

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
April
14
2021

DST #2 **Formation: Topeka** **Test Interval: 3646 - 3730'** **Total Depth: 3730'**
Time On: 12:41 04/14 Time Off: 19:33 04/14
Time On Bottom: 14:30 04/14 Time Off Bottom: 17:00 04/14

Electronic Volume Estimate:
2004'

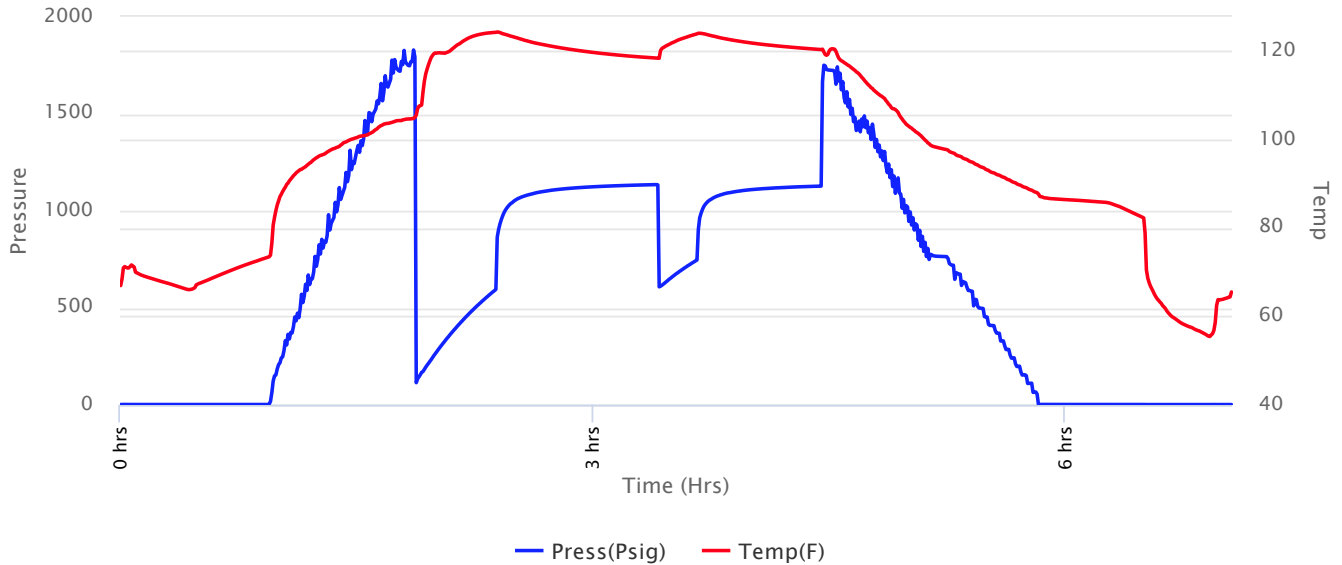
1st Open
Minutes: 30
Current Reading:
166.5" at 30 min
Max Reading: 166.5"

1st Close
Minutes: 60
Current Reading:
0" at 60 min
Max Reading: 0"

2nd Open
Minutes: 15
Current Reading:
60.0" at 15 min
Max Reading: 60.0"

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

Inside Recorder





Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
 County: SHERIDAN
 State: Kansas
 Drilling Contractor: STP Drilling, LLC - Rig 1
 Elevation: 2817 EGL
 Field Name: Hoxie West
 Pool: Infield
 Job Number: 475
 API #: 15-179-21471-00-00

Operation:
 Uploading recovery & pressures

DATE
 April
14
 2021

DST #2 **Formation: Topeka** **Test Interval: 3646 - 3730'** **Total Depth: 3730'**
 Time On: 12:41 04/14 Time Off: 19:33 04/14
 Time On Bottom: 14:30 04/14 Time Off Bottom: 17:00 04/14

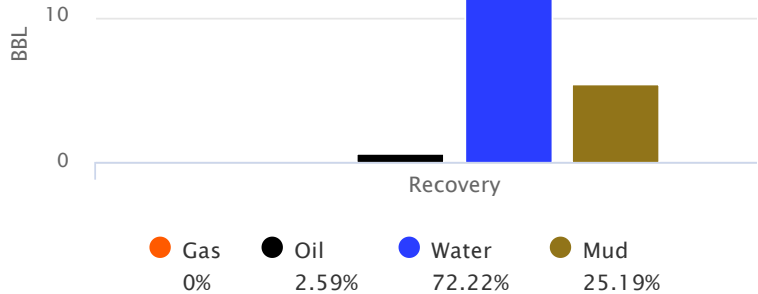
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
75	1.06725	M (trace O)	0	.1	0	99.9
875	12.45125	SLOCHMCW	0	3	64	33
315	4.48245	SLMCSLOCW	0	4	92	4
315	3.3872216	SLMCW	0	0	99	1

Total Recovered: 1580 ft
 Total Barrels Recovered: 21.3881716

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1748	PSI
Initial Flow	114 to 595	PSI
Initial Closed in Pressure	1134	PSI
Final Flow Pressure	608 to 746	PSI
Final Closed in Pressure	1127	PSI
Final Hydrostatic Pressure	1748	PSI
Temperature	125	°F
Pressure Change Initial Close / Final Close	0.6	%

GIP cubic foot volume: 0



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

DATE
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DST #2 Formation: Topeka Test Interval: 3646 - Total Depth: 3730'
3730'
Time On: 12:41 04/14 Time Off: 19:33 04/14
Time On Bottom: 14:30 04/14 Time Off Bottom: 17:00 04/14

BUCKET MEASUREMENT:

1st Open: 2 1/2" blow building to BOB 2 min.
1st Close: No BB
2nd Open: 1 1/2" blow building to BOB 2 1/2 min.
2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas 0% Oil 100% Water 0% Mud
Ph: 6.5
Measured RW: .23 @ 65 degrees °F
RW at Formation Temp: 0.125 @ 125 °F
Chlorides: 40,000 ppm



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #2 Formation: Topeka Test Interval: 3646 - 3730' Total Depth: 3730'
Time On: 12:41 04/14 Time Off: 19:33 04/14
Time On Bottom: 14:30 04/14 Time Off Bottom: 17:00 04/14

Down Hole Makeup

Heads Up: 11.59 FT	Packer 1: 3640.72 FT
Drill Pipe: 3507.1 FT <i>ID-3 1/2</i>	Packer 2: 3645.72 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3630.14 FT
Collars: 117.64 FT <i>ID-2 1/4</i>	Bottom Recorder: 3718 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 84.28	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 5 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 63.28 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 13 FT <i>4 1/2-FH</i>	



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

DATE
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DST #2 Formation: Topeka Test Interval: 3646 - Total Depth: 3730'
3730'
Time On: 12:41 04/14 Time Off: 19:33 04/14
Time On Bottom: 14:30 04/14 Time Off Bottom: 17:00 04/14

Mud Properties

Mud Type: Chemical **Weight:** 8.9 **Viscosity:** 63 **Filtrate:** 6.8 **Chlorides:** 1,400 ppm



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #2 Formation: Topeka Test Interval: 3646 - 3730' Total Depth: 3730'
Time On: 12:41 04/14 Time Off: 19:33 04/14
Time On Bottom: 14:30 04/14 Time Off Bottom: 17:00 04/14

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

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DST #3 **Formation: LeComton** **Test Interval: 3797 - 3837'** **Total Depth: 3837'**
Time On: 04:23 04/15 Time Off: 11:02 04/15
Time On Bottom: 06:25 04/15 Time Off Bottom: 08:40 04/15

Electronic Volume Estimate:
1779'

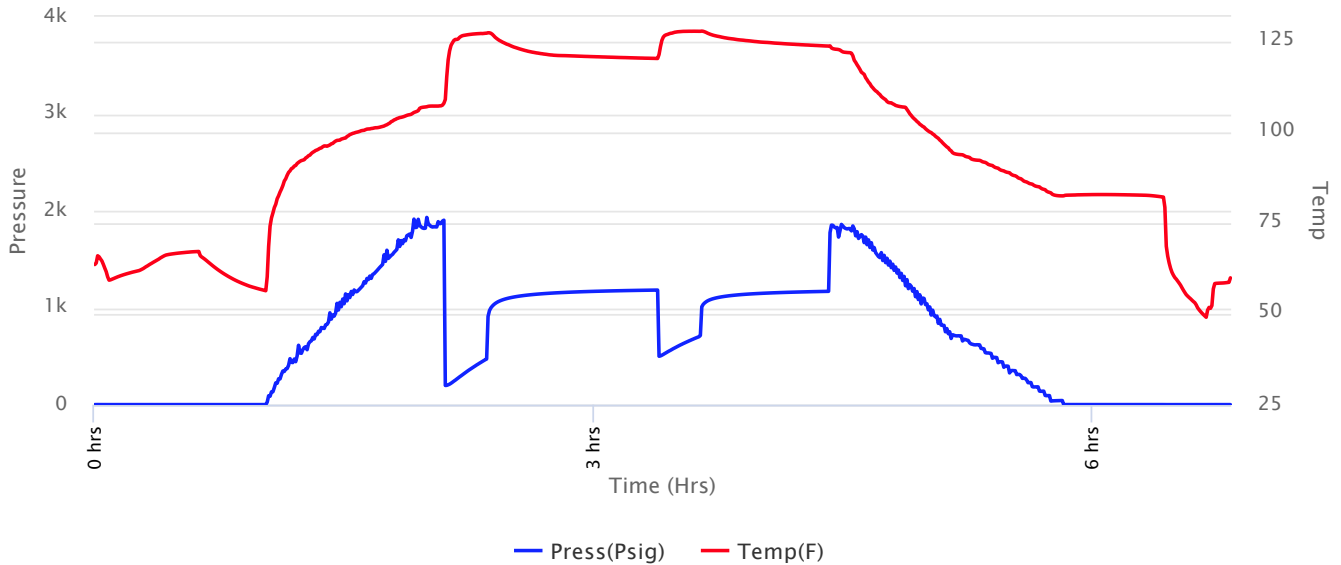
1st Open
Minutes: 15
Current Reading: 110.0" at 15 min
Max Reading: 110.0"

1st Close
Minutes: 60
Current Reading: 0" at 60 min
Max Reading: 0"

2nd Open
Minutes: 15
Current Reading: 83.6" at 15 min
Max Reading: 83.6"

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

Inside Recorder





Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
 County: SHERIDAN
 State: Kansas
 Drilling Contractor: STP Drilling, LLC - Rig 1
 Elevation: 2817 EGL
 Field Name: Hoxie West
 Pool: Infield
 Job Number: 475
 API #: 15-179-21471-00-00

Operation:
 Uploading recovery & pressures

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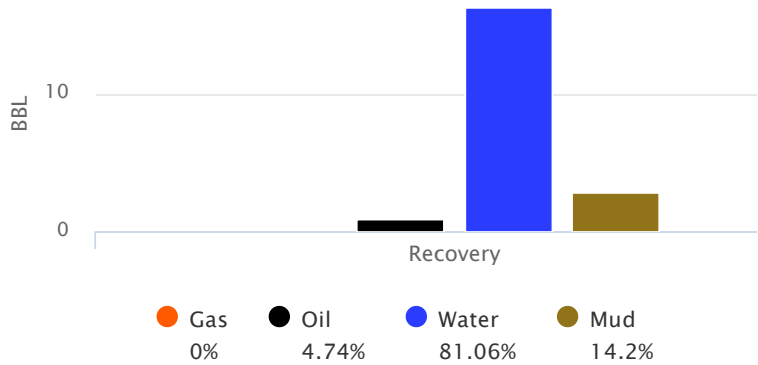
DST #3 **Formation: LeComton** **Test Interval: 3797 - 3837'** **Total Depth: 3837'**
 Time On: 04:23 04/15 Time Off: 11:02 04/15
 Time On Bottom: 06:25 04/15 Time Off Bottom: 08:40 04/15

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
365	5.19395	SLOCHMCW	0	4	64	32
1125	14.9135216	SLOCSLMCW	0	5	87	8

Total Recovered: 1490 ft
 Total Barrels Recovered: 20.1074716

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1869	PSI
Initial Flow	198 to 472	PSI
Initial Closed in Pressure	1182	PSI
Final Flow Pressure	500 to 713	PSI
Final Closed in Pressure	1169	PSI
Final Hydrostatic Pressure	1852	PSI
Temperature	128	°F
Pressure Change Initial Close / Final Close	1.1	%

GIP cubic foot volume: 0



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

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DST #3 **Formation:**
LeComton **Test Interval: 3797 -** **Total Depth: 3837'**
Time On: 04:23 04/15 Time Off: 11:02 04/15
Time On Bottom: 06:25 04/15 Time Off Bottom: 08:40 04/15

BUCKET MEASUREMENT:

1st Open: 3 1/2" blow building to BOB 1 1/2 min.
1st Close: Surface BB
2nd Open: 3 1/2" blow building to BOB 1 1/2 min.
2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas 4% Oil 95% Water 1% Mud
Ph: 7.0
Measured RW: .26 @ 60 degrees °F
RW at Formation Temp: 0.129 @ 128 °F
Chlorides: 39,000 ppm



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

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DST #3 **Formation:** LeComton **Test Interval:** 3797 - 3837' **Total Depth:** 3837'
Time On: 04:23 04/15 Time Off: 11:02 04/15
Time On Bottom: 06:25 04/15 Time Off Bottom: 08:40 04/15

Down Hole Makeup

Heads Up: 18.36 FT	Packer 1: 3792 FT
Drill Pipe: 3665.15 FT <i>ID-3 1/2</i>	Packer 2: 3797 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3781.42 FT
Collars: 117.64 FT <i>ID-2 1/4</i>	Bottom Recorder: 3799 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 40	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 0 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 39 FT <i>4 1/2-FH</i>	



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

DATE
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DST #3 **Formation:**
LeComton **Test Interval: 3797 -**
3837' **Total Depth: 3837'**
Time On: 04:23 04/15 Time Off: 11:02 04/15
Time On Bottom: 06:25 04/15 Time Off Bottom: 08:40 04/15

Mud Properties

Mud Type: Chemical **Weight:** 8.9 **Viscosity:** 63 **Filtrate:** 6.8 **Chlorides:** 1,400 ppm



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

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DST #3 **Formation: LeComton** **Test Interval: 3797 - 3837'** **Total Depth: 3837'**
Time On: 04:23 04/15 Time Off: 11:02 04/15
Time On Bottom: 06:25 04/15 Time Off Bottom: 08:40 04/15

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #4 **Formation: Oread** **Test Interval: 3837 - 3870'** **Total Depth: 3870'**
Time On: 17:28 04/15 Time Off: 00:48 04/16
Time On Bottom: 19:29 04/15 Time Off Bottom: 22:29 04/15

Electronic Volume Estimate:
922'

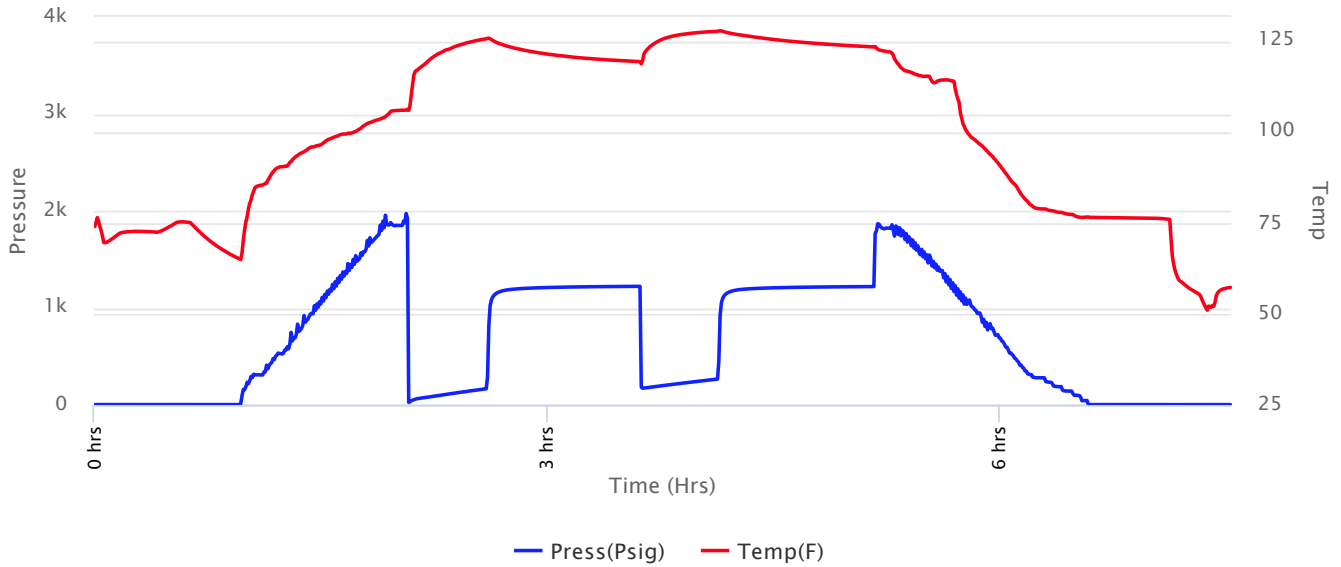
1st Open
Minutes: 30
Current Reading:
47.5" at 30 min
Max Reading: 47.5"

1st Close
Minutes: 60
Current Reading:
7.0" at 60 min
Max Reading: 7.0"

2nd Open
Minutes: 30
Current Reading:
29.3" at 30 min
Max Reading: 29.3"

2nd Close
Minutes: 60
Current Reading:
5.5" at 60 min
Max Reading: 5.5"

Inside Recorder





Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
April
15
2021

DST #4 **Formation: Oread** **Test Interval: 3837 - 3870'** **Total Depth: 3870'**
Time On: 17:28 04/15 Time Off: 00:48 04/16
Time On Bottom: 19:29 04/15 Time Off Bottom: 22:29 04/15

Recovered

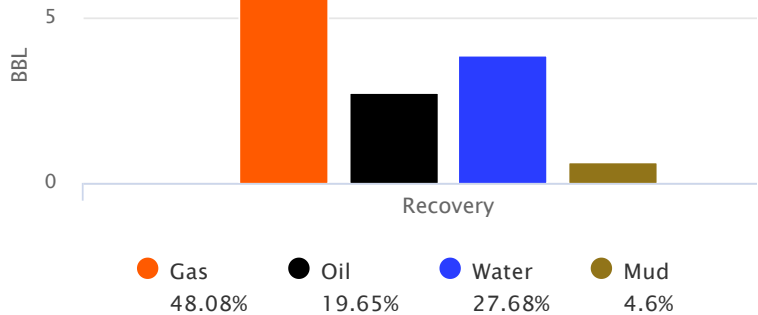
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
475	6.75925	G	100	0	0	0
155	2.20565	O	0	100	0	0
125	1.77875	OCMCW	0	22	51	27
310	3.3160716	SLMCSLOCW	0	5	90	5

Total Recovered: 1065 ft
Total Barrels Recovered: 14.0597216

Reversed Out
NO

Initial Hydrostatic Pressure	1875	PSI
Initial Flow	23 to 164	PSI
Initial Closed in Pressure	1221	PSI
Final Flow Pressure	170 to 264	PSI
Final Closed in Pressure	1218	PSI
Final Hydrostatic Pressure	1866	PSI
Temperature	128	°F
Pressure Change Initial Close / Final Close	0.2	%

Recovery at a glance



GIP cubic foot volume: 37.94981



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

DATE
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DST #4 Formation: Oread Test Interval: 3837 - Total Depth: 3870'
3870'
Time On: 17:28 04/15 Time Off: 00:48 04/16
Time On Bottom: 19:29 04/15 Time Off Bottom: 22:29 04/15

BUCKET MEASUREMENT:

1st Open: 1" blow building to BOB 6 1/2 min.
1st Close: 7" BB
2nd Open: Surface blow building to BOB 12 min.
2nd Close: 5 1/4" BB

REMARKS:

Tool Sample: 0% Gas 24% Oil 69% Water 7% Mud
Gravity: 33.3 @ 60 °F
Ph: 7.0
Measured RW: .23 @ 60 degrees °F
RW at Formation Temp: 0.114 @ 128 °F
Chlorides: 36,000 ppm



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #4 Formation: Oread Test Interval: 3837 - 3870' Total Depth: 3870'
Time On: 17:28 04/15 Time Off: 00:48 04/16
Time On Bottom: 19:29 04/15 Time Off Bottom: 22:29 04/15

Down Hole Makeup

Heads Up: 9.54999999999998 FT	Packer 1: 3832 FT
Drill Pipe: 3696.34 FT <i>ID-3 1/2</i>	Packer 2: 3837 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3821.42 FT
Collars: 117.64 FT <i>ID-2 1/4</i>	Bottom Recorder: 3839 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 33	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 0 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 32 FT <i>4 1/2-FH</i>	



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

DATE
April
15
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DST #4 **Formation: Oread** **Test Interval: 3837 - 3870'** **Total Depth: 3870'**
Time On: 17:28 04/15 Time Off: 00:48 04/16
Time On Bottom: 19:29 04/15 Time Off Bottom: 22:29 04/15

Mud Properties

Mud Type: Chemical **Weight:** 9.1 **Viscosity:** 55 **Filtrate:** 7.2 **Chlorides:** 2,700 ppm



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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15
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DST #4 Formation: Oread Test Interval: 3837 - 3870' Total Depth: 3870'
Time On: 17:28 04/15 Time Off: 00:48 04/16
Time On Bottom: 19:29 04/15 Time Off Bottom: 22:29 04/15

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #5 **Formation: L/KC "A-C"** **Test Interval: 3905 - 3957'** **Total Depth: 3957'**
Time On: 12:29 04/16 Time Off: 20:05 04/16
Time On Bottom: 14:39 04/16 Time Off Bottom: 17:39 04/16

Electronic Volume Estimate:
629'

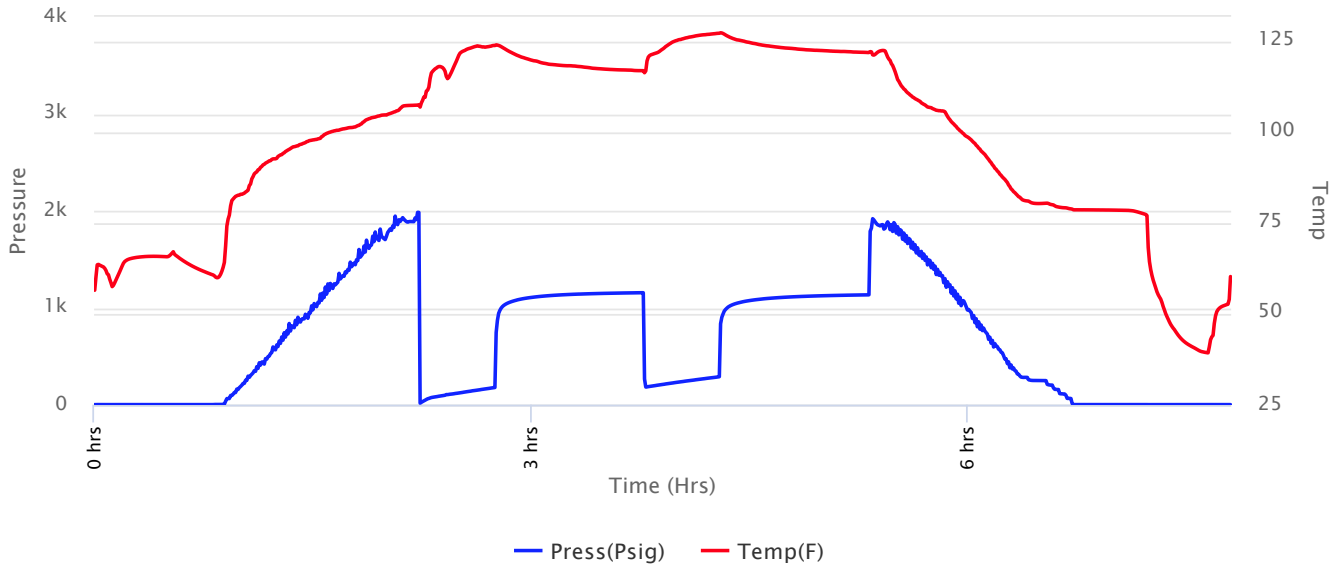
1st Open
Minutes: 30
Current Reading: 31.0" at 30 min
Max Reading: 31.0"

1st Close
Minutes: 60
Current Reading: 0" at 60 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading: 24.3" at 30 min
Max Reading: 24.3"

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

Inside Recorder





Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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2021

DST #5 **Formation: L/KC "A-C"** **Test Interval: 3905 - 3957'** **Total Depth: 3957'**
Time On: 12:29 04/16 Time Off: 20:05 04/16
Time On Bottom: 14:39 04/16 Time Off Bottom: 17:39 04/16

Recovered

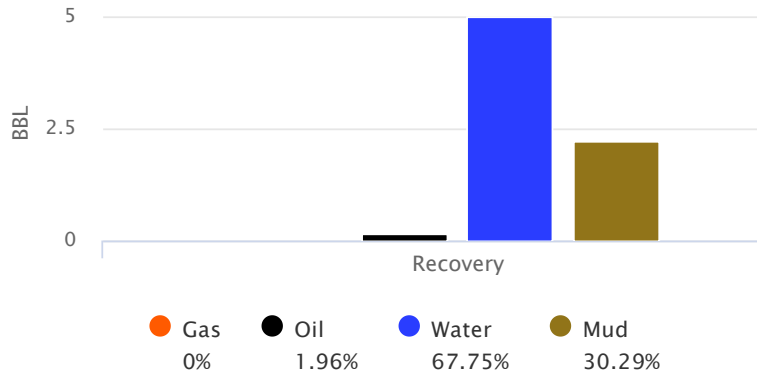
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
100	1.423	SLOCHWCM	0	9	45	46
250	3.5575	HMCW (trace O)	0	.4	58.6	41
245	2.3911216	SLMCW (trace O)	0	.1	94.9	5

Total Recovered: 595 ft
Total Barrels Recovered: 7.3716216

Reversed Out
NO

Initial Hydrostatic Pressure	1909	PSI
Initial Flow	16 to 177	PSI
Initial Closed in Pressure	1155	PSI
Final Flow Pressure	182 to 289	PSI
Final Closed in Pressure	1133	PSI
Final Hydrostatic Pressure	1904	PSI
Temperature	128	°F
Pressure Change Initial Close / Final Close	1.9	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

DATE
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**DST #5 Formation: L/KC "A-
C" Test Interval: 3905 - Total Depth: 3957'**
Time On: 12:29 04/16 Time Off: 20:05 04/16
Time On Bottom: 14:39 04/16 Time Off Bottom: 17:39 04/16

BUCKET MEASUREMENT:

1st Open: 1/2" blow building to BOB 11 min.

1st Close: No BB

2nd Open: Surface blow building to BOB 15 min.

2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas .1% Oil 98.9% Water 1% Mud

Ph: 8.0

Measured RW: .31 @ 56 degrees °F

RW at Formation Temp: 0.144 @ 128 °F

Chlorides: 31,000 ppm



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

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DST #5 Formation: L/KC "A-C" Test Interval: 3905 - 3957' Total Depth: 3957'
Time On: 12:29 04/16 Time Off: 20:05 04/16
Time On Bottom: 14:39 04/16 Time Off Bottom: 17:39 04/16

Down Hole Makeup

Heads Up: 5.4699999999997 FT	Packer 1: 3899.63 FT
Drill Pipe: 3759.89 FT <i>ID-3 1/2</i>	Packer 2: 3904.63 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3889.05 FT
Collars: 117.64 FT <i>ID-2 1/4</i>	Bottom Recorder: 3945 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 52.37	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 5 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.37 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 13 FT <i>4 1/2-FH</i>	



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

DATE
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**DST #5 Formation: L/KC "A-
C" Test Interval: 3905 -
3957' Total Depth: 3957'**
Time On: 12:29 04/16 Time Off: 20:05 04/16
Time On Bottom: 14:39 04/16 Time Off Bottom: 17:39 04/16

Mud Properties

Mud Type: Chemical **Weight:** 9.3 **Viscosity:** 55 **Filtrate:** 7.6 **Chlorides:** 4,000 ppm



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #5 Formation: L/KC "A-C"
Test Interval: 3905 - 3957'
Total Depth: 3957'
Time On: 12:29 04/16 Time Off: 20:05 04/16
Time On Bottom: 14:39 04/16 Time Off Bottom: 17:39 04/16

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #6 **Formation: L/KC "H"** **Test Interval: 4034 - 4066'** **Total Depth: 4066'**

Time On: 08:26 04/17 Time Off: 15:51 04/17
Time On Bottom: 10:35 04/17 Time Off Bottom: 13:35 04/17

Electronic Volume Estimate:
41'

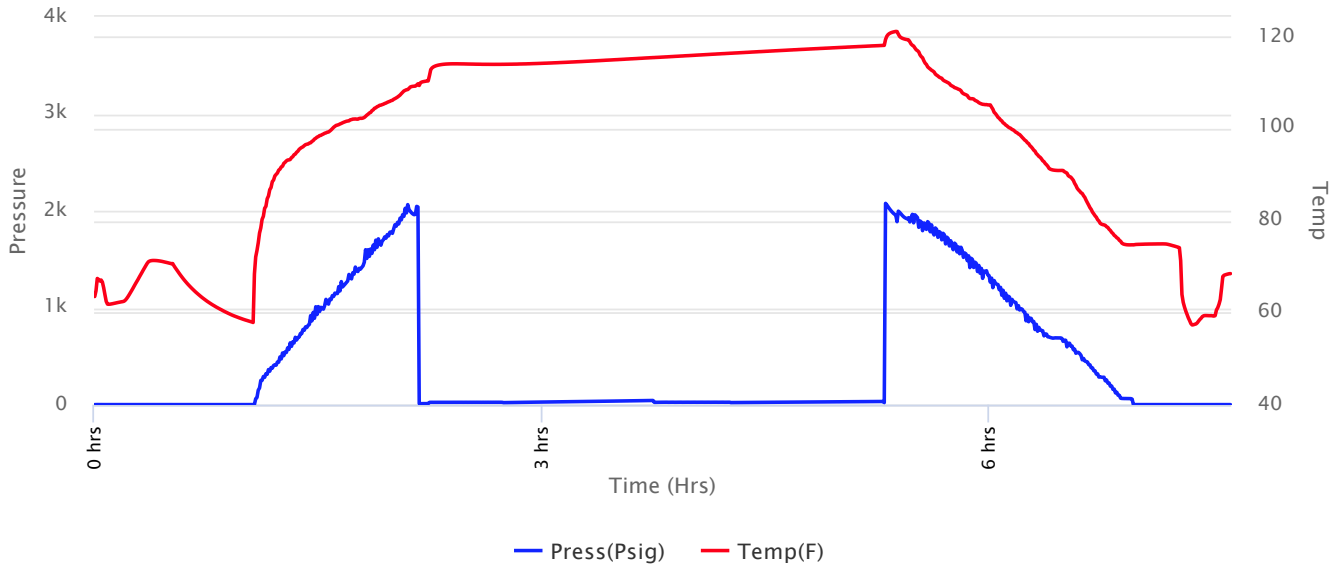
1st Open
Minutes: 30
Current Reading:
1.3" at 30 min
Max Reading: 1.3"

1st Close
Minutes: 60
Current Reading:
0" at 60 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

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

Inside Recorder





Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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2021

DST #6 **Formation: L/KC "H"** **Test Interval: 4034 - 4066'** **Total Depth: 4066'**
Time On: 08:26 04/17 Time Off: 15:51 04/17
Time On Bottom: 10:35 04/17 Time Off Bottom: 13:35 04/17

Recovered

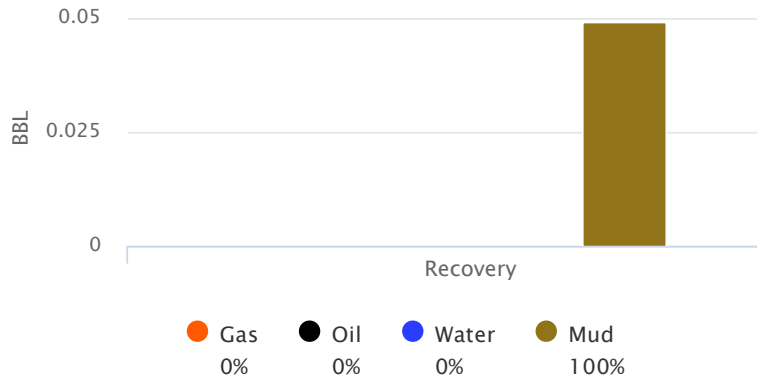
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
10	0.0492	M	0	0	0	100

Total Recovered: 10 ft
Total Barrels Recovered: 0.0492

Reversed Out
NO

Initial Hydrostatic Pressure	1959	PSI
Initial Flow	10 to 24	PSI
Initial Closed in Pressure	44	PSI
Final Flow Pressure	24 to 26	PSI
Final Closed in Pressure	33	PSI
Final Hydrostatic Pressure	1956	PSI
Temperature	119	°F
Pressure Change Initial Close / Final Close	23.8	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

DATE
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2021

DST #6 Formation: L/KC "H" Test Interval: 4034 - Total Depth: 4066'
4066'
Time On: 08:26 04/17 Time Off: 15:51 04/17
Time On Bottom: 10:35 04/17 Time Off Bottom: 13:35 04/17

BUCKET MEASUREMENT:

1st Open: 1/4" blow building to 1"
1st Close: No BB
2nd Open: Surface blow lasting 24 min.
2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas .1% Oil 0% Water 99.9% Mud



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #6 Formation: L/KC "H" Test Interval: 4034 - 4066' Total Depth: 4066'
Time On: 08:26 04/17 Time Off: 15:51 04/17
Time On Bottom: 10:35 04/17 Time Off Bottom: 13:35 04/17

Down Hole Makeup

Heads Up: 34.86 FT	Packer 1: 4029 FT
Drill Pipe: 3918.65 FT <i>ID-3 1/2</i>	Packer 2: 4034 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4018.42 FT
Collars: 117.64 FT <i>ID-2 1/4</i>	Bottom Recorder: 4036 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 32	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 0 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 31 FT <i>4 1/2-FH</i>	



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
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DATE
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DST #6 Formation: L/KC "H" Test Interval: 4034 - Total Depth: 4066'
4066'

Time On: 08:26 04/17 Time Off: 15:51 04/17
Time On Bottom: 10:35 04/17 Time Off Bottom: 13:35 04/17

Mud Properties

Mud Type: Chemical **Weight:** 9.3 **Viscosity:** 55 **Filtrate:** 7.6 **Chlorides:** 4,000 ppm



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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17
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DST #6 Formation: L/KC "H" Test Interval: 4034 - 4066' Total Depth: 4066'
Time On: 08:26 04/17 Time Off: 15:51 04/17
Time On Bottom: 10:35 04/17 Time Off Bottom: 13:35 04/17

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

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DST #7 Formation: L/KC "J" Test Interval: 4086 - 4112' Total Depth: 4112'
Time On: 23:54 04/18 Time Off: 07:24 04/18
Time On Bottom: 01:55 04/18 Time Off Bottom: 04:55 04/18

Electronic Volume Estimate:
419'

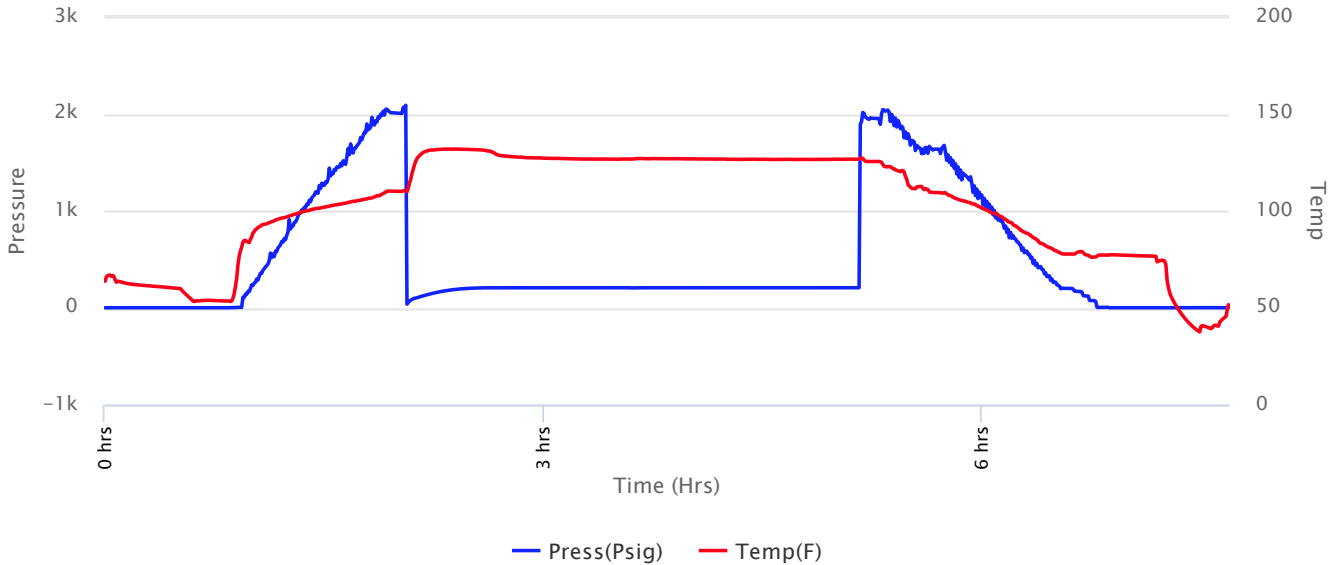
1st Open
Minutes: 30
Current Reading: 30.9" at 30 min
Max Reading: 30.9"

1st Close
Minutes: 60
Current Reading: 0" at 60 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading: .5" at 30 min
Max Reading: .6"

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

Inside Recorder





Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
 County: SHERIDAN
 State: Kansas
 Drilling Contractor: STP Drilling, LLC - Rig 1
 Elevation: 2817 EGL
 Field Name: Hoxie West
 Pool: Infield
 Job Number: 475
 API #: 15-179-21471-00-00

Operation:
 Uploading recovery & pressures

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DST #7 Formation: L/KC "J" Test Interval: 4086 - 4112' Total Depth: 4112'
 Time On: 23:54 04/18 Time Off: 07:24 04/18
 Time On Bottom: 01:55 04/18 Time Off Bottom: 04:55 04/18

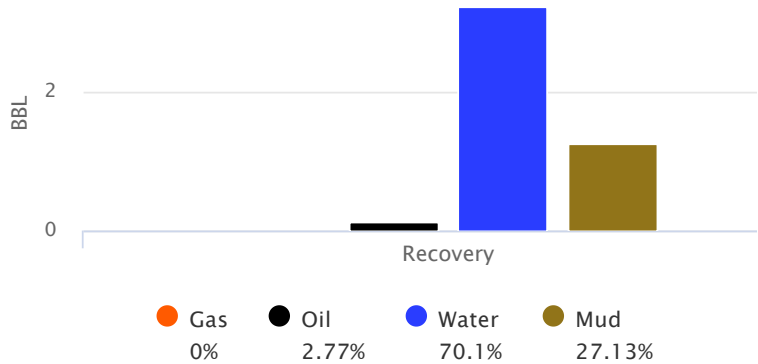
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
2	0.02846	O	0	100	0	0
215	3.05945	SLOCHMCW	0	3	59	38
185	1.5373216	SLMCW (trace O)	0	.5	93.5	6

Total Recovered: 402 ft
 Total Barrels Recovered: 4.6252316

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	2049	PSI
Initial Flow	36 to 206	PSI
Initial Closed in Pressure	206	PSI
Final Flow Pressure	204 to 204	PSI
Final Closed in Pressure	206	PSI
Final Hydrostatic Pressure	2043	PSI
Temperature	132	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

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DST #7 Formation: L/KC "J" Test Interval: 4086 - Total Depth: 4112'
4112'
Time On: 23:54 04/18 Time Off: 07:24 04/18
Time On Bottom: 01:55 04/18 Time Off Bottom: 04:55 04/18

BUCKET MEASUREMENT:

1st Open: 1" blow building to BOB 5 1/2 min.

1st Close: No BB

2nd Open: Surface blow building to 1/4"

2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas 6% Oil 35% Water 59% Mud

Ph: 6.0

Measured RW: .26 @ 57 degrees °F

RW at Formation Temp: 0.119 @ 132 °F

Chlorides: 33,000 ppm



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

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DST #7 Formation: L/KC "J" Test Interval: 4086 - Total Depth: 4112'
4112'
Time On: 23:54 04/18 Time Off: 07:24 04/18
Time On Bottom: 01:55 04/18 Time Off Bottom: 04:55 04/18

Down Hole Makeup

Heads Up: 14.28 FT	Packer 1: 4081 FT
Drill Pipe: 3950.07 FT <i>ID-3 1/2</i>	Packer 2: 4086 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4070.42 FT
Collars: 117.64 FT <i>ID-2 1/4</i>	Bottom Recorder: 4088 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 26	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 0 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 25 FT <i>4 1/2-FH</i>	



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

DATE
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DST #7 Formation: L/KC "J" Test Interval: 4086 - Total Depth: 4112'
4112'
Time On: 23:54 04/18 Time Off: 07:24 04/18
Time On Bottom: 01:55 04/18 Time Off Bottom: 04:55 04/18

Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 50 **Filtrate:** 7.6 **Chlorides:** 3,800 ppm



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

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DST #7 Formation: L/KC "J" Test Interval: 4086 - 4112' Total Depth: 4112'
Time On: 23:54 04/18 Time Off: 07:24 04/18
Time On Bottom: 01:55 04/18 Time Off Bottom: 04:55 04/18

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

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DST #8 **Formation: Pawnee & Ft. Scott** **Test Interval: 4292 - 4377'** **Total Depth: 4377'**
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Electronic Volume Estimate:
27'

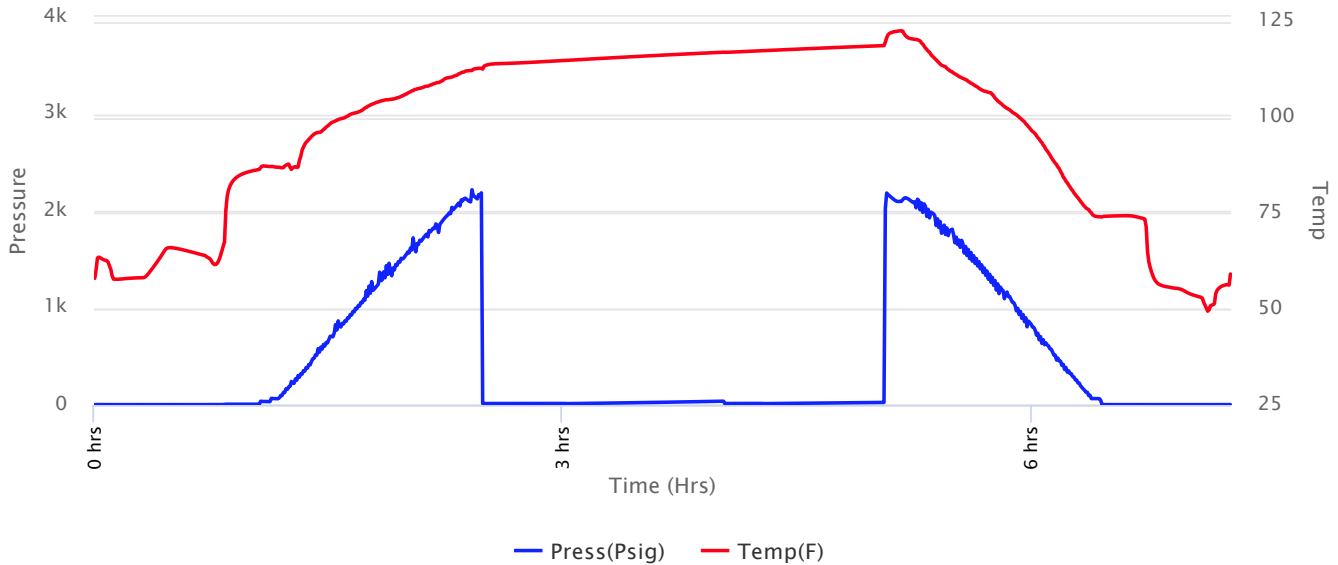
1st Open
Minutes: 30
Current Reading: .6" at 30 min
Max Reading: .8"

1st Close
Minutes: 60
Current Reading: 0" at 60 min
Max Reading: 0"

2nd Open
Minutes: 15
Current Reading: 0" at 15 min
Max Reading: 0"

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

Inside Recorder





Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

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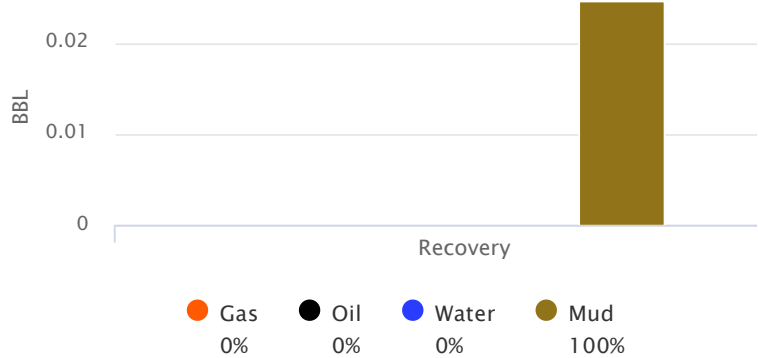
DST #8 **Formation: Pawnee & Ft. Scott** **Test Interval: 4292 - 4377'** **Total Depth: 4377'**
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
5	0.0246	O	0	0	0	100

Total Recovered: 5 ft
Total Barrels Recovered: 0.0246

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	2157	PSI
Initial Flow	12 to 13	PSI
Initial Closed in Pressure	36	PSI
Final Flow Pressure	12 to 13	PSI
Final Closed in Pressure	24	PSI
Final Hydrostatic Pressure	2156	PSI
Temperature	119	°F
Pressure Change Initial Close / Final Close	35.9	%

GIP cubic foot volume: 0



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
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**DST #8 Formation: Pawnee
& Ft. Scott Test Interval: 4292 - Total Depth: 4377'**
4377'
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

BUCKET MEASUREMENT:

1st Open: Surface blow building to 1/4"
1st Close: No BB
2nd Open: No Blow
2nd Close: No BB

REMARKS:

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



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
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DATE
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DST #8 Formation: Pawnee & Ft. Scott Test Interval: 4292 - 4377' Total Depth: 4377'
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Down Hole Makeup

Heads Up: 29.59 FT	Packer 1: 4286.72 FT
Drill Pipe: 4171.1 FT <i>ID-3 1/2</i>	Packer 2: 4291.72 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4276.14 FT
Collars: 117.64 FT <i>ID-2 1/4</i>	Bottom Recorder: 4364 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 85.28	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 5 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 63.28 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 14 FT <i>4 1/2-FH</i>	



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

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DST #8 **Formation: Pawnee & Ft. Scott** **Test Interval: 4292 - 4377'** **Total Depth: 4377'**
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 66 **Filtrate:** 8.0 **Chlorides:** 3,400 ppm



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #8 Formation: Pawnee & Ft. Scott Test Interval: 4292 - 4377' Total Depth: 4377'
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #8 **Formation: Pawnee & Ft. Scott** **Test Interval: 4292 - 4377'** **Total Depth: 4377'**
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Electronic Volume Estimate:
27'

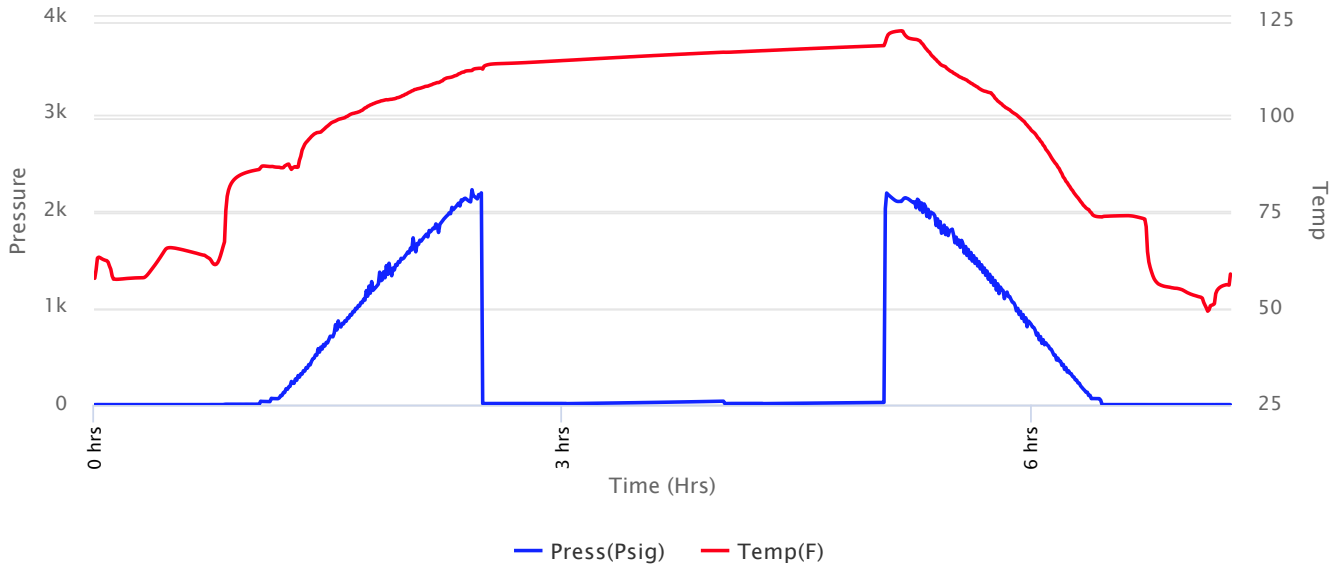
1st Open
Minutes: 30
Current Reading: .6" at 30 min
Max Reading: .8"

1st Close
Minutes: 60
Current Reading: 0" at 60 min
Max Reading: 0"

2nd Open
Minutes: 15
Current Reading: 0" at 15 min
Max Reading: 0"

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

Inside Recorder





Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

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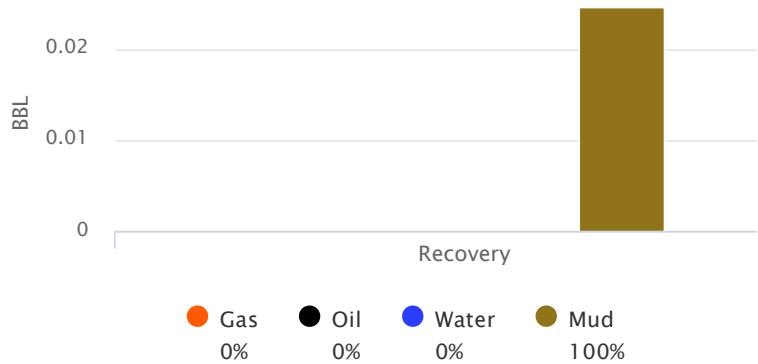
DST #8 **Formation: Pawnee & Ft. Scott** **Test Interval: 4292 - 4377'** **Total Depth: 4377'**
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
5	0.0246	O	0	0	0	100

Total Recovered: 5 ft
Total Barrels Recovered: 0.0246

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	2157	PSI
Initial Flow	12 to 13	PSI
Initial Closed in Pressure	36	PSI
Final Flow Pressure	12 to 13	PSI
Final Closed in Pressure	24	PSI
Final Hydrostatic Pressure	2156	PSI
Temperature	119	°F
Pressure Change Initial Close / Final Close	35.9	%

GIP cubic foot volume: 0



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
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**DST #8 Formation: Pawnee
& Ft. Scott Test Interval: 4292 - Total Depth: 4377'**
4377'
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

BUCKET MEASUREMENT:

1st Open: Surface blow building to 1/4"
1st Close: No BB
2nd Open: No Blow
2nd Close: No BB

REMARKS:

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



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #8 Formation: Pawnee & Ft. Scott Test Interval: 4292 - 4377' Total Depth: 4377'
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Down Hole Makeup

Heads Up: 29.59 FT	Packer 1: 4286.72 FT
Drill Pipe: 4171.1 FT <i>ID-3 1/2</i>	Packer 2: 4291.72 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4276.14 FT
Collars: 117.64 FT <i>ID-2 1/4</i>	Bottom Recorder: 4364 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 85.28	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 5 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 63.28 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 14 FT <i>4 1/2-FH</i>	



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
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pressures

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DST #8 Formation: Pawnee & Ft. Scott Test Interval: 4292 - 4377' Total Depth: 4377'
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 66 **Filtrate:** 8.0 **Chlorides:** 3,400 ppm



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #8 **Formation: Pawnee & Ft. Scott** **Test Interval: 4292 - 4377'** **Total Depth: 4377'**
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
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DST #8 **Formation: Pawnee & Ft. Scott** **Test Interval: 4292 - 4377'** **Total Depth: 4377'**
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Electronic Volume Estimate:
27'

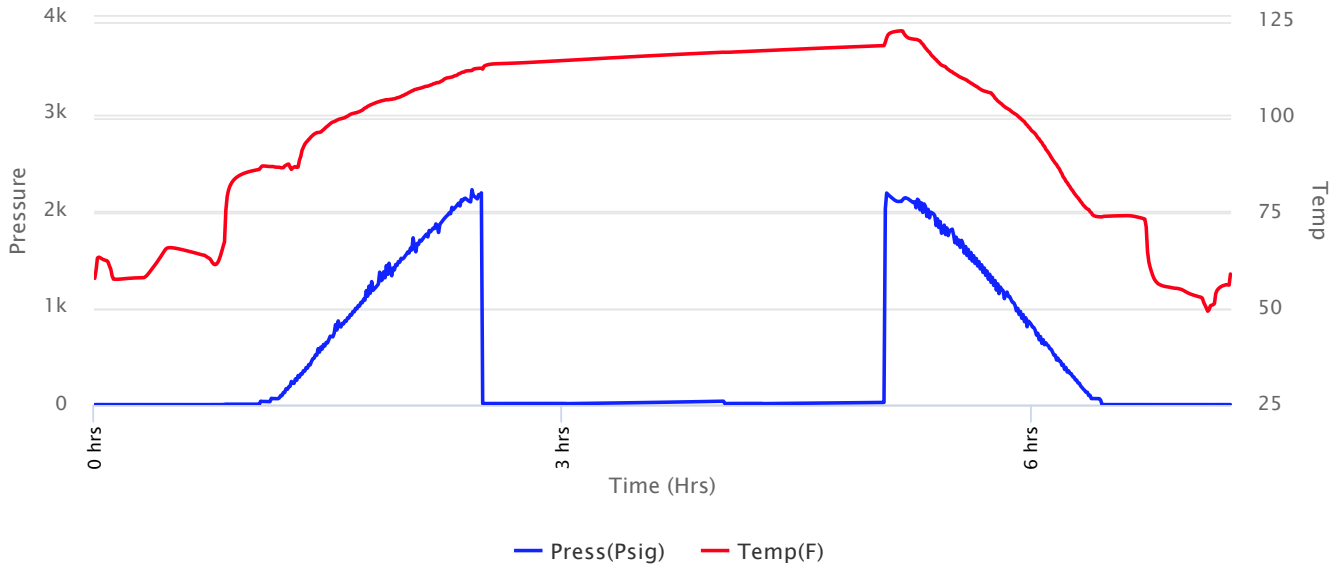
1st Open
Minutes: 30
Current Reading: .6" at 30 min
Max Reading: .8"

1st Close
Minutes: 60
Current Reading: 0" at 60 min
Max Reading: 0"

2nd Open
Minutes: 15
Current Reading: 0" at 15 min
Max Reading: 0"

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

Inside Recorder





Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

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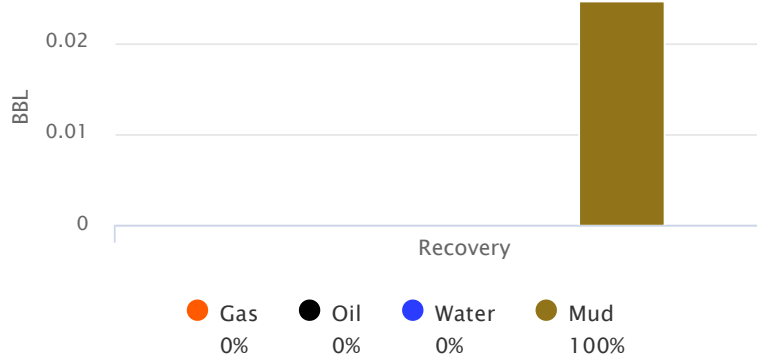
DST #8 **Formation: Pawnee & Ft. Scott** **Test Interval: 4292 - 4377'** **Total Depth: 4377'**
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
5	0.0246	O	0	0	0	100

Total Recovered: 5 ft
Total Barrels Recovered: 0.0246

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	2157	PSI
Initial Flow	12 to 13	PSI
Initial Closed in Pressure	36	PSI
Final Flow Pressure	12 to 13	PSI
Final Closed in Pressure	24	PSI
Final Hydrostatic Pressure	2156	PSI
Temperature	119	°F
Pressure Change Initial Close / Final Close	35.9	%

GIP cubic foot volume: 0



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

DATE
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**DST #8 Formation: Pawnee
& Ft. Scott Test Interval: 4292 - Total Depth: 4377'**
4377'
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

BUCKET MEASUREMENT:

1st Open: Surface blow building to 1/4"
1st Close: No BB
2nd Open: No Blow
2nd Close: No BB

REMARKS:

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



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
April
19
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DST #8 **Formation: Pawnee & Ft. Scott** **Test Interval: 4292 - 4377'** **Total Depth: 4377'**
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Down Hole Makeup

Heads Up: 29.59 FT	Packer 1: 4286.72 FT
Drill Pipe: 4171.1 FT <i>ID-3 1/2</i>	Packer 2: 4291.72 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4276.14 FT
Collars: 117.64 FT <i>ID-2 1/4</i>	Bottom Recorder: 4364 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 85.28	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 5 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 63.28 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 14 FT <i>4 1/2-FH</i>	



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

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DST #8 Formation: Pawnee & Ft. Scott Test Interval: 4292 - 4377' Total Depth: 4377'
Time On: 11:37 04/19 Time Off: 18:42 04/19
Time On Bottom: 14:02 04/19 Time Off Bottom: 16:32 04/19

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

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DST #1 **Formation: Belmont & Howard** **Test Interval: 3547 - 3615'** **Total Depth: 3615'**
Time On: 16:35 04/13 Time Off: 23:48 04/13
Time On Bottom: 19:36 04/13 Time Off Bottom: 22:36 04/13

Electronic Volume Estimate:
193'

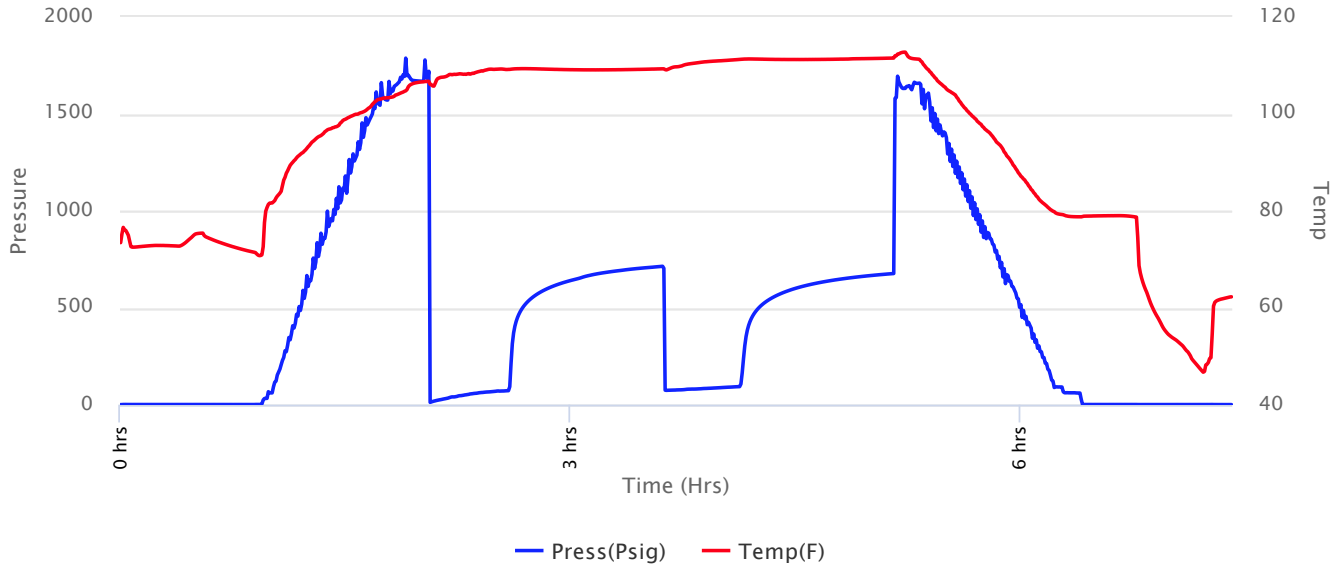
1st Open
Minutes: 30
Current Reading:
6.9" at 30 min
Max Reading: 6.9"

1st Close
Minutes: 60
Current Reading:
0" at 60 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading:
5.5" at 30 min
Max Reading: 5.5"

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

Inside Recorder





Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
April
13
2021

DST #1 **Formation: Belmont & Howard** **Test Interval: 3547 - 3615'** **Total Depth: 3615'**
Time On: 16:35 04/13 Time Off: 23:48 04/13
Time On Bottom: 19:36 04/13 Time Off Bottom: 22:36 04/13

Recovered

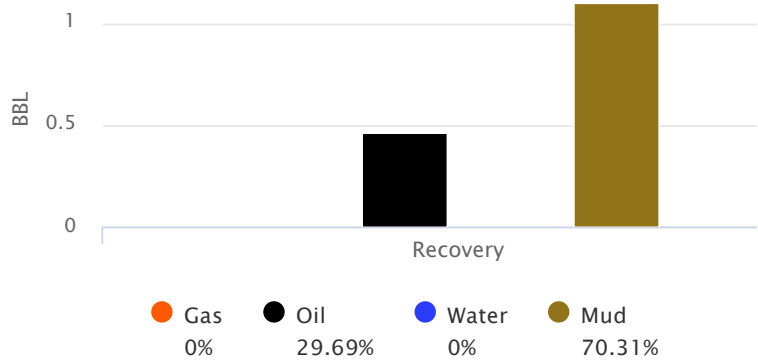
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
2	0.02846	O	0	100	0	0
125	1.2421216	HOCM	0	33	0	67
60	0.2952	SLOCM	0	9	0	91

Total Recovered: 187 ft
Total Barrels Recovered: 1.5657816

Reversed Out
NO

Initial Hydrostatic Pressure	1682	PSI
Initial Flow	12 to 73	PSI
Initial Closed in Pressure	714	PSI
Final Flow Pressure	75 to 94	PSI
Final Closed in Pressure	677	PSI
Final Hydrostatic Pressure	1664	PSI
Temperature	112	°F
Pressure Change Initial Close / Final Close	5.3	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

DATE
April
13
2021

DST #1	Formation: Belmont & Howard	Test Interval: 3547 - 3615'	Total Depth: 3615'
	Time On: 16:35 04/13	Time Off: 23:48 04/13	
	Time On Bottom: 19:36 04/13	Time Off Bottom: 22:36 04/13	

BUCKET MEASUREMENT:

1st Open: 1/4" blow building to 6 1/2"

1st Close: No BB

2nd Open: Surface blow building to 5 1/4"

2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas 9% Oil 0% Water 91% Mud



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #1 **Formation: Belmont & Howard** **Test Interval: 3547 - 3615'** **Total Depth: 3615'**
Time On: 16:35 04/13 Time Off: 23:48 04/13
Time On Bottom: 19:36 04/13 Time Off Bottom: 22:36 04/13

Down Hole Makeup

Heads Up: 17 FT	Packer 1: 3542.3 FT
Drill Pipe: 3414.09 FT <i>ID-3 1/2</i>	Packer 2: 3547.3 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3531.72 FT
Collars: 117.64 FT <i>ID-2 1/4</i>	Bottom Recorder: 3585 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 67.7	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 2 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.70 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 31 FT <i>4 1/2-FH</i>	



**Company: R. L. Investment,
LLC**

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery &
pressures

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13
2021

DST #1 **Formation: Belmont & Howard** **Test Interval: 3547 - 3615'** **Total Depth: 3615'**
Time On: 16:35 04/13 Time Off: 23:48 04/13
Time On Bottom: 19:36 04/13 Time Off Bottom: 22:36 04/13

Mud Properties

Mud Type: Chemical **Weight:** 8.7 **Viscosity:** 61 **Filtrate:** 6.8 **Chlorides:** 1,200 ppm



Company: R. L. Investment, LLC

Lease: Pratt "A" #5-35

SEC: 35 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2817 EGL
Field Name: Hoxie West
Pool: Infield
Job Number: 475
API #: 15-179-21471-00-00

Operation:
Uploading recovery & pressures

DATE
April
13
2021

DST #1 **Formation: Belmont & Howard** **Test Interval: 3547 - 3615'** **Total Depth: 3615'**
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Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D

RANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0301
 LOCATION Here, KS
 FOREMAN M. L. Shead

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY			
7/20/21		Path A 5	35	8S	27W	Sherman			
CUSTOMER <u>RL Treatments</u>		TRUCK #		DRIVER		TRUCK #		DRIVER	
MAILING ADDRESS		101		Shead					
CITY		102		M. L. S					
STATE									
ZIP CODE									
JOB TYPE	<u>2 stage</u>	HOLE SIZE	<u>7 7/8"</u>	HOLE DEPTH	<u>4400'</u>	CASING SIZE & WEIGHT	<u>5.5" 15.5"</u>		
CASING DEPTH	<u>4251'</u>	DRILL PIPE		TUBING		OTHER	<u>DU @ 2474' sat</u>		
SLURRY WEIGHT	<u>14.7/11.7</u>	SLURRY VOL	<u>15/22</u>	WATER gal/sk		CEMENT LEFT in CASING	<u>40'</u>		
DISPLACEMENT		DISPLACEMENT PSI		MIX PSI		RATE			

REMARKS: Safety meeting + hrs upon STP drilling Run in 102 Suts Baskets & Suts 3, 12, 43 centralize on nuts, 4, 5, 6, 7, 8, 9, 10, 11, 12, 43, 44 circulate casing for 1 hrs. Pump 500 gal mud flush 90 bbls UCL mix 500 gal @ 13" drilled in with 125 gal @ 14.7" shutdown clear pump lines ~~check~~ release plug displacement 50 bbls water + 50 1/2 mud plus land 900' left land 1500' release opening start operation with 800' circulate 3 hrs mix 500 gal mud plus 500 gal @ 14.7" shutdown clear pump lines release plug displacement 59 1/2 bbls water with 750' left plus land and shut @ 1500' cement did circulate 30 bbls to pit
305x RH
Thanks M. L. Shead & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT
PC03	1	PUMP CHARGE
M001	10	MILEAGE
M003	35.29 TONS	Ton Mitosodeflex
CB	550 SX	water & 85 gal 1/4" Pb
CB030	175 SX	DU @ 5" Vol 5"
PO13	1000 gal	Mud Flush
PO14	2 gal	ALL
FE013	11	Centralize 5.5"
FE027	3	5.5" Baskets
FE033	1	5.5" AFU Guide Shoe
FE052	1	5.5" Flex Latchdown Plug
FE090	1	5.5" DU tool weather band
FE094	40	5.5" reciprocating scratches
		less

AUTHORIZATION [Signature] TITLE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the office, and conditions of service on the back of this form are in effect for services identified on this form.



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Pratt A #5-35
Well Id:
Location: SW NW SE NW Sec 35 T8S R29W
License Number: 15-179-21471
Spud Date: 4/9/2021
Surface Coordinates: 1700' FNL & 1605' FWL

Region: Sheridan County, KS
Drilling Completed: 4/19/2021

Bottom Hole Surface casing- 8 5/8" @ 262'
Coordinates: Production casing- 5 1/2" @ 4200'
Ground Elevation (ft): 2817 K. B. Elevation (ft): 2824
Logged Interval (ft): 3500 To: TD Total Depth (ft): 4406
Formation:
Type of Drilling Fluid: Chemical Mud

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: RL Investment, LLC
Address: 2777 US Hwy 24
Hill City, KS 67642

GEOLOGIST

Name: Clayton Erickson
Company: Erickson Wellsite Geology
Address: 402 Palmer Street
P.O. Box 284
Loomis, NE 68958

DSTs

DST #1 3547-3615 30-60-30-60; Hydro: 1682-1664 IFP: 12.73 ISIP: 714 FFP: 75.94 FSIP: 677; Rec: 2' oil 125' 33%w 67%w 60' 9%w 91%w; BHT: 112F; IF: 6.9" ISI; dead FF: 5.5" FSI: dead

DST #2 3646-3730 30-60-15-45; Hydro: 1748-1748 IFP: 114.595 ISIP: 1134 FFP: 608.746 FSIP: 1127; Rec: 75' mud 875' 3%w 64%w 33%w 315' 4%w 92%w 4%w 315' 99%w 1%w; BHT: 125F; RW: .23@60F Chl: 40,000ppm; IF: BOB 2min ISI: dead FF: BOB 2 1/2min FSI: dead

DST #3 3797-3837 15-61-15-45; Hydro: 1869-1852 IFP: 198.472 ISIP: 1182 FFP: 500.713 FSIP: 1169; Rec: 365' 4%w 64%w 32%w 1125' 5%w 87%w 8%w; BHT: 128F; RW: .26@60F Chl: 39,000ppm; IF: BOB 1 1/2min ISI: surface FF: BOB 1 1/2min FSI: dead

DST #4 3837-3870 30-60-30-60; Hydro: 1875-1866 IFP: 23-164 ISIP: 1221 FFP: 170.264 FSIP: 1218; Rec: 475'g 155' 100%w 125' 22%w 51%w 27%w 310' 5%w 90%w 5%w; BHT: 128F Grav: 33.3@60F; RW: .23@60F Chl: 36,000ppm; IF: BOB 6 1/2min ISI: 7" FF: BOB 12min FSI: 5 1/4"

DST #5 3905-3957 30-60-30-60; Hydro: 1909-1904 IFP: 16-177 ISIP: 1155 FFP: 182.289 FSIP: 1133; Rec: 100' 9%w 45%w 46%w 250' 5%w 58.5%w 41%w 245' 95%w 5%w; BHT: 128F RW: .31@60F Chl: 31,000ppm; IF: BOB 11min ISI: dead FF: BOB 15min FSI: dead

DST #6 4034-4066 30-60-30-60; Hydro: 1959-1956 IFP: 10-24 ISIP: 44 FFP: 24.26 FSIP: 33; Rec: 40' mud; BHT: 119F; IF: 1" ISI: dead FF: dead FSI: dead

DST #7 4086-4112 30-60-30-60; Hydro: 2049-2043 IFP: 36-206 ISIP: 206 FFP: 204-204 FSIP: 206; Rec: 2' oil 215' 3%w 59%w 38%w 185' 1%w 93%w 6%w; BHT: 132F; RW: .26@57F Chl: 33,000ppm; IF: BOB 5 1/2min ISI: dead FF: 14" FSI: dead

DST #8 4292-4377 30-60-15-45; Hydro: 2157-2156 IFP: 12-13 ISIP: 36 FF: 12-13 FSIP: 24; Rec: 5'm; BHT: 119F; IF: 1/4" ISI: dead FF: dead FSI: dead

COMMENTS

It was decided to run casing in order to make an injection well

FORMATION TOPS

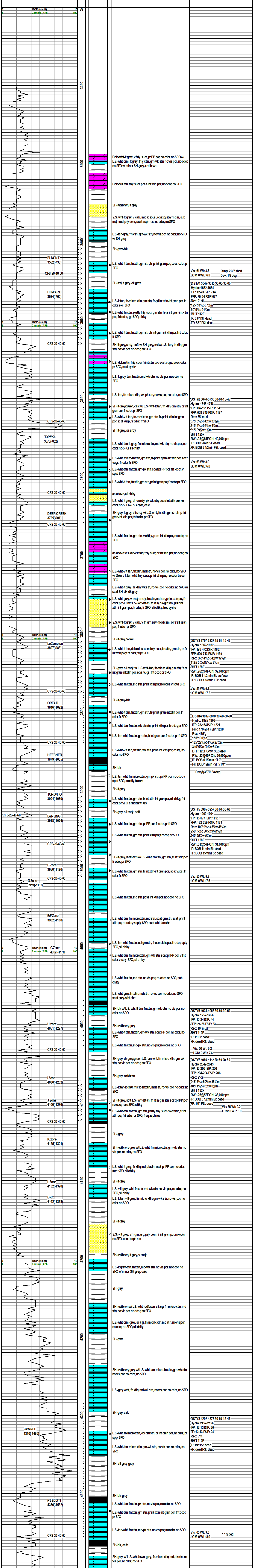
Log Tops	Sample tops
Anhydrite 2432(+386)	2435(+389)
Base Anhy 2468(+356)	2472(+352)
ELMONT 3564(-740)	3562(-738)
HOWARD 3588(-764)	3584(-760)
TOPEKA 3672(-848)	3676(-852)
HEEBNER 3880(-1056)	3879(-1055)
TORONTO 3904(-1080)	3904(-1080)
LANSING 3918(-1094)	3918(-1094)
BKC 4163(-1339)	4162(-1328)
PAWNEE 4310(-1486)	4310(-1486)
Ft. Scott 4357(-1533)	4356(-1532)
TD 4406(-1582)	4406(-1582)

ROCK TYPES

Anhy	Clyst	Gyp	Mrlst	Shgy
Bent	Carb. shale	Igne	Salt	Silst
Brec	Arkose	Lmst	Shale	Ss
Cht	Dol	Meta	Shcol	Till

OTHER SYMBOLS

Oil Show	Spotted	Dead	Interval
Even	Ques	Dst	



Summary of Changes

Lease Name and Number: PRATT A 5-35

API/Permit #: 15-179-21471-00-00

Doc ID: 1585725

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved Date	08/06/2021	08/11/2021
Wellsite Geologist	Richard Bell	Clayton Erickson

Summary of Attachments

Lease Name and Number: PRATT A 5-35

API: 15-179-21471-00-00

Doc ID: 1585725

Correction Number: 1

Attachment Name

DST #2

DST #3

DST #4

DST #5

DST #6

DST #7

DST #8

DST #8

DST #8

DST #1

cement tickets

Summary of attachments for correction 1 continued

Attachment Name

Geologist report