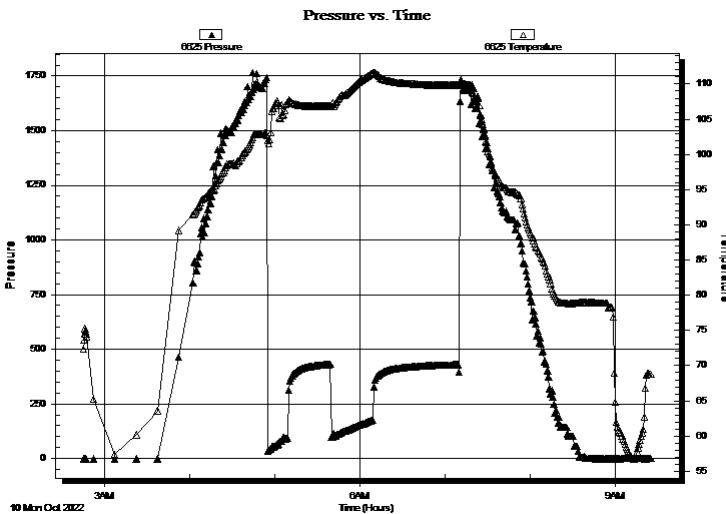
Last Calib.: 2022.10.10

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-15- BOB in 10 min, built to 16"
SI1-30- No return
FF-30- BOB in 15 min, built to 21 1/4"
SI2-60- No return

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
252.00	OSGMCW 5% gas 75% water 20% mud	3.26
83.00	VSOGCM 5% gas 2% oil 93% mud	1.16

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69843

DST#: 1

ATTN: Marc Dow ning

Test Start: 2022.10.10 @ 02:45:00

Tool Information

Drill Pipe:	Length: 3540.00 ft	Diameter: 3.80 inches	Volume: 49.66 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 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: 58000.00 lb
			<u>Total Volume: 49.81 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3566.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	86.00 ft			
Tool Length:	112.00 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			3541.00	
shut In Tool	5.00			3546.00	
hydraulic tool	5.00			3551.00	
EM Tool	3.00			3554.00	
safety Joint	3.00			3557.00	
Packer	5.00			3562.00	26.00 Bottom Of Top Packer
Packer	4.00			3566.00	
Stubb	1.00			3567.00	
Recorder	0.00	6625	Inside	3567.00	
Recorder	0.00	8652	Outside	3567.00	
perforations	16.00			3583.00	
change Over Sub	1.00			3584.00	
drill Pipe	63.00			3647.00	
change Over Sub	1.00			3648.00	
Bullnose	4.00			3652.00	86.00 Bottom Packers & Anchor

Total Tool Length: 112.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69843

DST#: 1

ATTN: Marc Downing

Test Start: 2022.10.10 @ 02:45:00

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:

21000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
252.00	OSGMCW 5% gas 75% water 20% mud	3.262
83.00	VSOGCM 5% gas 2% oil 93% mud	1.164

Total Length: 335.00 ft

Total Volume: 4.426 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

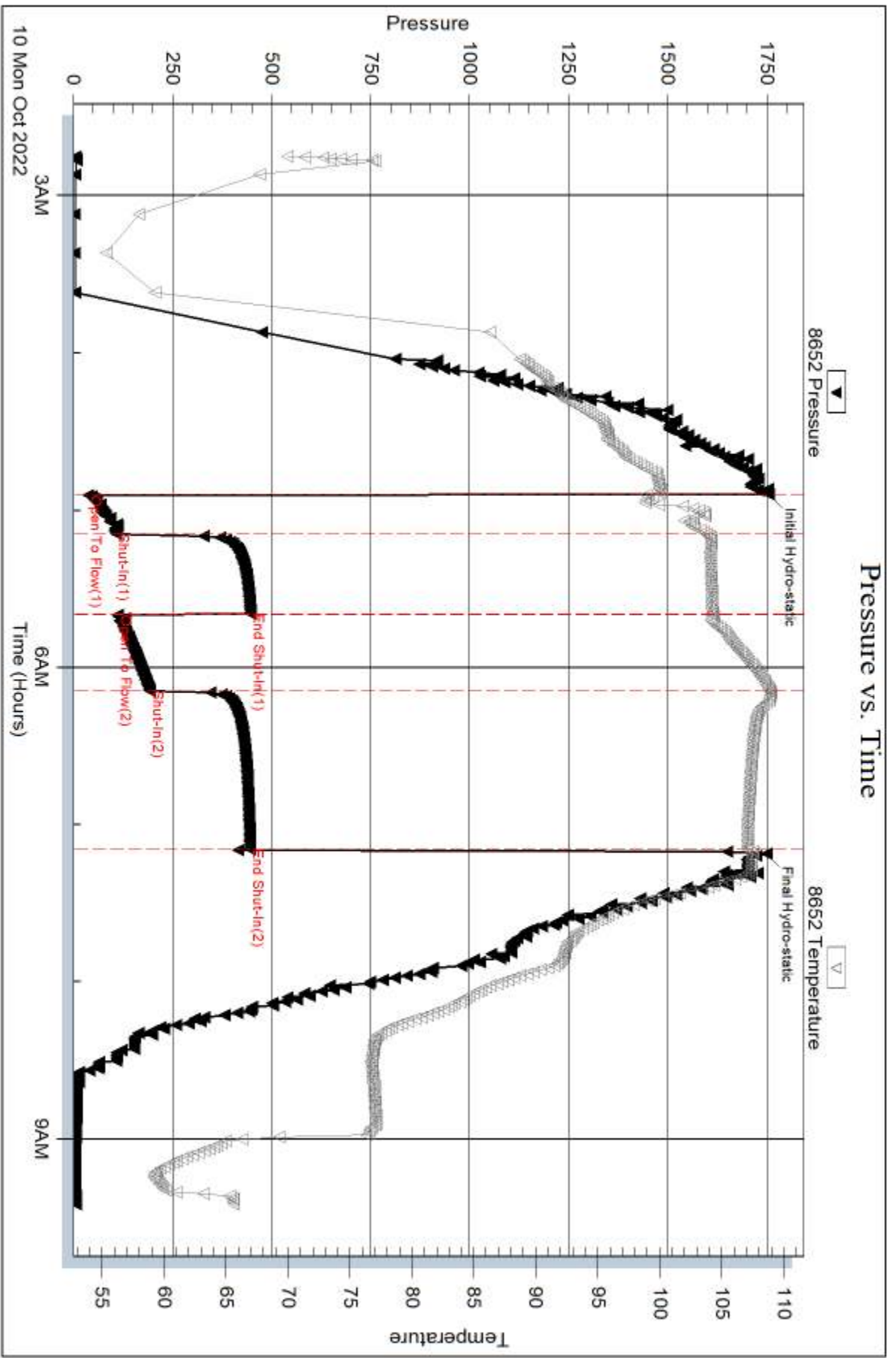
Recovery Comments: 2 1/2# LCM

Serial #: 8652

Outside Dow n ing Nelson Oil Company Inc.

Veina B#2-14

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 69843

Printed: 2022.10.17 @ 10:48:16

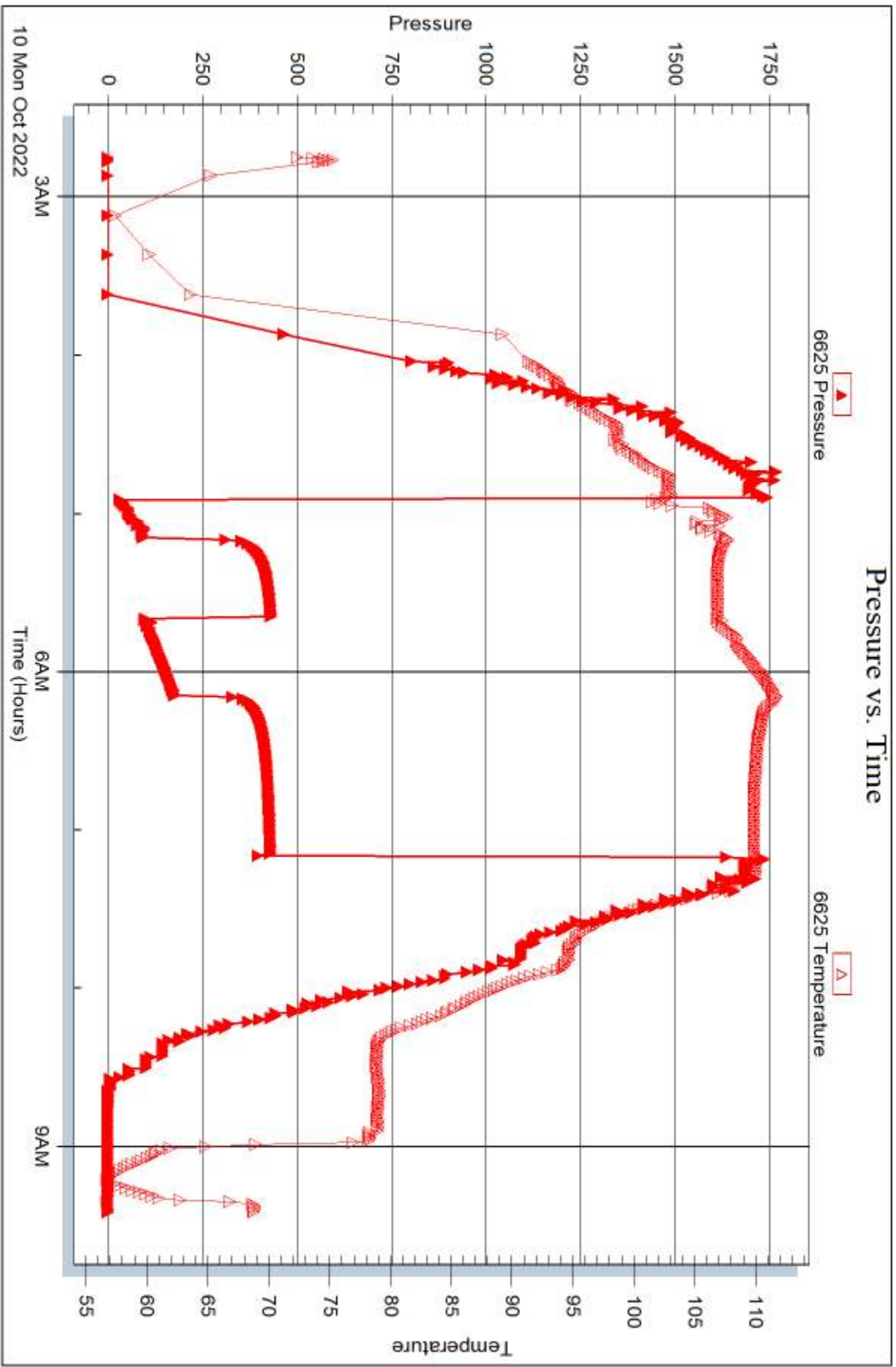
Serial #: 6625

Inside

Downing Nelson Oil Company Inc.

Veilna B#2-14

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Company Inc.**

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

Velma B #2-14

14-12S-21W Trego,KS

Start Date: 2022.10.10 @ 22:41:00

End Date: 2022.10.11 @ 04:13:30

Job Ticket #: 69844 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.10.17 @ 10:46:39



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69844

DST#: 2

ATTN: Marc Dow ning

Test Start: 2022.10.10 @ 22:41:00

GENERAL INFORMATION:

Formation: **LKC H - J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:23:15

Time Test Ended: 04:13:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3728.00 ft (KB) To 3800.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 3800.00 ft (KB) (TVD)

2302.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8652 Outside

Press@RunDepth: 37.19 psig @ 3729.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.10

End Date:

2022.10.11

Last Calib.: 2022.10.11

Start Time: 22:41:05

End Time:

04:13:29

Time On Btm: 2022.10.11 @ 00:22:15

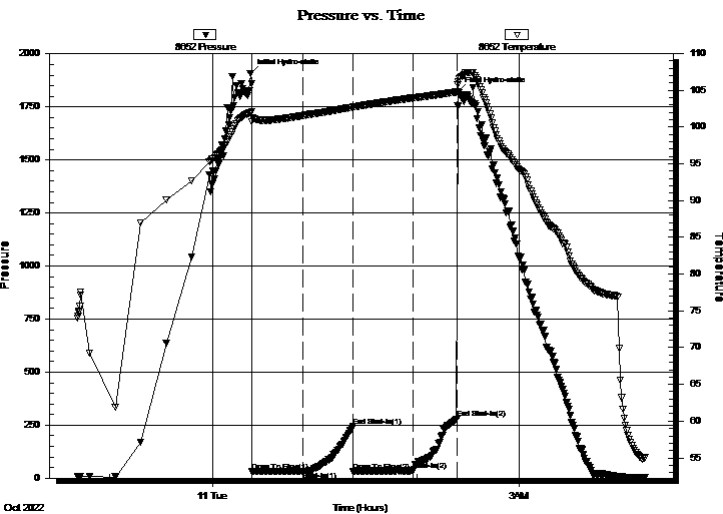
Time Off Btm: 2022.10.11 @ 02:24:00

TEST COMMENT: IF-30- Built to 3/4"

SI1-30- No return

FF-30- No Blow

SI2-30- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1908.66	101.97	Initial Hydro-static
1	30.92	100.68	Open To Flow (1)
31	32.55	101.53	Shut-In(1)
60	246.01	102.69	End Shut-In(1)
61	32.05	102.66	Open To Flow (2)
96	37.19	103.94	Shut-In(2)
121	280.70	104.75	End Shut-In(2)
122	1822.81	106.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%	0.02

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Dow ning Nelson Oil Company Inc.
 PO Box 1019
 Hays, KS 67601
 ATTN: Marc Dow ning

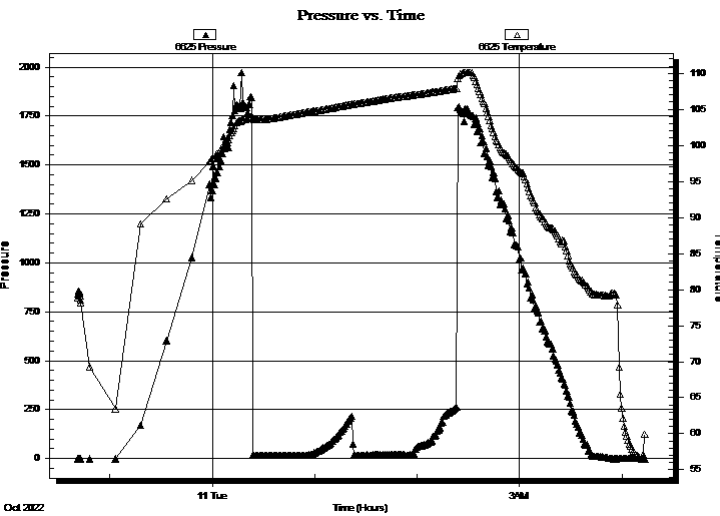
14-12S-21W Trego,KS
Velma B #2-14
 Job Ticket: 69844 **DST#: 2**
 Test Start: 2022.10.10 @ 22:41:00

GENERAL INFORMATION:

Formation: LKC H - J	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Dustin Day
Time Tool Opened: 00:23:15	Unit No: 70
Time Test Ended: 04:13:30	Reference Elevations: 2309.00 ft (KB)
Interval: 3728.00 ft (KB) To 3800.00 ft (KB) (TVD)	2302.00 ft (CF)
Total Depth: 3800.00 ft (KB) (TVD)	KB to GR/CF: 7.00 ft
Hole Diameter: 7.88 inches Hole Condition: Good	

Serial #: 6625	Inside	Capacity: 8000.00 psig
Press@RunDepth: psig @ 3729.00 ft (KB)	Start Date: 2022.10.10	End Date: 2022.10.11
Start Time: 22:41:05	End Time: 04:13:29	Last Calib.: 2022.10.11
		Time On Btm:
		Time Off Btm:

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



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69844

DST#: 2

ATTN: Marc Dow ning

Test Start: 2022.10.10 @ 22:41:00

Tool Information

Drill Pipe:	Length: 3697.00 ft	Diameter: 3.80 inches	Volume: 51.86 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 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: 52.01 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3728.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	72.00 ft			
Tool Length:	98.00 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			3703.00	
shut In Tool	5.00			3708.00	
hydraulic tool	5.00			3713.00	
EM Tool	3.00			3716.00	
safety Joint	3.00			3719.00	
Packer	5.00			3724.00	26.00 Bottom Of Top Packer
Packer	4.00			3728.00	
Stubb	1.00			3729.00	
Recorder	0.00	6625	Inside	3729.00	
Recorder	0.00	8652	Outside	3729.00	
perforations	2.00			3731.00	
change Over Sub	1.00			3732.00	
drill Pipe	63.00			3795.00	
change Over Sub	1.00			3796.00	
Bullnose	4.00			3800.00	72.00 Bottom Packers & Anchor

Total Tool Length: 98.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69844

DST#: 2

ATTN: Marc Downing

Test Start: 2022.10.10 @ 22:41:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

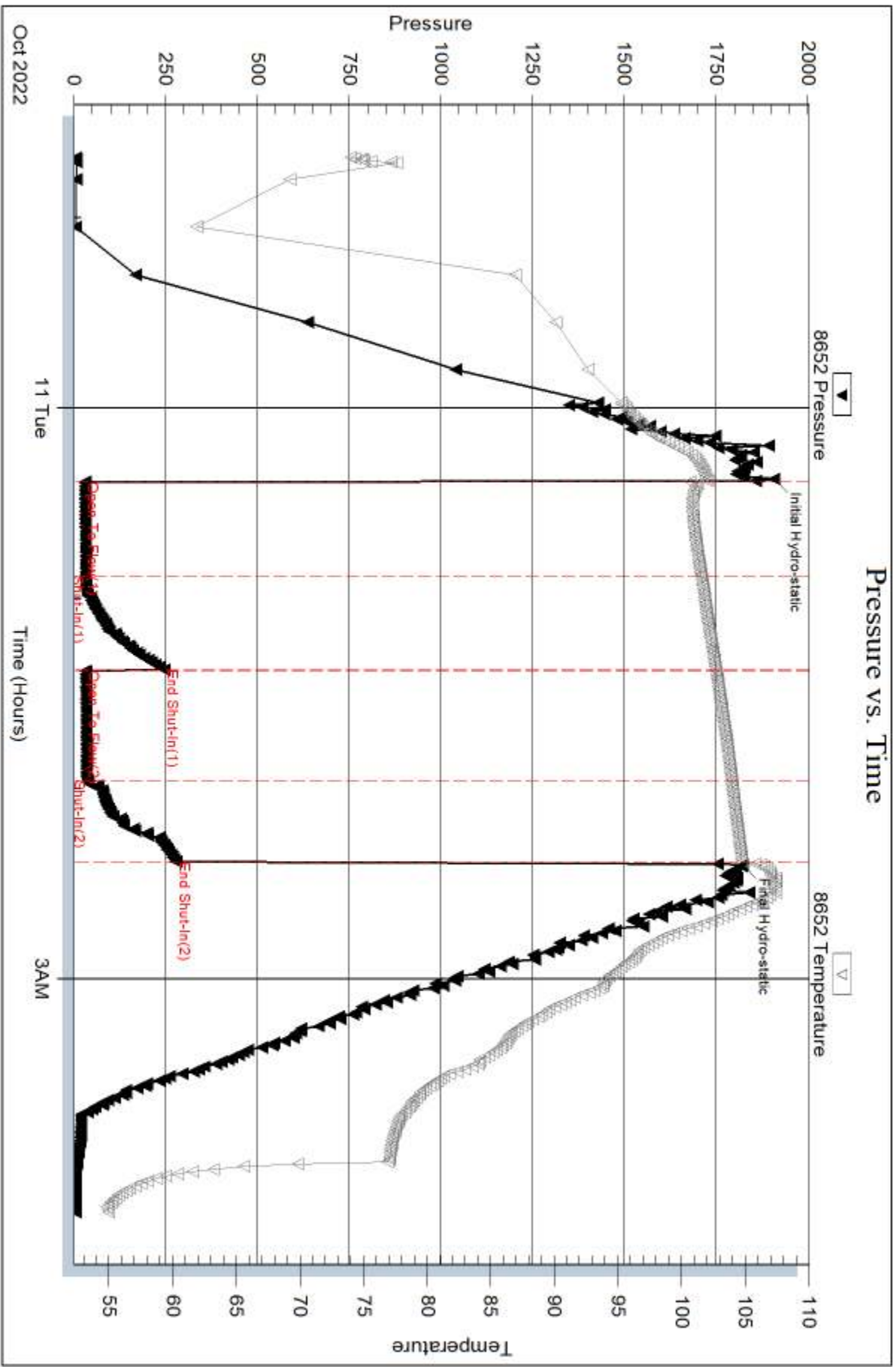
Recovery Comments: 2# LCM

Serial #: 8652

Outside Dow n ing Nelson Oil Company Inc.

Velma B#2-14

DST Test Number: 2



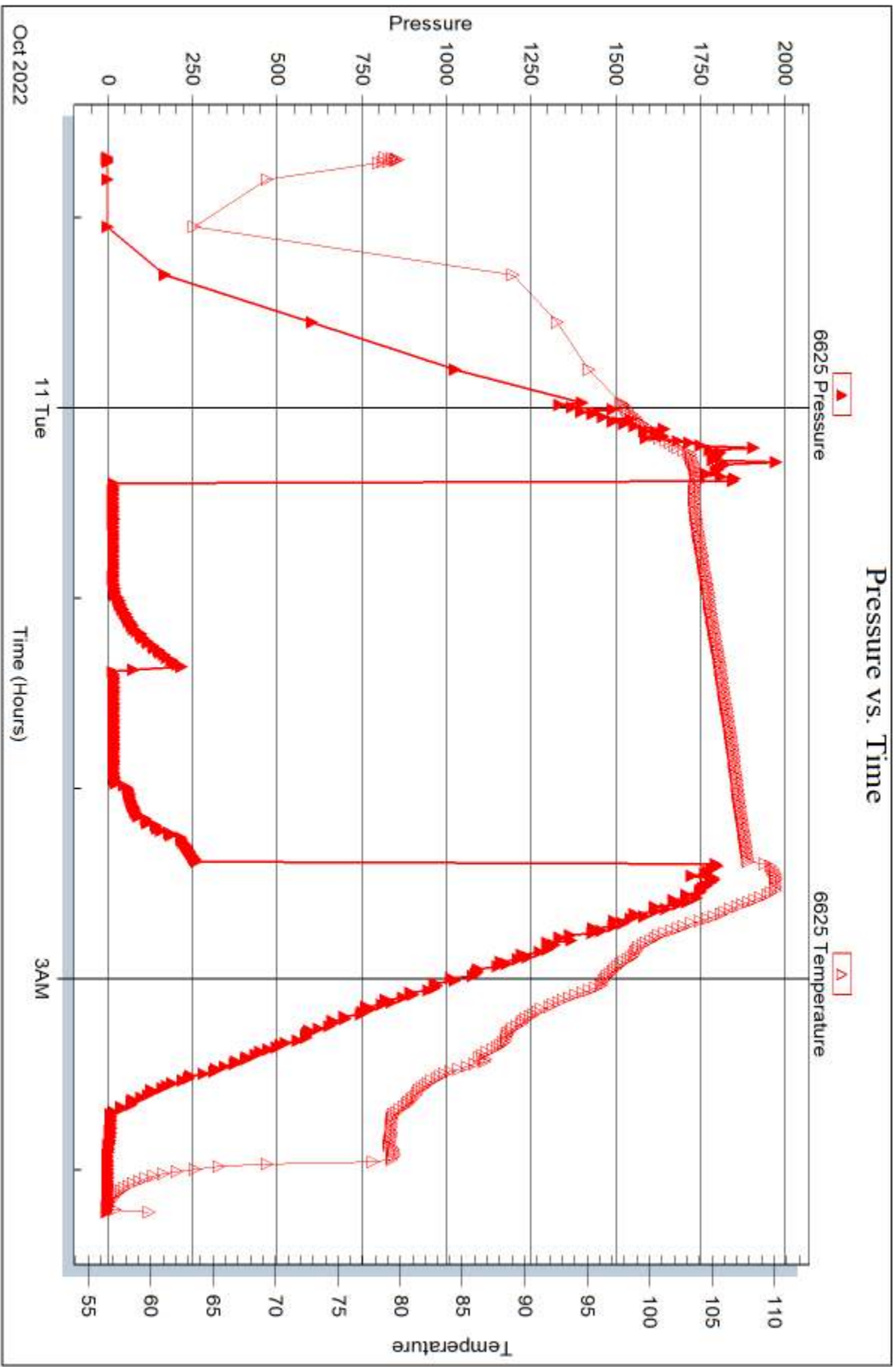
Serial #: 6625

Inside

Downing Nelson Oil Company Inc.

Veilna B#2-14

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 69844

Printed: 2022.10.17 @ 10:46:40



DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Company Inc.**

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

Velma B #2-14

14-12S-21W Trego,KS

Start Date: 2022.10.11 @ 18:09:00

End Date: 2022.10.11 @ 23:59:00

Job Ticket #: 69845 DST #: 3

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

Printed: 2022.10.17 @ 10:42:11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Downing Nelson Oil Company Inc.

14-12S-21W Trego, KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69845

DST#: 3

ATTN: Marc Downing

Test Start: 2022.10.11 @ 18:09:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:10:45

Time Test Ended: 23:59:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3913.00 ft (KB) To 3930.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 3930.00 ft (KB) (TVD)

2302.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 7.00 ft

Serial #: 8652 Outside

Press@RunDepth: 37.98 psig @ 3914.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.11 End Date: 2022.10.11

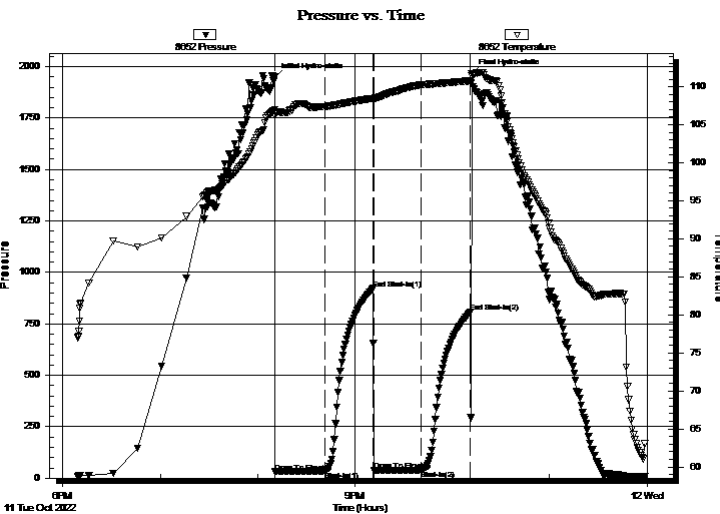
Last Calib.: 2022.10.12

Start Time: 18:09:05 End Time: 23:58:59

Time On Btm: 2022.10.11 @ 20:10:30

Time Off Btm: 2022.10.11 @ 22:12:00

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1948.30	107.00	Initial Hydro-static
1	30.27	106.20	Open To Flow (1)
31	35.13	107.38	Shut-In(1)
61	920.87	108.46	End Shut-In(1)
61	36.22	108.27	Open To Flow (2)
91	37.98	110.23	Shut-In(2)
121	805.17	110.78	End Shut-In(2)
122	1967.36	111.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% oil spots in tool	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Downing Nelson Oil Company Inc.

14-12S-21W Trego, KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69845

DST#: 3

ATTN: Marc Downing

Test Start: 2022.10.11 @ 18:09:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:10:45

Time Test Ended: 23:59:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3913.00 ft (KB) To 3930.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 3930.00 ft (KB) (TVD)

2302.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 7.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 3914.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.11

End Date:

2022.10.11

Last Calib.:

2022.10.12

Start Time: 18:09:05

End Time:

23:58:59

Time On Btm:

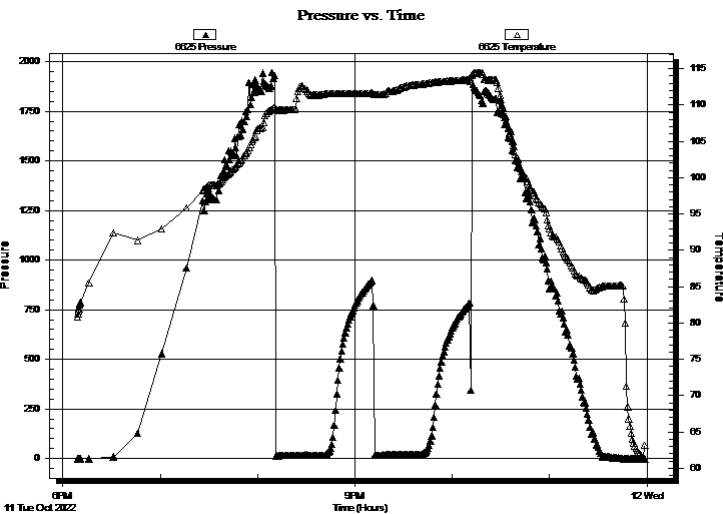
Time Off Btm:

TEST COMMENT: IF-30- Built to 1/2"

SI1-30- No return

FF-30- No blow

SI2-30- No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% oil spots in tool	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69845

DST#: 3

ATTN: Marc Downing

Test Start: 2022.10.11 @ 18:09:00

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: 0.00 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: 60000.00 lb
			<u>Total Volume: 54.67 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3913.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3888.00	
shut In Tool	5.00			3893.00	
hydraulic tool	5.00			3898.00	
EM Tool	3.00			3901.00	
safety Joint	3.00			3904.00	
Packer	5.00			3909.00	26.00 Bottom Of Top Packer
Packer	4.00			3913.00	
Stubb	1.00			3914.00	
Recorder	0.00	6625	Inside	3914.00	
Recorder	0.00	8652	Outside	3914.00	
perforations	12.00			3926.00	
Bullnose	4.00			3930.00	17.00 Bottom Packers & Anchor

Total Tool Length: 43.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69845

DST#: 3

ATTN: Marc Dow ning

Test Start: 2022.10.11 @ 18:09:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100% oil spots in tool	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

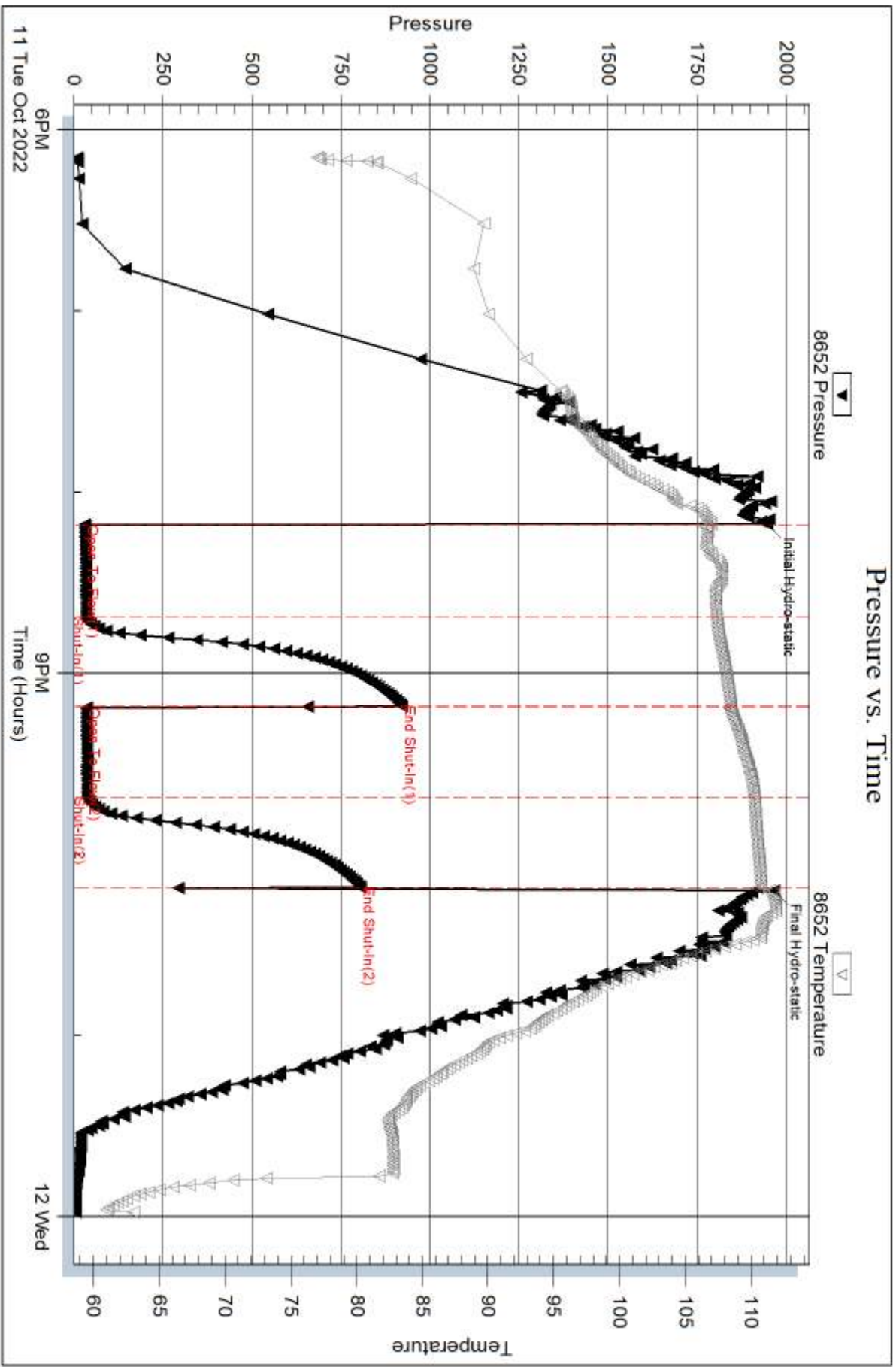
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1# LCM



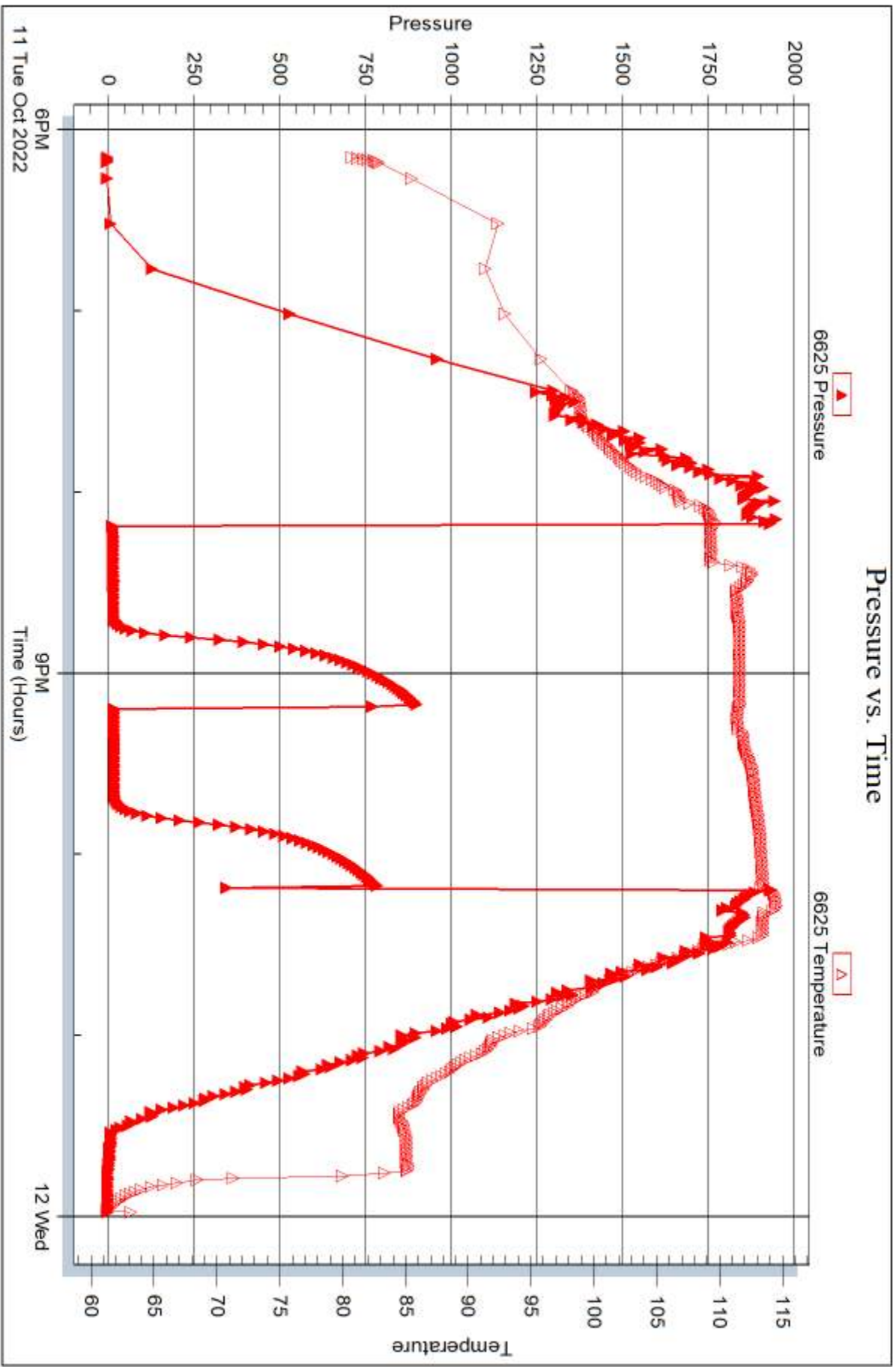
Serial #: 6625

Inside

Downing Nelson Oil Company Inc.

Veilna B#2-14

DST Test Number: 3



Tribble Testing, Inc

Ref. No: 69845

Printed: 2022.10.17 @ 10:42:12



DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Company Inc.**

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

Velma B #2-14

14-12S-21W Trego,KS

Start Date: 2022.10.12 @ 07:45:00

End Date: 2022.10.12 @ 14:45:00

Job Ticket #: 69846 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.10.17 @ 10:40:08



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dow ning Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69846

DST#: 4

ATTN: Marc Dow ning

Test Start: 2022.10.12 @ 07:45:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:32:15

Time Test Ended: 14:45:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3927.00 ft (KB) To 3964.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 3964.00 ft (KB) (TVD)

2302.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 6625 Inside

Press@RunDepth: 52.13 psig @ 3928.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.12 End Date: 2022.10.12

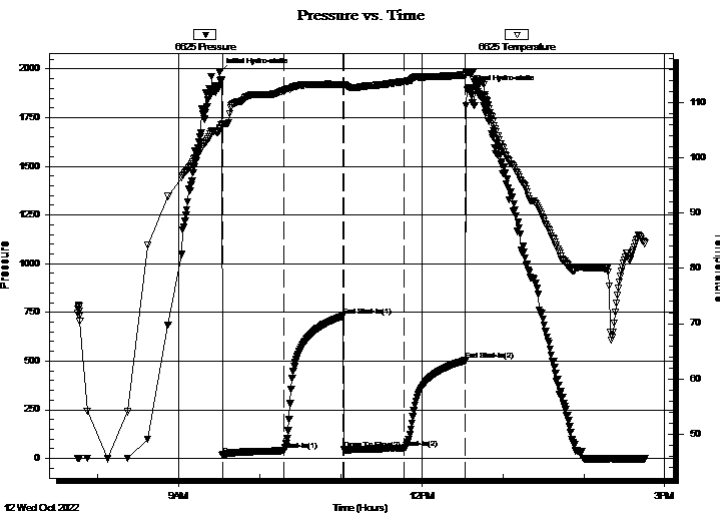
Last Calib.: 2022.10.12

Start Time: 07:45:05 End Time: 14:44:59

Time On Btm: 2022.10.12 @ 09:30:30

Time Off Btm: 2022.10.12 @ 12:33:45

TEST COMMENT: IF-45- Built to 8 3/4"
SI1-45- Surface return blow
FF-45- built to 6 3/4"
SI2-45- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1982.00	105.21	Initial Hydro-static
2	16.44	105.99	Open To Flow (1)
48	40.15	112.11	Shut-In(1)
92	731.00	113.26	End Shut-In(1)
92	44.69	113.21	Open To Flow (2)
137	52.13	113.74	Shut-In(2)
182	502.61	114.93	End Shut-In(2)
184	1893.74	115.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
53.00	GHOCM 10% gas 40% oil 50% mud	0.47
60.00	GO 10% gas 90% oil	0.84

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69846

DST#: 4

ATTN: Marc Dow ning

Test Start: 2022.10.12 @ 07:45:00

GENERAL INFORMATION:

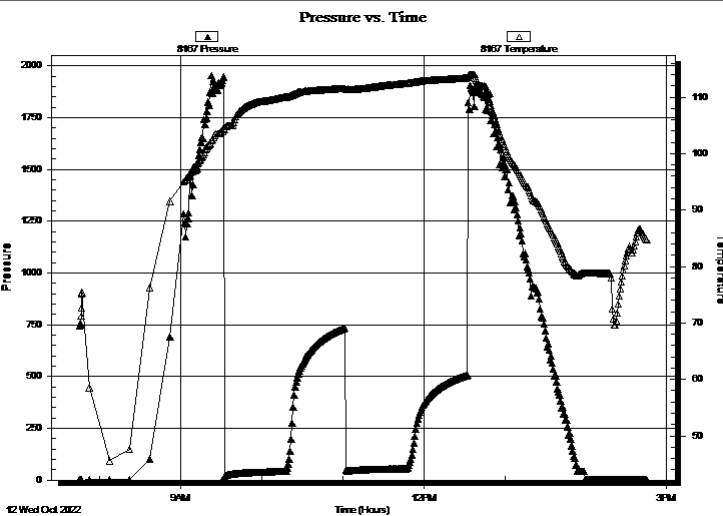
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 09:32:15
 Tester: Dustin Day
 Time Test Ended: 14:45:00
 Unit No: 70
 Interval: **3927.00 ft (KB) To 3964.00 ft (KB) (TVD)**
 Reference Elevations: 2309.00 ft (KB)
 Total Depth: 3964.00 ft (KB) (TVD)
 2302.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 7.00 ft

Serial #: 8167

Outside

Press@RunDepth: psig @ 3928.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.10.12 End Date: 2022.10.12 Last Calib.: 2022.10.12
 Start Time: 07:45:05 End Time: 14:44:59 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF-45- Built to 8 3/4"
 SI1-45- Surface return blow
 FF-45- built to 6 3/4"
 SI2-45- No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
53.00	GHOCM 10% gas 40% oil 50% mud	0.47
60.00	GO 10% gas 90% oil	0.84

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69846

DST#: 4

ATTN: Marc Downing

Test Start: 2022.10.12 @ 07:45:00

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: 0.00 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: 62000.00 lb
			<u>Total Volume: 54.67 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3927.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	63.00 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			3902.00	
shut In Tool	5.00			3907.00	
hydraulic tool	5.00			3912.00	
EM Tool	3.00			3915.00	
safety Joint	3.00			3918.00	
Packer	5.00			3923.00	26.00 Bottom Of Top Packer
Packer	4.00			3927.00	
Stubb	1.00			3928.00	
Recorder	0.00	6625	Inside	3928.00	
Recorder	0.00	8167	Outside	3928.00	
perforations	32.00			3960.00	
Bullnose	4.00			3964.00	37.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69846

DST#: 4

ATTN: Marc Downing

Test Start: 2022.10.12 @ 07:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
53.00	GHOCM 10% gas 40% oil 50% mud	0.470
60.00	GO 10% gas 90% oil	0.842

Total Length: 113.00 ft

Total Volume: 1.312 bbl

Num Fluid Samples: 0

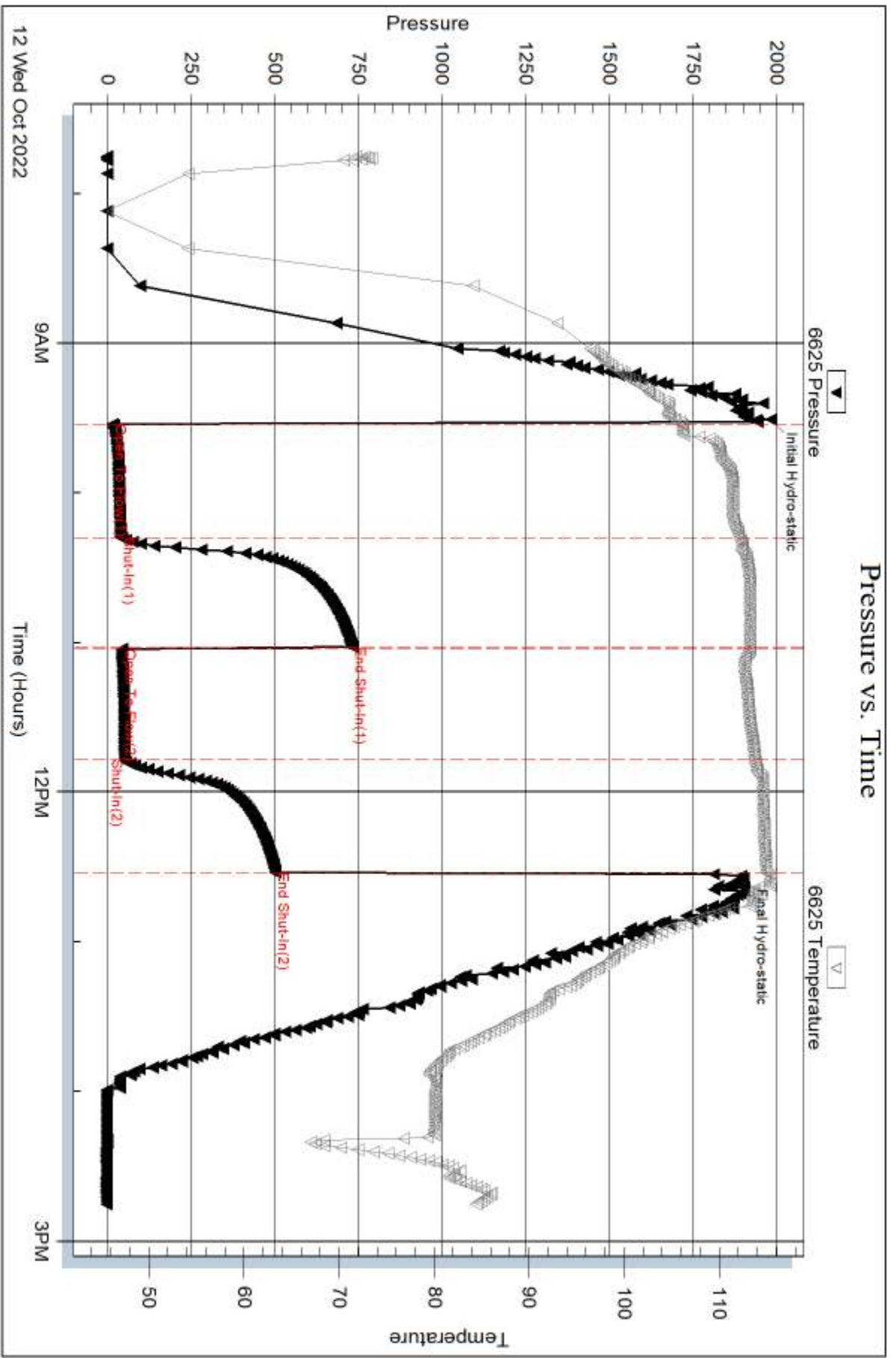
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1# LCM



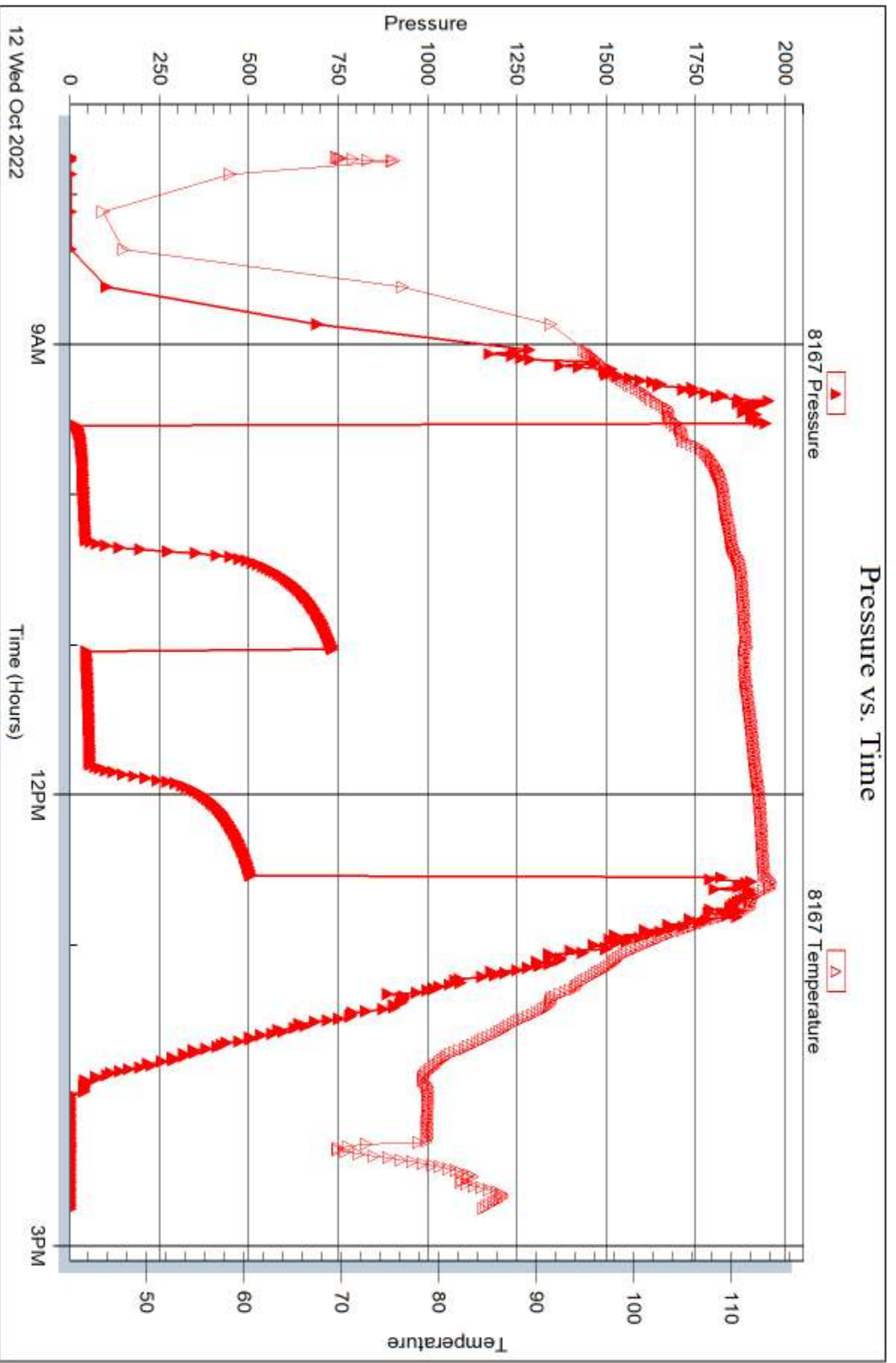
Serial #: 8167

Outside

Downing Nelson Oil Company Inc.

Velma B#2-14

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 69846

Printed: 2022.10.17 @ 10:40:09



DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Company Inc.**

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

Velma B #2-14

14-12S-21W Trego,KS

Start Date: 2022.10.12 @ 21:05:00

End Date: 2022.10.13 @ 03:51:00

Job Ticket #: 69847 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.10.17 @ 10:37:06



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69847

DST#: 5

ATTN: Marc Dow ning

Test Start: 2022.10.12 @ 21:05:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:58:00

Time Test Ended: 03:51:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3964.00 ft (KB) To 3977.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 3977.00 ft (KB) (TVD)

2302.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 6625 Inside

Press@RunDepth: 44.85 psig @ 3965.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.12

End Date:

2022.10.13

Last Calib.: 2022.10.13

Start Time: 21:05:05

End Time:

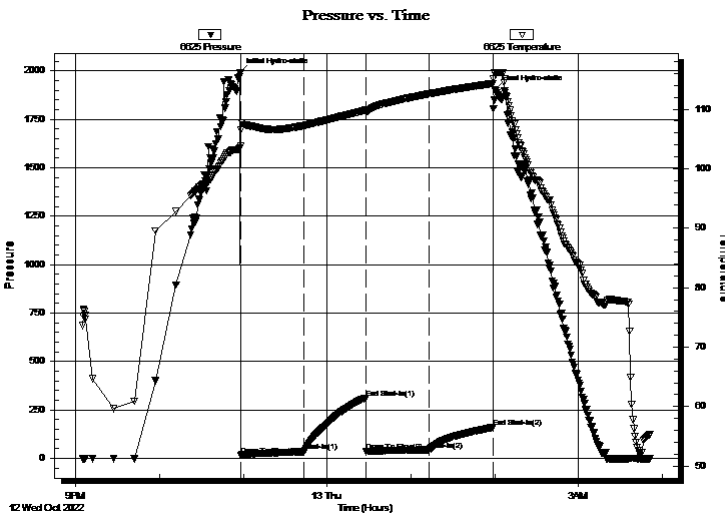
03:50:59

Time On Btm: 2022.10.12 @ 22:57:45

Time Off Btm: 2022.10.13 @ 02:00:15

TEST COMMENT: IF-45- Built to 8 3/4"
SI1-45- No return
FF-45- built to 4 1/2"
SI2-45- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1992.61	103.59	Initial Hydro-static
1	17.91	103.77	Open To Flow (1)
46	35.11	107.23	Shut-In(1)
90	312.13	109.83	End Shut-In(1)
91	37.42	109.74	Open To Flow (2)
136	44.85	112.57	Shut-In(2)
181	160.99	114.32	End Shut-In(2)
183	1902.95	115.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GHOCM 10% gas 35% oil 55% mud	0.15
63.00	GO 10% gas 90% oil	0.88
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

Dow ning Nelson Oil Company Inc.
 PO Box 1019
 Hays, KS 67601
 ATTN: Marc Dow ning

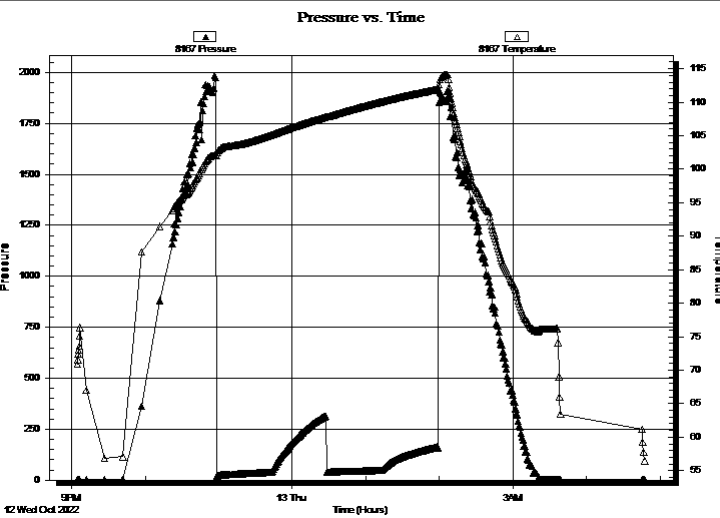
14-12S-21W Trego,KS
Velma B #2-14
 Job Ticket: 69847 **DST#: 5**
 Test Start: 2022.10.12 @ 21:05:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:58:00
 Time Test Ended: 03:51:00
 Interval: **3964.00 ft (KB) To 3977.00 ft (KB) (TVD)**
 Total Depth: 3977.00 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: 2309.00 ft (KB)
 2302.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8167 Outside
 Press@RunDepth: psig @ 3965.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.10.12 End Date: 2022.10.13 Last Calib.: 2022.10.13
 Start Time: 21:05:05 End Time: 04:47:44 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF-45- Built to 8 3/4"
 SI1-45- No return
 FF-45- built to 4 1/2"
 SI2-45- No return



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

Recovery		
Length (ft)	Description	Volume (bbl)
30.00	GHOCM 10% gas 35% oil 55% mud	0.15
63.00	GO 10% gas 90% oil	0.88
0.00	30' GIP	0.00

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69847

DST#: 5

ATTN: Marc Dow ning

Test Start: 2022.10.12 @ 21:05:00

Tool Information

Drill Pipe:	Length: 3919.00 ft	Diameter: 3.80 inches	Volume: 54.97 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 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: 62000.00 lb
			<u>Total Volume: 55.12 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3964.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	13.00 ft			
Tool Length:	39.00 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			3939.00	
shut In Tool	5.00			3944.00	
hydraulic tool	5.00			3949.00	
EM Tool	3.00			3952.00	
safety Joint	3.00			3955.00	
Packer	5.00			3960.00	26.00 Bottom Of Top Packer
Packer	4.00			3964.00	
Stubb	1.00			3965.00	
Recorder	0.00	6625	Inside	3965.00	
Recorder	0.00	8167	Outside	3965.00	
perforations	8.00			3973.00	
Bullnose	4.00			3977.00	13.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69847

DST#: 5

ATTN: Marc Downing

Test Start: 2022.10.12 @ 21:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	GHOCM 10% gas 35% oil 55% mud	0.148
63.00	GO 10% gas 90% oil	0.884
0.00	30' GIP	0.000

Total Length: 93.00 ft Total Volume: 1.032 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

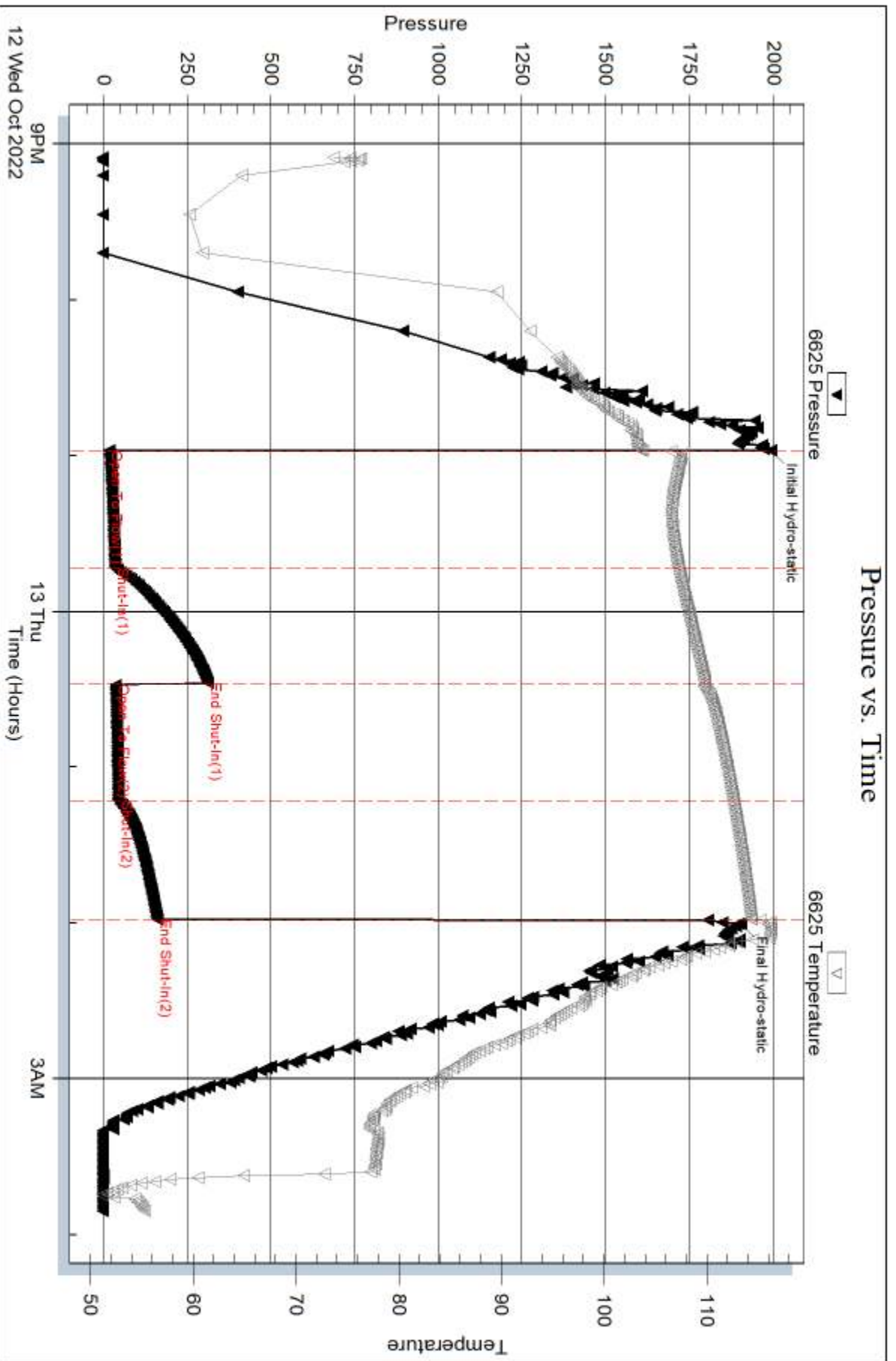
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

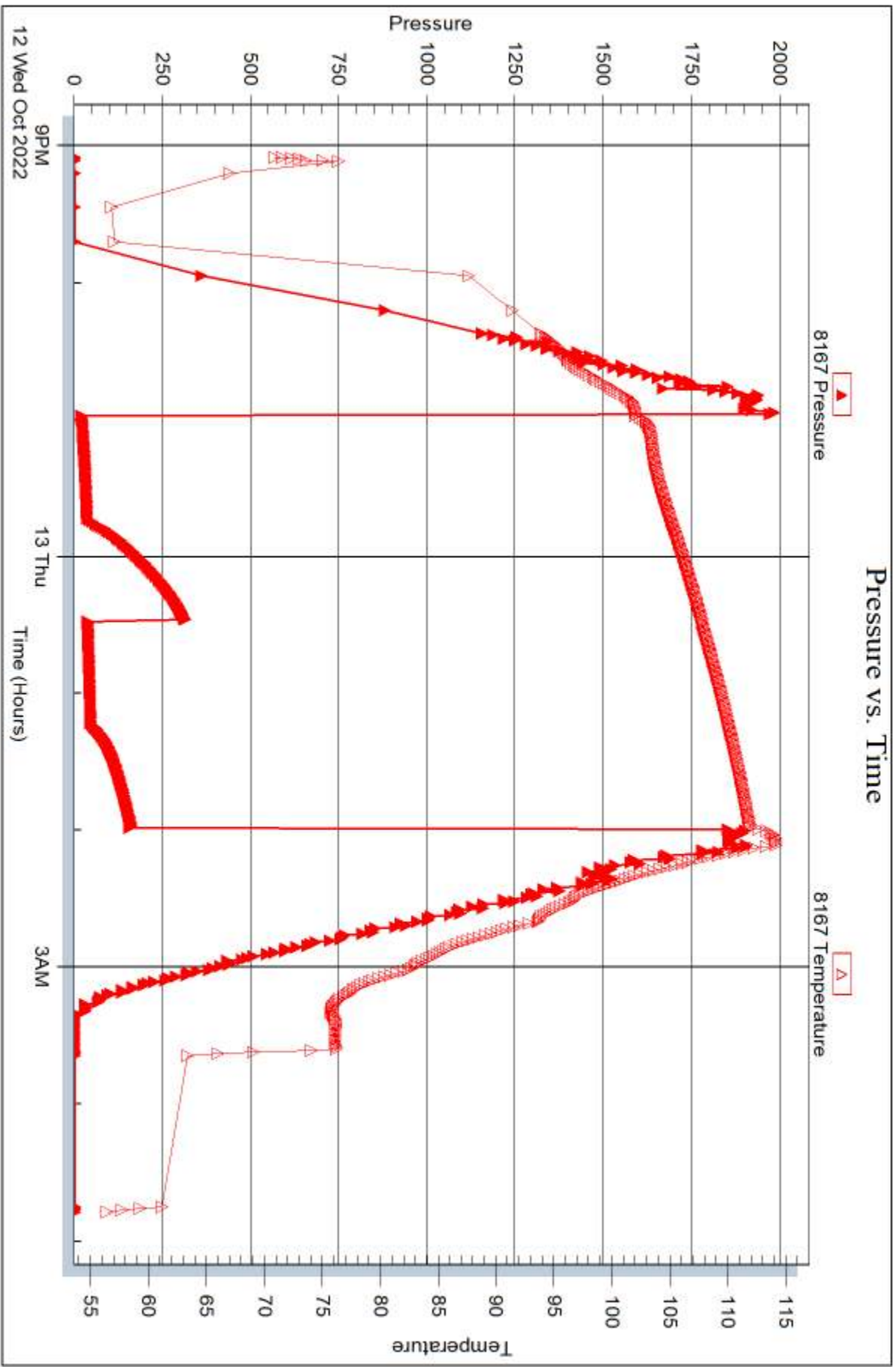


Serial #: 8167

Outside Dow n ing Nelson Oil Company Inc.

Velma B#2-14

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 69847

Printed: 2022.10.17 @ 10:37:09



DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Company Inc.**

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

Velma B #2-14

14-12S-21W Trego,KS

Start Date: 2022.10.13 @ 11:30:00

End Date: 2022.10.13 @ 17:45:30

Job Ticket #: 69848 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.10.17 @ 10:36:28



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Dow ning Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69848

DST#: 6

ATTN: Marc Dow ning

Test Start: 2022.10.13 @ 11:30:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:02:45

Time Test Ended: 17:45:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3977.00 ft (KB) To 4004.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 4004.00 ft (KB) (TVD)

2302.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 6625 Inside

Press@RunDepth: 38.82 psig @ 3978.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.13

End Date: 2022.10.13

Last Calib.: 2022.10.13

Start Time: 11:30:05

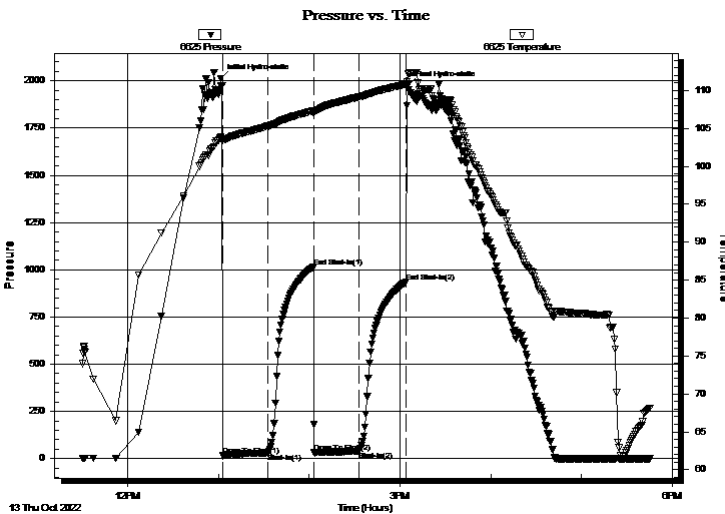
End Time: 17:45:29

Time On Btm: 2022.10.13 @ 13:01:15

Time Off Btm: 2022.10.13 @ 15:05:15

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

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2012.13	103.86	Initial Hydro-static
2	15.13	103.36	Open To Flow (1)
32	29.80	105.30	Shut-In(1)
62	1015.43	107.36	End Shut-In(1)
62	33.80	107.28	Open To Flow (2)
92	38.82	109.14	Shut-In(2)
123	935.68	110.83	End Shut-In(2)
124	1977.76	112.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GHMCO 5% GAS 55% OIL 40% MUD	0.15
45.00	GO 5% GAS 95% OIL	0.63

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69848

DST#: 6

ATTN: Marc Dow ning

Test Start: 2022.10.13 @ 11:30:00

Tool Information

Drill Pipe:	Length: 3951.00 ft	Diameter: 3.80 inches	Volume: 55.42 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 55.57 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3977.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	27.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3952.00	
shut In Tool	5.00			3957.00	
hydraulic tool	5.00			3962.00	
EM Tool	3.00			3965.00	
safety Joint	3.00			3968.00	
Packer	5.00			3973.00	26.00 Bottom Of Top Packer
Packer	4.00			3977.00	
Stubb	1.00			3978.00	
Recorder	0.00	6625	Inside	3978.00	
Recorder	0.00	8167	Outside	3978.00	
perforations	22.00			4000.00	
Bullnose	4.00			4004.00	27.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69848

DST#: 6

ATTN: Marc Downing

Test Start: 2022.10.13 @ 11:30:00

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: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GHMCO 5% GAS 55% OIL 40% MUD	0.148
45.00	GO 5% GAS 95% OIL	0.631

Total Length: 75.00 ft Total Volume: 0.779 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6625

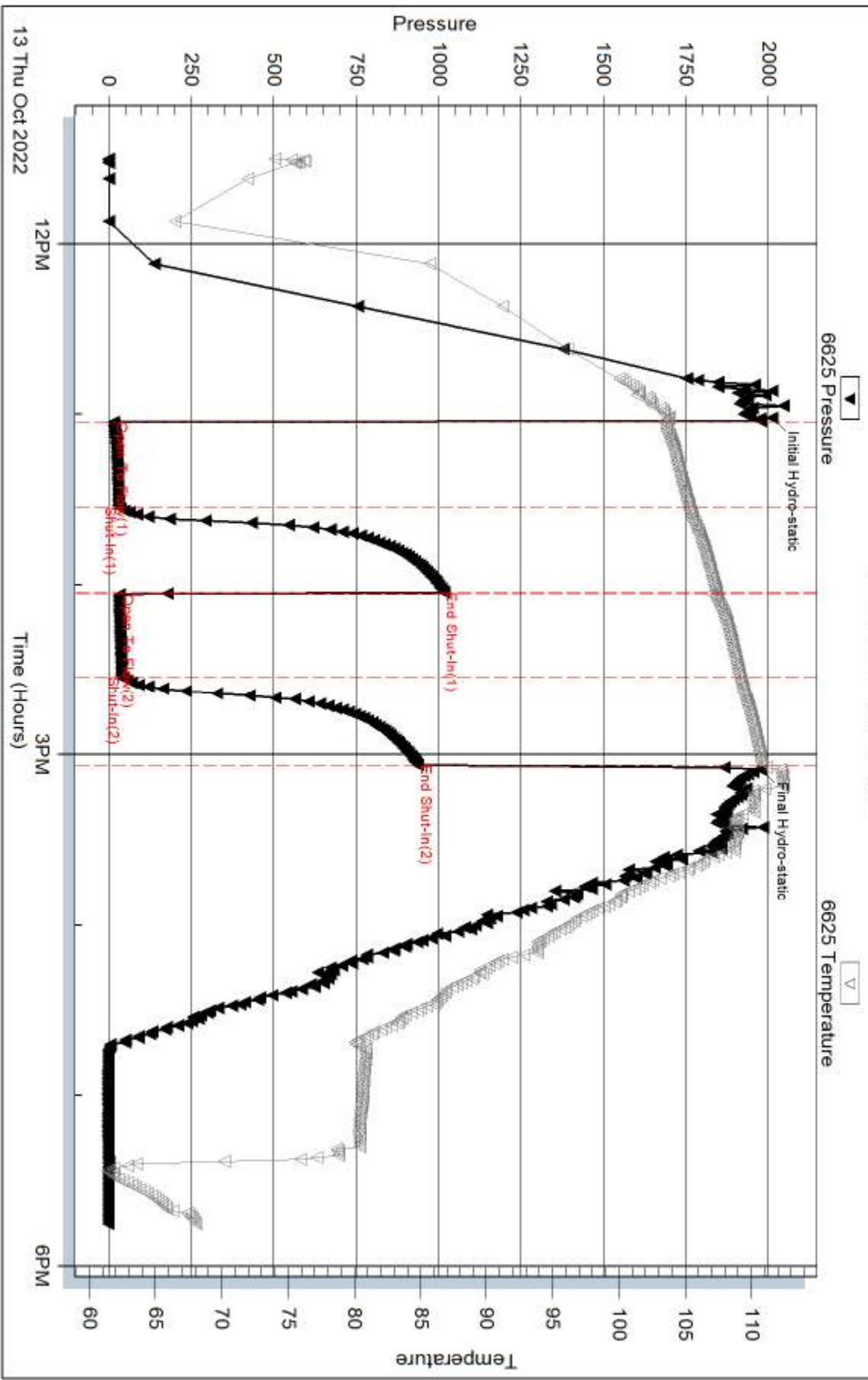
Inside

Downing Nelson Oil Company Inc.

Velma B#2-14

DST Test Number: 6

Pressure vs. Time



13 Thu Oct 2022

12PM

3PM

6PM

Trilobite Testing, Inc

Ref. No: 69848

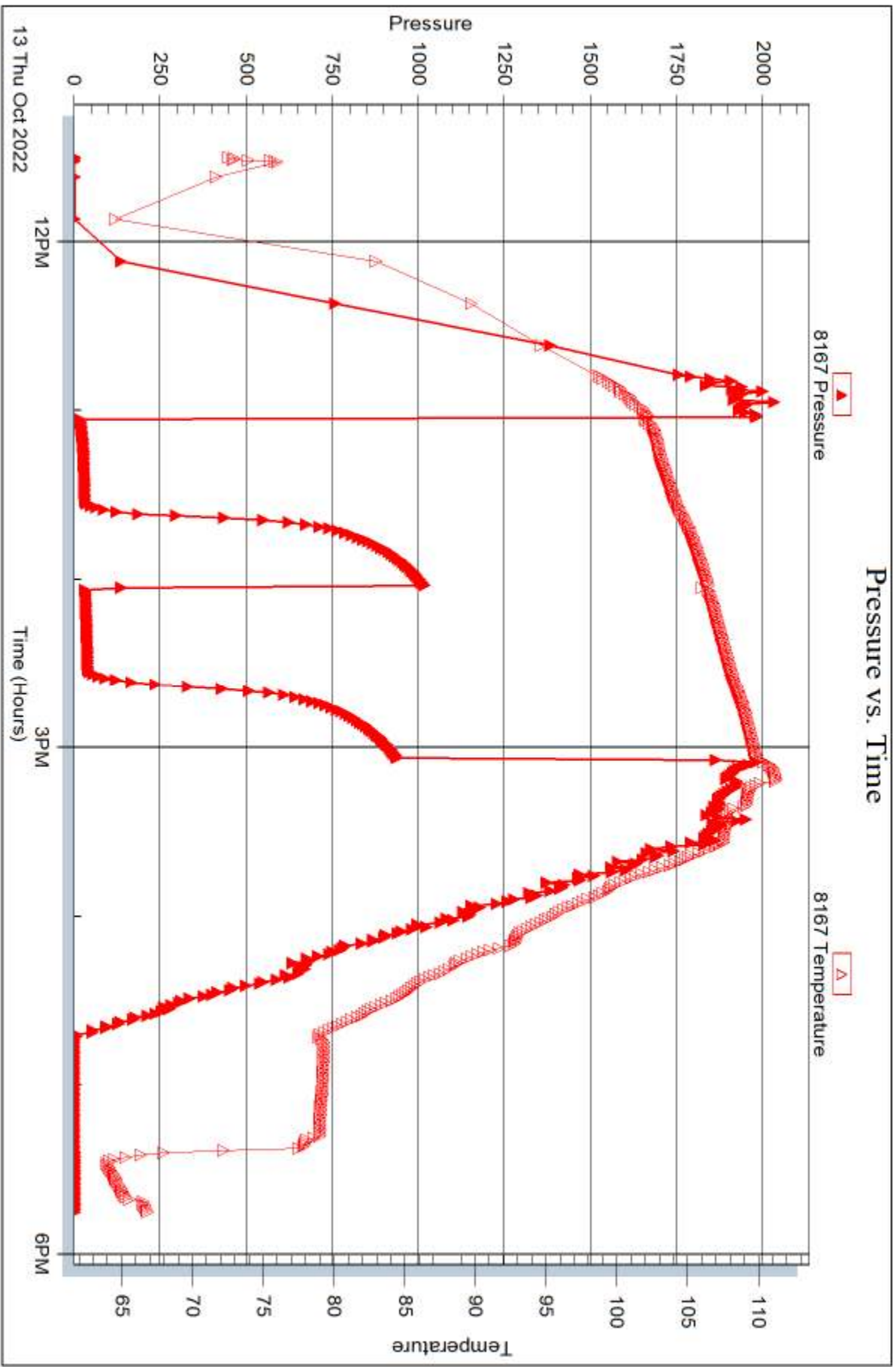
Printed: 2022.10.17 @ 10:36:29

Serial #: 8167

Outside Dow n ing Nelson Oil Company Inc.

Veilna B#2-14

DST Test Number: 6





DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Company Inc.**

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

Velma B #2-14

14-12S-21W Trego,KS

Start Date: 2022.10.14 @ 10:58:00

End Date: 2022.10.14 @ 15:55:45

Job Ticket #: 69849 DST #: 7

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.10.17 @ 10:35:55



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dow ning Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69849

DST#: 7

ATTN: Marc Dow ning

Test Start: 2022.10.14 @ 10:58:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:27:30

Time Test Ended: 15:55:45

Test Type: Conventional Straddle (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4004.00 ft (KB) To 4028.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 4085.00 ft (KB) (TVD)

2302.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8652 Outside

Press@RunDepth: 54.36 psig @ 4005.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.14

End Date:

2022.10.14

Last Calib.: 2022.10.14

Start Time: 10:58:05

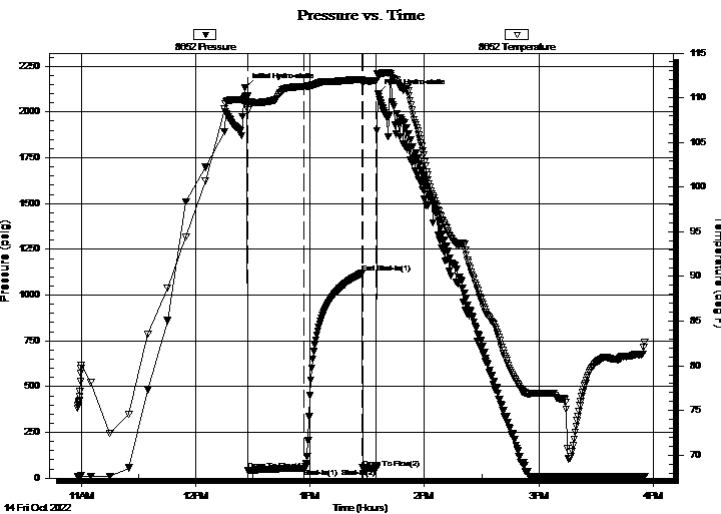
End Time:

15:55:44

Time On Btm: 2022.10.14 @ 12:26:00

Time Off Btm: 2022.10.14 @ 13:35:45

TEST COMMENT: IF-30- Built to 1 3/4"
SI1-30- No return
FF-WSB- Flush tool- WSB Pull tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2132.19	110.07	Initial Hydro-static
2	41.04	108.62	Open To Flow (1)
31	54.36	111.28	Shut-In(1)
62	1119.43	112.08	End Shut-In(1)
62	55.53	111.62	Open To Flow (2)
69	53.13	111.92	Shut-In(2)
70	2100.41	112.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	SOCM 5% oil 95% mud	0.29

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69849

DST#: 7

ATTN: Marc Downing

Test Start: 2022.10.14 @ 10:58:00

Tool Information

Drill Pipe:	Length: 3982.00 ft	Diameter: 3.80 inches	Volume: 55.86 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 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: 62000.00 lb
			<u>Total Volume: 56.01 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4004.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	4025.00 ft			
Interval between Packers:	21.00 ft			
Tool Length:	107.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Change Over Sub	1.00			3979.00	
shut In Tool	5.00			3984.00	
hydraulic tool	5.00			3989.00	
EM Tool	3.00			3992.00	
Safety Joint	3.00			3995.00	
Packer	5.00			4000.00	26.00 Bottom Of Top Packer
Packer	4.00			4004.00	
Stubb	1.00			4005.00	
Recorder	0.00	6625	Inside	4005.00	
Recorder	0.00	8652	Outside	4005.00	
perforations	19.00			4024.00	
Blank Off Sub	1.00			4025.00	
Packer	3.00			4028.00	21.00 Tool Interval
Packer	1.00			4029.00	
stubb	1.00			4030.00	
perforations	17.00			4047.00	
Change Over Sub	1.00			4048.00	
Recorder	0.00	8167	Below	4048.00	
Drill Pipe	32.00			4080.00	
change Over Sub	1.00			4081.00	
bullnose	4.00			4085.00	60.00 Bottom Packers & Anchor

Total Tool Length: 107.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Company Inc.

14-12S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Velma B #2-14

Job Ticket: 69849

DST#: 7

ATTN: Marc Downing

Test Start: 2022.10.14 @ 10:58:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: ppm

Viscosity: 56.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	SOCM 5% oil 95% 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:

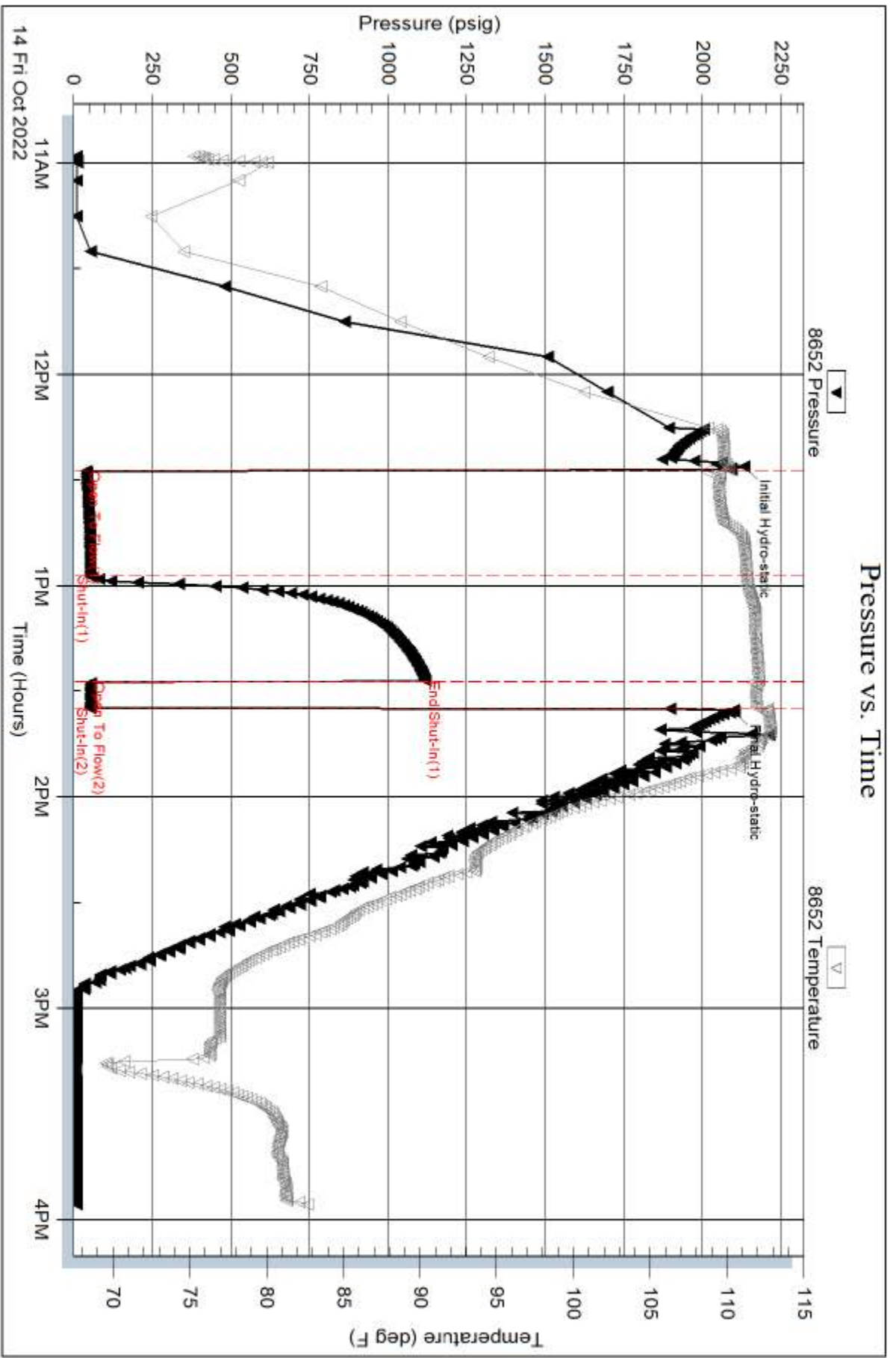
Recovery Comments: 3# LCM

Serial #: 8652

Outside Dow n ing Nelson Oil Company Inc.

Veilma B#2-14

DST Test Number: 7



Trilobe Testing, Inc

Ref. No: 69849

Printed: 2022.10.17 @ 10:35:56

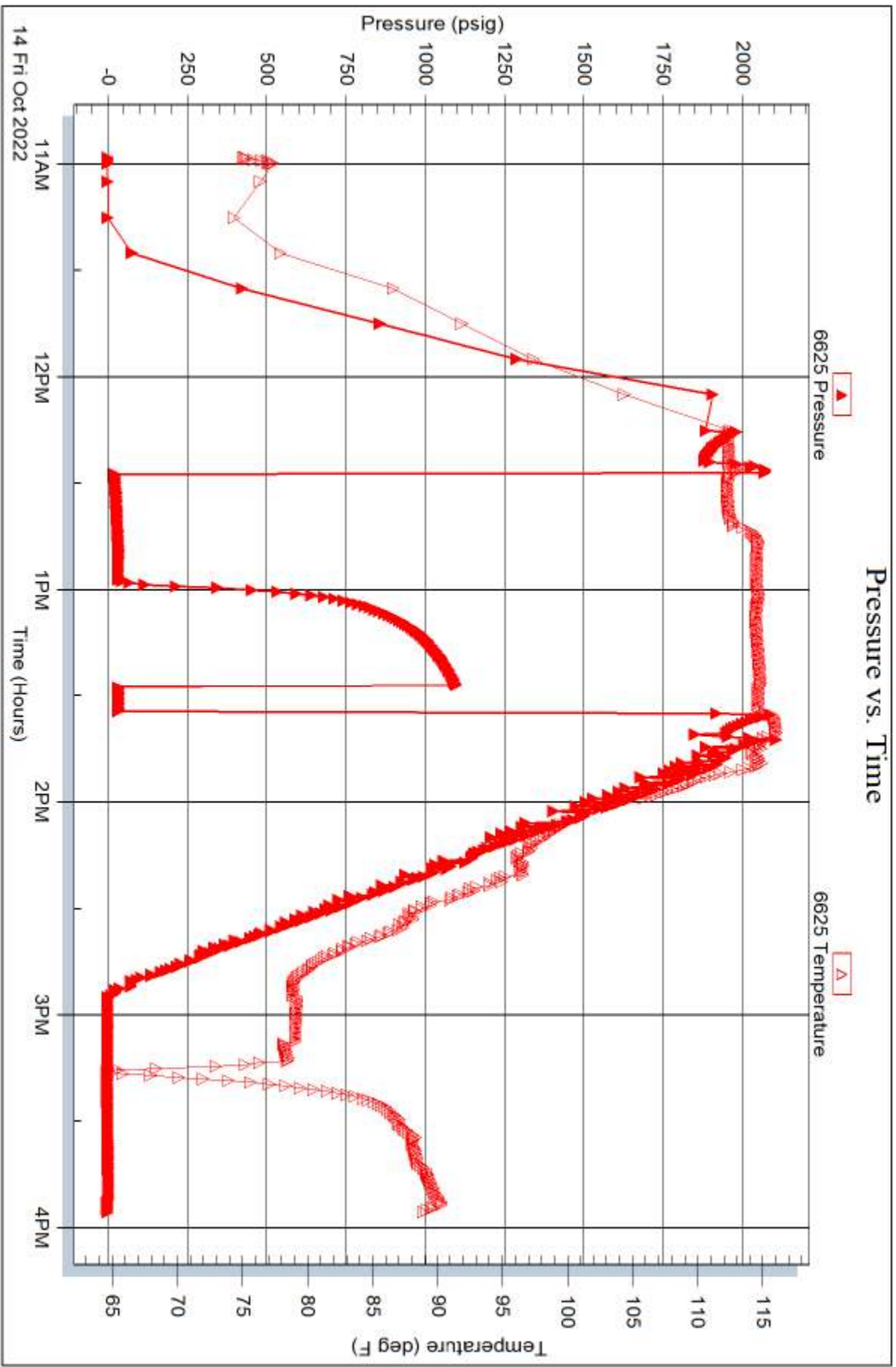
Serial #: 6625

Inside

Downing Nelson Oil Company Inc.

Veina B#2-14

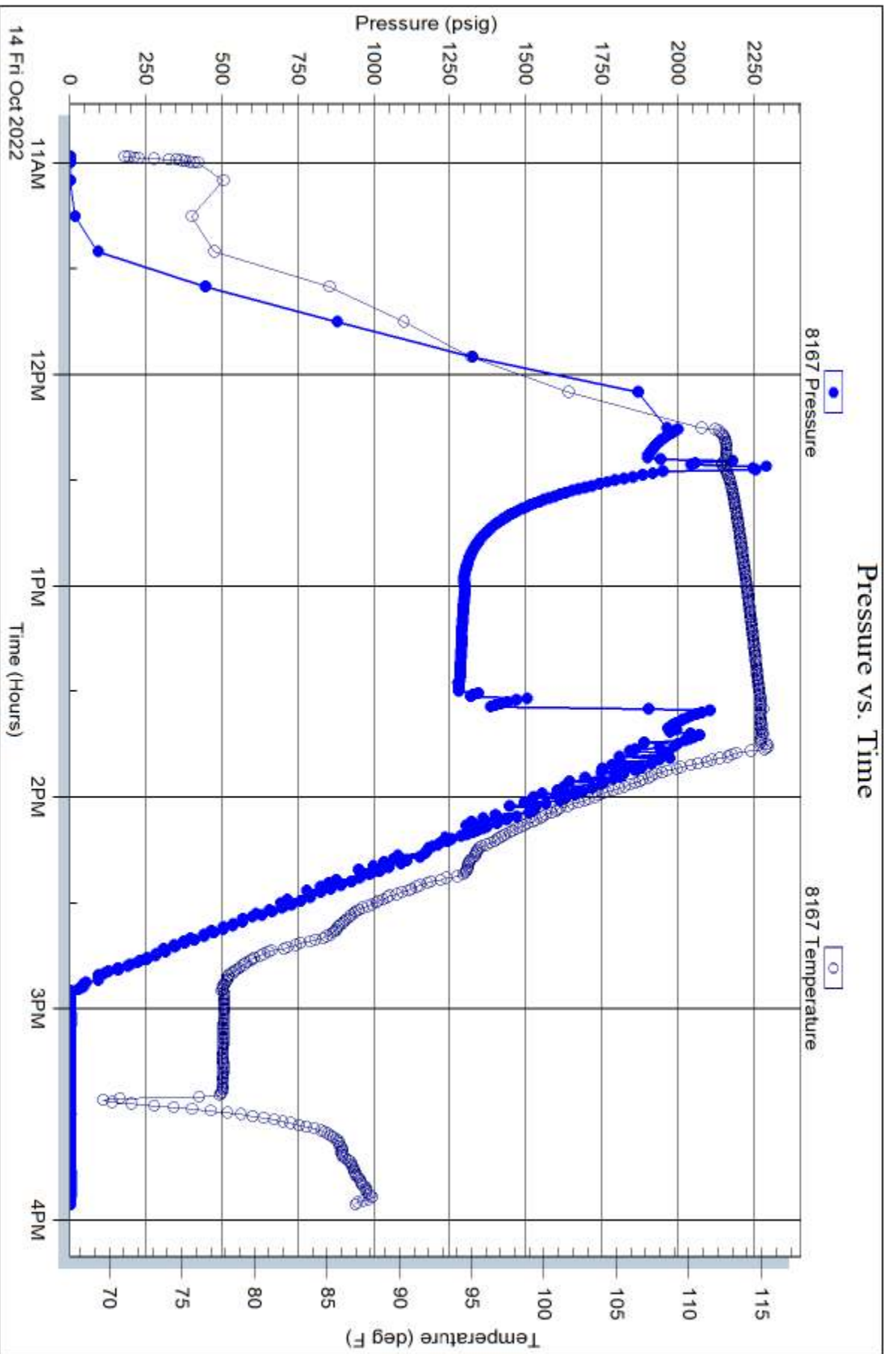
DST Test Number: 7

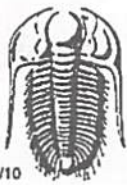


Tribble Testing, Inc

Ref. No: 69849

Printed: 2022.10.17 @ 10:35:56





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **69843**

Well Name & No. Velma B# 2-14 Test No. 1 Date 10/10/22
 Company Downing Nelson Oil Comp Inc Elevation 2309 KB 2302 GL
 Address PO Box 1019 Hays, KS 67601
 Co. Rep / Geo. Marc Downing Rig Discovery Rig#2
 Location: Sec. 14 Twp 12S Rge. 2W Co. Trego State KS

Interval Tested 3566-3652 Zone Tested LKC A-C
 Anchor Length 86 Drill Pipe Run 3540 Mud Wt. 8.7
 Top Packer Depth 3561 Drill Collars Run 30 Vis 6.5
 Bottom Packer Depth 3566 Wt. Pipe Run φ WL 8.0
 Total Depth 3652 Chlorides 3000 ppm System LCM 2 1/2 #

Blow Description 1F-~~2000~~ 303 in 10 min. built to 16"
S14- No return
FF- 303 in 15 min. built to 2 1/4"
S12- No return

Rec	Feet of	%gas	%oil	%water	%mud
252	OSGmcw	5		75	20
83	USOGCM	5	2		93
		%gas	%oil	%water	%mud
		%gas	%oil	%water	%mud
		%gas	%oil	%water	%mud

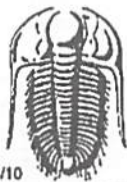
Rec Total 335 BHT 107 Gravity _____ API RW .41 @ 55 °F Chlorides 21000 ppm

(A) Initial Hydrostatic 1756 Test 1800 T-On Location 01:15
 (B) First Initial Flow 37 Jars _____ T-Started 02:45
 (C) First Final Flow 108 Safety Joint _____ T-Open 04:55
 (D) Initial Shut-In 446 Circ Sub N/A T-Pulled 07:10
 (E) Second Initial Flow 113 Hourly Standby _____ T-Out 09:24
 (F) Second Final Flow 192 Mileage 49 73.50 Comments _____
 (G) Final Shut-In 446 Sampler _____
 (H) Final Hydrostatic 1748 Straddle _____ EM Tool _____

Initial Open 15 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow 30 Extra Recorder _____ Extra Copies _____
 Final Shut-In 60 Day Standby _____ Sub Total 0
 Sub Total 1873.50 Accessibility _____ Total 1873.50
 MP/DST Disc't _____

Approved By _____ Our Representative D. J. P. D.

Tribolite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its 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. **69844**

4/10

Well Name & No. Velma B#2-14 Test No. 2 Date 10/10/22
 Company Downing Nelson Oil Comp Inc Elevation 2309 KB 2302 GL
 Address PO Box 1019 Hays, KS 67601
 Co. Rep / Geo. Marc Downing Rig Discovery Rig#2
 Location: Sec. 14 Twp 12S Rge. 21W Co. Trego State KS

Interval Tested 3728-3800 Zone Tested LKC H-J
 Anchor Length 72 Drill Pipe Run 3697 Mud Wt. 9.2
 Top Packer Depth 3723 Drill Collars Run 30 Vis 53
 Bottom Packer Depth 3728 Wt. Pipe Run ∅ WL 8.0
 Total Depth 3800 Chlorides 4000 ppm System LCM 2#

Blow Description IF Built to 3/4"
S14- No return
FF- No blow
S12- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>mud</u>				<u>100%</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 Total 5' BHT 100e Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1909 Test 1800 T-On Location 21:30
 (B) First Initial Flow 31 Jars _____ T-Started 22:41
 (C) First Final Flow 33 Safety Joint _____ T-Open 00:23
 (D) Initial Shut-In 246 Circ Sub n/A T-Pulled 02:23
 (E) Second Initial Flow 32 Hourly Standby _____ T-Out 04:14
 (F) Second Final Flow 37 Mileage 49 73.50 Comments _____
 (G) Final Shut-In 281 Sampler _____
 (H) Final Hydrostatic 1823 Straddle _____ EM Tool _____

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow 30 Extra Recorder _____ Extra Copies _____
 Final Shut-In 30 Day Standby _____ Sub Total 0
 Sub Total 1873.50 Accessibility _____ Total 1873.50
 MP/DST Disc't _____

Approved By _____ Our Representative DUSTY

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its 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.



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **69845**

Well Name & No. Velma B#2-14 Test No. 3 Date 10/11/22
 Company Downing Nelson Oil Corp Inc Elevation 2309 KB 2302 GL
 Address PO Box 1019 Hays, KS 67601
 Co. Rep / Geo. Marc Downing Rig Discovery Rig#2
 Location: Sec. 14 Twp 12s Rge. 21w Co. Trego State KS

Interval Tested 3913-3930 Zone Tested Marmaton
 Anchor Length 17 Drill Pipe Run 3887 Mud Wt. 9.4
 Top Packer Depth 3908 Drill Collars Run 30 Vis 53
 Bottom Packer Depth 3913 Wt. Pipe Run Ø WL 7.6
 Total Depth 3930 Chlorides 5000 ppm System LCM 1#

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

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud w/ oil spots in tool</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

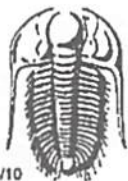
Rec Total 5' BHT 11 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1948</u>	<input checked="" type="checkbox"/> Test <u>1800</u>	T-On Location <u>17:05</u>
(B) First Initial Flow <u>30</u>	<input type="checkbox"/> Jars _____	T-Started <u>18:09</u>
(C) First Final Flow <u>35</u>	<input checked="" type="checkbox"/> Safety Joint _____	T-Open <u>20:00 20:11</u>
(D) Initial Shut-In <u>921</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/A</u>	T-Pulled <u>22:11</u>
(E) Second Initial Flow <u>36</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>23:59</u>
(F) Second Final Flow <u>38</u>	<input checked="" type="checkbox"/> Mileage <u>49</u> 73.50	Comments _____
(G) Final Shut-In <u>805</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1967</u>	<input type="checkbox"/> Straddle _____	<input checked="" type="checkbox"/> EM Tool _____

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>1873.50</u>
	Sub Total <u>1873.50</u>	MP/DST Disc't _____

Approved By _____ Our Representative Duff Doy

Tribolite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its 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. **69846**

Well Name & No. Velma B # 2-14 Test No. 4 Date 10/12/22
 Company Downing Nelson Oil Comp Inc Elevation 2309 KB 2302 GL
 Address PO Box 1019 Hays, KS 67601
 Co. Rep / Geo. Marc Downing Rig Discovery Rig #2
 Location: Sec. 14 Twp 12S Rge. 21W Co. Trego State KS

Interval Tested 3927-3964 Zone Tested Arbuckle
 Anchor Length 37 Drill Pipe Run 3887 Mud Wt. 9.4
 Top Packer Depth 3922 Drill Collars Run 30 Vis 53
 Bottom Packer Depth 3927 Wt. Pipe Run 0 WL 9.0
 Total Depth 3964 Chlorides 5000 ppm System LCM 1#

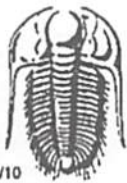
Blow Description IF- Built to 834"
SI1- Surface return
FF- Built to 634"
SI2- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>53</u>	<u>6100</u> <u>6100</u>	<u>10</u>	<u>40</u>	<u>50</u>	<u>50</u>
<u>60</u>	<u>60</u>	<u>10</u>	<u>90</u>		

Rec Total 113 BHT 115 Gravity 34 API RW @ ° F Chlorides ppm
 (A) Initial Hydrostatic 1982 Test 1800 T-On Location 07:05
 (B) First Initial Flow 16 Jars T-Started 07:45
 (C) First Final Flow 40 Safety Joint T-Open 09:32
 (D) Initial Shut-In 731 Circ Sub N/A T-Pulled 12:32
 (E) Second Initial Flow 45 Hourly Standby T-Out 14:45
 (F) Second Final Flow 52 Mileage 49 73.50 Comments
 (G) Final Shut-In 503 Sampler
 (H) Final Hydrostatic 1894 Straddle EM Tool
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies
 Day Standby Sub Total 0
 Accessibility Total 1873.50
 Sub Total 1873.50 MP/DST Disc't

Approved By Our Representative Dust Dx

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its 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.



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **69847**

Well Name & No. Velma B # 2-14 Test No. 5 Date 10/12-13/22
 Company Downing Nelson Oil Comp Inc Elevation 2309 KB 2302 GL
 Address PO Box 1019 Hays KS 67601
 Co. Rep / Geo. Marc Downing Rig Discovery Rig #2
 Location: Sec. 14 Twp 12S Rge. 21W Co. Trego State KS

Interval Tested 3964-3977 Zone Tested Arbuckle
 Anchor Length 13 Drill Pipe Run 3919 Mud Wt. 9.2
 Top Packer Depth 3959 Drill Collars Run 30 Vis 56
 Bottom Packer Depth 3964 Wt. Pipe Run Ø WL 8.0
 Total Depth 3977 Chlorides 5000 ppm System LCM 2 1/2 #

Blow Description IF Built to 8 3/4"
S12- no return
FF- Built to 4 1/2"
S12- no return

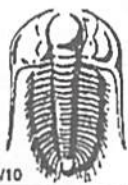
Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>61cm</u>	<u>10</u>	<u>35</u>		<u>55</u>
<u>63</u>	<u>90</u>	<u>10</u>	<u>90</u>		
	<u>30 GIP</u>				

Rec Total 93' BHT 116 Gravity 34 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic <u>1993</u>	<input checked="" type="checkbox"/> Test <u>1800</u>	T-On Location <u>20:25</u>
(B) First Initial Flow <u>18</u>	<input type="checkbox"/> Jars	T-Started <u>21:05</u>
(C) First Final Flow <u>35</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>22:58</u>
(D) Initial Shut-In <u>312</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/A</u>	T-Pulled <u>01:58</u>
(E) Second Initial Flow <u>37</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>03:51</u>
(F) Second Final Flow <u>45</u>	<input checked="" type="checkbox"/> Mileage <u>49</u> 73.50	Comments
(G) Final Shut-In <u>1161</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1903</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool
Initial Open <u>45</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1873.50</u>
	Sub Total <u>1873.50</u>	MP/DST Disc't

Approved By _____ Our Representative Duff Dy

Tribolite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its 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. **69848**

Well Name & No. Velma B#2-14 Test No. 6 Date 10/13/22
 Company Downing Nelson Oil Comp Inc Elevation 2309 KB 2302 GL
 Address Po Box 1019 Hays, KS 67601
 Co. Rep / Geo. Marc Downing Rig Discovery Rig#2
 Location: Sec. 14 Twp 12S Rge. 21W Co. Trego State KS

Interval Tested 3977-4004 Zone Tested Arbuckle
 Anchor Length 27 Drill Pipe Run 3951 Mud Wt. 9.2
 Top Packer Depth 3972 Drill Collars Run ~~80~~ 30 Vis 56
 Bottom Packer Depth 3977 Wt. Pipe Run 0 WL 8.8
 Total Depth 4004 Chlorides 5000 ppm System LCM 3#

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

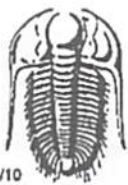
Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>BHmco</u>	<u>5</u>	<u>55</u>	<u>40</u>	<u></u>
<u>45</u>	<u>60</u>	<u>5</u>	<u>95</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

Rec Total 75' BHT 112 Gravity 32 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic <u>2012</u>	<input checked="" type="checkbox"/> Test <u>1950</u>	T-On Location <u>11:10</u>
(B) First Initial Flow <u>15</u>	<input type="checkbox"/> Jars <u></u>	T-Started <u>11:30</u>
(C) First Final Flow <u>30</u>	<input checked="" type="checkbox"/> Safety Joint <u></u>	T-Open <u>13:03</u>
(D) Initial Shut-In <u>1015</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/A</u>	T-Pulled <u>15:03</u>
(E) Second Initial Flow <u>34</u>	<input type="checkbox"/> Hourly Standby <u></u>	T-Out <u>17:40</u>
(F) Second Final Flow <u>39</u>	<input checked="" type="checkbox"/> Mileage <u>49</u> <u>73.50</u>	Comments <u></u>
(G) Final Shut-In <u>936</u>	<input type="checkbox"/> Sampler <u></u>	
(H) Final Hydrostatic <u>1928</u>	<input type="checkbox"/> Straddle <u></u>	<input checked="" type="checkbox"/> EM Tool <u></u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer <u></u>	<input type="checkbox"/> Ruined Shale Packer <u></u>
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer <u></u>	<input type="checkbox"/> Ruined Packer <u></u>
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder <u></u>	<input type="checkbox"/> Extra Copies <u></u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby <u></u>	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility <u></u>	Total <u>2023.50</u>
	Sub Total <u>2023.50</u>	MP/DST Disc't <u></u>

Approved By Our Representative Dust Dg

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its 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. **69849**

Well Name & No. Velma B #214 Test No. 7 Date 10/14/22
 Company Downing Nelson Oil Comp Inc Elevation 2309 KB 2302 GL
 Address PO Box 1019 Hays, KS 67601
 Co. Rep / Geo. Marc Downing Rig Discovery Rig#2
 Location: Sec. 14 Twp 12S Rge. 21w Co. Trego State KS

Interval Tested 4004-4028 Zone Tested Arbuckle
 Anchor Length 24 Drill Pipe Run 3982 Mud Wt. 9.2
 Top Packer Depth 3999 Drill Collars Run 30 Vis 56
 Bottom Packer Depth 4004 Sp. 4028 Wt. Pipe Run 0 WL 8.8
 Total Depth 4085 Chlorides 5000 ppm System LCM 3#

Blow Description IF- Built to 1 3/4"

S14- No return

EF- WSB - Flush tool - WSB Pull it

Rec	Feet of	%gas	%oil	%water	%mud
<u>40'</u>	<u>58cm</u>		<u>5</u>		<u>95</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 Total 40 BHT 112 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2132 Test 1950 T-On Location 10:00
 (B) First Initial Flow 41 Jars _____ T-Started 10:58
 (C) First Final Flow 54 Safety Joint _____ T-Open 12:27
 (D) Initial Shut-In 1119 Circ Sub N/A T-Pulled 13:35
 (E) Second Initial Flow 56 Hourly Standby _____ T-Out 15:55
 (F) Second Final Flow 53 Mileage 49 73.50 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 2100 Straddle 600 EM Tool _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 30 Day Standby _____ Sub Total 0
 Initial Shut-In 30 Accessibility _____ Total 2623.50
 Final Flow 5 Sub Total 2623.50 MP/DST Disc't _____
 Final Shut-In Pull tool

Approved By _____ Our Representative DJ Dy

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its 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.

Marc A. Downing
Consulting Petroleum Geologist

Geologic Report
Drilling Time and Sample Log

Operator **Downing-Nelson Oil Co., Inc.**
Lease **Velma B** No. **2-14**
API # **15-195-23149-0000**
Field **Cotton East**
Location **1987' FSL & 421' FEL**
Sec. **14** **Twp.** **12s** **Rge.** **21w**
County **Trego** **State** **Kansas**

Elevation
 KB **2310**
 DF **2308**
 GL **2302**

Casing Record
 Surface **8 5/8" @ 221'**
 Production **None**

Electrical Surveys
CNDL, DIL
MEL

Formation	Sample tops	Log Tops	Datum	Struct Comp
Top Anhydrite	1697	1694	+616	+7
Base Anhydrite	1745	1742	+568	+6
Topeka	3345	3345	-1035	+3
Heebner	3568	3567	-1257	+3
Toronto	3593	3591	-1281	+3
LKC	3603	3602	-1292	+5
BKC	3838	3840	-1530	+4
Marmaton	3907	3906	-1596	+3
Arbuckle	3952	3951	-1641	+5
Total Depth	4085	4085	-1775	

Drilling Contractor	Discovery Drilling, Rig #2
Commenced	10-6-22
Completed	10-14-22
Samples Saved From	3350 To RTD
Drilling Time Kept From	3250 To RTD
Samples Examined From	3350 To RTD
Geological Supervision From	3350 To RTD

Summary and Recommendations

The Velma B #2-14 ran structurally high on all formations to the nearest old producer. Due to poor permeability in the Arbuckle, little fluid was recovered on DSTs. The decision was made to plug and abandon the test hole.

Respectfully Submitted,
 Marc A. Downing

Reference Well For Structural Comparison: Beren Corporation - Christopher #1 SW SW NW Sec. 13-12s-21w

ROCK TYPES
 shale, gry
 shale, red
 Carbon Sh
 Dolomit
 Lmsst fm7>

ACCESSORIES
 STRINGER
 color shale
 red shale

FOSSIL
 chert
 Chert White

MINERAL
 mineral chert
 Chert White

OTHER SYMBOLS
 DST
 DST Int
 DST alt
 Core
 Tail pipe

MISC
 Daily Report
 Digital Photo
 Document
 Folder
 Link
 Vertical Log File
 Horizontal Log File
 Core Log File
 Drill Cuttings Rpt

OIL SHOWS
 Fm Sh
 Spotted Sh 50 - 75 %
 Spotted Sh 25 - 50 %
 Questionable Sh
 Dead Oil Sh
 Fluorescence

Oil Shows
 Fm Sh
 Spotted Sh 50 - 75 %
 Spotted Sh 25 - 50 %
 Questionable Sh
 Dead Oil Sh
 Fluorescence

Geological Descriptions

Vis. 65 Wt. 8.7
 DST #1
 3566-3652
 15-30-30-60
 I.F. - BOB 10 min
 F.F. - BOB 15 min
 FFP: 37-108
 FFP: 113-192
 FFP: 156-192
 HP: 1756-1748
 Rec: 183
 SOCM (2% O, 5% G)
 282 SOCM (5% O, 75% G)
 BHT: 107
 Clar. 21K

Vis. 53 Wt. 9.4
 DST #2
 3728-3800
 30-30-30-30
 I.F. - dead
 F.F. - dead
 FFP: 32-37
 FFP: 36-38
 FFP: 73-161
 HP: 1969-1823
 Rec: 5 mud
 BHT: 106

Vis. 56 Wt. 9.2
 DST #3
 3913-3930
 30-30-30-30
 I.F. - 1.75' / no SIB
 F.F. - 6.75' / no SIB
 FFP: 45-50
 FFP: 15-30
 HP: 1982-1894
 Rec: 60 GO (90% O)
 52 GO (90% O, 10% G)
 BHT: 115
 G: 34

Vis. 55 Wt. 9.4
 DST #4
 3927-3964
 45-45-45-45
 I.F. - 6.75' / no SIB
 F.F. - 6.75' / no SIB
 FFP: 45-50
 FFP: 15-30
 HP: 1982-1894
 Rec: 60 GO (90% O)
 52 GO (90% O, 10% G)
 BHT: 115
 G: 34

Vis. 56 Wt. 9.2
 DST #5
 3964-3977
 45-45-45-45
 I.F. - 4.75'
 F.F. - 4.5"
 FFP: 18-35
 FFP: 34-39
 FFP: 15-15
 HP: 1983-1903
 Rec: 30 GIP
 60 GO (90% O)
 30 GO (55% O, 5% G)
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #7
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #8
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #9
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #10
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #11
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #12
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #13
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #14
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #15
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #16
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #17
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #18
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #19
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #20
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #21
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #22
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #23
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #24
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #25
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #26
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #27
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #28
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #29
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #30
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #31
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Vis. 56 Wt. 9.0
 DST #32
 4008
 30-30-30-5-0
 I.F. - 1.75'
 F.F. - 1.75'
 FFP: 41-54
 FFP: 56-53
 HP: 1983-1903
 Rec: 2132-2100
 BHT: 112
 G: 32

Curve Track #1
 ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

ROP (min/ft)
 Gamma (API)

Printed by GEOstrip_VC Striplog version 4.0.8.15 (www.grsl.ca)