

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)</i> <i>(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	LECUYER 1
Doc ID	1514077

All Electric Logs Run

Compensated Density/ Neutron
Micro Log
Dual Induction Log
Bond Log

Form	ACO1 - Well Completion
Operator	Reilly Oil Company, Inc.
Well Name	LECUYER 1
Doc ID	1514077

Tops

Name	Top	Datum
anhydrite	1639	+611
B anhydrite	1684	+566
Topeka	3336	-1085
Heebner	3569	-1318
Toronto	3595	-1344
Lansing	3609	-1358
Lansing C	3640	-1389
Lansing D	3661	-1410
Lansing E	3678	-1427
Lansing F	3689	-1438
Lansing G	3702	-1451
Lansing H	3740	-1490
Lansing I	3764	-1513
Lansing J	3790	-1539
Lansing K	3811	-1560
Lansing L	3833	-1582
BKC	3852	-1601
Pawnee	3948	-1697
Cherokee Shale	3999	-1748
Cher Sd	4012	-1761
Cong Sd	4030	-1779
Miss	4079	-1827
RTD	4124	-1874

A.P.I. # 15-195-23099-0000

GEOLOGICAL REPORT DRILLING TIME AND SAMPLE LOG

COMPANY Reilly Oil Company, Inc.

LEASE Lecuyer #1

FIELD Cedar View Southeast

LOCATION 627' FNL & 1050' FFL

SEC 12 TWSP 14S RGE 22W

COUNTY Trego STATE Kansas

CONTRACTOR S.T.P. Drilling LLC Rig #1

SPUD 1/21/20 COMP 1/30/20

SAMPLES SAVED FROM 3200' TO R.T.D.

ELEVATION

KB 2251'

DF 2249'

GL 2244'

Depths Measured From
Log KB Drilling KB

CASING

Surface 8 5/8" @ 222'

Production 5 1/2"

ELECTRIC LOGS

ELT

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
				-0-			
<u>Anhydrite</u>	<u>1639</u>	<u>1637</u>	<u>+ 614</u>	<u>+ 619</u>			
<u>Base Anhydrite</u>	<u>1689</u>	<u>1678</u>	<u>+ 573</u>	<u>+ 576</u>			
<u>Tapeka</u>	<u>3336</u>	<u>3332</u>	<u>- 1081</u>	<u>- 1082</u>			
<u>Heebner</u>	<u>3569</u>	<u>3563</u>	<u>- 1312</u>	<u>- 1314</u>			
<u>Toronto</u>	<u>3593</u>	<u>3588</u>	<u>- 1337</u>	<u>- 1341</u>			
<u>Lansing</u>	<u>3609</u>	<u>3605</u>	<u>- 1364</u>	<u>- 1366</u>			
<u>Base Kansas City</u>	<u>3852</u>	<u>3849</u>	<u>- 1596</u>	<u>- 1598</u>			
<u>Pawnee</u>	<u>3948</u>	<u>3943</u>	<u>- 1692</u>	<u>- 1695</u>			
<u>Cherokee Shale</u>	<u>3998</u>	<u>3993</u>	<u>- 1742</u>	<u>- 1745</u>			
<u>Morrow shale</u>	<u>4051</u>	<u>4046</u>	<u>- 1795</u>	<u>- 1812</u>			
<u>Mississippian</u>	<u>4075</u>	<u>4070</u>	<u>- 1819</u>	<u>- 1824</u>			
<u>Total Depth</u>	<u>4124</u>	<u>4122</u>	<u>- 1871</u>	<u>- 1848</u>			

REFERENCE WELLS

A XPLOR Energy, No 1-12 Lecuyer, Sec. 12-14S-22W

REMARKS

This well ran 2 feet higher on the Lansing top and 3 feet higher on the Cherokee shale top than the reference well. After receiving D.S.T. and open hole log data it was decided production casing should be cemented to further test the well. Three zones should be tested, 4057'-4060', 4036'-4038', 4030'-4033' and 4012'-4014'.

Richard H. Bell
1/30/20

LEGEND

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

DRILLING TIME IN MINUTES
PER FOOT
Rate of Penetration Decreases

DEPTH

5" 10" 15" 20" 25"



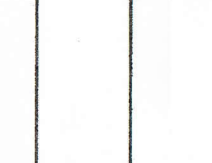
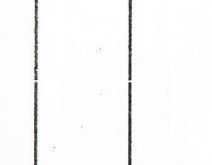


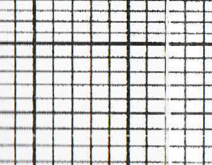

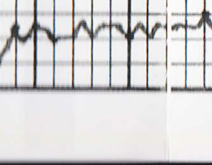
1630

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

SAMPLE DESCRIPTIONS	
1630	
1650	
1670	
1690	
3250	
3300	
20	
40	
60	

Amphibole
F. 109 1630

Base Amphibole
F. 109 1650

Base Topoka
F. 109 3300

Samples re-logged
good samples

LS: tn-gry with fls ds
N.S.O.
3450-3500

Shiny

LS: tn-gry with fls ds
N.S.O.

Top. LS: wh-tn fls ds
N.S.O.

LS: tn-gry with fls ds
ds N.S.O.

LS: tn-gry fls ds N.S.O.

60

LS: wh. to fcln v. dns
rare Tr. isol. frags Tr. ft.
spid 0.5 in 1 pc. # pp f.o.
on crush no odor

80

LS: wh. to fcln pr. pp &
Tr. ht. spid 0.5 in edge
Stn Tr small pp f.o. enough
No odor

3800

sh: gry, grn

20

LS: wh. to fcln-fst dns
Tr asph spid n.s.o.
No odor

sh: gry + brn

40

LS: wh. to fcln dns n.s.o.

aa

sh: gry, brn, grn

60

LS: wh. to fcln dns. n.s.o.

shly: brn + gry

80

3900

LS: tn-gry fcln dns
N.S.O.

sh: brn + gry

20

LS: tn-gry fcln-fst
dns n.s.o.

sh: brn + gry

40

LS: tn fcln dns n.s.o.
& or

60

LS: wh. to fcln dns n.s.o.
& tn-or

C.R.S.

C.R.S.

C.R.S.

Base Kansas City
E. 149 3847

Flowers
E. 149 3740



Company: Reilly Oil Company, Inc

Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 Sur
Field Name: Cedar View Southeast
Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Test Complete

DATE
January
25
2020

DST #1 Formation: LKC "C" Test Interval: 3625 - 3648' Total Depth: 3648'

Time On: 17:58 01/25 Time Off: 01:58 01/26
Time On Bottom: 19:49 01/25 Time Off Bottom: 22:49 01/25

Electronic Volume Estimate:
33'

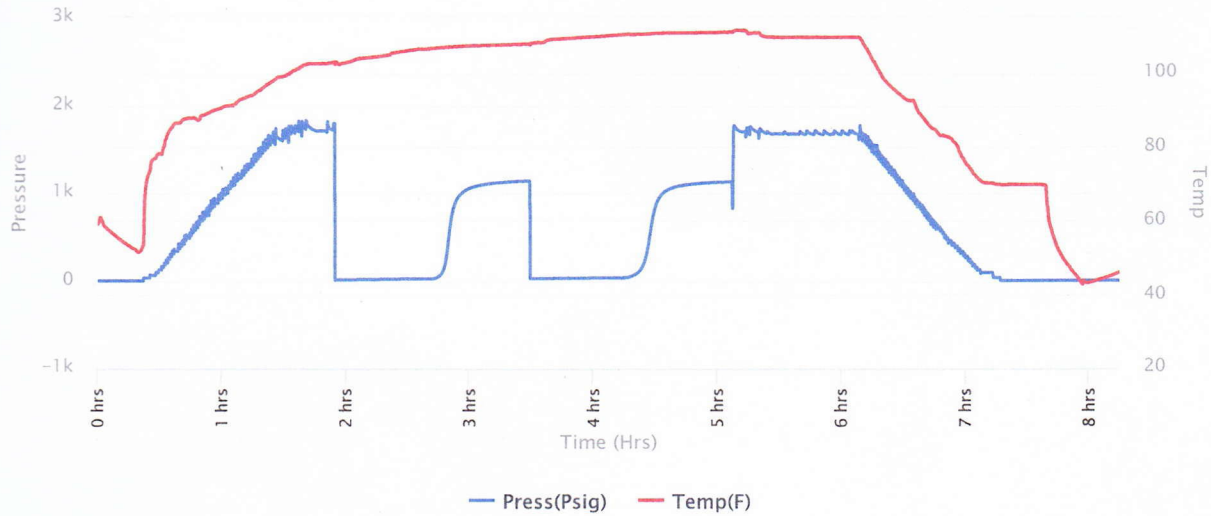
1st Open
Minutes: 45
Current Reading:
1" at 45 min
Max Reading: 1"

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

2nd Open
Minutes: 45
Current Reading:
.20" at 45 min
Max Reading: .20"

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

Inside Recorder





Company: Reilly Oil Company, Inc

Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 Sur
Field Name: Cedar View Southeast
Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Test Complete

DATE
January
25
2020

DST #1 **Formation: LKC "C"** **Test Interval: 3625 - 3648'** **Total Depth: 3648'**
Time On: 17:58 01/25 Time Off: 01:58 01/26
Time On Bottom: 19:49 01/25 Time Off Bottom: 22:49 01/25

Recovered

Foot	BBLs
60	0.2952

Description of Fluid
SLGCHWCM

Gas %
0

Oil %
1

Water %
49

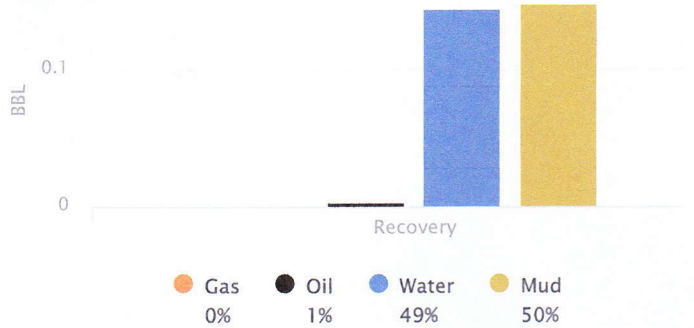
Mud %
50

Total Recovered: 60 ft
Total Barrels Recovered: 0.2952

Reversed Out
NO

Initial Hydrostatic Pressure	1695	PSI
Initial Flow	7 to 22	PSI
Initial Closed in Pressure	1138	PSI
Final Flow Pressure	24 to 34	PSI
Final Closed in Pressure	1128	PSI
Final Hydrostatic Pressure	1694	PSI
Temperature	112	°F
Pressure Change Initial Close / Final Close	0.9	%

Recovery at a glance



GIP cubic foot volume: 0



Company: Reilly Oil Company, Inc

Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 Sur
Field Name: Cedar View Southeast
Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Test Complete

DATE
January
25
2020

DST #1 Formation: LKC "C" Test Interval: 3625 - 3648' Total Depth: 3648'

Time On: 17:58 01/25 Time Off: 01:58 01/26
Time On Bottom: 19:49 01/25 Time Off Bottom: 22:49 01/25

BUCKET MEASUREMENT:

Diesel in Bucket

- 1st Open: WSB. Built to 1 inch in 45 mins
- 1st Close: NOBB
- 2nd Open: WSB. Built to 1/4 inch in 45 mins
- 2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 1% Oil 10% Water 89% Mud

Ph: 7

Measured RW: .4 @ 54 degrees °F

RW at Formation Temp: 0.205 @ 112 °F

Chlorides: 30,000 ppm



Company: Reilly Oil Company, Inc

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Elevation: 2244 Sur
Field Name: Cedar View Southeast
Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Test Complete

DATE
January
25
2020

DST #1 **Formation: LKC "C"** **Test Interval: 3625 - 3648'** **Total Depth: 3648'**
Time On: 17:58 01/25 Time Off: 01:58 01/26
Time On Bottom: 19:49 01/25 Time Off Bottom: 22:49 01/25

Down Hole Makeup

Heads Up: 27.42 FT	Packer 1: 3620 FT
Drill Pipe: 3504.93 FT <i>ID-3 1/2</i>	Packer 2: 3625 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3609.42 FT
Collars: 119.75 FT <i>ID-2 1/4</i>	Bottom Recorder: 3627 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: 23	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 22 FT <i>4 1/2-FH</i>	



Company: Reilly Oil Company, Inc

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1

1/26/2020

DST #1 for - Diamond Testing, LLC

Operation:
Test Complete

Lease: Lecuyer #1

Elevation: 2244 Sur
Field Name: Cedar View Southeast
Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

DATE
January
25
2020

DST #1 Formation: LKC "C" Test Interval: 3625 - 3648' Total Depth: 3648'
Time On: 17:58 01/25 Time Off: 01:58 01/26
Time On Bottom: 19:49 01/25 Time Off Bottom: 22:49 01/25

Mud Properties

Mud Type: Chem Weight: 9.2 Viscosity: 52 Filtrate: 8 Chlorides: 4000 ppm



Operation:

Company: Reilly Oil Company, Inc
Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 Sur
Field Name: Cedar View Southeast

1/26/2020

Test Complete

DST #1 for - Diamond Testing, LLC

Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

DATE
January
25
2020

DST #1 **Formation: LKC "C"** **Test Interval: 3625 - 3648'** **Total Depth: 3648'**

Time On: 17:58 01/25 Time Off: 01:58 01/26
Time On Bottom: 19:49 01/25 Time Off Bottom: 22:49 01/25

Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D
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2nd Open

Time	Orifice	PSI	MCF/D
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Company: Reilly Oil Company, Inc

Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 Sur
Field Name: Cedar View Southeast
Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Uploading recovery & pressures

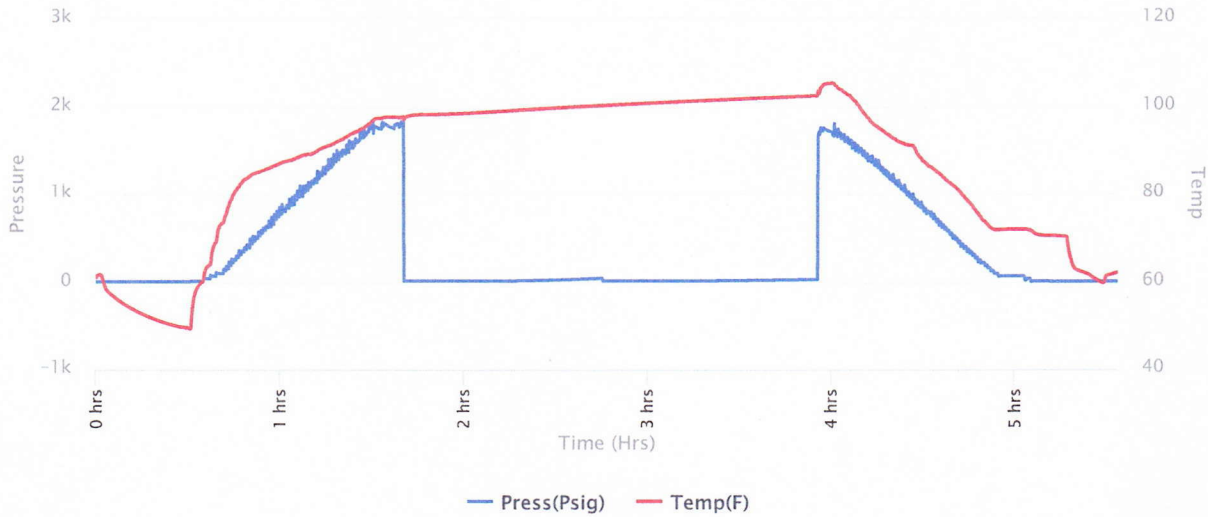
DATE
January
26
2020

DST #2 **Formation: Lans D** **Test Interval: 3650 - 3670'** **Total Depth: 3670'**
Time On: 08:36 01/26 Time Off: 13:59 01/26
Time On Bottom: 10:13 01/26 Time Off Bottom: 12:13 01/26

Electronic Volume Estimate:
7'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 30	Minutes: 30	Minutes: 30
Current Reading: .25" at 30 min	Current Reading: 0" at 30 min	Current Reading: 0" at 30 min	Current Reading: 0" at 30 min
Max Reading: .25"	Max Reading: 0"	Max Reading: 0"	Max Reading: 0"

Inside Recorder





Company: Reilly Oil Company, Inc
Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
 County: TREGO
 State: Kansas
 Drilling Contractor: STP Drilling, LLC - Rig 1
 Elevation: 2244 Sur
 Field Name: Cedar View Southeast
 Pool: Wildcat
 Job Number: 436
 API #: 15-195-23099-00-00

Operation:
 Uploading recovery & pressures

DATE
 January
26
 2020

DST #2 **Formation: Lans D** **Test Interval: 3650 - 3670'** **Total Depth: 3670'**
 Time On: 08:36 01/26 Time Off: 13:59 01/26
 Time On Bottom: 10:13 01/26 Time Off Bottom: 12:13 01/26

Recovered

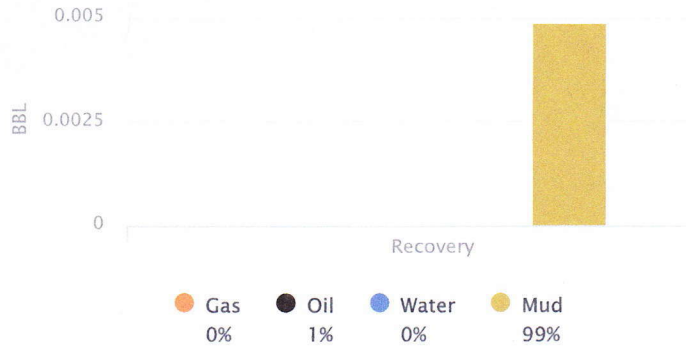
<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
1	0.00492	SLOCM	0	1	0	99

Total Recovered: 1 ft
 Total Barrels Recovered: 0.00492

Reversed Out
 NO

Initial Hydrostatic Pressure	1745	PSI
Initial Flow	8 to 9	PSI
Initial Closed in Pressure	38	PSI
Final Flow Pressure	9 to 10	PSI
Final Closed in Pressure	24	PSI
Final Hydrostatic Pressure	1748	PSI
Temperature	103	°F
Pressure Change Initial Close / Final Close	37.9	%

Recovery at a glance



GIP cubic foot volume: 0

1/26/2020

DST #2 for - Diamond Testing, LLC



Company: Reilly Oil Company, Inc

Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 Sur
Field Name: Cedar View Southeast
Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Uploading recovery & pressures

DATE
January
26
2020

DST #2 Formation: Lans D Test Interval: 3650 - 3670' Total Depth: 3670'
Time On: 08:36 01/26 Time Off: 13:59 01/26
Time On Bottom: 10:13 01/26 Time Off Bottom: 12:13 01/26

BUCKET MEASUREMENT:

Diesel in Bucket

1st Open: WSB. Built to 1/4 inch in 30 mins.

1st Close: NOBB

2nd Open: No Blow

2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 1% Oil 0% Water 99% Mud



Company: Reilly Oil Company, Inc
Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 Sur
Field Name: Cedar View Southeast
Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Uploading recovery & pressures

DATE
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DST #2 Formation: Lans D Test Interval: 3650 - 3670' Total Depth: 3670'
Time On: 08:36 01/26 Time Off: 13:59 01/26
Time On Bottom: 10:13 01/26 Time Off Bottom: 12:13 01/26

Down Hole Makeup

Heads Up: 2.42000000000002 FT	Packer 1: 3645 FT
Drill Pipe: 3504.93 FT <i>ID-3 1/2</i>	Packer 2: 3650 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3634.42 FT
Collars: 119.75 FT <i>ID-2 1/4</i>	Bottom Recorder: 3652 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 20	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 19 FT <i>4 1/2-FH</i>	



Company: Reilly Oil Company, Inc

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1

1/26/2020

DST #2 for - Diamond Testing, LLC

Operation:
Uploading recovery &
pressures

Lease: Lecuyer #1

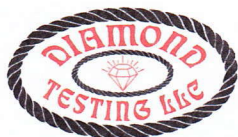
Elevation: 2244 Sur
Field Name: Cedar View Southeast
Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

DATE
January
26
2020

DST #2 **Formation: Lans D** **Test Interval: 3650 - 3670'** **Total Depth: 3670'**
Time On: 08:36 01/26 Time Off: 13:59 01/26
Time On Bottom: 10:13 01/26 Time Off Bottom: 12:13 01/26

Mud Properties

Mud Type: Chem **Weight:** 9.4 **Viscosity:** 48 **Filtrate:** 9.6 **Chlorides:** 7500 ppm



Company: Reilly Oil Company, Inc
Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 Sur
Field Name: Cedar View Southeast

Operation:

1/26/2020

DST #2 for - Diamond Testing, LLC

Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

Uploading recovery &
pressures

DATE
January
26
2020

DST #2 **Formation: Lans D** **Test Interval: 3650 - 3670'** **Total Depth: 3670'**
Time On: 08:36 01/26 Time Off: 13:59 01/26
Time On Bottom: 10:13 01/26 Time Off Bottom: 12:13 01/26

Gas Volume Report

1st Open

2nd Open

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



Company: Reilly Oil Company, Inc

Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 Sur
Field Name: Cedar View Southeast
Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Uploading recovery & pressures

DATE
January
26
2020

DST #3 **Formation: Lans F** **Test Interval: 3685 - 3700'** **Total Depth: 3700'**
Time On: 21:33 01/26 Time Off: 04:52 01/27
Time On Bottom: 23:41 01/26 Time Off Bottom: 02:41 01/27

Electronic Volume Estimate:
126'

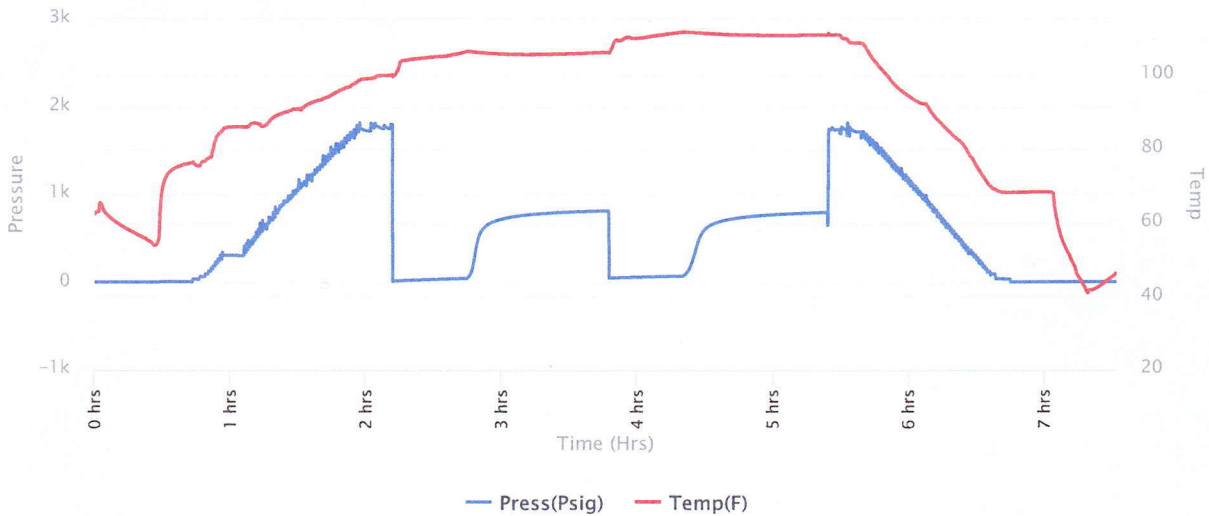
1st Open
Minutes: 30
Current Reading:
3" at 30 min
Max Reading: 3"

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

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

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

Inside Recorder





Company: Reilly Oil Company, Inc
Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
 County: TREGO
 State: Kansas
 Drilling Contractor: STP Drilling, LLC - Rig 1
 Elevation: 2244 Sur
 Field Name: Cedar View Southeast
 Pool: Wildcat
 Job Number: 436
 API #: 15-195-23099-00-00

Operation:
 Uploading recovery & pressures

DATE
 January
26
 2020

DST #3 **Formation: Lans F** **Test Interval: 3685 - 3700'** **Total Depth: 3700'**
 Time On: 21:33 01/26 Time Off: 04:52 01/27
 Time On Bottom: 23:41 01/26 Time Off Bottom: 02:41 01/27

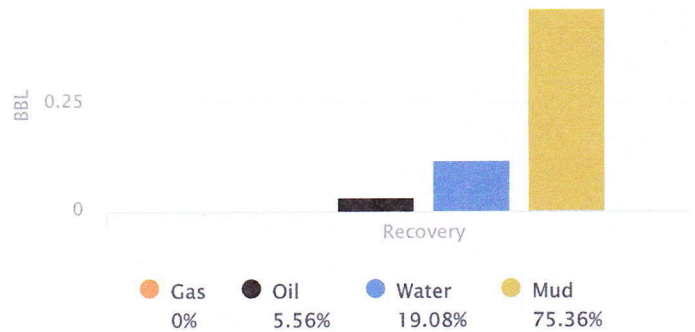
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
2	0.02846	O	0	100	0	0
120	0.58917	SLOCWCM	0	1	20	79

Total Recovered: 122 ft
 Total Barrels Recovered: 0.61763

Reversed Out
 NO

Initial Hydrostatic Pressure	1724	PSI
Initial Flow	9 to 43	PSI
Initial Closed in Pressure	812	PSI
Final Flow Pressure	47 to 69	PSI
Final Closed in Pressure	793	PSI
Final Hydrostatic Pressure	1724	PSI
Temperature	112	°F
Pressure Change Initial Close / Final Close	2.3	%

Recovery at a glance



GIP cubic foot volume: 0



Company: Reilly Oil Company, Inc

Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 Sur
Field Name: Cedar View Southeast
Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Uploading recovery & pressures

DATE
January
26
2020

DST #3 Formation: Lans F Test Interval: 3685 - 3700' Total Depth: 3700'
Time On: 21:33 01/26 Time Off: 04:52 01/27
Time On Bottom: 23:41 01/26 Time Off Bottom: 02:41 01/27

BUCKET MEASUREMENT:

Diesel in Bucket

1st Open: Wsb. Built to 3 inches in 30 mins

1st Close: NOBB

2nd Open: WSB. Built to 2 inches in 30 mins

2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 10% Oil 10% Water 80% Mud

Ph: 7

Measured RW: .33 @ 50 degrees °F

RW at Formation Temp: 0.158 @ 112 °F

Chlorides: 28700 ppm



Company: Reilly Oil Company, Inc
Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 Sur
Field Name: Cedar View Southeast
Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Uploading recovery & pressures

DATE
January
26
2020

DST #3 **Formation: Lans F** **Test Interval: 3685 - 3700'** **Total Depth: 3700'**
Time On: 21:33 01/26 Time Off: 04:52 01/27
Time On Bottom: 23:41 01/26 Time Off Bottom: 02:41 01/27

Down Hole Makeup

Heads Up: 30.32 FT	Packer 1: 3680 FT
Drill Pipe: 3567.83 FT <i>ID-3 1/2</i>	Packer 2: 3685 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3669.42 FT
Collars: 119.75 FT <i>ID-2 1/4</i>	Bottom Recorder: 3687 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: 15	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 14 FT <i>4 1/2-FH</i>	



Company: Reilly Oil Company, Inc

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1

1/27/2020

DST #3 for - Diamond Testing, LLC

Operation:
Uploading recovery &
pressures

Lease: Lecuyer #1

Elevation: 2244 Sur
Field Name: Cedar View Southeast
Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

DATE
January
26
2020

DST #3 **Formation: Lans F** **Test Interval: 3685 - 3700'** **Total Depth: 3700'**

Time On: 21:33 01/26 Time Off: 04:52 01/27
Time On Bottom: 23:41 01/26 Time Off Bottom: 02:41 01/27

Mud Properties

Mud Type: Chem **Weight:** 9.4 **Viscosity:** 48 **Filtrate:** 9.6 **Chlorides:** 7500 ppm



Operation:

Company: Reilly Oil Company, Inc

Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 Sur
Field Name: Cedar View Southeast

1/27/2020

DST #3 for - Diamond Testing, LLC

Pool: Wildcat
Job Number: 436
API #: 15-195-23099-00-00

Uploading recovery &
pressures

DATE
January
26
2020

DST #3 **Formation: Lans F** **Test Interval: 3685 - 3700'** **Total Depth: 3700'**

Time On: 21:33 01/26 Time Off: 04:52 01/27
Time On Bottom: 23:41 01/26 Time Off Bottom: 02:41 01/27

Gas Volume Report

1st Open

2nd Open

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

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



Company: Reilly Oil Company, Inc

Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 GL
Field Name: Cedar View SE
Pool: WILDCAT
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Uploading recovery & pressures

DATE
January
28
2020

DST #4 **Formation: Cher Sand** **Test Interval: 3982 - 4045'** **Total Depth: 4045'**
Time On: 13:34 01/28 Time Off: 21:50 01/28
Time On Bottom: 15:38 01/28 Time Off Bottom: 19:23 01/28

Electronic Volume Estimate:
170'

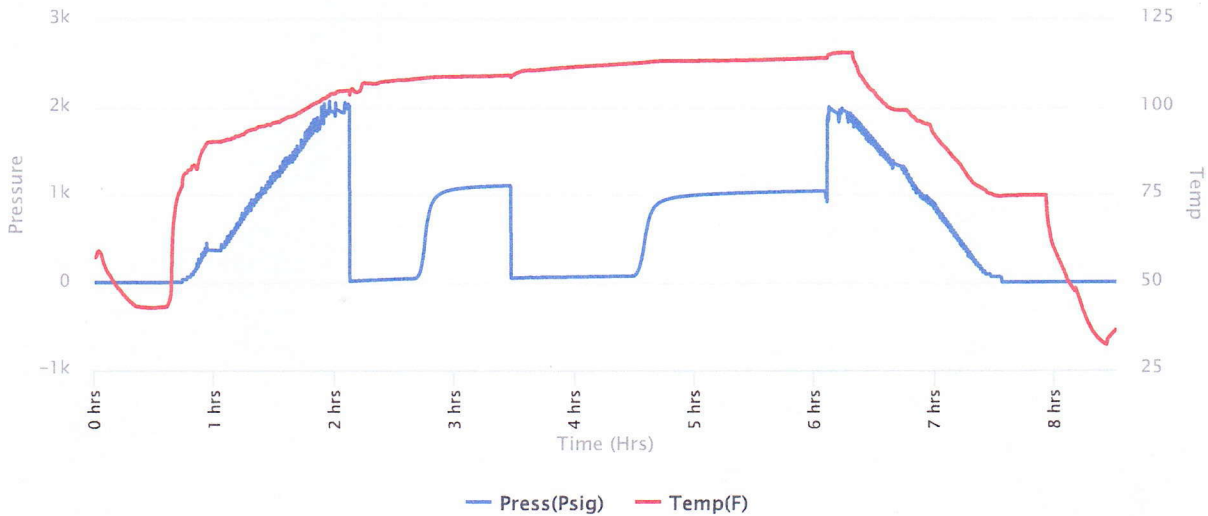
1st Open
Minutes: 30
Current Reading:
4.2" at 30 min
Max Reading: 4.2"

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

2nd Open
Minutes: 60
Current Reading:
4" at 60 min
Max Reading: 4.6"

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

Inside Recorder





Company: Reilly Oil Company, Inc
Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
 County: TREGO
 State: Kansas
 Drilling Contractor: STP Drilling, LLC - Rig 1
 Elevation: 2244 GL
 Field Name: Cedar View SE
 Pool: WILDCAT
 Job Number: 436
 API #: 15-195-23099-00-00

Operation:
 Uploading recovery & pressures

DATE
 January
28
 2020

DST #4 **Formation: Cher Sand** **Test Interval: 3982 - 4045'** **Total Depth: 4045'**
 Time On: 13:34 01/28 Time Off: 21:50 01/28
 Time On Bottom: 15:38 01/28 Time Off Bottom: 19:23 01/28

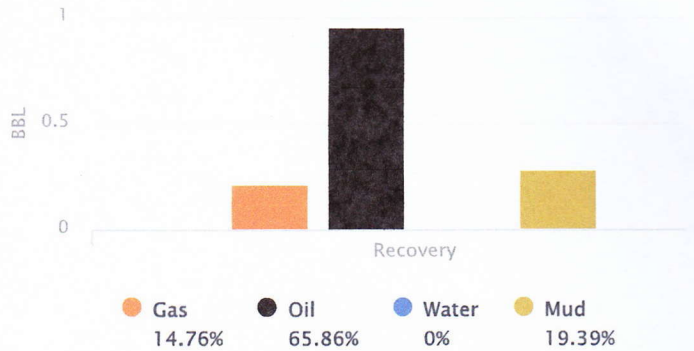
<u>Recovered</u>		<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
<u>Foot</u>	<u>BBLs</u>					
15	0.21345	G	100	0	0	0
105	0.9378775	O	0	100	0	0
60	0.2952	SLOCM	0	5	0	95

Total Recovered: 180 ft
 Total Barrels Recovered: 1.4465275

Reversed Out
 NO

Initial Hydrostatic Pressure	1933	PSI
Initial Flow	11 to 44	PSI
Initial Closed in Pressure	1104	PSI
Final Flow Pressure	50 to 73	PSI
Final Closed in Pressure	1041	PSI
Final Hydrostatic Pressure	1932	PSI
Temperature	114	°F
Pressure Change Initial Close / Final Close	5.6	%

Recovery at a glance



GIP cubic foot volume: 1.19842



Company: Reilly Oil Company, Inc
Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 GL
Field Name: Cedar View SE
Pool: WILDCAT
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Uploading recovery & pressures

DATE
January
28
2020

DST #4 **Formation: Cher Sand** **Test Interval: 3982 - 4045'** **Total Depth: 4045'**
Time On: 13:34 01/28 Time Off: 21:50 01/28
Time On Bottom: 15:38 01/28 Time Off Bottom: 19:23 01/28

BUCKET MEASUREMENT:

Diesel in Bucket

- 1st Open: 1/4 Blow. Built to 4 1/4 inch in 30 mins
- 1st Close: NOBB
- 2nd Open: 1/4" Blow. Built to 4 3/4 inch in 60 mins
- 2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 45% Oil 0% Water 55% Mud

Gravity: 36.3 @ 60 °F



Company: Reilly Oil Company, Inc
Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 GL
Field Name: Cedar View SE
Pool: WILDCAT
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Uploading recovery & pressures

DATE
January
28
2020

DST #4 Formation: Cher Sand Test Interval: 3982 - 4045' Total Depth: 4045'
Time On: 13:34 01/28 Time Off: 21:50 01/28
Time On Bottom: 15:38 01/28 Time Off Bottom: 19:23 01/28

Down Hole Makeup

Heads Up: 49.09 FT	Packer 1: 3977.15 FT
Drill Pipe: 3883.75 FT <i>ID-3 1/2</i>	Packer 2: 3982.15 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3966.57 FT
Collars: 119.75 FT <i>ID-2 1/4</i>	Bottom Recorder: 4018 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 62.85	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 1 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 31.35 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 28 FT <i>4 1/2-FH</i>	



Company: Reilly Oil Company, Inc

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1

1/28/2020

DST #4 for - Diamond Testing, LLC

Operation:
Uploading recovery &
pressures

Lease: Lecuyer #1

Elevation: 2244 GL
Field Name: Cedar View SE
Pool: WILDCAT
Job Number: 436
API #: 15-195-23099-00-00

DATE
January
28
2020

DST #4 **Formation: Cher Sand** **Test Interval: 3982 - 4045'** **Total Depth: 4045'**
Time On: 13:34 01/28 Time Off: 21:50 01/28
Time On Bottom: 15:38 01/28 Time Off Bottom: 19:23 01/28

Mud Properties

Mud Type: Chem **Weight:** 9.3 **Viscosity:** 59 **Filtrate:** 7.6 **Chlorides:** 5900 ppm



Operation:

Company: Reilly Oil Company, Inc
Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 GL
Field Name: Cedar View SE

1/28/2020

Uploading recovery & pressures

DST #4 for - Diamond Testing, LLC

Pool: WILDCAT
Job Number: 436
API #: 15-195-23099-00-00

DATE
January
28
2020

DST #4 **Formation: Cher Sand** **Test Interval: 3982 - 4045'** **Total Depth: 4045'**
Time On: 13:34 01/28 Time Off: 21:50 01/28
Time On Bottom: 15:38 01/28 Time Off Bottom: 19:23 01/28

Gas Volume Report

1st Open

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

2nd Open

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



Company: Reilly Oil Company, Inc

Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 GL
Field Name: Cedar View SE
Pool: WILDCAT
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Uploading recovery & pressures

DATE
January
29
2020

DST #5 **Formation: Morrow Sand** **Test Interval: 4044 - 4067'** **Total Depth: 4122'**
Time On: 14:48 01/29 Time Off: 22:27 01/29
Time On Bottom: 16:36 01/29 Time Off Bottom: 19:06 01/29

Electronic Volume Estimate:
1761'

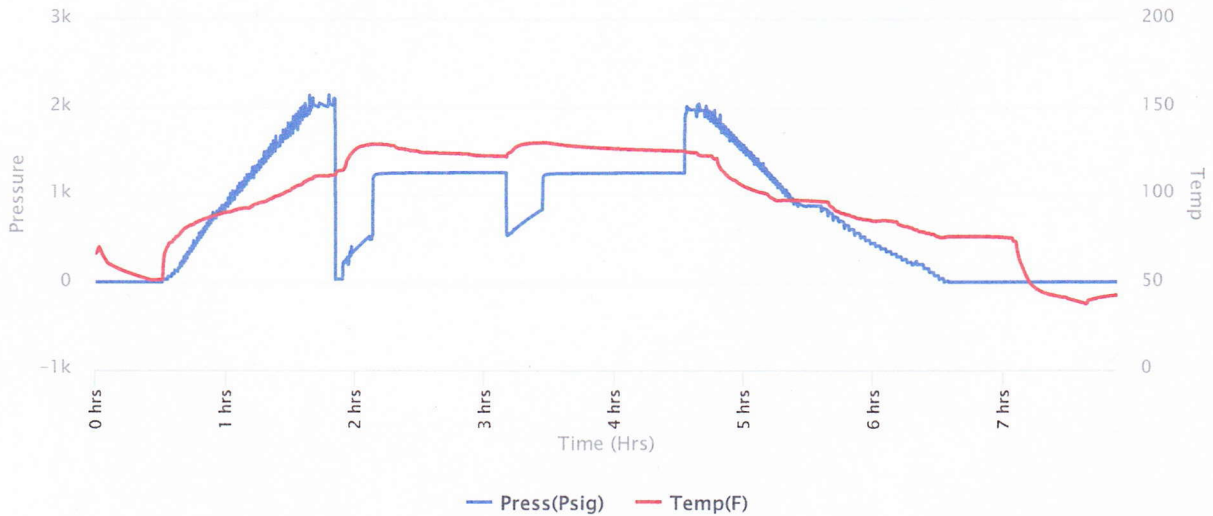
1st Open
Minutes: 15
Current Reading:
84.9" at 15 min
Max Reading: 84.9"

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

2nd Open
Minutes: 15
Current Reading:
96.4" at 15 min
Max Reading: 96.4"

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

Inside Recorder





Company: Reilly Oil Company, Inc
Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
 County: TREGO
 State: Kansas
 Drilling Contractor: STP Drilling, LLC - Rig 1
 Elevation: 2244 GL
 Field Name: Cedar View SE
 Pool: WILDCAT
 Job Number: 436
 API #: 15-195-23099-00-00

Operation:
 Uploading recovery & pressures

DATE
 January
29
 2020

DST #5 **Formation: Morrow Sand** **Test Interval: 4044 - 4067'** **Total Depth: 4122'**
 Time On: 14:48 01/29 Time Off: 22:27 01/29
 Time On Bottom: 16:36 01/29 Time Off Bottom: 19:06 01/29

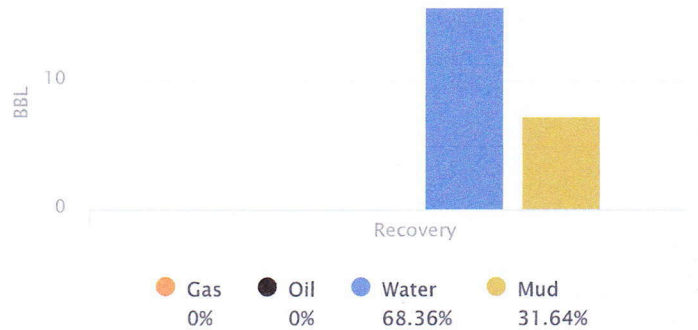
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
201	2.86023	M	0	0	0	100
434	6.17582	HMCW	0	0	50	50
744	10.58712	SLMCW	0	0	88	12
310	3.2964275	SLMCW	0	0	99	1

Total Recovered: 1689 ft
 Total Barrels Recovered: 22.9195975

Reversed Out
 NO

Initial Hydrostatic Pressure	1999	PSI
Initial Flow	29 to 544	PSI
Initial Closed in Pressure	1248	PSI
Final Flow Pressure	538 to 827	PSI
Final Closed in Pressure	1243	PSI
Final Hydrostatic Pressure	1988	PSI
Temperature	130	°F
Pressure Change Initial Close / Final Close	0.4	%

Recovery at a glance



GIP cubic foot volume: 0



Company: Reilly Oil Company, Inc

Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 GL
Field Name: Cedar View SE
Pool: WILDCAT
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Uploading recovery & pressures

DATE
January
29
2020

DST #5 **Formation: Morrow Sand** **Test Interval: 4044 - 4067'** **Total Depth: 4122'**
Time On: 14:48 01/29 Time Off: 22:27 01/29
Time On Bottom: 16:36 01/29 Time Off Bottom: 19:06 01/29

BUCKET MEASUREMENT:

Diesel in Bucket

- 1st Open: 1" Blow. BOB in 4 mins
- 1st Close: NOBB
- 2nd Open: 1" blow. BOB in 1 min.
- 2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 2% Oil 97% Water 1% Mud

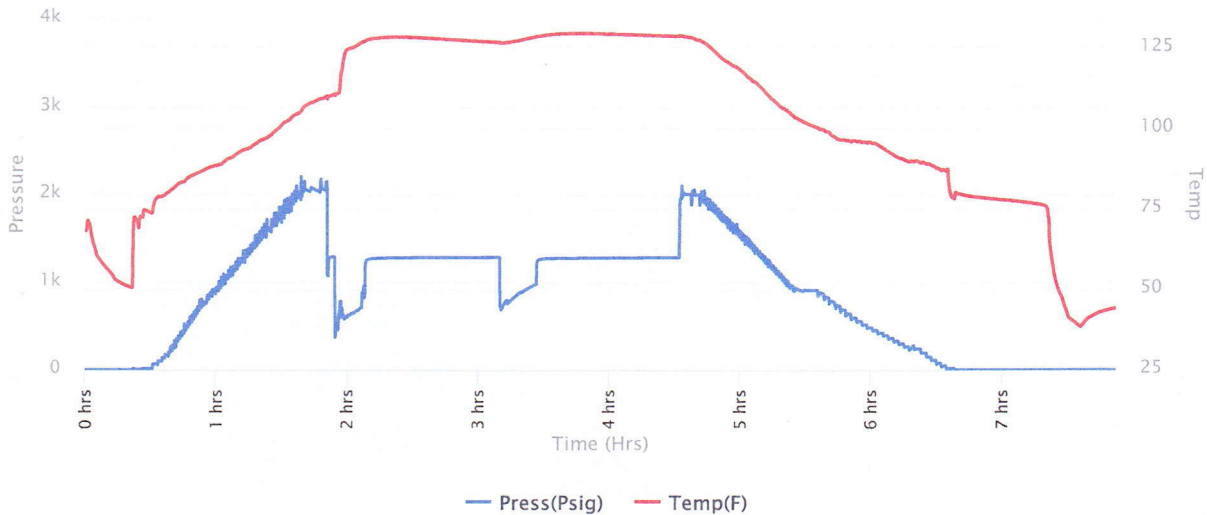
Ph: 7

Measured RW: .56 @ 43 degrees °F

RW at Formation Temp: 0.204 @ 130 °F

Chlorides: 25,000 ppm

Below Straddle Recorder





Company: Reilly Oil Company, Inc

Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
 County: TREGO
 State: Kansas
 Drilling Contractor: STP Drilling, LLC - Rig 1
 Elevation: 2244 GL
 Field Name: Cedar View SE
 Pool: WILDCAT
 Job Number: 436
 API #: 15-195-23099-00-00

Operation:
 Uploading recovery & pressures

DATE
 January
29
 2020

DST #5 **Formation: Morrow Sand** **Test Interval: 4044 - 4067'** **Total Depth: 4122'**
 Time On: 14:48 01/29 Time Off: 22:27 01/29
 Time On Bottom: 16:36 01/29 Time Off Bottom: 19:06 01/29

Down Hole Makeup

Heads Up: 17.29 FT	Packer 1: 4039 FT
Drill Pipe: 3913.8 FT <i>ID-3 1/2</i>	Packer 2: 4044 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Packer 3: 4067 FT
Collars: 119.75 FT <i>ID-2 1/4</i>	Top Recorder: 4028.42 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH</i> <i>Safety Joint</i>	Bottom Recorder: 4046 FT
Total Anchor: 23	Below Straddle Recorder: 4102 FT
Anchor Makeup	Well Bore Size: 7 7/8
Packer Sub: 1 FT	Surface Choke: 1"
Perforations: (top): FT <i>4 1/2-FH</i>	Bottom Choke: 5/8"
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 22 FT <i>4 1/2-FH</i>	
STRADDLE	
Straddle Packer(s): 1 FT	
Change Over: .5 FT	
Drill Pipe: 31.49 FT <i>ID-3 1/2"</i>	
Change Over: 1 FT	
Perforations (in tail pipe): 21 FT <i>4 1/2-FH</i>	



Company: Reilly Oil Company, Inc

Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 GL
Field Name: Cedar View SE
Pool: WILDCAT
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Uploading recovery & pressures

DATE
January
29
2020

DST #5 Formation: Morrow Sand Test Interval: 4044 - 4067' Total Depth: 4122'
Time On: 14:48 01/29 Time Off: 22:27 01/29
Time On Bottom: 16:36 01/29 Time Off Bottom: 19:06 01/29

Mud Properties

Mud Type: Chem **Weight:** 9.3 **Viscosity:** 60+ **Filtrate:** 6.4 **Chlorides:** 5400 ppm



Company: Reilly Oil Company, Inc
Lease: Lecuyer #1

SEC: 12 TWN: 14S RNG: 22W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC - Rig 1
Elevation: 2244 GL
Field Name: Cedar View SE
Pool: WILDCAT
Job Number: 436
API #: 15-195-23099-00-00

Operation:
Uploading recovery & pressures

DATE
January
29
2020

DST #5 Formation: Morrow Sand Test Interval: 4044 - 4067' Total Depth: 4122'
Time On: 14:48 01/29 Time Off: 22:27 01/29
Time On Bottom: 16:36 01/29 Time Off Bottom: 19:06 01/29

Gas Volume Report

1st Open

2nd Open

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

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

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 0133
 LOCATION Hoxie KS
 FOREMAN Miles Shaw

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-30-70		Lecuyer #1	12	145	22W	Trego
CUSTOMER Reilly Oil			TRUCK #		DRIVER	
MAILING ADDRESS			101		Sack, T	
CITY			102		Miles S	
STATE			TRUCK #		DRIVER	
ZIP CODE						

JOB TYPE Log String HOLE SIZE 7 7/8" HOLE DEPTH 4124' CASING SIZE & WEIGHT 5 1/2" 15.5"
 CASING DEPTH 4125' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.5 WATER gal/sk _____ CEMENT LEFT in CASING 22.8"
 DISPLACEMENT 97.75 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting and Rig up on STP drilling. Run in 98 sets Centralizers on sets 3, 5, 7, 9, 11, 13, 15, 18, 59 Baskets on sets 19, 60 Post collar tool on set 40 @ 1639' Circulate casing to Dis 38'. Pump seawal mud flush + 20 bbls HCL into mix 1705 x DWG S #1400 down casing. Shut down clear pump + lines displacer 97.75 bbls water with 100 Psi 1.11 Plus drill land and hold @ 1500 psi.

Scratchers on sets 3, 4, 5,
305 x RH 2040 48

Thanks Miles & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC003	1	PUMP CHARGE	1850. ⁰⁰	1850. ⁰⁰
M001	65	MILEAGE	6.50	422.50
M002	9.44 ton	ton Mileage delivery	1.50	920.40
CP013	50 gal	Mud Flush	1. ⁰⁰	500. ⁰⁰
CP014	2 gal	HCL	39. ⁰⁰	78. ⁰⁰
CB030	1705 x	DWG #5 Mdsca	28.55	4853.50
CB009	30 SA	60/40 48	15.5	465. ⁰⁰
FE013	10	5/2" Centralizer	80	800. ⁰⁰
FE022	2	5 1/2" Basket	385. ⁰⁰	770. ⁰⁰
FE033	1	5 1/2" AFA Liquid Shoe	600. ⁰⁰	600. ⁰⁰
FE051	1	5 1/2" Latch down plug & assembly	695. ⁰⁰	695. ⁰⁰
FE080	1	5 1/2" Post-Collar	3000. ⁰⁰	3000. ⁰⁰
FE090	32	5 1/2" Recirculating Scratchers	75	2400. ⁰⁰
			Subtotal	17354.40
			less 25% discount	4339.60
			Subtotal	13015.80
			SALES TAX	849.119
			ESTIMATED TOTAL	13,865.49

AUTHORIZATION [Signature]

TITLE _____

DATE _____

GLOBAL OIL FIELD SERVICES, LLC

13937

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell KS

DATE <u>1-21-20</u>	SEC. <u>12</u>	TWP. <u>14S</u>	RANGE <u>22W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>2:15PM</u>
LEASE <u>Lecuyer</u>	WELL #. <u>1</u>	LOCATION <u>South of Goodkirk to 15th Street</u>			COUNTY <u>Trego</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE)			<u>Curve 1/2 E. Southgate</u>				

CONTRACTOR STP Drilling Rig #1

TYPE OF JOB Surface

HOLE SIZE 17 3/4 T.D. 222'

CASING SIZE 8 3/4 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 25

PERFS

DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Cody

409 HELPER Tom

BULK TRUCK

411 DRIVER Eddie

BULK TRUCK

DRIVER

OWNER Rielly Oil

CEMENT AMOUNT ORDERED 150 3x 60/40 3%CC

2 1/2 gal

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

REMARKS:

Run 5 ft of 8 3/4 casing + Holed to Rig +
Boiler circulation. Holed to rig + Pumped
750LX of Cement + Displaced 12.5 bbls
of H2O + shut TX.

Cement did circulate @ surface

CHARGE TO: Rielly Oil

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

Global Oil Field Services, LLC
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Justin Koerner

SIGNATURE [Signature]

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

Reilly Oil Company, Inc.
P.O. Box 277
Wakeeney, KS 67672-0277

Lecuyer #1
Sec 12, Twp 14S, R 22W
Trego Co., KS

Pipe Set

Prepared for: Dusty Rhoades

Thursday January 30, 2020

Prepared by:
Dreiling Enterprises, LLC
Preston L. Dreiling
815 Main Street
Victoria, KS 67671
(785) 639-2099

Reilly Oil Company, Inc.
Lecuyer #1
Thursday January 30, 2020

T.D. - 4122'

Anhydrite 1637' - 1678'

Shoe joint- #1 (22.81').

Port collar on top of joint # 60 (1639').

Run joint #1. Run joints #3 through joint# 60. Port collar on top of joint# 60. Run joints #61 through joint # 99.

Joints # 2, #100 and #101 are out (105.96').

5 1/2" 15.5# Casing	4122.87'
Float Equipment	+ 3.00'
	4125.87'

Scratchers on joints #3, #4, #5, #9, #10, #11, #12 and #13.

Centralizers on joints # 3, #5, #7, #9, #11, #13, #15, #18 and #59.

Baskets on joints #19 and #60.

- 8:15 a.m. Start in hole with casing,
- 10:00 a.m. Tag bottom and rig up Franks Oilfield Service.
- 10:15 a.m. Break circulation. Run desco flush and reciprocate pipe.
- 12:00 p.m. Mud viscosity down to 37.
- 12:10 p.m. Pump mudflush and KCL
- 12:25 p.m. Start mixing down hole, mixed 170 sacks of OWC. Plug rat hole with 30 sacks.
- 12:47 p.m. Start displacement. 900# of lift pressure.
- 1:08 p.m. Land plug with 1200#- released- held.

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 0150
 LOCATION Hoxie, KS
 FOREMAN Mikes Shaw

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4/7/20		the Lecher #1	12	14S	22 U	Trego
CUSTOMER Rrelly Oil			TRUCK #		DRIVER	
MAILING ADDRESS			101		Sault Mikes S	
CITY			TRUCK #		DRIVER	
STATE						
ZIP CODE						

JOB TYPE Port Collar HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT 5.5"
 CASING DEPTH _____ DRILL PIPE _____ TUBING 2 7/8" OTHER PC 1640
 SLURRY WEIGHT 12.4 SLURRY VOL 1.9 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 8.5 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting and Rig up on well Spot. Test foals to 1000 psi. Spot Sand @ 3300' with 18 bbls Water Pull tubings to 1640 open tool spot gel over tool with 12 bbls gel water Pump down backside to establish tool open mix 6.5 bbls gel water Establish Circulation mix 250 sx 60/40 88 gel 1/4 # P/O displace 8.5 bbls water shut tool test to 1000 # Run in 5 Jnts Reverse Clean Run in tubing to 3300' circulate Sand off plug

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC602	1	PUMP CHARGE	1150.00	1150.00
Mool	50	MILEAGE	6.50	325.00
M002	11.62 Tons	Ton Mileage	1.50	871.50
CP003	3000 #	gel	.30	1200.00
CB	250 sx	60/40 88 gel 1/4 # P/O	17.35	4337.50
			Total	7884.00
			loss 302 disc	2365.20
			Total	5518.80
			SALES TAX	310.10
			ESTIMATED TOTAL	5,828.90

AUTHORIZATION [Signature] TITLE _____ DATE _____

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.