KOLAR Document ID: 1763353

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY
Confidentiality Requested
Date:
Confidential Release Date:
☐ Wireline Log Received ☐ Drill Stem Tests Received
Geologist Report / Mud Logs Received
UIC Distribution
ALT I II III Approved by: Date:

KOLAR Document ID: 1763353

Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	ed Type and Percent Additives			
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	CARTER 1-2
Doc ID	1763353

All Electric Logs Run

Compensated Density/Neutron Log
Dual Induction Log
Micro Log
Sonic Log

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	CARTER 1-2
Doc ID	1763353

Tops

Name	Тор	Datum
Anhydrite	1878	+572
Base Anhydrite	1916	+534
Stotler	3291	-841
Heebner	3686	-1236
Lansing	3726	-1276
Stark	3968	-1518
Base Kansas City	4029	-1579
Fort Scott	4222	-1772
Cherokee	4246	-1796
Mississippi	4326	-1876

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	CARTER 1-2
Doc ID	1763353

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.875	8.625	23	304	H-325	250	



County: LANE

State: Kansas

Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

SEC: 2 TWN: 16S RNG: 27W

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation: Test Complete

DATE

December

30

2023

DST #1 Formation: Lansing (E)

Test Interval: 3798 -

Total Depth: 3818'

3818'

Time On: 02:25 12/30

Time Off: 09:48 12/30

Time On Bottom: 04:47 12/30 Time Off Bottom: 07:47 12/30

Electronic Volume Estimate:

187'

1st Open Minutes: 30 **Current Reading:**

9.0" at 30 min

Max Reading: 9.0"

1st Close Minutes: 45 **Current Reading:**

0" at 45 min

Max Reading: 0"

2nd Open Minutes: 45

Current Reading: 9.6" at 45 min

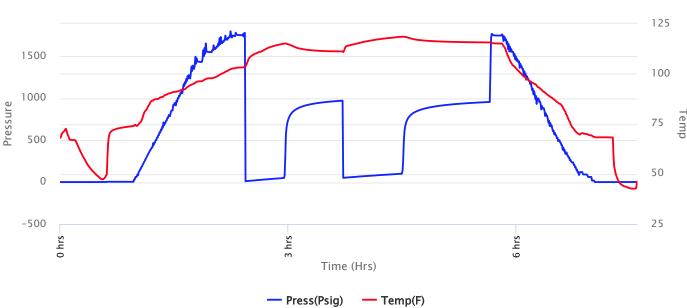
Max Reading: 9.6"

2nd Close Minutes: 60 **Current Reading:**

0" at 60 min

Max Reading: 0"

Inside Recorder





SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API#: 15-101-22690

Operation: Test Complete

DATE

December

30

2023

DST #1 Formation: Lansing (E)

Test Interval: 3798 -

Total Depth: 3818'

3818'

Time On: 02:25 12/30

Time Off: 09:48 12/30

Time On Bottom: 04:47 12/30 Time Off Bottom: 07:47 12/30

Recovered

Foot BBLS 200 2.052 **Description of Fluid SLMCW**

Gas % 0

Oil % 0

Water % 85

Mud % 15

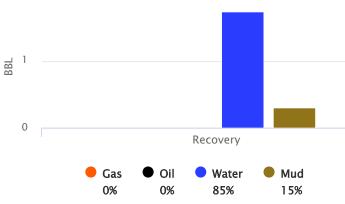
Total Recovered: 200 ft

Total Barrels Recovered: 2.052

Reversed Out NO

Initial Hydrostatic Pressure	1777	PSI
Initial Flow	11 to 49	PSI
Initial Closed in Pressure	970	PSI
Final Flow Pressure	51 to 100	PSI
Final Closed in Pressure	954	PSI
Final Hydrostatic Pressure	1766	PSI
Temperature	119	°F
Pressure Change Initial	1.6	%

Close / Final Close



Recovery at a glance

GIP cubic foot volume: 0



County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

SEC: 2 TWN: 16S RNG: 27W

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation:
Test Complete

DATE

December

30 2023

Formation: Lansing (E)

Test Interval: 3798 -

Total Depth: 3818'

3818'

Time On: 02:25 12/30 Time Off: 09:48 12/30

Time On Bottom: 04:47 12/30 Time Off Bottom: 07:47 12/30

BUCKET MEASUREMENT:

1st Open: WsB built to 9.0in in 30min

1st Close: No Blowback

2nd Open: WsB built to 9.6in in 45min

2nd Close: No Blowback

REMARKS:

Tool Sample: 0% Gas 0% Oil 100% Water 0% Mud

DST #1

Chlorides: 14000 ppm



County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

SEC: 2 TWN: 16S RNG: 27W

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation:

Test Complete

DATE

December

30

2023

DST #1 Formation: Lansing (E)

Test Interval: 3798 -

Total Depth: 3818'

3818'

Time On: 02:25 12/30

Time Off: 09:48 12/30

Time On Bottom: 04:47 12/30 Time Off Bottom: 07:47 12/30

Down Hole Makeup

Heads Up: 13.2 FT Packer 1: 3792.5 FT

Drill Pipe: 3777.63 FT Packer 2: 3798 FT

ID-3 1/4

Top Recorder: 3781.42 FT

5/8"

Weight Pipe: FT

Bottom Recorder:

ID-2 7/8

3798 FT

Collars: FT Well Bore Size: 7 7/8

ID-2 1/4

Surface Choke: 1"

Bottom Choke:

Test Tool: 34.57 FT

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 20

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/4

Change Over: FT

Perforations: (below): 19 FT

4 1/2-FH



Lease: Carter #1-2

Operation:

Test Complete

SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

DATE

December

30

2023

DST #1 Forma

Formation: Lansing Test (E)

Test Interval: 3798 -

Total Depth: 3818'

3818'

Time On: 02:25 12/30

Time Off: 09:48 12/30

Time On Bottom: 04:47 12/30 Time Off Bottom: 07:47 12/30

Mud Properties

Mud Type: Chem Weight: 8.8 Viscosity: 60 Filtrate: 6.0 Chlorides: 2500 ppm



SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation: Test Complete

DATEDecember

30 2023

DST #1 Formation: Lansing (E)

Test Interval: 3798 -

Total Depth: 3818'

3818'

Time On: 02:25 12/30

Time Off: 09:48 12/30

Time On Bottom: 04:47 12/30 Time Off Bottom: 07:47 12/30

Gas Volume Report

1st Open 2nd Open

Time	Orifice	PSI	MCF/D	Time	Orifice	PSI	MCF/D
1	•						



County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

SEC: 2 TWN: 16S RNG: 27W

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation: Test Complete

DATE

December 30

2023

DST #2 Formation: Lansing (H-J)

Test Interval: 3872 -

Total Depth: 3957'

3957'

Time On: 23:36 12/30 Time Off: 05:53 12/31

Time On Bottom: 01:54 12/31 Time Off Bottom: 03:54 12/31

Electronic Volume Estimate:

0'

1st Open Minutes: 30 **Current Reading:**

0" at 30 min

Max Reading: 0"

1st Close Minutes: 30 **Current Reading:**

0" at 30 min

Max Reading: 0"

2nd Open Minutes: 30 **Current Reading:**

0" at 30 min

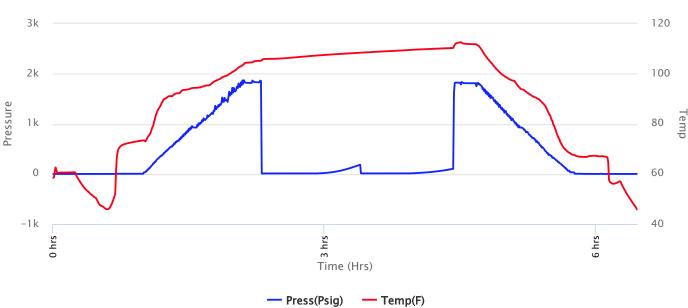
Max Reading: 0"

2nd Close Minutes: 30 **Current Reading:**

0" at 30 min

Max Reading: 0"

Inside Recorder





SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API#: 15-101-22690

Operation: Test Complete

DATE

December

30 2023 **DST #2** Formation: Lansing (H-J)

Test Interval: 3872 -

Total Depth: 3957'

0

3957'

Time On: 23:36 12/30

Time Off: 05:53 12/31

Time On Bottom: 01:54 12/31 Time Off Bottom: 03:54 12/31

Gas %

0

0.05

显 0.025

Recovered

Foot BBLS 5 0.0513 **Description of Fluid** Μ

Reversed Out

Oil %

0

Recovery at a glance

Water % Mud % 100

Total Recovered: 5 ft

Total Barrels Recovered: 0.0513

Close / Final Close

	NO
1856	PSI
10 to 12	PSI
180	PSI
11 to 13	PSI
13	PSI
1825	PSI
111	°F
93.2	%
	10 to 12 180 11 to 13 13 1825 111

Gas

0%

Oil Water 0% 0%

Mud 100%

Recovery

GIP cubic foot volume: 0



County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

SEC: 2 TWN: 16S RNG: 27W

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation:
Test Complete

DATE

December

30 2023

Formation: Lansing (H-J)

Test Interval: 3872 -

Total Depth: 3957'

3957'

Time On: 23:36 12/30 Time Off: 05:53 12/31

Time On Bottom: 01:54 12/31 Time Off Bottom: 03:54 12/31

BUCKET MEASUREMENT:

1st Open: WsB died in 1min. Flushed tool 2 times

1st Close: No Blowback 2nd Open: No Blow 2nd Close: No Blowback

REMARKS:

Flushed tool right after first open twice to make sure tool wasn't plugging off.

DST #2



State: Kansas

County: LANE

SEC: 2 TWN: 16S RNG: 27W

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Total Depth: 3957'

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation:

Test Complete

DATE

December

30

2023

DST #2 Formation: Lansing Test Interval: 3872 -3957'

(H-J)

Time On: 23:36 12/30 Time Off: 05:53 12/31

Time On Bottom: 01:54 12/31 Time Off Bottom: 03:54 12/31

Down Hole Makeup

Heads Up: 33.2 FT Packer 1: 3866.5 FT

Drill Pipe: 3871.63 FT Packer 2: 3872 FT

ID-3 1/4

Top Recorder: 3855.42 FT

Weight Pipe: FT **Bottom Recorder:** 3872 FT ID-2 7/8

Well Bore Size: 7 7/8 Collars: FT

Surface Choke: 1" ID-2 1/4

Test Tool: Bottom Choke: 5/8" 34.57 FT

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 85

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 18 FT

4 1/2-FH

Change Over: .5 FT

Drill Pipe: (in anchor): 62 FT

ID-3 1/4

Change Over: .5 FT

Perforations: (below): 3 FT

4 1/2-FH



Lease: Carter #1-2

Operation:

Test Complete

SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API#: 15-101-22690

DATE

December

30

2023

DST #2 Formation: Lansing (H-J)

Test Interval: 3872 -

Total Depth: 3957'

3957'

Time On: 23:36 12/30

Time Off: 05:53 12/31

Time On Bottom: 01:54 12/31 Time Off Bottom: 03:54 12/31

Mud Properties

Mud Type: Chem Weight: 8.8 Viscosity: 61 Filtrate: 6.0 Chlorides: 2500 ppm



Lease: Carter #1-2

SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API#: 15-101-22690

Operation:

Test Complete

DATE

December 30

2023

DST #2 Formation: Lansing (H-J)

Test Interval: 3872 -

Total Depth: 3957'

3957'

Time On: 23:36 12/30

Time Off: 05:53 12/31

Time On Bottom: 01:54 12/31 Time Off Bottom: 03:54 12/31

Gas Volume Report

1st Open 2nd Open

Time	Orifice	PSI	MCF/D		Time	Orifice	PSI	MCF/D	
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State: Kansas

SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation:

Uploading recovery & pressures

DATEDecember

31

2023

DST #3

Formation: Lansing (K-L)

Time On: 15:42 12/31

Test Interval: 3966 - 4025'

Total Depth: 4025'

(11-2)

Time Off: 22:14 12/31

Time On Bottom: 17:44 12/31 Time Off Bottom: 20:14 12/31

Electronic Volume Estimate:

76'

<u>1st Open</u> Minutes: 30 Current Reading:

0" at 30 min

Max Reading: 0.1"

1st Close Minutes: 30 Current Reading:

0" at 30 min

Max Reading: 0"

2nd Open Minutes: 45 Current Reading:

7.0" at 45 min

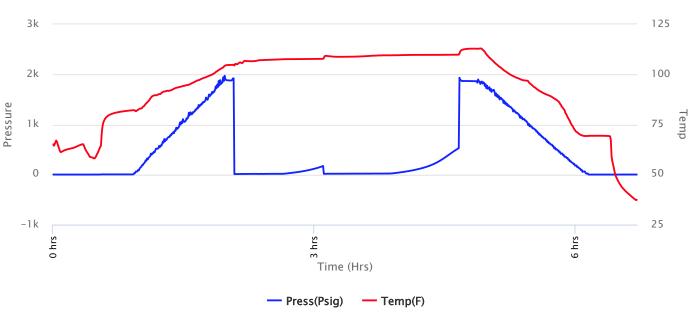
Max Reading: 7.0"

2nd Close Minutes: 45 Current Reading:

0" at 45 min

Max Reading: 0"

Inside Recorder





Lease: Carter #1-2

SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation:

Uploading recovery & pressures

<u>DATE</u> December

31 2023

DST #3 Formation: Lansing (K-L)

Test Interval: 3966 -

Total Depth: 4025'

4025'

Time On: 15:42 12/31 Time Off: 22:14 12/31

Time On Bottom: 17:44 12/31 Time Off Bottom: 20:14 12/31

Recovered

<u>Foot</u>	BBLS
130	1.3338
60	0.6156

Description of Fluid
G
SLOCM

Gas %	<u>Oil %</u>	Water %	Mud %
100	0	0	0
0	3	Λ	97

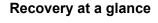
Total Recovered: 190 ft

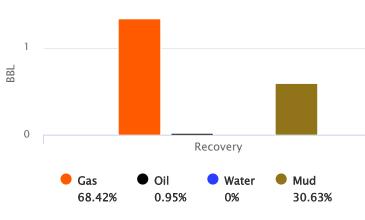
Total Barrels Recovered: 1.9494

Reversed Out
NO

Initial Hydrostatic Pressure	1923	PSI
Initial Flow	10 to 18	PSI
Initial Closed in Pressure	171	PSI
Final Flow Pressure	15 to 22	PSI
Final Closed in Pressure	524	PSI
Final Hydrostatic Pressure	1934	PSI
Temperature	110	°F
Pressure Change Initial	0.0	%







GIP cubic foot volume: 7.48862



Lease: Carter #1-2

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

SEC: 2 TWN: 16S RNG: 27W

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation:

Uploading recovery & pressures

DATE

December

31

2023

DST #3

Formation: Lansing (K-L)

Test Interval: 3966 -

Total Depth: 4025'

4025'

Time On: 15:42 12/31

Time Off: 22:14 12/31

Time On Bottom: 17:44 12/31 Time Off Bottom: 20:14 12/31

BUCKET MEASUREMENT:

1st Open: WsB died in 9min exact.

1st Close: No Blowback

2nd Open: Started at 1.3in built to 7in in 45min

2nd Close: No Blowback

REMARKS:

Tool Sample: 0% Gas 20% Oil 8% Water 72% Mud



County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

SEC: 2 TWN: 16S RNG: 27W

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation:

Uploading recovery & pressures

Formation: Lansing

Test Interval: 3966 -

Total Depth: 4025'

(K-L)

4025'

Time On: 15:42 12/31

Time Off: 22:14 12/31

31

DATE

December

2023

Time On Bottom: 17:44 12/31 Time Off Bottom: 20:14 12/31

Down Hole Makeup

Heads Up: 32.2 FT

DST #3

Packer 1: 3960.5 FT

Drill Pipe:

3964.63 FT

Packer 2: 3966 FT

ID-3 1/4

Top Recorder:

3949.42 FT

Weight Pipe:

FT

3966 FT

5/8"

ID-2 7/8

Bottom Recorder:

Well Bore Size: 7 7/8

Collars:

FT

34.57 FT

Surface Choke:

Bottom Choke:

ID-2 1/4

Test Tool:

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 59

Anchor Makeup

Packer Sub:

1 FT

Perforations: (top):

23 FT

4 1/2-FH

Change Over:

.5 FT 31 FT

Drill Pipe: (in anchor):

ID-3 1/4

Change Over:

Perforations: (below):

4 1/2-FH

.5 FT 3 FT



Lease: Carter #1-2

SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API#: 15-101-22690

Operation:

Uploading recovery & pressures

DATE

December

31

2023

DST #3 Formation: Lansing Test Interval: 3966 -

Total Depth: 4025'

(K-L) 4025'

Time On: 15:42 12/31

Time Off: 22:14 12/31

Time On Bottom: 17:44 12/31 Time Off Bottom: 20:14 12/31

Mud Properties

Mud Type: Weight: Viscosity: Filtrate: Chlorides: ppm



SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation:

Uploading recovery & pressures

DATE

December

31

2023

DST #3

Formation: Lansing (K-L)

Test Interval: 3966 -

Total Depth: 4025'

4025'

Time On: 15:42 12/31

Time Off: 22:14 12/31

Time On Bottom: 17:44 12/31 Time Off Bottom: 20:14 12/31

Gas Volume Report

1st Open 2nd Open

Time	Orifice	PSI	MCF/D		Time	Orifice	PSI	MCF/D
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State: Kansas

SEC: 2 TWN: 16S RNG: 27W County: LANE

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation: Test Complete

> **DATE** January

> > 02 2024

DST #4 Formation: Fort Scott

Test Interval: 4205 -

Total Depth: 4260'

4260'

Time On: 05:52 01/02 Time Off: 13:26 01/02

Time On Bottom: 09:40 01/02 Time Off Bottom: 11:40 01/02

Electronic Volume Estimate:

1'

1st Open Minutes: 30 **Current Reading:**

0" at 30 min

Max Reading: 0.1"

1st Close Minutes: 30 **Current Reading:**

0" at 30 min

Max Reading: 0"

2nd Open Minutes: 30 **Current Reading:**

0" at 30 min

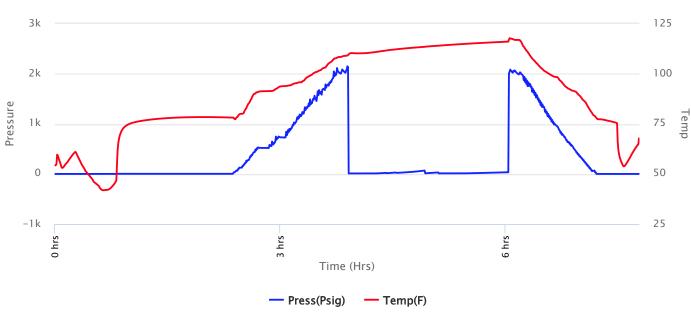
Max Reading: 0"

2nd Close Minutes: 30 **Current Reading:**

0" at 30 min

Max Reading: 0"

Inside Recorder





Lease: Carter #1-2

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

SEC: 2 TWN: 16S RNG: 27W

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API#: 15-101-22690

Operation: Test Complete

> **DATE** January

02 2024 **DST #4**

Formation: Fort Scott

Test Interval: 4205 -

Total Depth: 4260'

4260'

Time On: 05:52 01/02

Time Off: 13:26 01/02

Time On Bottom: 09:40 01/02 Time Off Bottom: 11:40 01/02

Recovered

Foot BBLS 4 0.04104 **Description of Fluid** SLWCSLOCM

Gas % 0

Oil % 1

Water % 1

Mud % 98

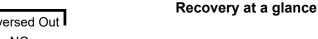
Total Recovered: 4 ft

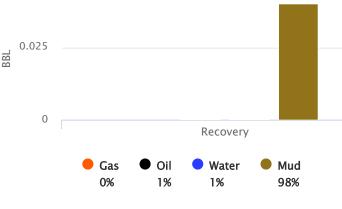
Total Barrels Recovered: 0.04104

Reversed Out NO

Initial Hydrostatic Pressure	2135	PSI
Initial Flow	10 to 29	PSI
Initial Closed in Pressure	68	PSI
Final Flow Pressure	12 to 12	PSI
Final Closed in Pressure	33	PSI
Final Hydrostatic Pressure	2084	PSI
Temperature	116	°F
Pressure Change Initial	51.5	%

Close / Final Close





GIP cubic foot volume: 0



Operation:

Test Complete

Company: L. D. Drilling, Inc

Lease: Carter #1-2

DST #4

SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Total Depth: 4260'

Pool: Infield Job Number: 714 API #: 15-101-22690

DATE

January

02

2024

Scott 4260'

Formation: Fort

Time On: 05:52 01/02 Time Off: 13:26 01/02

Time On Bottom: 09:40 01/02 Time Off Bottom: 11:40 01/02

Test Interval: 4205 -

BUCKET MEASUREMENT:

1st Open: WsB died in 6min 1st Close: No Blowback 2nd Open: No Blow 2nd Close: No Blowback

REMARKS:

Tool Sample: 0% Gas 2% Oil 5% Water 93% Mud



County: LANE

State: Kansas

Drilling Contractor: L. D. Drilling &

SEC: 2 TWN: 16S RNG: 27W

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation: Test Complete

> **DATE** January

> > 02 2024

DST #4 Formation: Fort Scott

Test Interval: 4205 -

Total Depth: 4260'

4260'

Time On: 05:52 01/02 Time Off: 13:26 01/02

Time On Bottom: 09:40 01/02 Time Off Bottom: 11:40 01/02

Down Hole Makeup

Heads Up: 11.2 FT Packer 1: 4199.5 FT

5/8"

Drill Pipe: 4182.63 FT Packer 2: 4205 FT

ID-3 1/4

Top Recorder: 4188.42 FT

Weight Pipe: FT

Bottom Recorder: 4205 FT

ID-2 7/8

Well Bore Size: 7 7/8

Collars: FT

Surface Choke: 1"

ID-2 1/4

Test Tool: 34.57 FT

ID-3 1/2-FH Jars

Safety Joint

Total Anchor: 55 **Bottom Choke:**

Anchor Makeup

Packer Sub:

1 FT

Perforations: (top):

19 FT

4 1/2-FH

Change Over: .5 FT

Drill Pipe: (in anchor): 31 FT

ID-3 1/4

Change Over: .5 FT

Perforations: (below): 3 FT

4 1/2-FH



Operation:

Test Complete

Company: L. D. Drilling, Inc

Lease: Carter #1-2

SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

DATE

January **02**

2024

DST #4 Formation: Fort Scott

Test Interval: 4205 -

Total Depth: 4260'

4260'

Time On: 05:52 01/02

Time Off: 13:26 01/02

Time On Bottom: 09:40 01/02 Time Off Bottom: 11:40 01/02

Mud Properties

Mud Type: Chem Weight: 9.2 Viscosity: 62 Filtrate: 6.4 Chlorides: 2900 ppm



Lease: Carter #1-2

SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation:
Test Complete

DATEJanuary

02 2024

DST #4 Formation: Fort Scott

Test Interval: 4205 -

Total Depth: 4260'

4260'

Time On: 05:52 01/02

Time Off: 13:26 01/02

Time On Bottom: 09:40 01/02 Time Off Bottom: 11:40 01/02

Gas Volume Report

1st Open 2nd Open

Time Orifice PSI	MCF/D	Time	Orifice	PSI	MCF/D
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SEC: 2 TWN: 16S RNG: 27W County: LANE

State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation: Test Complete

> **DATE** January

> > 03 2024

DST #5

Formation: Mississippi Test Interval: 4237 -

Total Depth: 4424'

4286'

Time On: 19:16 01/03

Time Off: 02:22 01/04

Time On Bottom: 21:34 01/03 Time Off Bottom: 23:34 01/03

Electronic Volume Estimate:

25'

1st Open Minutes: 30 **Current Reading:**

2.0" at 30 min

Max Reading: 2.0"

1st Close Minutes: 30 **Current Reading:**

0" at 30 min

Max Reading: 0"

2nd Open Minutes: 30 **Current Reading:**

0" at 30 min

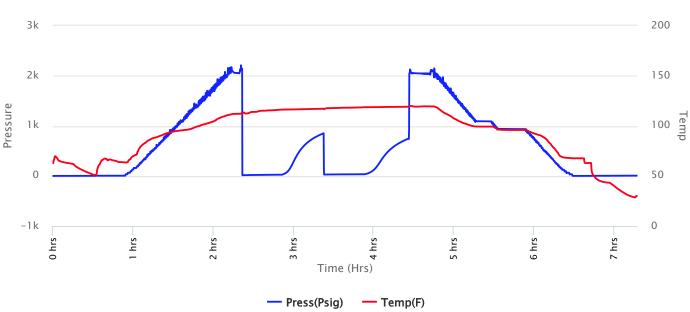
Max Reading: 0.2"

2nd Close Minutes: 30 **Current Reading:**

0" at 30 min

Max Reading: 0"

Inside Recorder





Lease: Carter #1-2

SEC: 2 TWN: 16S RNG: 27W County: LANE

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation:
Test Complete

DATEJanuary

03 2024

DST #5 Forma

Formation: Tes Mississippi

Test Interval: 4237 - Total Depth: 4424'

4286'

Time On: 19:16 01/03 Time Off: 02:22 01/04

Time On Bottom: 21:34 01/03 Time Off Bottom: 23:34 01/03

BBL

Recovered

Foot BBLS 4.617

Description of Fluid SLOCM

<u>Gas %</u> 0

Oil % 10 Water % 0 Mud % 90

Total Recovered: 450 ft

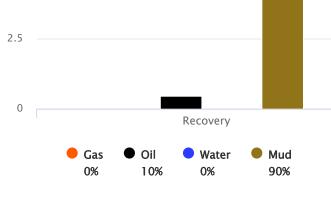
Total Barrels Recovered: 4.617

Reversed Out NO

Initial Hydrostatic Pressure 2144 PSI **Initial Flow** 15 to 27 PSI **Initial Closed in Pressure** 852 **PSI** Final Flow Pressure 28 to 38 PSI **Final Closed in Pressure** 748 PSI Final Hydrostatic Pressure 2129 PSI Temperature 119 °F Pressure Change Initial 12.2 %

Close / Final Close

Recovery at a glance



GIP cubic foot volume: 0



Operation:

Test Complete

Company: L. D. Drilling, Inc Lease: Carter #1-2

County: LANE State: Kansas

SEC: 2 TWN: 16S RNG: 27W

Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1

Elevation: 2442 EGL Field Name: Broughton North

Job Number: 714

Pool: Infield

API #: 15-101-22690

DATE January

03 2024 **DST #5** Formation: Mississippi Test Interval: 4237 -

Total Depth: 4424'

4286'

Time On: 19:16 01/03 Time Off: 02:22 01/04

Time On Bottom: 21:34 01/03 Time Off Bottom: 23:34 01/03

BUCKET MEASUREMENT:

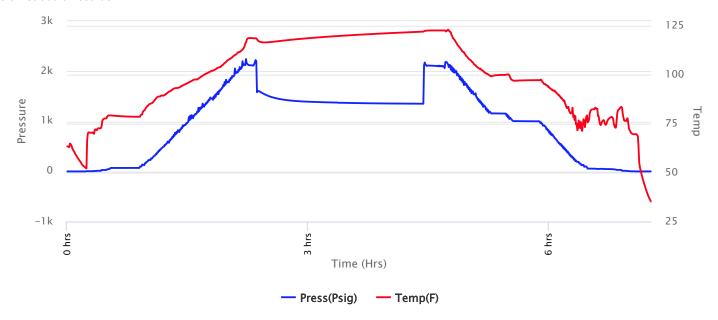
1st Open: Started at 0.5in and built to 2.0in in 30min

1st Close: No Blowback 2nd Open: WsB died in 25min 2nd Close: No Blowback

REMARKS:

Tool Sample: 0% Gas 5% Oil 0% Water 95% Mud

Below Straddle Recorder





Company: L. D. Drilling, Inc Lease: Carter #1-2

State: Kansas

County: LANE

Drilling Contractor: L. D. Drilling &

SEC: 2 TWN: 16S RNG: 27W

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

Operation: Test Complete

> **DATE** January

> > 03

2024

DST #5

Formation: Mississippi Test Interval: 4237 -4286'

Below Straddle Recorder:

4399 FT

Total Depth: 4424'

Time On: 19:16 01/03 Time Off: 02:22 01/04

Time On Bottom: 21:34 01/03 Time Off Bottom: 23:34 01/03

Down Hole Makeup

Heads Up: 24.2 FT Packer 1: 4231.5 FT

Drill Pipe: 4227.63 FT Packer 2: 4237 FT

ID-3 1/4 Packer 3: 4286 FT

Weight Pipe: FT Top Recorder: 4220.42 FT

ID-2 7/8 **Bottom Recorder:** 4335 FT

Collars:

ID-2 1/4

Test Tool: Well Bore Size: 7 7/8 34.57 FT

ID-3 1/2-FH **Surface Choke:** 1" Jars

Bottom Choke: 5/8" Safety Joint

Total Anchor:

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 1 FT

4 1/2-FH

Change Over: .5 FT

Drill Pipe: (in anchor): 31 FT

ID-3 1/4

Change Over: .5 FT

Perforations: (below): 15 FT

4 1/2-FH

STRADDLE

Straddle Packer(s): FT

Change Over: .5 FT

> **Drill Pipe:** 62 FT

> > ID-3 1/2"

Change Over: .5 FT

Perforations (in tail pipe): 26 FT

4 1/2-FH



Operation:

Test Complete

DATE

January

03

2024

Company: L. D. Drilling, Inc

Lease: Carter #1-2

SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

DST #5

Formation: Mississippi

Test Interval: 4237 -

Total Depth: 4424'

4286'

Time On: 19:16 01/03

Time Off: 02:22 01/04

Time On Bottom: 21:34 01/03 Time Off Bottom: 23:34 01/03

Mud Properties

Mud Type: Chem Weight: 9.4 Viscosity: 57 Filtrate: 7.6 Chlorides: 2900 ppm



Operation:

Test Complete

Company: L. D. Drilling, Inc

Lease: Carter #1-2

SEC: 2 TWN: 16S RNG: 27W

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2442 EGL

Field Name: Broughton North

Pool: Infield Job Number: 714 API #: 15-101-22690

DATEJanuary

03 2024

DST #5 Formation: Mississippi

Formation: Test Interval: 4237 -

Total Depth: 4424'

4286'

Time On: 19:16 01/03

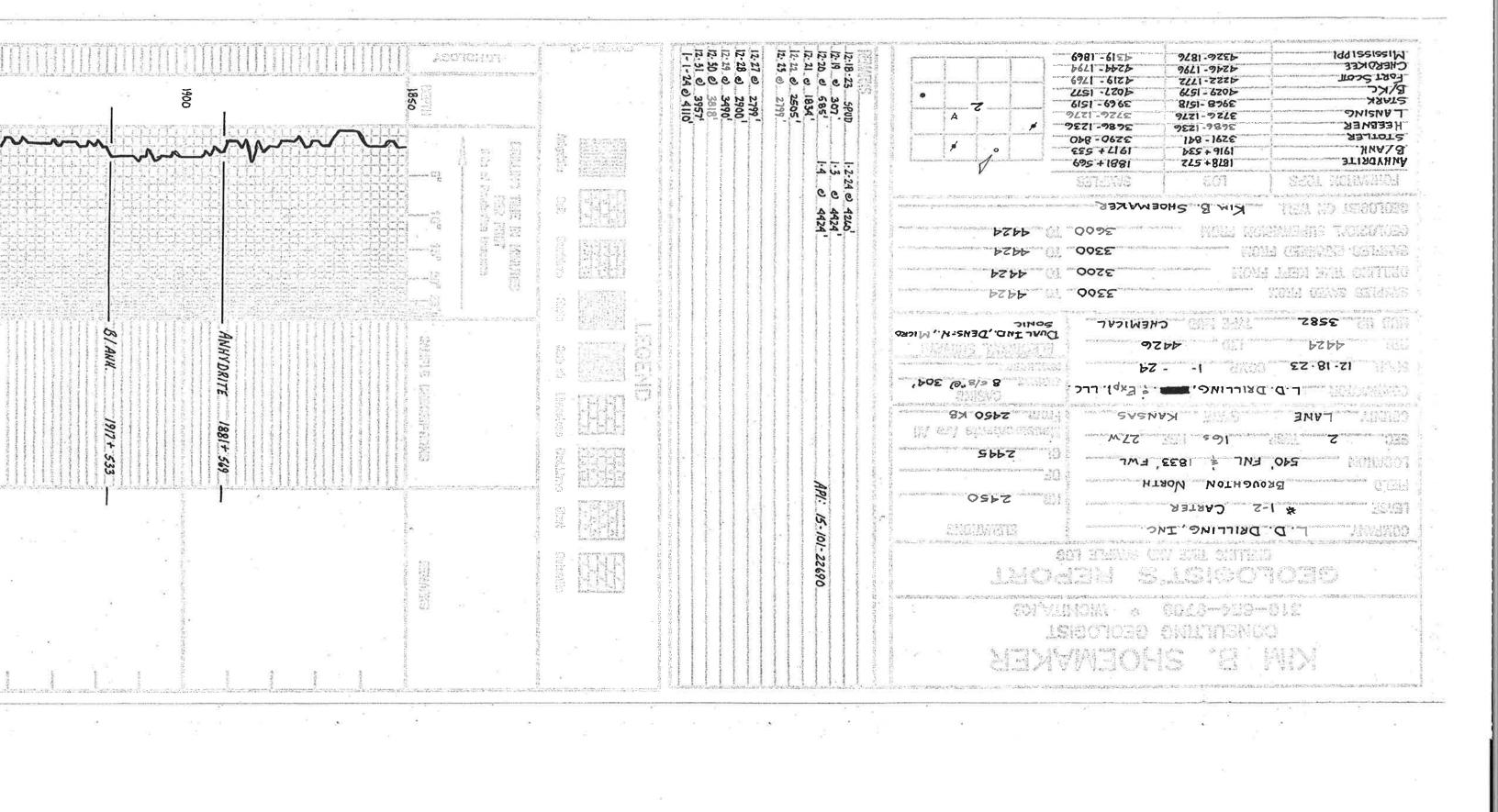
Time Off: 02:22 01/04

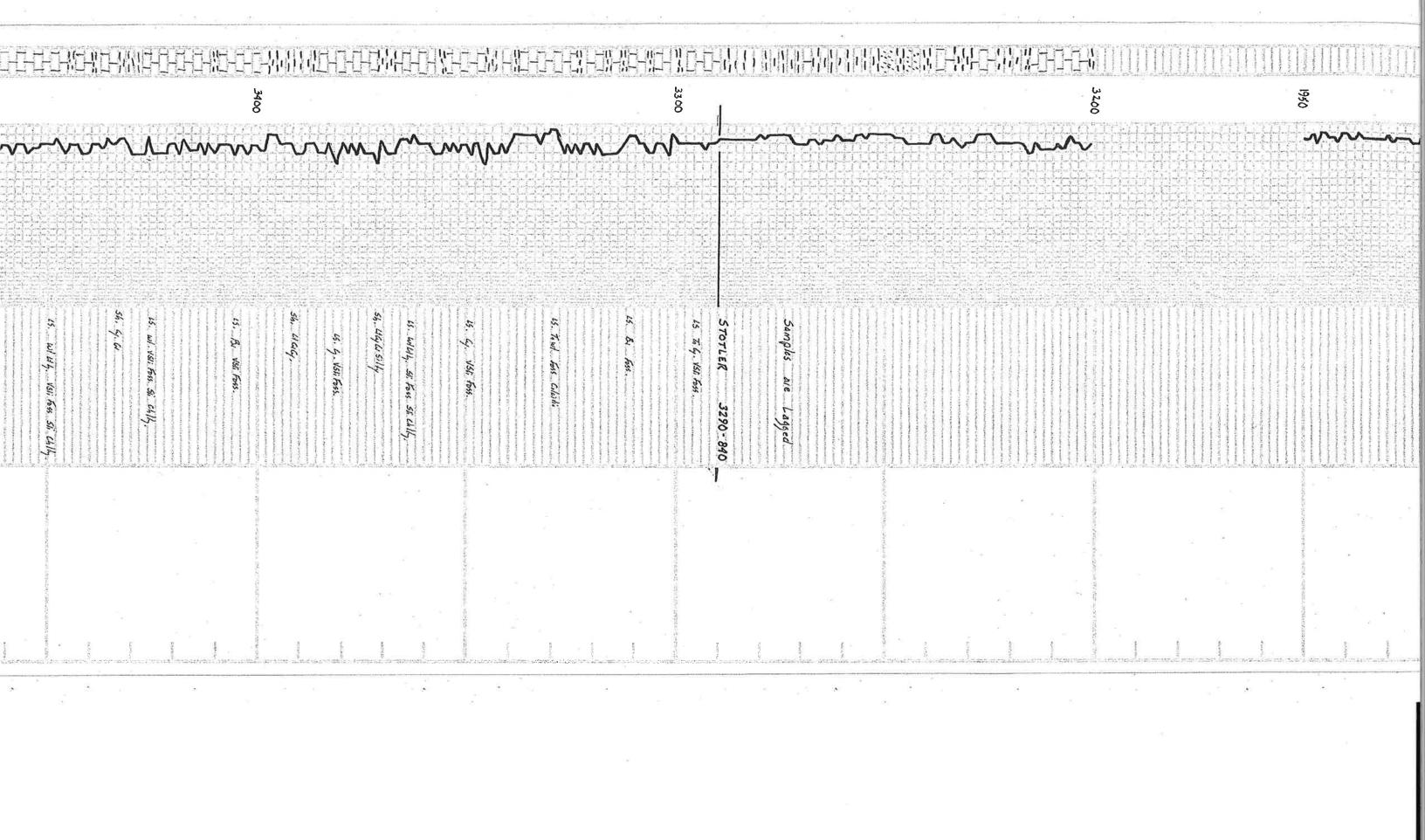
Time On Bottom: 21:34 01/03 Time Off Bottom: 23:34 01/03

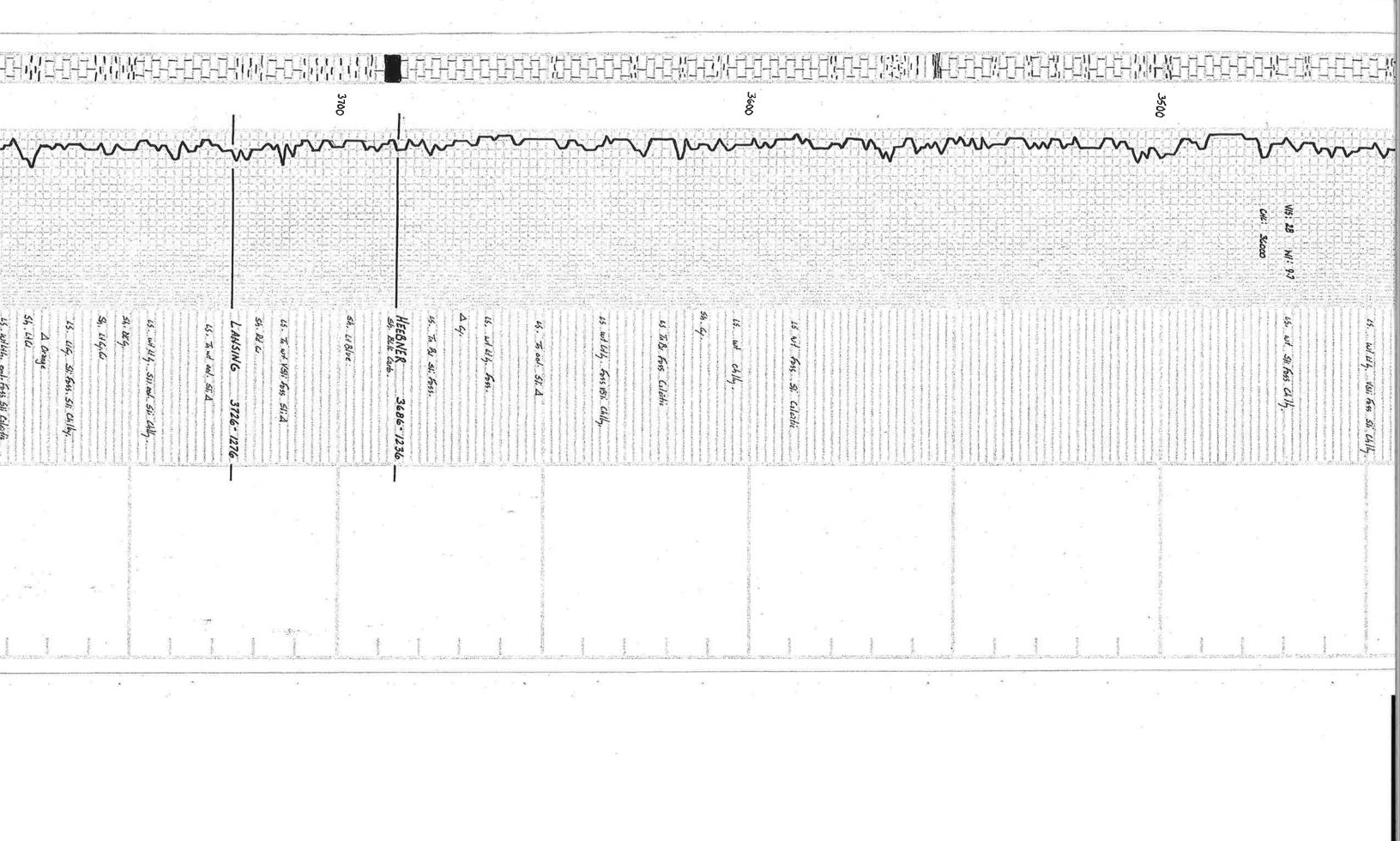
Gas Volume Report

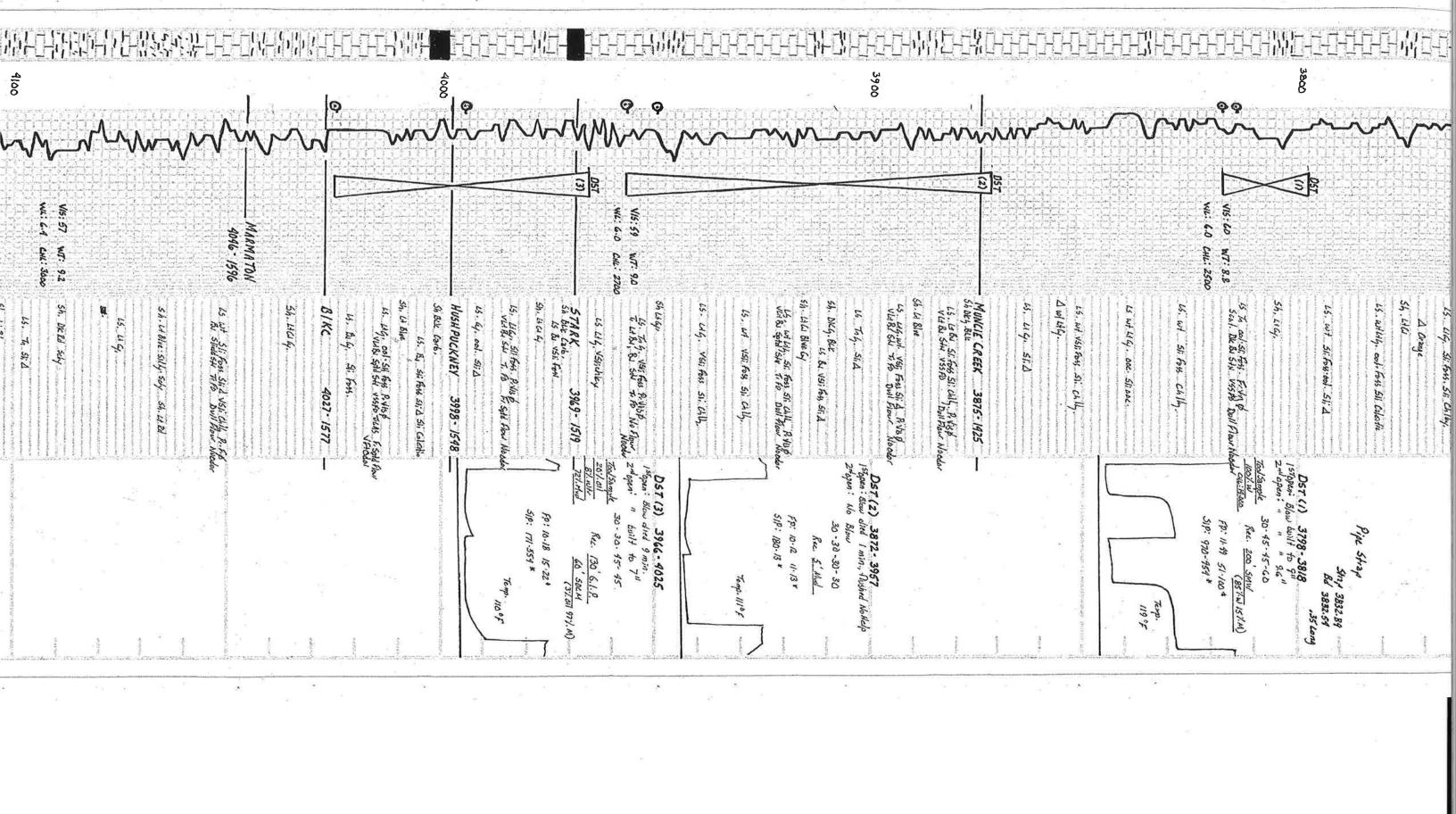
1st Open 2nd Open

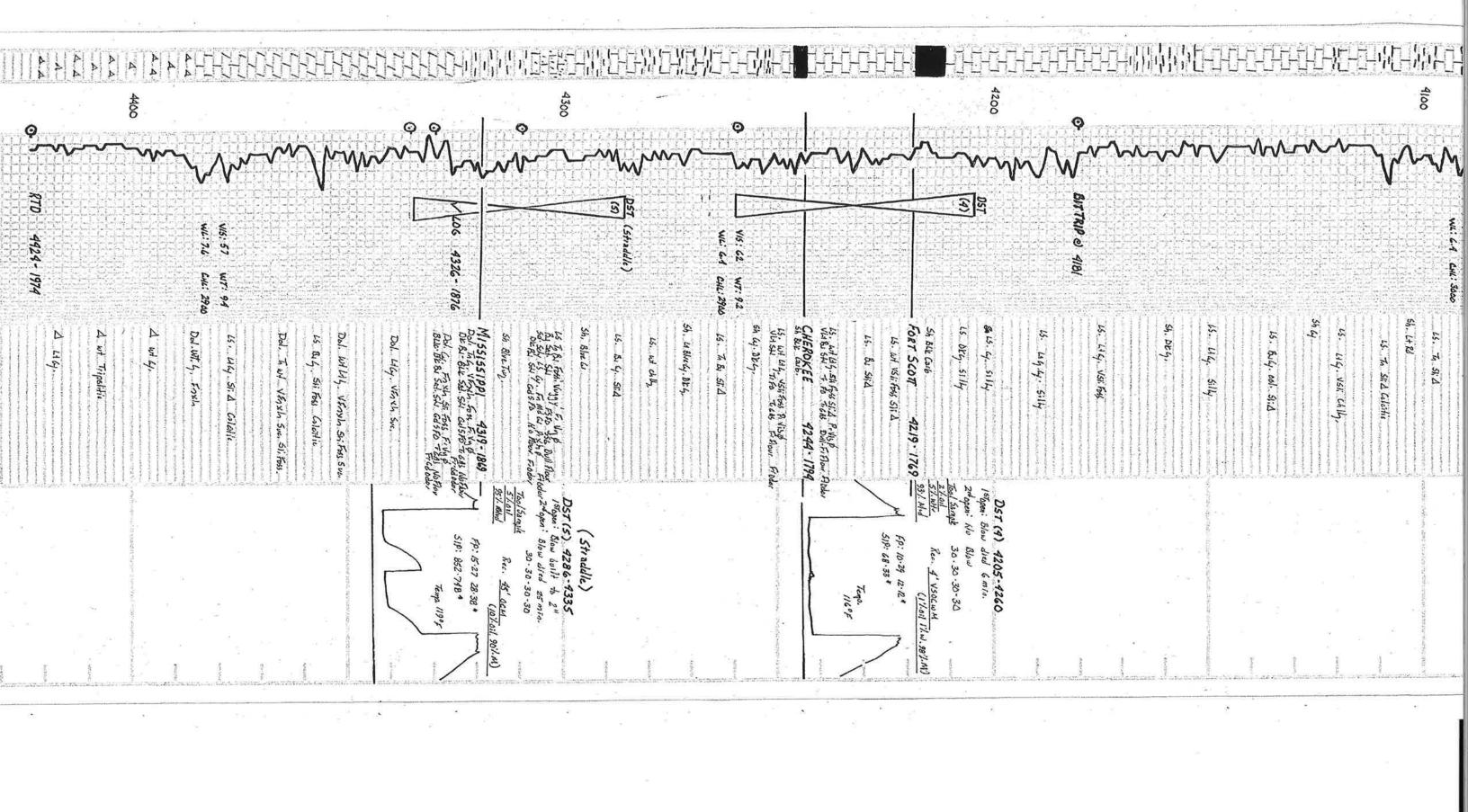
Time Orifice PSI MCF/D	Time Orifice PSI Me	CF/D
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RTD 4924-1974 A 114 4 wt Tripslitie

Printed from NeuraView 01/08/24



Remit To: Hurricane Services, Inc.

250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:

L D DRILLING, INC. 7 SW 26TH AVE GREAT BEND, KS 67530

Invoice Date:	12/19/2023
Invoice #:	0373459
Lease Name:	Carter
Well #:	1-2 (New)
County:	Lane, Ks
Job Number:	WP5005
District:	Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	250.000	22.500	5,625.00
Light Eq Mileage	80.000	2.000	160.00
Heavy Eq Mileage	160.000	4.000	640.00
Ton Mileage	940.000	1.500	1,410.00
Depth Charge 0'-500'	1.000	1,000.000	1,000.00
Cement Blending & Mixing	250.000	1.400	350.00
Cement Data Acquisition	1.000	250.000	250.00
Service Supervisor	1.000	275.000	275.00

Total	9,710.00

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

<u>SALES TAX:</u> Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.



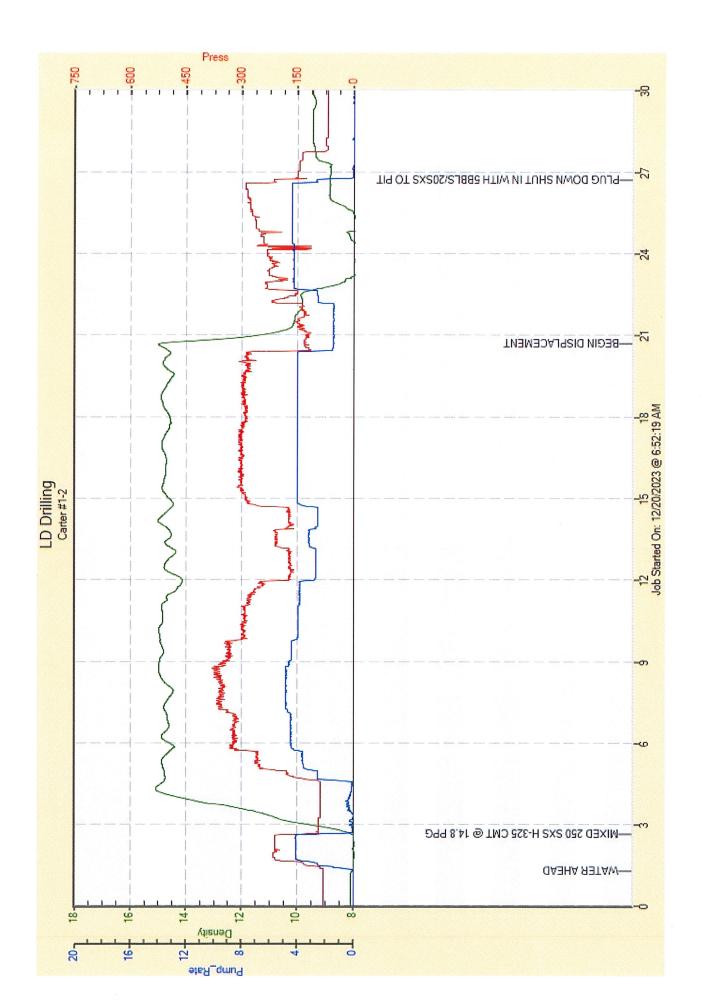
Customer	LD Drilling		Lease & Well #					Date	12/	19/2023
Service District	Oakley KS	T.	County & State	_	Legals S/T/R New Well?	2-168-2	_	Job#		
Job Type	Surface	✓ PROD	☐ INJ	SWD		✓ YES	No	Ticket #	w	P 5005
Equipment #	Driver				alysis - A Discuss		-	_		
947	John	✓ Hard hat		✓ Gloves		Lockout/Tag	,	Warning Sign		
230	Michael	H2S Monitor		✓ Eye Protection		Required Pe		Fall Protection		
176-532	EJ McGraw	Safety Footw		Respiratory Pro		✓ Slip/Trip/Fa		✓ Specific Job		
		FRC/Protectiv		Additional Che		✓ Overhead H		✓ Muster Point		ations
		☐ Hearing Prote	ection	✓ Fire Extinguish			oncerns or is	ssues noted below	1	
					Con	nments				
Product/ Service						- "				
Code		Desci	ription		Unit of Measure	Quantity				Net Amount
CP015	H-325				sack	250.00				\$5,625.00
M015	Light Equipment Mi				mi	80.00				\$160.00
M010 M020	Heavy Equipment N Ton Mileage	villeage			mi tm	160.00 940.00				\$640.00 \$1,410.00
D010	Depth Charge: 0'-5	00'			job	1.00				\$1,410.00
C060	Cement Blending 8				sack	250.00				\$350.00
C035	Cement Data Acqu				job	1.00				\$250.00
R061	Service Supervisor				day	1.00				\$275.00
11001	COLVIDE CUPCIVICE				day	1.00				Ψ270.00
Custo	omer Section: On th	ne following scale h	ow would you rate	Hurricane Services	Inc.?				Net:	\$9,710.00
					- 2	Total Taxable	\$ -	Tax Rate:		
Ба				d HSI to a colleague	ar.		to be sales ta	x exempt. Hurricane	Sale Tax:	\$ -
***************************************		3 4 5	6 7 8	Ы Ы 9 10 н	wiph#ith	Services relies on information above services and/or pro	to make a det	ermination if	Total:	\$ 9,710.00
						HSI Represe	ntative:	John Polley		
accounts shall pay inte collection, Customer h applied in arriving at n Pricing does not includ discount is based on 3 made concerning the r guarantee of future pro operational care of all	erest on the balance pas- ereby agrees to pay all et invoice price. Upon r de federal, state, or loca 0 days net payment ten results fom the use of al odduction performance.	st due at the rate of 1 fees directly or indirect evocation, the full invuit axes, or royalties arms or cash. DISCLAI ny product or service. Customer represents ment and property wh	½% per month or the city incurred for such oice price without disc ad stated price adjustr IMER NOTICE: Tech The information pres and warrants that we lie HSI is on location	or to sale. Credit terms o maximum allowable by collection. In the event to count is immediately dum ments. Actual charges in nical data is presented sented is a best estimate all and all associated eque performing services. The	applicable state or fethat Customer's accordent and subject to collect and yary depending up in good faith, but no we of the actual results uipment in acceptable	ederal laws. In the e unt with HSI becom- ction. Prices quoted pon time, equipmer warranty is stated or that may be achieve e condition to receive	vent it is necesses delinquent, are estimates at, and materia implied. HSI and and should be services by here.	ssary to employ an ag HSI has the right to ronly and are good fo I ultimately required to assumes no liability for the used for comparists. Likewise, the cus	gency and/or att evoke any disco r 30 days from to o perform these or advice or reco son purposes ar stomer guarante	orney to affect the bunts previously he date of issue. e services. Any ommendations d HSI makes no ses proper

ftv: 13-2021/01/19 mplv: 440-2023/11/20



							~			
CEMENT	TRE	ATMEN	T REPO	ORT						
Customer: LD Drilling Well:							Carter #1-2 Ticket: WP 5005			
		Utica KS			County:		Lane KS		Date:	12/19/2023
Field	d Rep:	Rick Wil	son		S-T-R:		2-16S-27\	W	Service:	Surface
									-	
		nformatio			Calculated S					ulated Slurry - Tail
	Size:				Blend:		325		Blend:	
Hole D		307			Weight:		ppg		Weight:	ppg
Casing Casing D					Water / Sx:		gal / sx		Water / Sx:	gal / sx
Tubing /		304	in		Yield:		ft ³ / sx		Yield:	ft ³ / sx
	Depth:		ft		Annular Bbls / Ft.:		bbs / ft.		Annular Bbls / Ft.:	bbs / ft.
Tool / Pa					Depth:	304			Depth:	ft 0 bbls
Tool D			ft		Annular Volume: Excess:	22.3	bbls		Annular Volume: Excess:	U DDIS
Displace		18.2	bbls		Total Slurry:	62.7	bbls		Total Slurry:	0.0 bbls
		10.2	STAGE	TOTAL	Total Sacks:	250			Total Sacks:	0.0 bbis
TIME	RATE	PSI	BBLs	BBLs	REMARKS					
1:30 AM			-	-	Arrived on location					
1:40 AM				-	Safety meeting					
1:50 AM				-	Rigged up					
5:35 AM				-	Casing on bottom					
5:42 AM				-	Circulated mud					
5:54 AM	4.0	200.0	5.0	5.0	Water ahead					
5:57 AM	4.2	300.0	62.7	67.7	Mixed 250 sacks H-325	cement @ 1	4.8 ppg			
6:15 AM	4.2	220.0	18.2	85.9	Begin displacement					
6:19 AM		150.0		85.9	Plug down and shut in v	vith 5 bbls/2	0 sacks cement ci	rculated t	o pit	
6:21 AM				85.9	Washed up and rigged o	lown				
6:40 AM				85.9	Left location					
		CREW			UNIT				SUMMAR	<i>'</i>
Cen	nenter:	John			947		Average Ra	ite	Average Pressure	Total Fluid
Pump Op		Micha	el		230		4.1 bpm		218 psi	86 bbls
	ulk #1:	EJ Mo	Graw		176-532					
В	ulk #2:									

ftv: 13-2021/01/19 mplv: 440-2023/11/20





Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:

L D DRILLING, INC. 7 SW 26TH AVE GREAT BEND, KS 67530

Invoice Date:	1/4/2024
Invoice #:	0373761
Lease Name:	Carter
Well #:	1-2
County:	Lane, Ks
Job Number:	WP5045
District:	Oakley

Date/Description	HRS/QTY	Rate	Total
New Hole Plug	0.000	0.000	0,00
H-Plug	280.000	16.000	4,480.00
Wooden plug 8 5/8"	1,000	150.000	150.00
Light Eq Mileage	80.000	2.000	160,00
Heavy Eq Mileage	160.000	4.000	640.00
Ton Mileage	964.000	1.500	1,446.00
Depth Charge 3001'-4000'	1.000	2,250.000	2,250.00
Cement Blending & Mixing	280.000	1.400	392.00
Service Supervisor	1.000	275.000	275.00

Net Invoice 9,793.00 Sales Tax: 10,364.27 **Total**

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.



Customer	LD DRILLING		Lease & Well #	CARTER #1-2				Date		1/4/2024	
Service District	OAKLEY, KS		County & State	LANE, KS	Legals S/T/R	2-16S	-27W	Job#			
Job Type	PTA	☑ PROD	☐ INI	SWD	New Well?	✓ YES	☐ No	Ticket #		NP 5045	
Equipment #	Driver			Job Safety An	alysis - A Discus	sion of Hazards	& Safety Pr	ocedures			
945	ROGER GASTON	✓ Hard hat		✓ Gloves		Lockout/Ta	gout	✓ Warning Sig	ns & Flaggin	g	
208	JOSE V	☑ H2S Monitor		✓ Eye Protection		Required P	ermits	Fall Protecti	on		
538-530	DARIUS	☑ Safety Footwo	ear	Respiratory Pro	otection	✓ Slip/Trip/Fa	all Hazards	Specific Job	Sequence/Ex	pectation	ns
		☐ FRC/Protectiv	e Clothing	Additional Che	mical/Acid PPE	✓ Overhead I	Hazards	✓ Muster Poin	t/Medical Lo	cations	
		✓ Hearing Prote	ection	Fire Extinguish			concerns or i	ssues noted belov	/		
					Con	nments					
Product/ Service Code		Descr	iption		Unit of Measure	Quantity				Net A	Amount
CP055	H-Plug A				sack	280,00					4,480.00
FE290	8 5/8" Wooden Plug				ea	1.00					\$150,00
M015	Light Equipment Mile	eage			mi	80.00					\$160.00
M010	Heavy Equipment M	lileage			mi	160.00					\$640.00
M020	Ton Mileage				tm	964.00				\$	1,446.00
D014	Depth Charge 3001-	4000			job	1.00				s	2,250.00
C060	Cement Blending &	Mixing Service			sack	280.00					\$392.00
R061	Service Supervisor				day	1.00					\$275.00
				-							
											_
Custor	mer Section: On the	following scale ho	w would you rate H	Hurricane Services I	nc?				Net:	S	9,793.00
						Total Taxable	\$ -	Tax Rate:		>	<
Bas	ed on this job, how	likely is it you we	ould recommend	HSI to a colleague		Stale tax laws deel used on new wells Services relies on l information above	lo be sales lax the customer p	exempt, Hurricane rovided well	Sale Tax:	\$	
######################################	ard #1 2 3	4 5	6 7 8	9 10 н(ч		services and/or pro			Total:	\$ 9	9,793.00
	T.					HSI Represe	ntative: 4	roger gaston			
ERMS: Cash in advan- ccounts shall pay intere	ce unless Hurricane Ser est on the balance past o	vices Inc. (HSI) has a due at the rate of 1 ½	pproved credit prior t % per month or the m	to sale. Credit terms of naximum allowable by a	sale for approved acc applicable state or fed	counts are total inviteral laws. In the ev	oice due on or l vent it is neces:	before the 30th day f sary to employ an ag	rom the date of ency and/or alt	invoice. F orney to a	ast due ffect the

TERMS: Cash in advance unless furricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the bilance past due at the rate of 1 ½% per month or the maximum allowable by applicable state or federal laws, in the event it is necessary to employ an agency and/or attorney to affect the collection. Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. DISCLAMER NOTICE: Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on localful performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable servic

X	CUSTOMER AUTHORIZATION SIGNATURE
"	OCCIONAL ACTION CONTROL



CEMEN	IT TRE	ATMEN	T REP	ORT							
Cu	stomer	r: LD DRILLING Well:					CARTER #1-2 Ticket: WP 5045				
City	, State:	UTICA,	KS		County:	LANE, KS Date: 1/4/2024					
Fie	eld Rep:	RICK W	ILSON		S-T-R:		2-16S-27W	Service	: PTA		
Dov	wnhole	Informati	on		Calculated S	lurry - Lea	d	Ca	culated Slurry - Tail		
Но	le Size:	8 5/8	in		Blend:		UG A	Blend			
Hole	Depth:	4424	ft	i	Weight:	13.8		Weight			
Casir	ng Size:	4 1/2	in		Water / Sx:		gal / sx	Water / Sx	- Vindorio.		
Casing	Depth:	4813	ft		Yield:		ft³/sx	Yield	170		
Tubing	/ Liner:		in		Annular Bbls / Ft.:	0.0406	bbs / ft.	Annular Bbls / Ft.	bbs / ft.		
	Depth:		ft		Depth:	4424	ft	Depth	ft		
Tool / I	Packer:				Annular Volume:	179.6	bbis	Annular Volume	: bbls		
Tool	Depth:		ft		Excess:			Excess	:		
Displac	ement:		bbls		Total Slurry:	70.8	bbls	Total Slurry	bbis		
			STAGE	TOTAL	Total Sacks:	280	5X	Total Sacks	sx		
TIME	RATE	PSI	BBLs	BBLs	REMARKS						
9:30 AM	-			723	ARRIVE ON LOCATION						
9:33 AN				<u> </u>	RIG UP SAFETY MEETIN						
12:08 PM		50.0	5.0		PUMP 5BBL FW SPACEI						
12:11 PM		200.0	12.6		PUMP H-PLUG PPG@13		50ft				
12:22 PN		100.0	18.0		PUMP DISPLACEMENT 8	8.34					
12:31 PN				182	END PLUG 1						
1:18 PM	850	200.0	20.0	00.0	DUMP II DUUG DDGGAA	0.0001/0.40	eor.				
1:24 PN	1	200.0 150.0	20.2 11.2	31.4	PUMP H-PLUG PPG@13.		ουπ				
1:32 PM	1 1	150.0	11.2	31.4	PUMP 5BBL DISPLACEN DONE PLUG2	ICNI					
1102111				01.4	BONE 1 EUG2						
2:10 PM	15.0	210.0	12.6		PUMP CMT H-PLUG @13	.8PPG 50SP	(S 720ft				
2:16 PM		100.0	4.8		PUMP DISPLACEMENT 8						
2:23 PM					DONE PLUG 3						
2:37 PM	5.0	190.0	12.6		PUMP CMT H-PLUG@13	.8PPG 50SK	S 360ft				
2:42 PM	5.0	75.0	1.0		PUMP DISPLACEMENT						
2:43 PM					DONE 4 PLUG						
3:39 PM	2.0	20.0	5.0		PUMP CMT @13.8PPG H	PLUG 20SK	S @60FT 8 5/8 WOOD PL	UG 60ft			
3:46 PM					DONE 5 PLUG						
3:48 PM	_	90	7.5		PUMP CMT @13.8 RATHO	DLE 30SKS	surface				
4:10 PM	1				WASH UP CMT PUMP						
4:20 PM	\vdash				RIG DOWN						
5:00 PM					DEPART LOCATION						
							i .				
CREW					UNIT		1 0000000000000000000000000000000000000	SUMMAR			
	Cementer: ROGER GASTON				945		Maria Charles Control Control Control	The Control of the Co	Total Fluid		
				-		+	Average Rate	Average Pressure			
Pump Op		JOSE V	′		208		4.7 bpm	118 psi	111 bbis		