

Confidentiality Requested:

☐ Yes ☒ NoKANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed
Form must be Signed
All blanks must be FilledWELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 6039
 Name: L. D. Drilling, Inc.
 Address 1: 7 SW 26TH AVE
 Address 2: _____
 City: GREAT BEND State: KS Zip: 67530 + 6525
 Contact Person: Rashell Patten
 Phone: (620) 793-3051
 CONTRACTOR: License # 35638
 Name: L D Drilling & Exploration, LLC
 Wellsite Geologist: Kim Shoemaker
 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 #: _____

11/13/2021 11/22/2021 01/04/2022
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No.: 15-165-22176-00-00

Spot Description: _____

SW-SE-NE-NW Sec. 22 Twp. 19 S. R. 20 ☐ East ☒ West
4071 Feet from ☐ North / ☒ South Line of Section
3014 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SWGPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84County: RushLease Name: BANNISTER Well #: 1-22Field Name: BANNISTERProducing Formation: NAElevation: Ground: 2239 Kelly Bushing: 2244Total Vertical Depth: 4450 Plug Back Total Depth: 4383Amount of Surface Pipe Set and Cemented at: 264 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set: 1475 FeetIf Alternate II completion, cement circulated from: 1475feet depth to: 0 w/ 150 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 4000 ppm Fluid volume: 0 bblsDewatering method used: Evaporated

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 DistributionALT ☐ I ☒ II ☐ III Approved by: David Befort Date: 03/04/2022

Operator Name: L. D. Drilling, Inc. Lease Name: BANNISTER Well #: 1-22
 Sec. 22 Twp. 19 S. R. 20 ☐ East ☒ West County: Rush

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 ☒ Yes ☐ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☐ Yes ☒ No Cores Taken ☐ Yes ☒ No Electric Log Run ☒ Yes ☐ No Geologist Report / Mud Logs ☒ Yes ☐ No List All E. Logs Run: COMPENSATED DENSITY/NEUTRON LOG DUAL INDUCTION LOG MICRO LOG	☒ Log Formation (Top), Depth and Datum ☐ Sample Name Attached Top Attached Datum Attached
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CASING RECORD ☒ New ☐ Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.5	8.625	23	264	POZMIX	200	2%Gel,3% CC
Production	7.875	5.5	15.5	4451	H BLEND	150	NA
Production	7.875	5.5	15.5	4451	H-CONN	225	NA

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☒ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	4354-4361	CLASS A	150	
-				

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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top _____ Bottom _____
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>
4	4354	4361			500 gal 20% Acid
4	4258	4268			1500 gal 10% Acid
4	4257	4259			500 gal 15% Acid
					250 gal 10% Acid
TUBING RECORD: Size: _____ Set At: _____ Packer At: _____					

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	BANNISTER 1-22
Doc ID	1632632

Tops

Name	Top	Datum
ANHYDRITE	1446	+798
BASE ANHYDRITE	1477	+767
HEEBNER	3743	-1499
LANSING	3788	-1544
BASE KANSAS CITY	4105	-1861
PAWNEE	4208	-1964
FT SCOTT	4249	-2005
CHEROKEE	4255	-2011
MISSISSIPPI	4334	-2090

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	BANNISTER 1-22
Doc ID	1632632

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.5	8.625	23	264	POZMIX	200	2%Gel,3% CC
Production	7.875	5.5	15.5	4451	H BLEND	150	NA
Production	7.875	5.5	15.5	4451	H-CONN	225	NA



Company: L. D. Drilling, Inc

Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

November

20

2021

DST #1

Formation: Chero
Sand

Test Interval: 4255 -
4268'

Total Depth: 4268'

Time On: 06:17 11/20

Time Off: 11:32 11/20

Time On Bottom: 09:15 11/20

Time Off Bottom: 09:30 11/20

Electronic Volume
Estimate:
0'

1st Open

N/A

1st Close

N/A

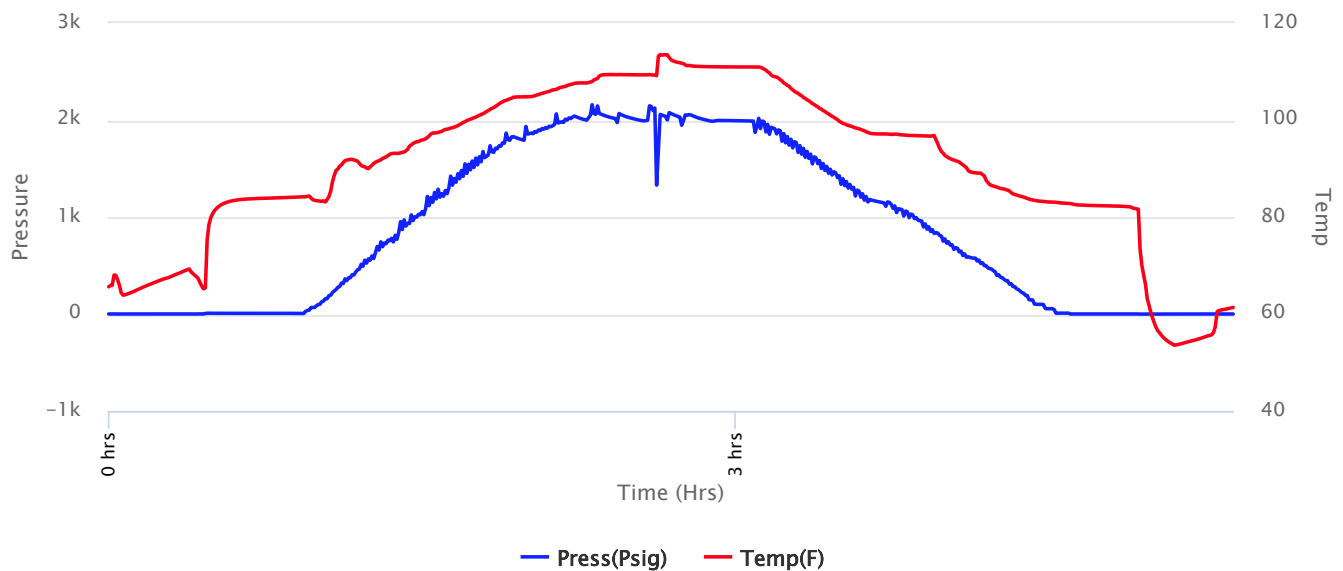
2nd Open

N/A

2nd Close

N/A

Inside Recorder





Company: L. D. Drilling, Inc

Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
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 Elevation: 2240 EGL
 Field Name: Bannister
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DST #1

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Sand

Test Interval: 4255 -
4268'

Total Depth: 4268'

Time On: 06:17 11/20

Time Off: 11:32 11/20

Time On Bottom: 09:15 11/20

Time Off Bottom: 09:30 11/20

Recovered

Foot	BBLS
267	2.73942

Description of Fluid

M

Gas %

0

Oil %

0

Water %

0

Mud %

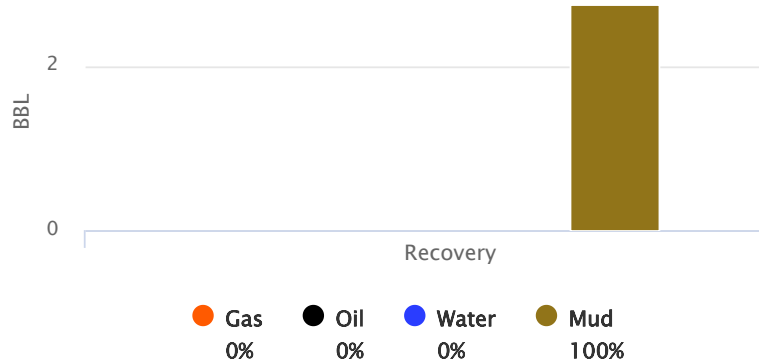
100

Total Recovered: 267 ft

Total Barrels Recovered: 2.73942

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1994	PSI
Initial Flow	0	PSI
Initial Closed in Pressure	0	PSI
Final Flow Pressure	0	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1994	PSI
Temperature	110	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



Company: L. D. Drilling, Inc
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Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

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DST #1

**Formation: Chero
Sand**

**Test Interval: 4255 -
4268'**

Total Depth: 4268'

Time On: 06:17 11/20

Time Off: 11:32 11/20

Time On Bottom: 09:15 11/20

Time Off Bottom: 09:30 11/20

BUCKET MEASUREMENT:

REMARKS:

Hit 10 feet of fill. Open Tool and Fill but couldn't keep a packer seat as we tried to slide to bottom.

Tool Sample: 0% Gas 3% Oil 0% Water 97% Mud



Company: L. D. Drilling, Inc
Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
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Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

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pressures

DATE

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DST #1

**Formation: Chero
Sand**

**Test Interval: 4255 -
4268'**

Total Depth: 4268'

Time On: 06:17 11/20

Time Off: 11:32 11/20

Time On Bottom: 09:15 11/20

Time Off Bottom: 09:30 11/20

Down Hole Makeup

Heads Up: 31.52 FT

Packer 1: 4250 FT

Drill Pipe: 4253.95 FT
ID-3 1/4

Packer 2: 4255 FT

Weight Pipe: FT
ID-2 7/8

Top Recorder: 4239.42 FT

Bottom Recorder: 4257 FT

Collars: FT
ID-2 1/4

Well Bore Size: 7 7/8

Surface Choke: 1"

Test Tool: 33.57 FT
*ID-3 1/2-FH
Jars
Safety Joint*

Bottom Choke: 5/8"

Total Anchor: 13

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): 12 FT
4 1/2-FH



Company: L. D. Drilling, Inc
Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

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DST #1

**Formation: Chero
Sand**

**Test Interval: 4255 -
4268'**

Total Depth: 4268'

Time On: 06:17 11/20

Time Off: 11:32 11/20

Time On Bottom: 09:15 11/20 Time Off Bottom: 09:30 11/20

Mud Properties

Mud Type: Chem

Weight: 9

Viscosity: 51

Filtrate: 7.2

Chlorides: 5000 ppm



Company: L. D. Drilling, Inc
Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

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pressures

DATE

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2021

DST #1

**Formation: Chero
Sand**

**Test Interval: 4255 -
4268'**

Total Depth: 4268'

Time On: 06:17 11/20

Time Off: 11:32 11/20

Time On Bottom: 09:15 11/20 Time Off Bottom: 09:30 11/20

Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Company: L. D. Drilling, Inc

Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

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2021

DST #2

Formation: Chero
Sand

Test Interval: 4234 -
4270'

Total Depth: 4270'

Time On: 19:01 11/20

Time Off: 02:45 11/21

Time On Bottom: 21:19 11/20

Time Off Bottom: 00:19 11/21

Electronic Volume
Estimate:
195'

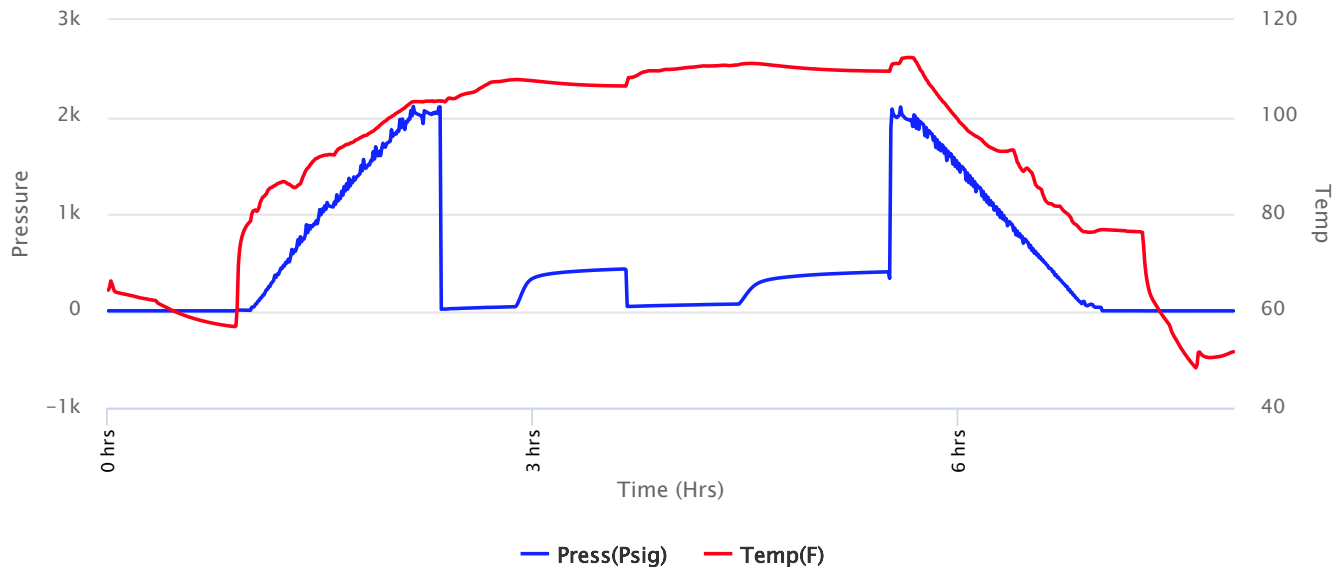
1st Open
Minutes: 30
Current Reading:
7.5" at 30 min
Max Reading: 7.5"

1st Close
Minutes: 45
Current Reading:
0" at 45 min
Max Reading: 0"

2nd Open
Minutes: 45
Current Reading:
10" at 45 min
Max Reading: 10"

2nd Close
Minutes: 60
Current Reading:
0" at 60 min
Max Reading: 0"

Inside Recorder





Company: L. D. Drilling, Inc

Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
 County: RUSH
 State: Kansas
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2240 EGL
 Field Name: Bannister
 Pool: Infield
 Job Number: 506
 API #: 15-165-22176

Operation:

Uploading recovery & pressures

DATE

November

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2021

DST #2

Formation: Chero
Sand

Test Interval: 4234 -
4270'

Total Depth: 4270'

Time On: 19:01 11/20

Time Off: 02:45 11/21

Time On Bottom: 21:19 11/20

Time Off Bottom: 00:19 11/21

Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
53	0.54378	G	100	0	0	0
10	0.1026	O	0	100	0	0
126	1.29276	HOCM	0	45	0	55

Total Recovered: 189 ft

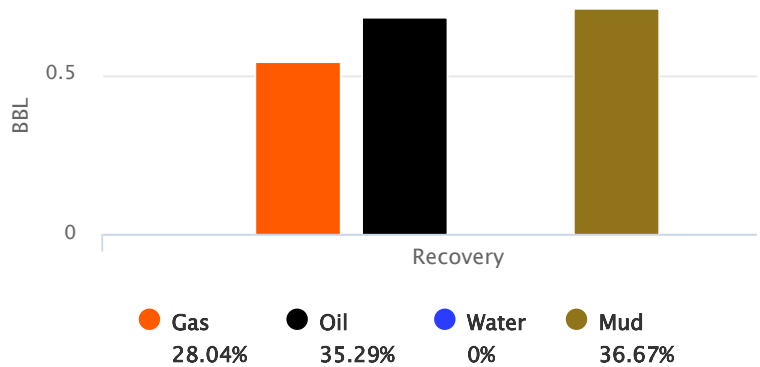
Total Barrels Recovered: 1.93914

Reversed Out
NO

Initial Hydrostatic Pressure	2025	PSI
Initial Flow	17 to 42	PSI
Initial Closed in Pressure	432	PSI
Final Flow Pressure	46 to 69	PSI
Final Closed in Pressure	403	PSI
Final Hydrostatic Pressure	2031	PSI
Temperature	112	°F

Pressure Change Initial
Close / Final Close 6.8 %

Recovery at a glance



GIP cubic foot volume: 3.05305



Company: L. D. Drilling, Inc
Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

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2021

DST #2

**Formation: Chero
Sand**

**Test Interval: 4234 -
4270'**

Total Depth: 4270'

Time On: 19:01 11/20

Time Off: 02:45 11/21

Time On Bottom: 21:19 11/20 Time Off Bottom: 00:19 11/21

BUCKET MEASUREMENT:

1st Open: WSB. Built to 7 1/2 inches in 30 minutes

1st Close: NOBB

2nd Open: WSB. Built to 10 inches in 45 minutes

2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 50% Oil 0% Water 50% Mud

Gravity: 34.1 @ 60 °F



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Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

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pressures

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DST #2

**Formation: Chero
Sand**

**Test Interval: 4234 -
4270'**

Total Depth: 4270'

Time On: 19:01 11/20

Time Off: 02:45 11/21

Time On Bottom: 21:19 11/20

Time Off Bottom: 00:19 11/21

Down Hole Makeup

Heads Up: 21.7 FT

Packer 1: 4229 FT

Drill Pipe: 4223.13 FT
ID-3 1/4

Packer 2: 4234 FT

Weight Pipe: FT
ID-2 7/8

Top Recorder: 4218.42 FT

Bottom Recorder: 1 FT

Collars: 0 FT
ID-2 1/4

Well Bore Size: 7 7/8

Surface Choke: 1"

Test Tool: 33.57 FT
*ID-3 1/2-FH
Jars
Safety Joint*

Bottom Choke: 5/8"

Total Anchor: 36

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): 35 FT
4 1/2-FH



Company: L. D. Drilling, Inc
Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

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DST #2

**Formation: Chero
Sand**

**Test Interval: 4234 -
4270'**

Total Depth: 4270'

Time On: 19:01 11/20

Time Off: 02:45 11/21

Time On Bottom: 21:19 11/20 Time Off Bottom: 00:19 11/21

Mud Properties

Mud Type: Chem

Weight: 9.1

Viscosity: 54

Filtrate: 6.4

Chlorides: 3600 ppm



Company: L. D. Drilling, Inc
Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

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2021

DST #2

**Formation: Chero
Sand**

**Test Interval: 4234 -
4270'**

Total Depth: 4270'

Time On: 19:01 11/20

Time Off: 02:45 11/21

Time On Bottom: 21:19 11/20 Time Off Bottom: 00:19 11/21

Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Company: L. D. Drilling, Inc

Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

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2021

DST #3

Formation: Miss

Test Interval: 4339 -
4351'

Total Depth: 4351'

Time On: 16:13 11/21

Time Off: 23:14 11/21

Time On Bottom: 18:17 11/21

Time Off Bottom: 20:47 11/21

Electronic Volume
Estimate:
20'

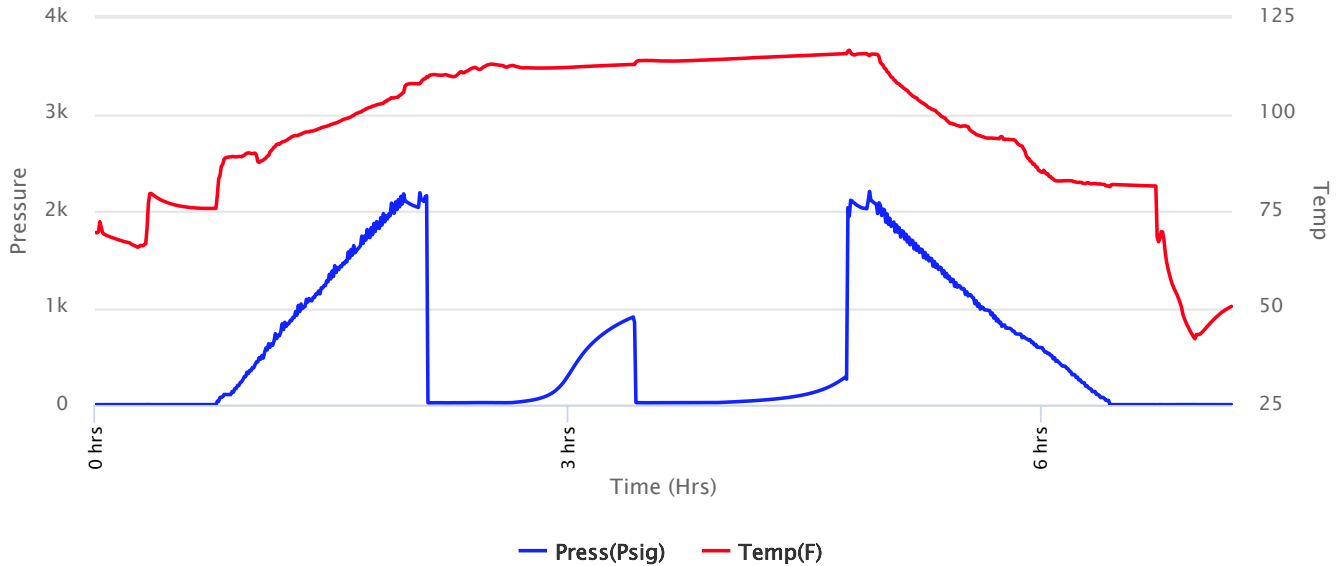
1st Open
Minutes: 30
Current Reading:
1.5" at 30 min
Max Reading: 1.5"

1st Close
Minutes: 45
Current Reading:
0" at 45 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading:
.25" at 30 min
Max Reading: .25"

2nd Close
Minutes: 45
Current Reading:
0" at 45 min
Max Reading: 0"

Inside Recorder





Company: L. D. Drilling, Inc

Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
 County: RUSH
 State: Kansas
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2240 EGL
 Field Name: Bannister
 Pool: Infield
 Job Number: 506
 API #: 15-165-22176

Operation:

Uploading recovery & pressures

DATE

November

21

2021

DST #3

Formation: Miss

Test Interval: 4339 - 4351'

Total Depth: 4351'

Time On: 16:13 11/21

Time Off: 23:14 11/21

Time On Bottom: 18:17 11/21

Time Off Bottom: 20:47 11/21

Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
5	0.0513	O	0	100	0	0
5	0.0513	SLOCM	0	15	0	85

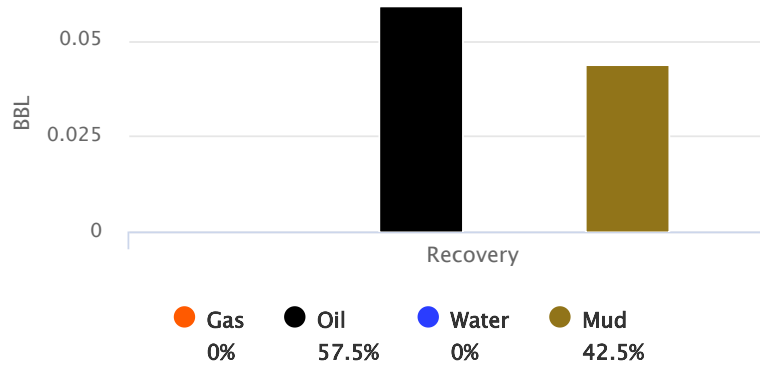
Total Recovered: 10 ft

Total Barrels Recovered: 0.1026

Reversed Out
NO

Initial Hydrostatic Pressure	2036	PSI
Initial Flow	21 to 22	PSI
Initial Closed in Pressure	906	PSI
Final Flow Pressure	23 to 23	PSI
Final Closed in Pressure	285	PSI
Final Hydrostatic Pressure	2033	PSI
Temperature	115	°F
Pressure Change Initial Close / Final Close	68.6	%

Recovery at a glance



GIP cubic foot volume: 0



Company: L. D. Drilling, Inc
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State: Kansas
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Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

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pressures

DATE

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21

2021

DST #3

Formation: Miss

**Test Interval: 4339 -
4351'**

Total Depth: 4351'

Time On: 16:13 11/21

Time Off: 23:14 11/21

Time On Bottom: 18:17 11/21

Time Off Bottom: 20:47 11/21

BUCKET MEASUREMENT:

1st Open: WSB. Built to 1 1/2 inches in 30 minutes

1st Close: NOBB

2nd Open: WSB. Built to 1/4 inch in 30 minutes

2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 10% Oil 0% Water 90% Mud

Gravity: 32.6 @ 60 °F



Company: L. D. Drilling, Inc
Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

November

21

2021

DST #3

Formation: Miss

Test Interval: 4339 - 4351'

Total Depth: 4351'

Time On: 16:13 11/21

Time Off: 23:14 11/21

Time On Bottom: 18:17 11/21

Time Off Bottom: 20:47 11/21

Down Hole Makeup

Heads Up: 10.82 FT

Packer 1: 4334 FT

Drill Pipe: 4317.25 FT
ID-3 1/4

Packer 2: 4339 FT

Weight Pipe: FT
ID-2 7/8

Top Recorder: 4323.42 FT

Bottom Recorder: 4341 FT

Collars: 0 FT
ID-2 1/4

Well Bore Size: 7 7/8

Surface Choke: 1"

Test Tool: 33.57 FT
ID-3 1/2-FH
Jars
Safety Joint

Bottom Choke: 5/8"

Total Anchor: 12

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): 11 FT
4 1/2-FH



Company: L. D. Drilling, Inc
Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

November

21

2021

DST #3

Formation: Miss

**Test Interval: 4339 -
4351'**

Total Depth: 4351'

Time On: 16:13 11/21

Time Off: 23:14 11/21

Time On Bottom: 18:17 11/21

Time Off Bottom: 20:47 11/21

Mud Properties

Mud Type: Chem

Weight: 9.2

Viscosity: 60

Filtrate: 7.2

Chlorides: 4000 ppm



Company: L. D. Drilling, Inc
Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

November

21

2021

DST #3

Formation: Miss

**Test Interval: 4339 -
4351'**

Total Depth: 4351'

Time On: 16:13 11/21

Time Off: 23:14 11/21

Time On Bottom: 18:17 11/21

Time Off Bottom: 20:47 11/21

Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Company: L. D. Drilling, Inc

Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

November
22
2021

DST #4

Formation: Miss

Test Interval: 4346 -
4366'

Total Depth: 4366'

Time On: 05:22 11/22

Time Off: 13:02 11/22

Time On Bottom: 07:32 11/22

Time Off Bottom: 10:32 11/22

Electronic Volume
Estimate:
246'

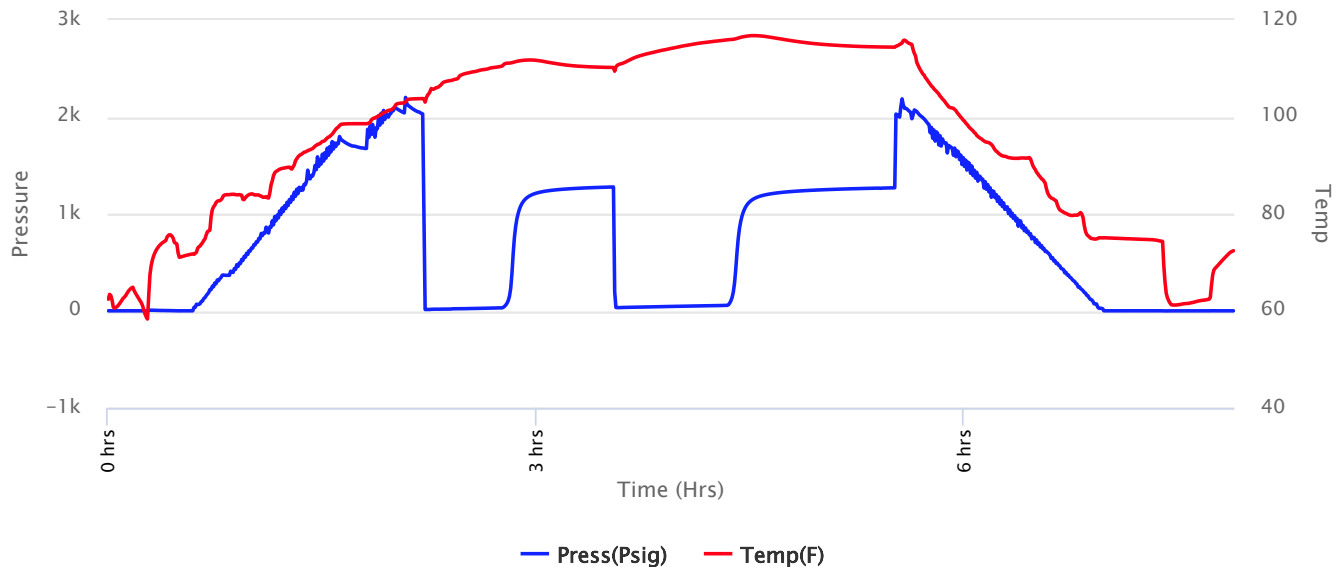
1st Open
Minutes: 30
Current Reading:
8.2" at 30 min
Max Reading: 8.2"

1st Close
Minutes: 45
Current Reading:
.25" at 45 min
Max Reading: .25"

2nd Open
Minutes: 45
Current Reading:
13" at 45 min
Max Reading: 13"

2nd Close
Minutes: 60
Current Reading:
.1" at 60 min
Max Reading: .25"

Inside Recorder





Company: L. D. Drilling, Inc

Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
 County: RUSH
 State: Kansas
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2240 EGL
 Field Name: Bannister
 Pool: Infield
 Job Number: 506
 API #: 15-165-22176

Operation:

Uploading recovery & pressures

DATE

November

22

2021

DST #4

Formation: Miss

Test Interval: 4346 - 4366'

Total Depth: 4366'

Time On: 05:22 11/22

Time Off: 13:02 11/22

Time On Bottom: 07:32 11/22

Time Off Bottom: 10:32 11/22

Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
126	1.29276	G	100	0	0	0
116	1.19016	O	0	100	0	0
10	0.1026	HOSM	0	0	0	100

Total Recovered: 252 ft

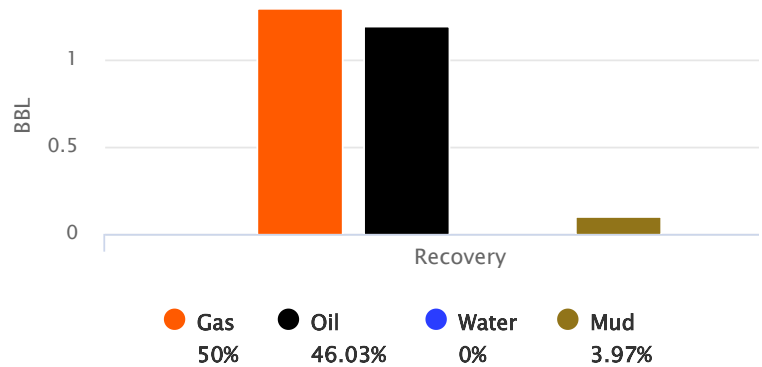
Total Barrels Recovered: 2.58552

Reversed Out
NO

Initial Hydrostatic Pressure	2041	PSI
Initial Flow	14 to 31	PSI
Initial Closed in Pressure	1278	PSI
Final Flow Pressure	34 to 57	PSI
Final Closed in Pressure	1269	PSI
Final Hydrostatic Pressure	2047	PSI
Temperature	117	°F

Pressure Change Initial
Close / Final Close 0.7 %

Recovery at a glance



GIP cubic foot volume: 7.2582



Company: L. D. Drilling, Inc
Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

November

22

2021

DST #4

Formation: Miss

**Test Interval: 4346 -
4366'**

Total Depth: 4366'

Time On: 05:22 11/22

Time Off: 13:02 11/22

Time On Bottom: 07:32 11/22 Time Off Bottom: 10:32 11/22

BUCKET MEASUREMENT:

1st Open: 1/2" Blow. Built to 8 1/4 inches in 30 minutes

1st Close: 1/4 inch Blow Back

2nd Open: 1/2" Blow. BOB in 40 minutes

2nd Close: 1/4" Blow Back

REMARKS:

Gravity: 33.2 @ 60 °F



Company: L. D. Drilling, Inc
Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

November

22

2021

DST #4

Formation: Miss

Test Interval: 4346 - 4366'

Total Depth: 4366'

Time On: 05:22 11/22

Time Off: 13:02 11/22

Time On Bottom: 07:32 11/22

Time Off Bottom: 10:32 11/22

Down Hole Makeup

Heads Up: 4.23999999999998 FT

Packer 1: 4341 FT

Drill Pipe: 4317.67 FT
ID-3 1/4

Packer 2: 4346 FT

Weight Pipe: FT
ID-2 7/8

Top Recorder: 4330.42 FT

Bottom Recorder: 4348 FT

Collars: 0 FT
ID-2 1/4

Well Bore Size: 7 7/8

Surface Choke: 1"

Test Tool: 33.57 FT
ID-3 1/2-FH
Jars
Safety Joint

Bottom Choke: 5/8"

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



Company: L. D. Drilling, Inc
Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

November

22

2021

DST #4

Formation: Miss

**Test Interval: 4346 -
4366'**

Total Depth: 4366'

Time On: 05:22 11/22

Time Off: 13:02 11/22

Time On Bottom: 07:32 11/22

Time Off Bottom: 10:32 11/22

Mud Properties

Mud Type: Chem

Weight: 9.2

Viscosity: 60

Filtrate: 7.2

Chlorides: 4000 ppm



Company: L. D. Drilling, Inc
Lease: Bannister #1-22

SEC: 22 TWN: 19S RNG: 20W
County: RUSH
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2240 EGL
Field Name: Bannister
Pool: Infield
Job Number: 506
API #: 15-165-22176

Operation:

Uploading recovery &
pressures

DATE

November

22

2021

DST #4

Formation: Miss

**Test Interval: 4346 -
4366'**

Total Depth: 4366'

Time On: 05:22 11/22

Time Off: 13:02 11/22

Time On Bottom: 07:32 11/22

Time Off Bottom: 10:32 11/22

Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-584-9709 * WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.

LEASE # 1-22 BANNISTER

FIELD BANNISTER

LOCATION 1155' FNL 2289' FWL

SEC 22 TWP 19S RGE 20W

COUNTY RUSH STATE KANSAS

CONTRACTOR L. D. DRILLING, INC.

SPUD 11-13-21 COMP 11-23-21

RTD 4450 LTO 4452

MUD UP 3403 TYPE MUD CHEMICAL

ELEVATIONS

KB 2244

DF

GL 2239

Measurements Are All
From 2244 KB

C/SING

STRENGTH 8 5/8" @ 264

PRODUCTION 5 1/2" @

ELECTRICAL SURVEYS
DUAL IND., DENS, MICRO

SUMMARY TAVED FROM 3500 TO 4450

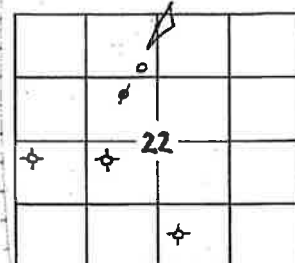
DRILLING TIME KEPT FROM 3200 TO 4450

SAMPLES EXAMINED FROM 3500 TO 4450

GEOLOGICAL SUPERVISION FROM 3700 TO 4450

GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	1446+798	1447+797
B/ANH.	1477+767	1476+768
HEEBNER	3743-1499	3742-1498
LANSING	3788-1544	3788-1544
B/KC	4105-1861	4103-1859
PAWNEE	4208-1964	4208-1964
LABETTE	4236-1992	4238-1993
FORT SCOTT	4249-2005	4248-2004
CHEROKEE	4255-2011	4256-2012
MISSISSIPPI	4334-2090	4332-2088



API: 15-165-22176

11-13-2021
11-14 @ 247'
11-15 @ 1500'
11-16 @ 2570'
11-17 @ 3120'
11-18 @ 3596'
11-19 @ 4070'
11-20 @ 4268'
11-21 @ 4290'
11-22 @ 4366'
11-23 @ 4450'

LEGEND



DRILLING TIME IN MINUTES
PER FOOT
Rate of Penetration (RPM)

DEPTH
1400

SAMPLE DESCRIPTIONS

REMARKS

ANHYDRITE 1447+797

B/ANH. 1476+768

LITHOLOGY

1500

3200

3300

3400

STOTLER

3224-980

TARKID

3274-1030

TOBEKA

3409-1165



Sh. Lt Blue

Samples are Lagged

Ls. Gy. Vsh. Foss.

Ls. Tn. Foss.

Ls. Br. Sh. Foss.

Ls. Foss.

Ls. Tn. Foss.

Sh. DEH.

Ls. Br. Vsh. Foss.

Sh. Lt. Foss.

Ls. Tn. Vsh. Foss. Sh. A

Ls. Wt. Sh. Foss. Sh. Chl. Foss.

Sh. Lt. Foss.

Ls. Tn. Vsh. Foss.

Sh. Lt. Foss.

Ls. Tn. Vsh. Foss. Sh. A

Ls. Tn. Sh. A

Ls. Tn. Vsh. Foss. Sh. A

Ls. Tn. Vsh. Foss.

Ls. Tn. Vsh. Foss.

Ls. Tn. Vsh. Foss. Sh. A

HEEBNER 3742-1498

Sh. Lt. Foss.

Sh. Lt. Blue-Gl. Foss.

Ls. Tn. Vsh. Foss. Sh. A

Sh. Lt. Foss.

LANSING 3788-1544

Ls. Tn. Vsh. Foss.

Sh. Lt. Foss.

VIS: 50 WT: 885
WL: 72 CUL: 4700

3500

3600

3700

3800

Sh. Rd. w/ly. G

Sh. Rd. Purple

Sh. Ell. Silty

ls. Th. L. Bl. V. Sil. Foss. Sil. A

ls. L. G. Dm.

Sh. Blk. Sil. G. G.

PANNEE 4208-1964

ls. Th. L. Bl. Sil. Foss. Sil. A

ls. Th. L. Sil. A. Caliche

ls. w/ sil. Foss. Sil. A

LABETTE 4238-1994
Sh. Dk. G.

Sh. Purple

FORT SCOT 4248-2004

ls. Th. w/ Sil. A. L. G. F. L. Ave.

CHEROKEE 4256-2012

Sd. Ch. G. Md. Co. G. Sil. Rd. F. T. H. G.
L. Blue. Sil. Ind. Bl. Sil. Sil. V. G. S. F.
Loose Sand. Md. Co. G. Rd. No. Foss.
Sil. Rd.

Sd. Ch. G. Md. Co. G. Sil. Rd. F. T. H. G.
Bl. Sil. Sil. G. S. F. No. Foss.

Sh. L. G. Rd.
Sd. Ch. G. Md. Co. G. Sil. Rd. F. T. H. G.
Sil. Rd. Sil. G. S. F. No. Foss. No. Dab.

Sh. Rd.

VIS: 60 WT: 92
WL: 7.2 CHL: 4000

MISSISSIPPI 4332-2088

Sh. Rd. Yellow Clay

Sh. Rd. w/ly. G. L. Bl. Sil. Rd. Sil.
Sh. Rd. Bl. Sil. Rd. Sil. Rd. Sil.
Sh. Rd. Bl. Sil. Rd. Sil. Rd. Sil.

Sh. Rd. Bl. Sil. Rd. Sil. Rd. Sil.
Sh. Rd. Bl. Sil. Rd. Sil. Rd. Sil.

VIS: 58 WT: 92
WL: 7.6 CHL: 4000

Sh. Rd. Bl. Sil. Rd. Sil. Rd. Sil.

Sh. Rd. Bl. Sil. Rd. Sil. Rd. Sil.

4200

4300

RTD 4450-2206

ls. w/ Th. Sil. Foss. Sil. A

DST (1) 4255-4268

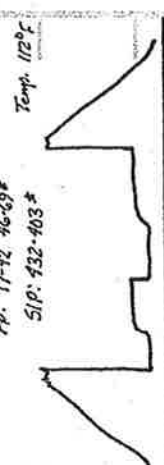
Could not get to bottom
10' Fill, attempted to open tool
packer failed

DST (2) 4234-4270

1st Open: Blow built to 7 1/2"
2nd Open: " " " 10"
30-45-45-60
Rec. 53' 6.1 P.
10' Clean Oil 34.1 GPM @ 60°F
126 VHO CM (45' oil 55.1 GPM)
TF: 136'

FP: 17-12 46-29*

SIP: 432-403*

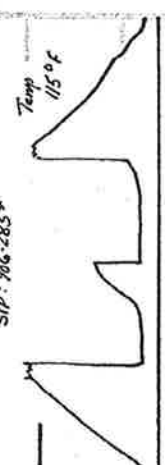


DST (3) 4339-4351

1st Open: Blow built to 1 1/2"
2nd Open: " " " 1 1/4"
30-45-30-45
Rec. 5' Clean Oil 34.1 GPM @ 60°F
5' OCM (15' oil 85.1 GPM)
TF: 10'

FP: 21-22 23-23*

SIP: 906-285*



DST (4) 4346-4366

1st Open: Blow built to 8 1/4"
2nd Open: Blow " " Bottom Bucked to min 8 1/4"
30-45-30-45
Rec. 126' 6.1 P.
116' Clean Oil 34.1 GPM @ 60°F
10' Sil. Muddy Oil
TF: 126'

FP: 14-31 34-57*

SIP: 1278-1269*





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: 11/23/2021
Invoice #: 0357142
Lease Name: Bannister
Well #: 1-22 (New)
County: Rush, Ks
Job Number: WP2122
District: Pratt

Date/Description	HRS/QTY	Rate	Total
2 Stage Longstring	0.000	0.000	0.00
H-LD Cement Blend	150.000	43.425	6,513.75
H-CON	225.000	18.900	4,252.50
H-CON	30.000	18.900	567.00
5 1/2" Floatshoe-Flapper AFU	1.000	337.500	337.50
5 1/2" 2 Stage DV Tool	1.000	4,500.000	4,500.00
Cement baskets 5 1/2"	2.000	270.000	540.00
5 1/2" Turbolizers	10.000	72.000	720.00
Mud flush	500.000	0.900	450.00
Liquid KCL Substitute 2	1.000	18.000	18.00
Light Eq Mileage	50.000	1.800	90.00
Heavy Eq Mileage	50.000	3.600	180.00
Ton Mileage	948.000	1.350	1,279.80
Cement Pump Service	1.000	2,250.000	2,250.00
Cement Plug Container	1.000	225.000	225.00
Cement Data Acquisition	1.000	225.000	225.00

Total 22,148.55

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.

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.

WE APPRECIATE YOUR BUSINESS!

TERMS: Cash in advance unless Hurricane 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 balance past due at the rate of 1 1/2% 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. **DISCLAIMER 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 location 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 services.

CUSTOMER AUTHORIZATION SIGNATURE



CEMENT TREATMENT REPORT

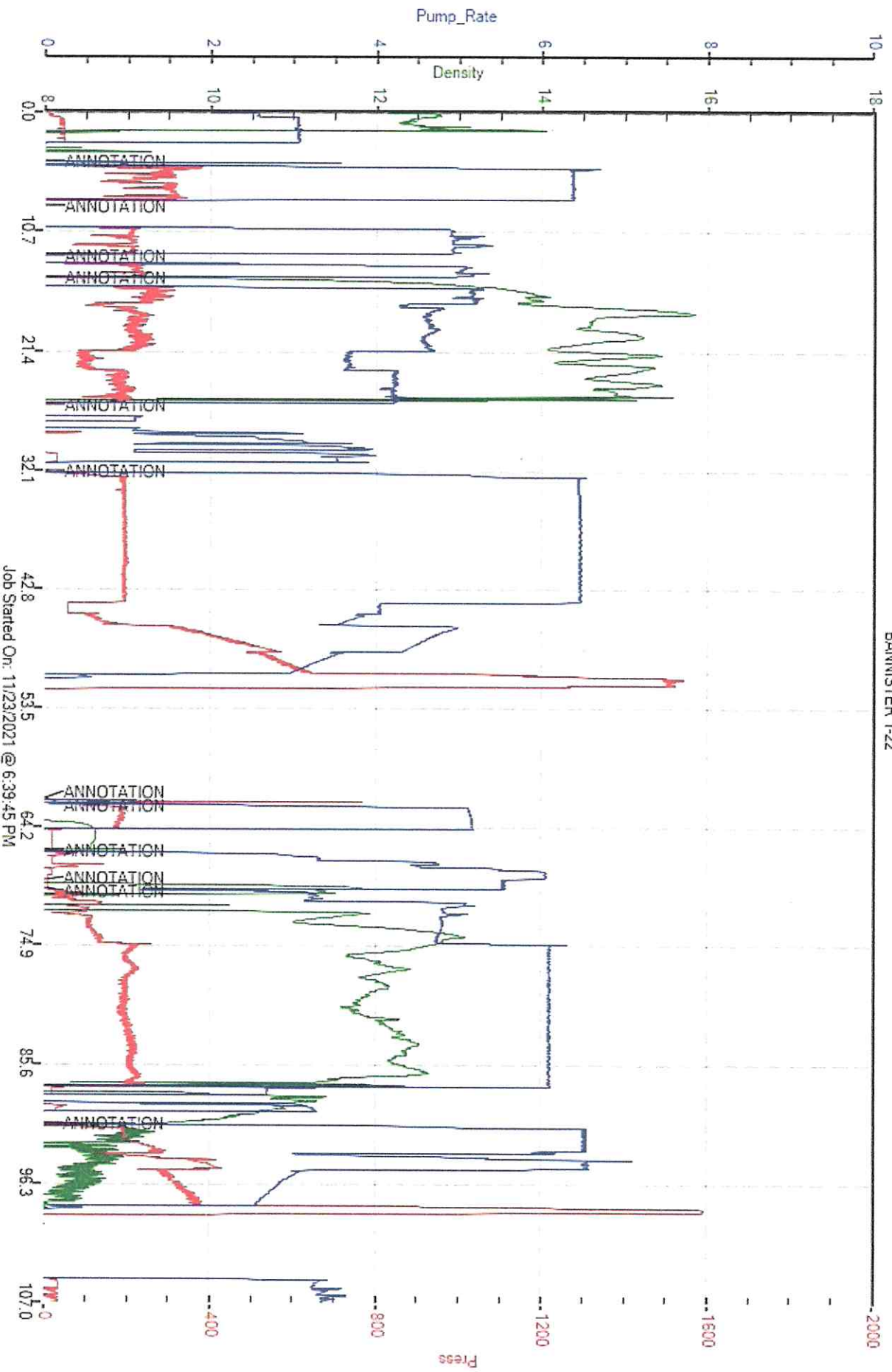
Customer:	LD DRILLING COMPANY	Well:	BANNISTER 1-22	Ticket:	WP2122
City, State:	RUSH CENTER KS	County:	RUSH KS	Date:	11/23/2021
Field Rep:	ALTON POPP	S-T-R:	22-19S-20W	Service:	2 STAGE L.S.

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	7 7/8 in	Blend:	H-LD	Blend:	H-C0N
Hole Depth:	4450 ft	Weight:	15.0 ppg	Weight:	11.8 ppg
Casing Size:	5 1/2 in	Water / Sx:	6.1 gal / sx	Water / Sx:	17.3 gal / sx
Casing Depth:	4451 ft	Yield:	1.49 ft ³ / sx	Yield:	2.99 ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	105.0 bbls	Total Slurry:	40.0 bbls	Total Slurry:	127.0 bbls
		Total Sacks:	150 sx	Total Sacks:	255 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
1:30 PM			-	-	ON LOCATION
2:16 PM				-	RUN 15.5# 5 1/2" CASING 42.37' SHOE JOINT TURBOS ON 1,2,3,4,5,6,7,8,9,72 BASKETS ON COLLAR 69, 70
4:08 PM				-	DV TOOL ON COLLAR 71 AT 1478' CASING ON BOTTOM
4:26 PM				-	HOOK TO CASING, BREAK CIRCULATION WITH RIG
5:43 PM	5.5	260.0	20.0	20.0	PUMP 20 BBL KCL WATER
5:49 PM	5.0	210.0	12.0	32.0	PUMP 12 BBL MUD FLUSH
5:51 PM	5.0	240.0	5.0	37.0	PUMP 5 BBL WATER
5:38 PM	1.0	25.0	7.0	44.0	MIX 30 SKS H-CON FOR RATHOLE
5:53 PM	5.6	200.0	40.0	84.0	MIX 150 SKS H-LD
6:05 PM	4.0	25.0	4.0	88.0	WASH PUMP AND LINE, DROP PLUG
6:10 PM	6.5	190.0	80.0	168.0	START WATER DISPLACEMENT
6:23 PM	6.0	300.0	80.0	248.0	START MUD DISPLACEMENT
6:23 PM	6.0	300.0	80.0	328.0	LIFT PRESSURE
6:24 PM	3.5	500.0	95.0	423.0	SLOW RATE
6:29 PM		1,500.0	105.0	528.0	PLUG DOWN, released and held
6:32 PM				528.0	DROP OPENING TOOL
6:40 PM		750.0		528.0	OPEN TOOL
6:47 PM	3.3	70.0	120.0	648.0	MIX 225 SKS H-CON
7:07 PM	4.0	25.0	4.0	652.0	WASH PUMP AND LINE, DROP PLUG
7:09 PM	6.5	190.0		652.0	START DISPLACEMENT
7:13 PM	3.0	300.0	25.0	677.0	SLOW RATE
7:20 PM		1,500.0	35.0	712.0	PLUG DOWN, released and held
					CEMENT TO SURFACE
				-	
				-	
				-	JOB COMPLETE, THANK YOU!
				-	MIKE MATTAL RILEY & BRIAN

CREW		UNIT	SUMMARY		
Cementer:	MATTAL	912	Average Rate	Average Pressure	Total Fluid
Pump Operator:	OSBORN	176/522	4.6 bpm	387 psi	712 bbls
Bulk #1:	WHITFIELD	181/533			
Bulk #2:	SCOTTY				

LD DRILLING BANNISTER 1-22





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: 1/4/2022
Invoice #: 0358024
Lease Name: Bannister
Well #: 1-22
County: Rush, Ks
Job Number: WP2274
District: Pratt

Date/Description	HRS/QTY	Rate	Total
PTA	0.000	0.000	0.00
H-Plug	240.000	11.960	2,870.40
Hulls	4.000	46.000	184.00
Light Eq Mileage	50.000	1.840	92.00
Heavy Eq Mileage	50.000	3.680	184.00
Ton Mileage	536.600	1.380	740.56
Depth Charge 4001'-5000'	1.000	2,300.000	2,300.00

Net Invoice	6,370.96
Sales Tax:	312.86
Total	6,683.82

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.

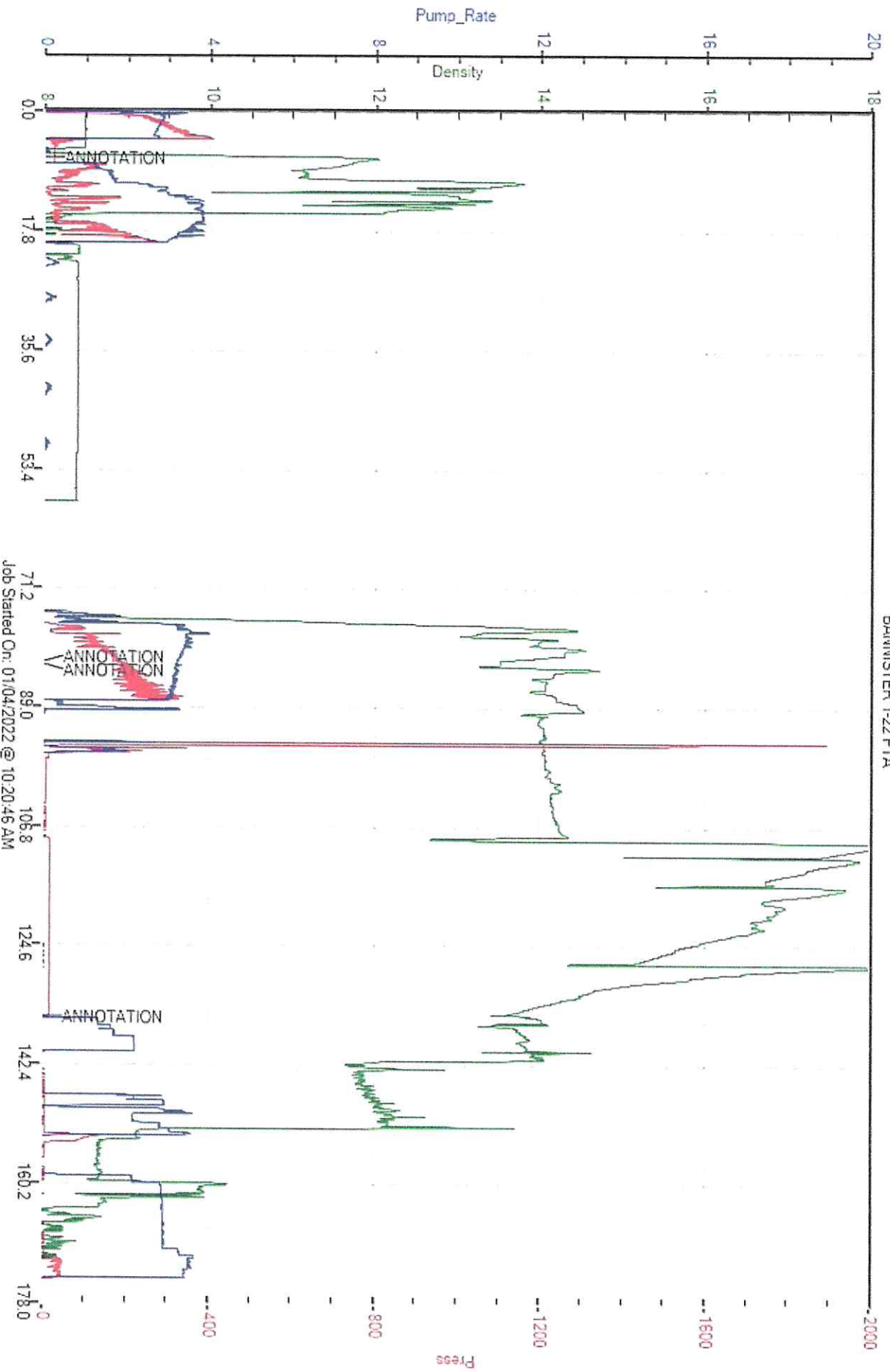
SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!

TERMS: Cash in advance unless Hurricane 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 balance past due at the rate of 1 1/2% 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. **DISCLAIMER 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 location 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 services.

ftv: 15-2021/01/25
mplv: 236-2021/12/16

LD DRILLING BANNISTER 1-22 PTA





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: 11/13/2021
Invoice #: 0356702
Lease Name: Bannister
Well #: 1-22 (New)
County: Rush, Ks
Job Number: WP2091
District: Pratt

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
Cement Pozmix 60/40	200.000	11.700	2,340.00
Calcium Chloride	516.000	0.675	348.30
Cello Flake	50.000	1.575	78.75
Light Eq Mileage	50.000	1.800	90.00
Heavy Eq Mileage	50.000	3.600	180.00
Ton Mileage	430.000	1.350	580.50
Depth Charge 0'-500'	1.000	900.000	900.00

Total 4,517.55

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CUSTOMER AUTHORIZATION SIGNATURE



HURRICANE SERVICES INC

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: 12/23/2021
Invoice #: 0357841
Lease Name: Bannister
Well #: 1-22 (New)
County: Rush, Ks
Job Number: WP2252
District: Pratt

Date/Description	HRS/QTY	Rate	Total
Squeeze New Well	0.000	0.000	0.00
Cement Class A	150.000	15.300	2,295.00
Light Eq Mileage	50.000	1.800	90.00
Heavy Eq Mileage	50.000	3.600	180.00
Ton Mileage	353.000	1.350	476.55
Depth Charge 4001'-5000'	1.000	2,250.000	2,250.00
Cement Squeeze Manifold	1.000	270.000	270.00
Cement Data Acquisition	1.000	225.000	225.00

Total 5,786.55

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x 

ftv: 15-2021/01/25
mply: 236-2021/12/16

LD DRILLING BANNISTER 1-22 SQUJ

