

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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Form	ACO1 - Well Completion
Operator	Reilly Oil Company, Inc.
Well Name	CHRIS 1-26
Doc ID	1539320

All Electric Logs Run

Micro
Bond
Compensated Density/ Neutron
Dual Induction



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
01
2020

DST #1 **Formation: L/KC "C"** **Test Interval: 3604 - 3626'** **Total Depth: 3626'**

Time On: 14:31 11/01 Time Off: 18:26 11/01
Time On Bottom: 14:31 11/01 Time Off Bottom: 16:31 11/01

Electronic Volume Estimate:
0'

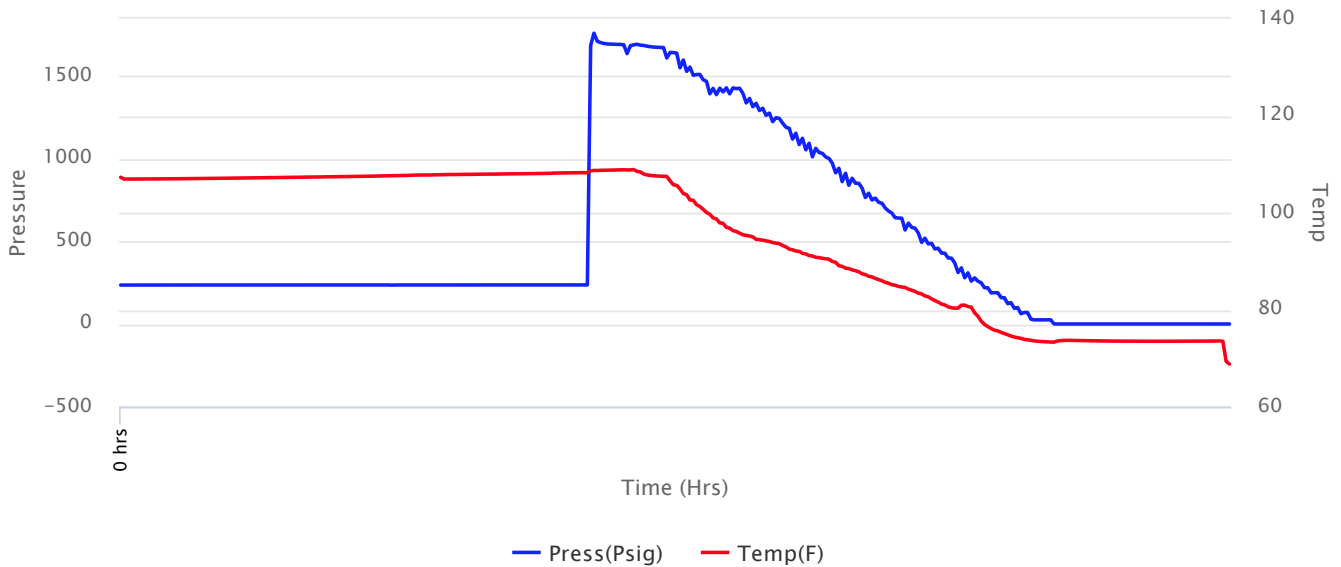
1st Open
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

1st Close
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

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

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

Inside Recorder





Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
01
2020

DST #1 **Formation: L/KC "C"** **Test Interval: 3604 - 3626'** **Total Depth: 3626'**
Time On: 14:31 11/01 Time Off: 18:26 11/01
Time On Bottom: 14:31 11/01 Time Off Bottom: 16:31 11/01

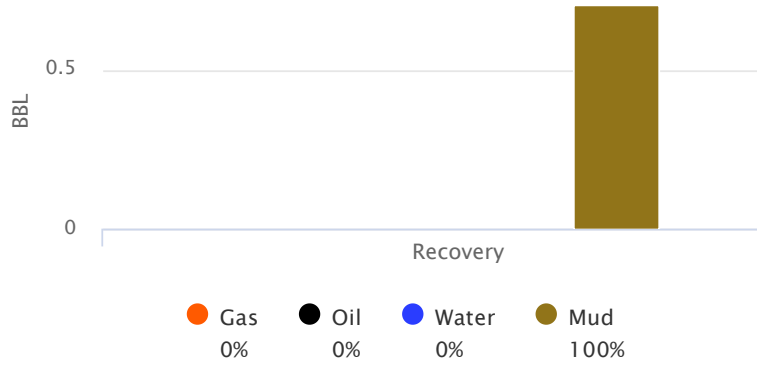
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
70	0.7038591	M	0	0	0	100

Total Recovered: 70 ft
Total Barrels Recovered: 0.7038591

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	0	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	0	PSI
Temperature	0	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



**Company: Reilly Oil Company,
Inc**

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
01
2020

DST #1 Formation: L/KC "C" Test Interval: 3604 - Total Depth: 3626'
3626'
Time On: 14:31 11/01 Time Off: 18:26 11/01
Time On Bottom: 14:31 11/01 Time Off Bottom: 16:31 11/01

BUCKET MEASUREMENT:

1st Open: Surface blow building to 1/4 in.
1st Close: No blow back.
2nd Open: No blow.
2nd Close: No blow back.

REMARKS:

Tool slid approx. 15-20 ft. when trying to set packers the 1st time & had trouble setting packers the 2nd time.
The electronic recorder only got 1/2 the test but I did run a manual recorder & it showed a straight line with about 20 to 50 psi.
Tool Sample: 0% Gas 0% Oil 0% Water 100% Mud



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
01
2020

DST #1 **Formation: L/KC "C"** **Test Interval: 3604 - 3626'** **Total Depth: 3626'**
Time On: 14:31 11/01 Time Off: 18:26 11/01
Time On Bottom: 14:31 11/01 Time Off Bottom: 16:31 11/01

Down Hole Makeup

Heads Up: 35.11 FT	Packer 1: 3599 FT
Drill Pipe: 3579.98 FT <i>ID-3 1/2</i>	Packer 2: 3604 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3588.42 FT
Collars: 31.39 FT <i>ID-2 1/4</i>	Bottom Recorder: 3606 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 22	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): 21 FT <i>4 1/2-FH</i>	



**Company: Reilly Oil Company,
Inc**

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
01
2020

DST #1 Formation: L/KC "C" Test Interval: 3604 - Total Depth: 3626'
3626'

Time On: 14:31 11/01 Time Off: 18:26 11/01
Time On Bottom: 14:31 11/01 Time Off Bottom: 16:31 11/01

Mud Properties

Mud Type: Chemical **Weight:** 8.9 **Viscosity:** 57 **Filtrate:** 5.8 **Chlorides:** 3,800 ppm



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
02
2020

DST #2 **Formation: L/KC "E"** **Test Interval: 3646 - 3665'** **Total Depth: 3665'**

Time On: 03:00 11/02 Time Off: 08:52 11/02
Time On Bottom: 05:02 11/02 Time Off Bottom: 07:07 11/02

Electronic Volume Estimate:
39'

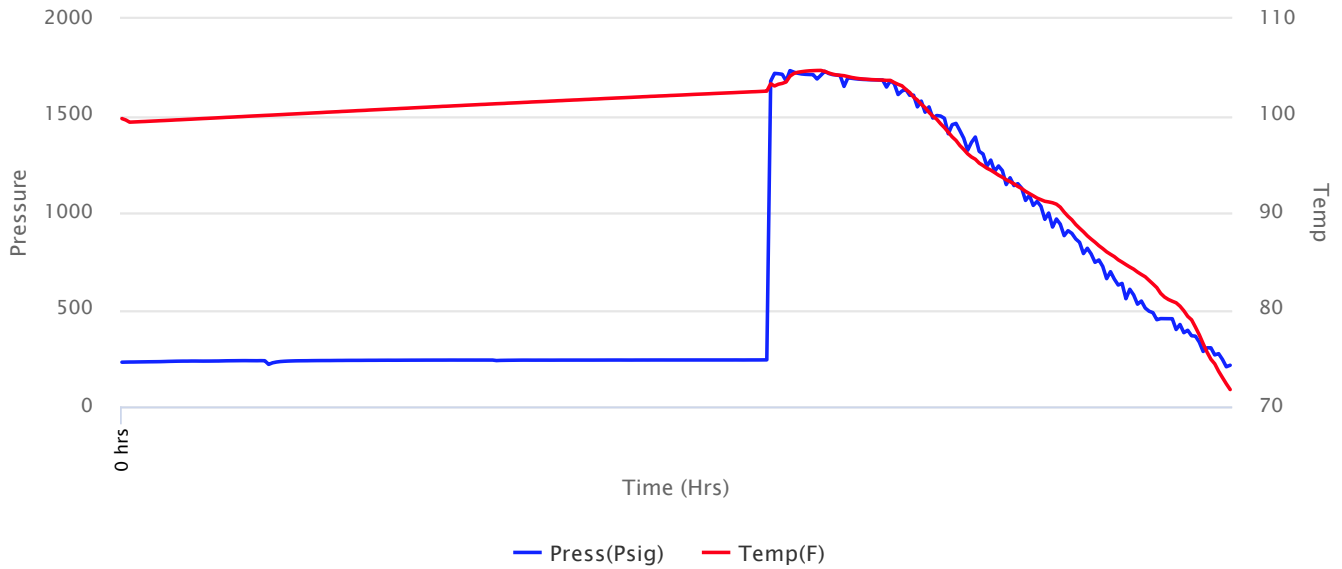
1st Open
Minutes: 30
Current Reading:
1.7" at 30 min
Max Reading: 1.9"

1st Close
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

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

2nd Close
Minutes: 35
Current Reading:
0" at 35 min
Max Reading: 0"

Inside Recorder





Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
02
2020

DST #2 **Formation: L/KC "E"** **Test Interval: 3646 - 3665'** **Total Depth: 3665'**

Time On: 03:00 11/02 Time Off: 08:52 11/02
Time On Bottom: 05:02 11/02 Time Off Bottom: 07:07 11/02

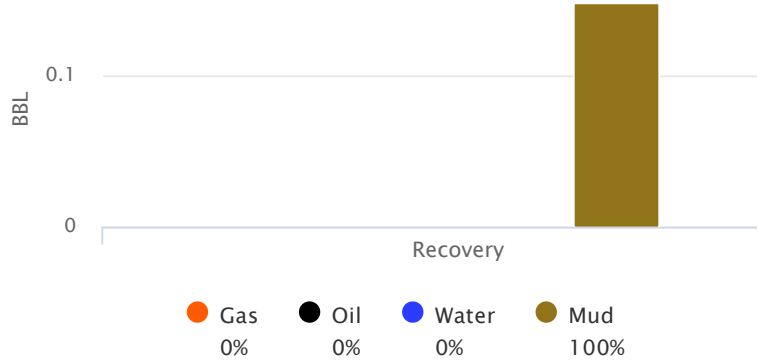
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
30	0.1476	M	0	0	0	100

Total Recovered: 30 ft
Total Barrels Recovered: 0.1476

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	0	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	0	PSI
Temperature	0	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



**Company: Reilly Oil Company,
Inc**

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
02
2020

DST #2 Formation: L/KC "E" Test Interval: 3646 - Total Depth: 3665'
3665'
Time On: 03:00 11/02 Time Off: 08:52 11/02
Time On Bottom: 05:02 11/02 Time Off Bottom: 07:07 11/02

BUCKET MEASUREMENT:

1st Open: 1 in. blow building to 1 1/2 ins.

1st Close: No blow back.

2nd Open: Weak, surface blow lasting 2 mins.

2nd Close: No blow back.

REMARKS:

Tool slid approx. 3 to 5 ft. when setting the tool.

The electronic recorder only recorded the last part of the test again. Roger is bringing out new batteries for them.

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



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
02
2020

DST #2 **Formation: L/KC "E"** **Test Interval: 3646 - 3665'** **Total Depth: 3665'**
Time On: 03:00 11/02 Time Off: 08:52 11/02
Time On Bottom: 05:02 11/02 Time Off Bottom: 07:07 11/02

Down Hole Makeup

Heads Up: 24.82 FT	Packer 1: 3641 FT
Drill Pipe: 3611.69 FT <i>ID-3 1/2</i>	Packer 2: 3646 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3630.42 FT
Collars: 31.39 FT <i>ID-2 1/4</i>	Bottom Recorder: 3648 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 19	Surface Choke: 1"
<u>Anchor Makeup</u>	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): 18 FT <i>4 1/2-FH</i>	



**Company: Reilly Oil Company,
Inc**

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
02
2020

DST #2 Formation: L/KC "E" Test Interval: 3646 - Total Depth: 3665'
3665'

Time On: 03:00 11/02 Time Off: 08:52 11/02
Time On Bottom: 05:02 11/02 Time Off Bottom: 07:07 11/02

Mud Properties

Mud Type: Chemical **Weight:** 8.9 **Viscosity:** 57 **Filtrate:** 5.8 **Chlorides:** 3,800 ppm



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
02
2020

DST #3 **Formation: L/KC "F"** **Test Interval: 3665 - 3676'** **Total Depth: 3676'**

Time On: 15:54 11/02 Time Off: 23:00 11/02
Time On Bottom: 17:58 11/02 Time Off Bottom: 20:28 11/02

Electronic Volume Estimate:
352'

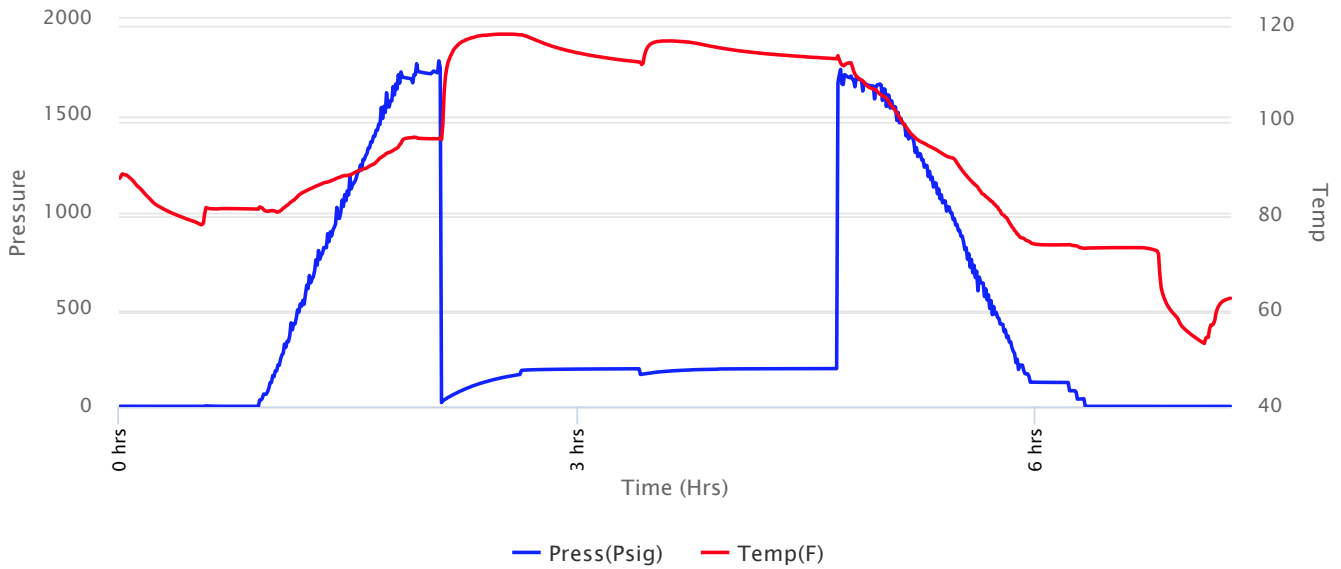
1st Open
Minutes: 30
Current Reading:
29.8" at 30 min
Max Reading: 29.8"

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

2nd Open
Minutes: 30
Current Reading:
4.5" at 30 min
Max Reading: 4.8"

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

Inside Recorder





Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
02
2020

DST #3 **Formation: L/KC "F"** **Test Interval: 3665 - 3676'** **Total Depth: 3676'**

Time On: 15:54 11/02 Time Off: 23:00 11/02
Time On Bottom: 17:58 11/02 Time Off Bottom: 20:28 11/02

Recovered

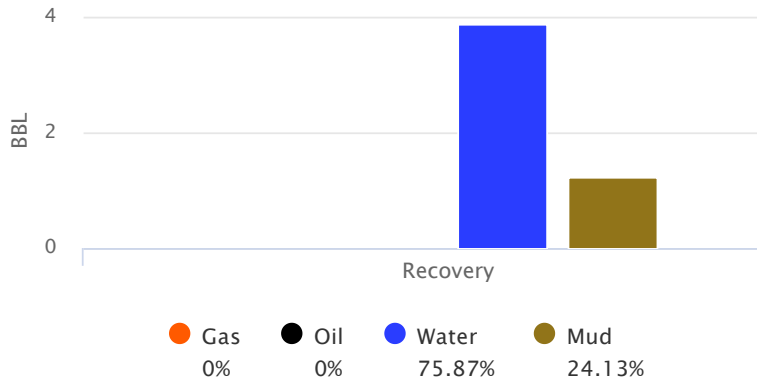
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
125	1.77875	HWCM	0	0	40	60
255	3.3364091	SLMCW	0	0	95	5

Total Recovered: 380 ft
Total Barrels Recovered: 5.1151591

Reversed Out
NO

Initial Hydrostatic Pressure	1722	PSI
Initial Flow	20 to 166	PSI
Initial Closed in Pressure	195	PSI
Final Flow Pressure	166 to 193	PSI
Final Closed in Pressure	196	PSI
Final Hydrostatic Pressure	1712	PSI
Temperature	119	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: Reilly Oil Company,
Inc**

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
02
2020

DST #3 Formation: L/KC "F" Test Interval: 3665 - Total Depth: 3676'
3676'
Time On: 15:54 11/02 Time Off: 23:00 11/02
Time On Bottom: 17:58 11/02 Time Off Bottom: 20:28 11/02

BUCKET MEASUREMENT:

1st Open: 1/2 in. blow building. BOB in 7 mins.
1st Close: No blow back.
2nd Open: Surface blow building to 4 1/4 ins.
2nd Close: No blow back.

REMARKS:

Tool Sample: 0% Gas .1% Oil 89.9% Water 10% Mud
Ph: 6.5
Measured RW: .34 @ 62 degrees °F
RW at Formation Temp: 0.186 @ 119 °F
Chlorides: 89,000 ppm



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
02
2020

DST #3 Formation: L/KC "F" Test Interval: 3665 - 3676' Total Depth: 3676'

Time On: 15:54 11/02 Time Off: 23:00 11/02
Time On Bottom: 17:58 11/02 Time Off Bottom: 20:28 11/02

Down Hole Makeup

Heads Up: 5.8200000000002 FT	Packer 1: 3660 FT
Drill Pipe: 3611.69 FT <i>ID-3 1/2</i>	Packer 2: 3665 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3649.42 FT
Collars: 31.39 FT <i>ID-2 1/4</i>	Bottom Recorder: 3667 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 11	Surface Choke: 1"
<u>Anchor Makeup</u>	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): 10 FT <i>4 1/2-FH</i>	



**Company: Reilly Oil Company,
Inc**

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
02
2020

DST #3 Formation: L/KC "F" Test Interval: 3665 - Total Depth: 3676'
3676'

Time On: 15:54 11/02 Time Off: 23:00 11/02
Time On Bottom: 17:58 11/02 Time Off Bottom: 20:28 11/02

Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 55 **Filtrate:** 5.8 **Chlorides:** 3,900 ppm



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Uploading recovery & pressures

DATE
November
03
2020

DST #4 Formation: LKC "K" Test Interval: 3772 - 3800' Total Depth: 3800'

Time On: 15:19 11/03 Time Off: 21:13 11/03
Time On Bottom: 17:20 11/03 Time Off Bottom: 19:20 11/03

Electronic Volume Estimate:
42'

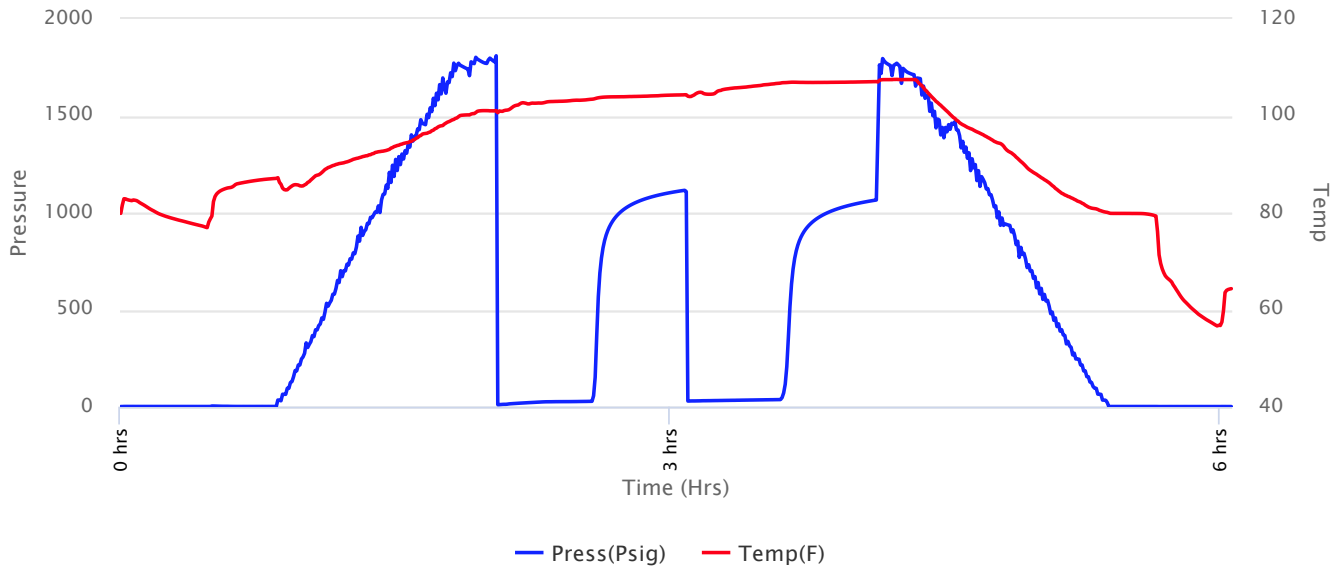
1st Open
Minutes: 30
Current Reading:
1.9" at 30 min
Max Reading: 1.9"

1st Close
Minutes: 5
Current Reading:
0" at 5 min
Max Reading: 0"

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

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

Inside Recorder





Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
 County: TREGO
 State: Kansas
 Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
 Elevation: 2304 EGL
 Field Name: Walz
 Pool: Infield
 Job Number: 456
 API #: 15-195-23109

Operation:
 Uploading recovery & pressures

DATE
 November
03
 2020

DST #4 **Formation: LKC "K"** **Test Interval: 3772 - 3800'** **Total Depth: 3800'**
 Time On: 15:19 11/03 Time Off: 21:13 11/03
 Time On Bottom: 17:20 11/03 Time Off Bottom: 19:20 11/03

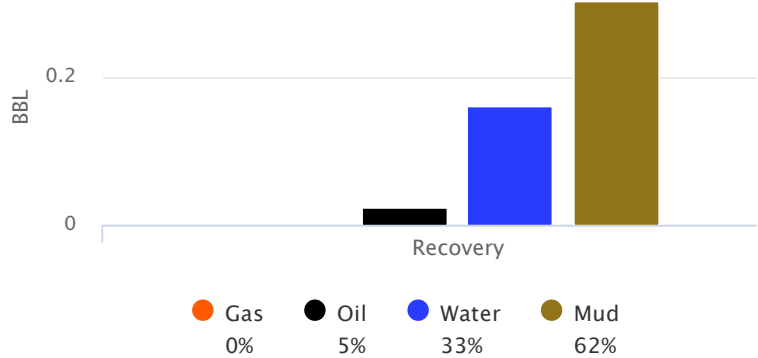
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
55	0.4904091	SLOCHWCM	0	5	33	62

Total Recovered: 55 ft
 Total Barrels Recovered: 0.4904091

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1779	PSI
Initial Flow	11 to 28	PSI
Initial Closed in Pressure	1116	PSI
Final Flow Pressure	29 to 37	PSI
Final Closed in Pressure	1066	PSI
Final Hydrostatic Pressure	1774	PSI
Temperature	108	°F
Pressure Change Initial Close / Final Close	4.5	%

GIP cubic foot volume: 0



**Company: Reilly Oil Company,
Inc**

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Uploading recovery &
pressures

DATE
November
03
2020

DST #4 Formation: LKC "K" Test Interval: 3772 - Total Depth: 3800'
3800'

Time On: 15:19 11/03 Time Off: 21:13 11/03
Time On Bottom: 17:20 11/03 Time Off Bottom: 19:20 11/03

BUCKET MEASUREMENT:

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

REMARKS:

Tool Sample: 0% Gas 3% Oil 53% Water 44% Mud

Ph: 7.0

Measured RW: .34 @ 60 degrees °F

RW at Formation Temp: 0.198 @ 108 °F

Chlorides: 13,000 ppm



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Uploading recovery & pressures

DATE
November
03
2020

DST #4 Formation: LKC "K" Test Interval: 3772 - 3800' Total Depth: 3800'
Time On: 15:19 11/03 Time Off: 21:13 11/03
Time On Bottom: 17:20 11/03 Time Off Bottom: 19:20 11/03

Down Hole Makeup

Heads Up: 25.38 FT	Packer 1: 3767 FT
Drill Pipe: 3738.25 FT <i>ID-3 1/2</i>	Packer 2: 3772 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3756.42 FT
Collars: 31.39 FT <i>ID-2 1/4</i>	Bottom Recorder: 3774 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 28	Surface Choke: 1"
<u>Anchor Makeup</u>	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): 27 FT <i>4 1/2-FH</i>	



**Company: Reilly Oil Company,
Inc**

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Uploading recovery &
pressures

DATE
November
03
2020

DST #4 Formation: LKC "K" Test Interval: 3772 - Total Depth: 3800'
3800'

Time On: 15:19 11/03 Time Off: 21:13 11/03
Time On Bottom: 17:20 11/03 Time Off Bottom: 19:20 11/03

Mud Properties

Mud Type: Chemical **Weight:** 9.3 **Viscosity:** 56 **Filtrate:** 6.0 **Chlorides:** 3.100 ppm



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Uploading recovery & pressures

DATE
November
03
2020

DST #4 Formation: LKC "K" Test Interval: 3772 - 3800' Total Depth: 3800'

Time On: 15:19 11/03 Time Off: 21:13 11/03
Time On Bottom: 17:20 11/03 Time Off Bottom: 19:20 11/03

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
04
2020

DST #5 **Formation: Arbuckle** **Test Interval: 3885 - 3907'** **Total Depth: 3907'**

Time On: 11:30 11/04 Time Off: 19:10 11/04
Time On Bottom: 13:20 11/04 Time Off Bottom: 17:05 11/04

Electronic Volume Estimate:
213'

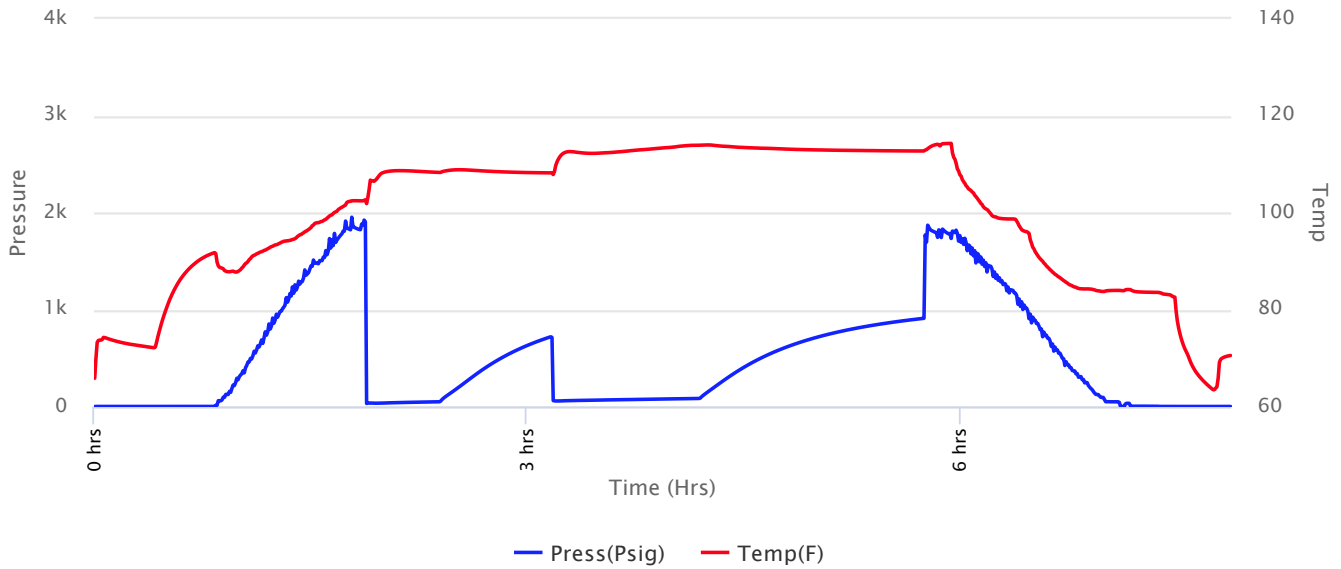
1st Open
Minutes: 30
Current Reading:
9.8" at 30 min
Max Reading: 9.8"

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

2nd Open
Minutes: 60
Current Reading:
9.2" at 60 min
Max Reading: 9.2"

2nd Close
Minutes: 90
Current Reading:
0" at 90 min
Max Reading: 0"

Inside Recorder





Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
 County: TREGO
 State: Kansas
 Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2
 Elevation: 2304 EGL
 Field Name: Walz
 Pool: Infield
 Job Number: 456
 API #: 15-195-23109

Operation:
 Test Complete

DATE
 November
04
 2020

DST #5 **Formation: Arbuckle** **Test Interval: 3885 - 3907'** **Total Depth: 3907'**
 Time On: 11:30 11/04 Time Off: 19:10 11/04
 Time On Bottom: 13:20 11/04 Time Off Bottom: 17:05 11/04

Recovered

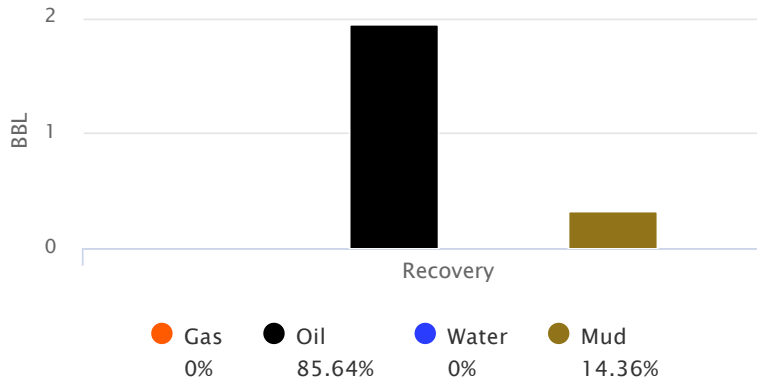
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
120	1.7076	SLMCO	0	99	0	1
60	0.5615591	HMCO	0	45	0	55

Total Recovered: 180 ft
 Total Barrels Recovered: 2.2691591

Reversed Out
 NO

Initial Hydrostatic Pressure	1872	PSI
Initial Flow	32 to 50	PSI
Initial Closed in Pressure	720	PSI
Final Flow Pressure	58 to 84	PSI
Final Closed in Pressure	910	PSI
Final Hydrostatic Pressure	1871	PSI
Temperature	114	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: Reilly Oil Company,
Inc**

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 2
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
04
2020

DST #5 Formation: Arbuckle Test Interval: 3885 - Total Depth: 3907'
3907'

Time On: 11:30 11/04 Time Off: 19:10 11/04
Time On Bottom: 13:20 11/04 Time Off Bottom: 17:05 11/04

BUCKET MEASUREMENT:

1st Open: 1/4" blow building to 9 1/2"
1st Close: No BB
2nd Open: Surface blow building to 9"
2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas 63% Oil 0% Water 37% Mud

Gravity: 26.4 @ 60 °F



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
04
2020

DST #5 **Formation: Arbuckle** **Test Interval: 3885 - 3907'** **Total Depth: 3907'**
Time On: 11:30 11/04 Time Off: 19:10 11/04
Time On Bottom: 13:20 11/04 Time Off Bottom: 17:05 11/04

Down Hole Makeup

Heads Up: 7.519999999999999 FT	Packer 1: 3880 FT
Drill Pipe: 3833.39 FT <i>ID-3 1/2</i>	Packer 2: 3885 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3869.42 FT
Collars: 31.39 FT <i>ID-2 1/4</i>	Bottom Recorder: 3887 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 22	Surface Choke: 1"
Anchor Makeup	
Packer Sub: 1 FT	Bottom Choke: 5/8"
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): 21 FT <i>4 1/2-FH</i>	



**Company: Reilly Oil Company,
Inc**

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 2
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
04
2020

DST #5 Formation: Arbuckle Test Interval: 3885 - Total Depth: 3907'
3907'

Time On: 11:30 11/04 Time Off: 19:10 11/04
Time On Bottom: 13:20 11/04 Time Off Bottom: 17:05 11/04

Mud Properties

Mud Type: Chemical **Weight:** 9.3 **Viscosity:** 58 **Filtrate:** 6.8 **Chlorides:** 5,200 ppm



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Test Complete

DATE
November
04
2020

DST #5 Formation: Arbuckle Test Interval: 3885 - 3907' Total Depth: 3907'

Time On: 11:30 11/04 Time Off: 19:10 11/04
Time On Bottom: 13:20 11/04 Time Off Bottom: 17:05 11/04

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Uploading recovery & pressures

DATE
November
05
2020

DST #6 **Formation: Arbuckle** **Test Interval: 3907 - 3917'** **Total Depth: 3917'**

Time On: 01:18 11/05 Time Off: 09:46 11/05
Time On Bottom: 03:18 11/05 Time Off Bottom: 06:48 11/05

Electronic Volume Estimate:
631'

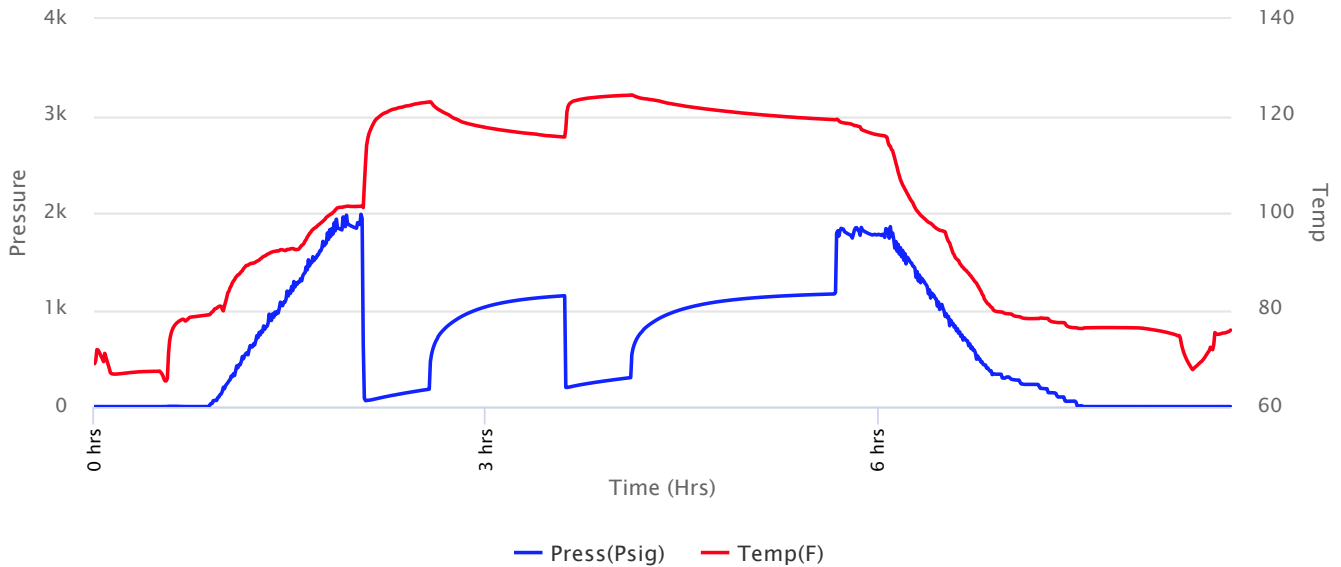
1st Open
Minutes: 30
Current Reading: 35.0" at 30 min
Max Reading: 35.0"

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

2nd Open
Minutes: 30
Current Reading: 26.4" at 30 min
Max Reading: 26.4"

2nd Close
Minutes: 90
Current Reading: 0" at 90 min
Max Reading: 0"

Inside Recorder





Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Uploading recovery & pressures

DATE
November
05
2020

DST #6 Formation: Arbuckle Test Interval: 3907 - 3917' Total Depth: 3917'

Time On: 01:18 11/05 Time Off: 09:46 11/05
Time On Bottom: 03:18 11/05 Time Off Bottom: 06:48 11/05

Recovered

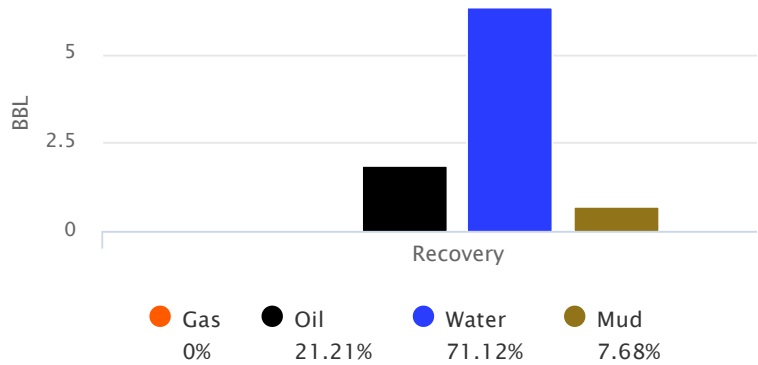
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
30	0.4269	SLMCO	0	98	0	2
115	1.63645	SLMCHOCW	0	45	47	8
125	1.77875	SLMCOCW	0	24	71	5
375	5.0440091	SLOCMLCW	0	6	85	9

Total Recovered: 645 ft
Total Barrels Recovered: 8.8861091

Reversed Out
NO

Initial Hydrostatic Pressure	1841	PSI
Initial Flow	64 to 181	PSI
Initial Closed in Pressure	1144	PSI
Final Flow Pressure	200 to 300	PSI
Final Closed in Pressure	1162	PSI
Final Hydrostatic Pressure	1840	PSI
Temperature	125	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: Reilly Oil Company,
Inc**

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 2
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Uploading recovery &
pressures

DATE
November
05
2020

DST #6 Formation: Arbuckle Test Interval: 3907 - Total Depth: 3917'
3917'

Time On: 01:18 11/05 Time Off: 09:46 11/05
Time On Bottom: 03:18 11/05 Time Off Bottom: 06:48 11/05

BUCKET MEASUREMENT:

1st Open: 2" blow building to BOB 6 min.
1st Close: Surface BB
2nd Open: 1" blow building to BOB 9 min.
2nd Close: Surface BB

REMARKS:

Tool Sample: 0% Gas .3% Oil 99.7% Water 0% Mud
Gravity: 26.7 @ 60 °F
Ph: 7.0
Measured RW: .27 @ 76 degrees °F
RW at Formation Temp: 0.17 @ 125 °F
Chlorides: 27,000 ppm



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Uploading recovery & pressures

DATE
November
05
2020

DST #6 Formation: Arbuckle Test Interval: 3907 - 3917' Total Depth: 3917'

Time On: 01:18 11/05 Time Off: 09:46 11/05
Time On Bottom: 03:18 11/05 Time Off Bottom: 06:48 11/05

Down Hole Makeup

Heads Up: 17.23 FT	Packer 1: 3902 FT
Drill Pipe: 3865.1 FT <i>ID-3 1/2</i>	Packer 2: 3907 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3891.42 FT
Collars: 31.39 FT <i>ID-2 1/4</i>	Bottom Recorder: 3909 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 10	Surface Choke: 1"
<u>Anchor Makeup</u>	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): 9 FT <i>4 1/2-FH</i>	



**Company: Reilly Oil Company,
Inc**

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 2
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Uploading recovery &
pressures

DATE
November
05
2020

DST #6 Formation: Arbuckle Test Interval: 3907 - Total Depth: 3917'
3917'

Time On: 01:18 11/05 Time Off: 09:46 11/05
Time On Bottom: 03:18 11/05 Time Off Bottom: 06:48 11/05

Mud Properties

Mud Type: Chemical **Weight:** 9.3 **Viscosity:** 58 **Filtrate:** 6.8 **Chlorides:** 5,200 ppm



Company: Reilly Oil Company, Inc

Lease: Chris #1-26

SEC: 26 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2
Elevation: 2304 EGL
Field Name: Walz
Pool: Infield
Job Number: 456
API #: 15-195-23109

Operation:
Uploading recovery & pressures

DATE
November
05
2020

DST #6 Formation: Arbuckle Test Interval: 3907 - 3917' Total Depth: 3917'

Time On: 01:18 11/05 Time Off: 09:46 11/05
Time On Bottom: 03:18 11/05 Time Off Bottom: 06:48 11/05

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D

APIT# 15-195-3109-00-02
GEOLOGICAL REPORT
 DRILLING TIME AND SAMPLE LOG

COMPANY **Bellco Oil Company, Inc.**
 LEASE **Chris #1-26**
 ELEVATION
 KB **2312'**
 DE **2310'**

FIELD **Wals**
 LOCATION **808 Fst + 335 1/2**
 SEC **26** TWP **11S** RGE **21W**
 COUNTY **Trigg** STATE **Kansas**
 CONTRACTOR **Discovery Drilling Co. Inc. Rig #4**
 SPUD **10-28-20** COMP **1-5-20**
 SAMPLES SAVED FROM **3300'** TO **RID**

FORMATION TOPS AND STRUCTURAL POSITION

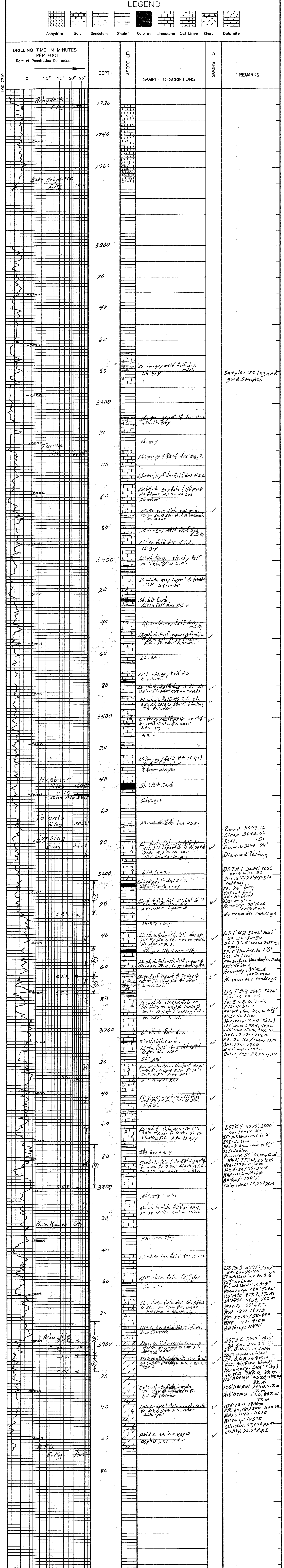
FORMATION	SAMPLE	E. LOG	DATE	A	B	C	D
Anhydrite	1720	1720	+ 592				
Base Anhydrite	1720	1720	+ 512				
Topsoa	3330	3330	- 1018				
Hebner	3542	3542	- 1230				
Toronto	3578	3578	- 1251				
Lansing	3578	3578	- 1247				
Base Kansas City	3825	3825	- 1513				
Arbuckle	3898	3897	- 1585				
Total Depth	3927	3927	- 1655				

REFERENCE WELLS
 a **Chris #1-26** Hunk #3 W/2-11/2-SW Sec. 25-11S-21W
 b **Chris #1-26** Hunk #3 W/2-11/2-SW Sec. 25-11S-21W
 c **Chris #1-26** Hunk #3 W/2-11/2-SW Sec. 25-11S-21W

REMARKS
 This well ran 2 to 12 feet higher on the Lansing top and 3 to 17 feet higher on the Arbuckle top than the reference wells. Encouraging results from DST information in the Arbuckle and favorable structural position warranted the cementing of production casing to further test the well. These zones should be tested; 3711'-3713', 3708'-3710', 3702'-3704', 3721'-3725', 3665'-3668' and 3656'-3659'.
 Richard R. Bell
 11-6-20

LEGEND

Anhydrite	Salt	Sandstone	Shale	Carb sh	Limestone	Ool. Lime	Chert	Dolomite



FRANKS 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 0241
 LOCATION Michigan 4
 FOREMAN Miles Ska

FIELD TICKET & TREATMENT REPORT CEMENT

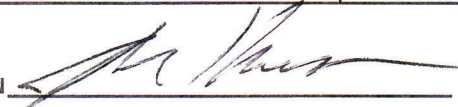
DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY												
11/6/20		Chris # 1-22				Trego												
CUSTOMER Reily oil			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>Miles</td> <td></td> <td></td> </tr> <tr> <td>102</td> <td>Sack T</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	101	Miles			102	Sack T		
TRUCK #	DRIVER	TRUCK #	DRIVER															
101	Miles																	
102	Sack T																	
MAILING ADDRESS																		
CITY		STATE	ZIP CODE															

JOB TYPE 2 Stags DV HOLE SIZE 7 7/8" HOLE DEPTH 3962' CASING SIZE & WEIGHT 8.5" 15.5#
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER DVE 1729
 SLURRY WEIGHT 14.5 SLURRY VOL 14 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 95 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting + Rigman discover another Circula Cas.
Mix 1755x OWS 5" 6.5" shot down for knee 55 bbls water 44 1/2 bbl
Mud Plus did land + hold 300' 1.1" land 1520'
Circula 3hrs Pump 3505x down casing shut down clay pump flows
dry flow 4 1/4 bbls 520' 1.1" land @ 1600' seal shut + hold
Ris down

Thanks Miles & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC005	1	PUMP CHARGE	1500.00	1500.00
M001	30	MILEAGE	6.50	195.00
M002	27.57 BNS	Tom mitras deliver	1.52	1237.95
CB021	4005x	60/40 8" 8.5" 1 1/4" Pw	17.35	6940.00
CB030	1755x	Orel	28.55	4996.25
F013	7	5.5" Contro	0.00	0.00
FE022	3B	Bigshots 5.5"	385.00	1155.00
FE032	1	5 1/2" Guard Shoe AFU	600.00	600.00
FE051	1	5.5" Latch down Plug	695.00	695.00
FE090	1	5.5 DV test	600.00	600.00
FE092	16	Recip Scratch	75.00	1200.00
			Subter	25079.20
			Less 350 disc	8777.72
			Subter	16301.48
			SALES TAX	1079.63
			ESTIMATED TOTAL	17381.11

AUTHORIZATION  TITLE _____ DATE 11-6-2020

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

FRANKS 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 0233
 LOCATION Lyons KS
 FOREMAN Miles Shea

FIELD TICKET & TREATMENT REPORT CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/28/20		Chris 1-26	26	11 S	21 W	Trego
CUSTOMER Keilly Oil Comp			TRUCK #		DRIVER	
MAILING ADDRESS			TRUCK #		DRIVER	
CITY			TRUCK #		DRIVER	
STATE			TRUCK #		DRIVER	
ZIP CODE			TRUCK #		DRIVER	

JOB TYPE Surface HOLE SIZE 12.25" HOLE DEPTH 224' CASING SIZE & WEIGHT 858" 28#
 CASING DEPTH 224' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.7 SLURRY VOL 1.32 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 12.75bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting + Request on discovery drilling circulate casing
Mix 150sx 60/40 39cc 28gal displac 12.75bbls water
Shut in Cement did circulate

Thanks Miles & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
P1002	1	PUMP CHARGE	1150. ⁰⁰	1150. ⁰⁰
M101	30	MILEAGE	6.50	195. ⁰⁰
M103	6.75 Ton	Ton Mileage delivery	600. ⁰⁰	600. ⁰⁰
CB014	150 sx	60/40 39cc 28 gal	18.25	2737. ⁵⁰
			Subtotal	4682.50
			Less 35% Dis.	-1638.88
			Subtotal	3043.62
			SALES TAX	133.45
			ESTIMATED TOTAL	3177.07

AUTHORIZATION *[Signature]* TITLE _____ DATE 10-28-2020

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

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TICKET NUMBER 0241
 LOCATION Michigan 4
 FOREMAN Miles Ska

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/6/20		Chris # 1-22				Trego
CUSTOMER Reily oil			TRUCK #		DRIVER	
MAILING ADDRESS			101		Miles S	
CITY			102		Sack T	
STATE						
ZIP CODE						

JOB TYPE 2 Stags DV HOLE SIZE 7 7/8" HOLE DEPTH 3962' CASING SIZE & WEIGHT 8.5" 15.5#
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER DVE 1729
 SLURRY WEIGHT 14.5 SLURRY VOL 14 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 95 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting + Rigman discover Arthro Circum Cas.
Mix 1755x OWS 5" 16.5" shot down for knee 55 bbls water 44 1/2 bbl
Mud Plus did land + hold 300' 16" land 1520'
Circum 3hrs Pump 3505x down casing shut down clay pump flows
dry flow 4 1/4 bbls 520' 16" land @ 1600' seal shut + hold
Ris down

Thanks Miles & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC005	1	PUMP CHARGE	1500.00	1500.00
M001	30	MILEAGE	6.50	195.00
M002	27.57 BNS	Tom mitras deliver	1.52	1237.95
CB021	4005x	60/40 8" 8.5" 16"	17.35	6940.00
CB030	1755x	Orel	28.55	4996.25
F013	7	5.5" Contro	0.00	0.00
FE022	3B	Bigshots 5.5"	385.00	1155.00
FE032	1	5 1/2" Guard Stop AFU	600.00	600.00
FE051	1	5.5" Latch down Plug	695.00	695.00
FE090	1	5.5 DV test	600.00	600.00
FE092	16	Recip Scratch	75.00	1200.00
			Subter	25079.20
			Less 350 disc	8777.72
			Subter	16301.48
			SALES TAX	1079.63
			ESTIMATED TOTAL	17381.11

AUTHORIZATION [Signature] TITLE _____ DATE 11-6-2020

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