

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 Recompletion Date _____ 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	L. D. Drilling, Inc.
Well Name	ILENE 1-2
Doc ID	1423578

Tops

Name	Top	Datum
ANHYDRITE	2338	+522
BASE ANHYDRITE	2359	+501
STOTLER	3491	-631
HEEBNER	3848	-988
LANSING	3888	-1028
STARK	4136	-1276
MARMATON	4250	-1390
FORT SCOTT	4401	-1541
CHEROKEE	4428	-1568
MISSISSIPPI	4559	-1699
MISS SPERGEN	4660	-1800



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

SEC: 2 TWN: 14S RNG: 32W
 County: LOGAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2855 EGL
 Field Name: Maurice Northeast
 Pool: Infield
 Job Number: 205

Operation:
 Uploading recovery & pressures

DATE
 September
02
 2018

DST #1 **Formation: Lansing 35 ft zone B** **Test Interval: 3912 - 3932'** **Total Depth: 3932'**
 Time On: 20:58 09/02 Time Off: 05:08 09/03
 Time On Bottom: 00:18 09/03 Time Off Bottom: 03:18 09/03

Recovered

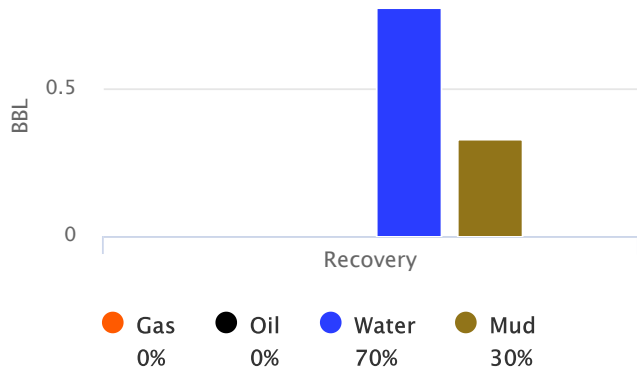
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
108	1.10808	HMCW	0	0	70	30

Total Recovered: 108 ft
 Total Barrels Recovered: 1.10808

**Reversed Out
 NO**

Initial Hydrostatic Pressure	1873	PSI
Initial Flow	11 to 32	PSI
Initial Closed in Pressure	959	PSI
Final Flow Pressure	33 to 63	PSI
Final Closed in Pressure	946	PSI
Final Hydrostatic Pressure	1862	PSI
Temperature	117	°F
Pressure Change Initial Close / Final Close	1.3	%

Recovery at a glance





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

SEC: 2 TWN: 14S RNG: 32W
County: LOGAN
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 2855 EGL
Field Name: Maurice Northeast
Pool: Infield
Job Number: 205

Operation:

Uploading recovery &
pressures

DATE

September

02

2018

DST #1	Formation: Lansing 35 ft zone B	Test Interval: 3912 - 3932'	Total Depth: 3932'
	Time On: 20:58 09/02	Time Off: 05:08 09/03	
	Time On Bottom: 00:18 09/03	Time Off Bottom: 03:18 09/03	

BUCKET MEASUREMENT:

1st Open: Wsb built to 4.6"

1st Close: Nobb

2nd Open: Wsb built to 5.4"

2nd Close: Nobb

REMARKS:

Tool Sample: 0% Gas 0% Oil 80% Water 20% Mud

Ph: 7

Measured RW: .2 @ 67 degrees °F

RW at Formation Temp: 0.119 @ 117 °F

Chlorides: 38000 ppm



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

SEC: 2 TWN: 14S RNG: 32W
County: LOGAN
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 2855 EGL
Field Name: Maurice NE
Pool: Infield
Job Number: 205

Operation:

Uploading recovery &
pressures

DATE

September

03

2018

DST #2	Formation: Lansing KC 70ft zone E	Test Interval: 3962 - 3982'	Total Depth: 3982'
	Time On: 15:18 09/03	Time Off: 21:52 09/03	
	Time On Bottom: 17:55 09/03	Time Off Bottom: 19:55 09/03	

BUCKET MEASUREMENT:

1st Open: Wsb no build
1st Close: Nobb
2nd Open: no blow no build
2nd Close: nobb

REMARKS:

tool sample 100% mud oil spec

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



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

SEC: 2 TWN: 14S RNG: 32W
 County: LOGAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2855 EGL
 Field Name: Maurice NE
 Pool: Infield
 Job Number: 205

Operation:
 Test Complete

DATE
 September
04
 2018

DST #3 **Formation: L/KC "H-J" (120'-180' Zones)** **Test Interval: 4052 - 4126'** **Total Depth: 4126'**
 Time On: 14:21 09/04 Time Off: 21:51 09/04
 Time On Bottom: 16:48 09/04 Time Off Bottom: 19:48 09/04

Electronic Volume Estimate:
 354'

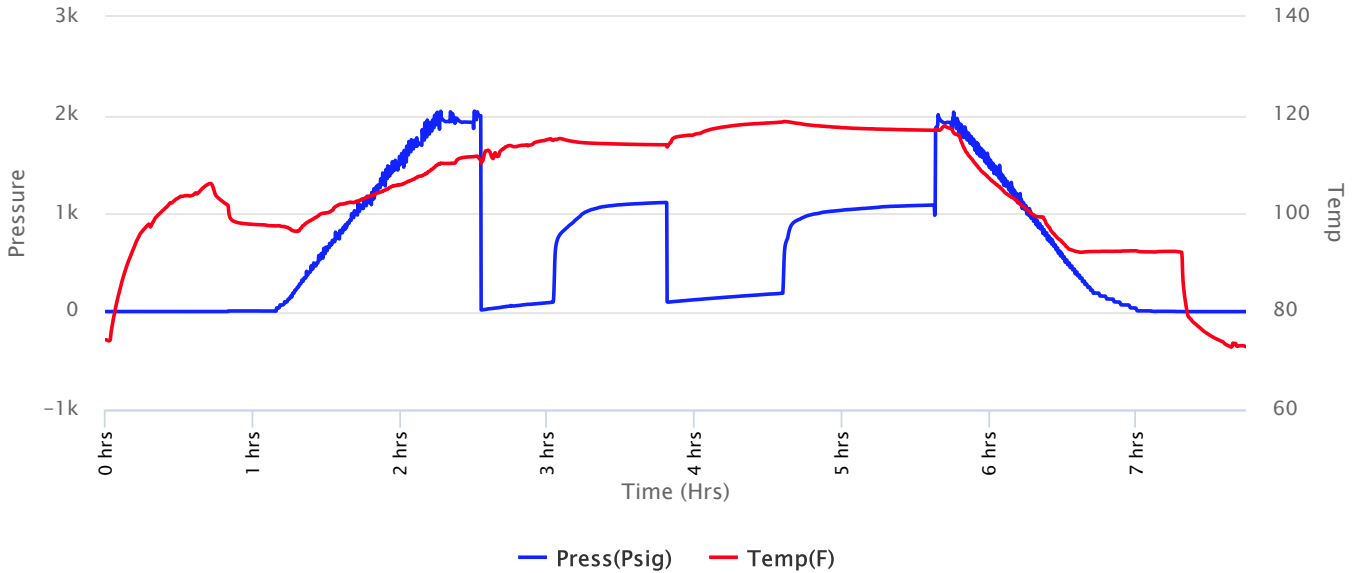
1st Open
 Minutes: 30
 Current Reading:
 15.3" at 30 min
 Max Reading: 15.3"

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

2nd Open
 Minutes: 45
 Current Reading:
 18" at 45 min
 Max Reading: 18"

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

Inside Recorder





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

SEC: 2 TWN: 14S RNG: 32W
 County: LOGAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2855 EGL
 Field Name: Maurice NE
 Pool: Infield
 Job Number: 205

Operation:
 Test Complete

DATE
 September
04
 2018

DST #3 **Formation: L/KC "H-J" (120'-180' Zones)** **Test Interval: 4052 - 4126'** **Total Depth: 4126'**
 Time On: 14:21 09/04 Time Off: 21:51 09/04
 Time On Bottom: 16:48 09/04 Time Off Bottom: 19:48 09/04

Recovered

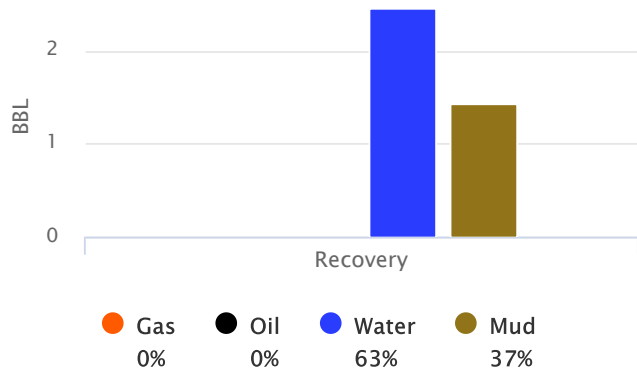
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
65	0.6669	M	0	0	0	100
63	0.64638	HWCM	0	0	50	50
126	1.29276	MCW	0	0	75	25
126	1.29276	SLMCW	0	0	90	10

Total Recovered: 380 ft
 Total Barrels Recovered: 3.8988

Reversed Out
NO

Initial Hydrostatic Pressure	1929	PSI
Initial Flow	15 to 94	PSI
Initial Closed in Pressure	1107	PSI
Final Flow Pressure	96 to 186	PSI
Final Closed in Pressure	1083	PSI
Final Hydrostatic Pressure	1924	PSI
Temperature	119	°F
Pressure Change Initial Close / Final Close	2.2	%

Recovery at a glance





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

SEC: 2 TWN: 14S RNG: 32W
County: LOGAN
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 2855 EGL
Field Name: Maurice NE
Pool: Infield
Job Number: 205

Operation:

Test Complete

DATE

September

04

2018

DST #3	Formation: L/KC "H-J" (120'-180' Zones)	Test Interval: 4052 - 4126'	Total Depth: 4126'
	Time On: 14:21 09/04	Time Off: 21:51 09/04	
	Time On Bottom: 16:48 09/04	Time Off Bottom: 19:48 09/04	

BUCKET MEASUREMENT:

1st Open: 1/4 in. building. BOB in 22 mins.

1st Close: No blow back.

2nd Open: Weak, surface blow building. BOB in 28 mins.

2nd Close: No blow back.

REMARKS:

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

Ph: 8

Measured RW: .25 @ 80 degrees °F

RW at Formation Temp: 0.172 @ 119 °F

Chlorides: 24000 ppm



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

SEC: 2 TWN: 14S RNG: 32W
 County: LOGAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc -
 Rig 1
 Elevation: 2855 EGL
 Field Name: Maurice NE
 Pool: Infield
 Job Number: 205

Operation:
 Test Complete

DATE
 September
04
 2018

DST #3 **Formation: L/KC "H-
 J" (120'-180' Zones)** **Test Interval: 4052 -
 4126'** **Total Depth: 4126'**
 Time On: 14:21 09/04 Time Off: 21:51 09/04
 Time On Bottom: 16:48 09/04 Time Off Bottom: 19:48 09/04

Down Hole Makeup

Heads Up: -35.98 FT	Packer 1: 4047 FT
Drill Pipe: 3983.45 FT <i>ID-3 1/4</i>	Packer 2: 4052 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4036.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 4099 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: 74	Surface Choke: 1"
<u>Anchor Makeup</u>	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): 31.5 FT <i>ID-3 1/4</i>	
Change Over: .5 FT	
Perforations: (below): 38 FT <i>4 1/2-FH</i>	



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

SEC: 2 TWN: 14S RNG: 32W
County: LOGAN
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 2855 EGL
Field Name: Maurice NE
Pool: Infield
Job Number: 205

Operation:
Test Complete

DATE
September
04
2018

DST #3 **Formation: L/KC "H-
J" (120'-180' Zones)** **Test Interval: 4052 -
4126'** **Total Depth: 4126'**
Time On: 14:21 09/04 Time Off: 21:51 09/04
Time On Bottom: 16:48 09/04 Time Off Bottom: 19:48 09/04

Mud Properties

Mud Type: Chemical **Weight:** 8.9 **Viscosity:** 60 **Filtrate:** 8.0 **Chlorides:** 3,500 ppm



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

SEC: 2 TWN: 14S RNG: 32W
 County: LOGAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2855 EGL
 Field Name: Maurice NE
 Pool: Infield
 Job Number: 205

Operation:
 Uploading recovery & pressures

DATE
 September
05
 2018

DST #4 **Formation: Lansing J and K** **Test Interval: 4108 - 4158'** **Total Depth: 4158'**
 Time On: 06:02 09/05 Time Off: 13:18 09/05
 Time On Bottom: 08:26 09/05 Time Off Bottom: 11:26 09/05

Electronic Volume Estimate:
 280'

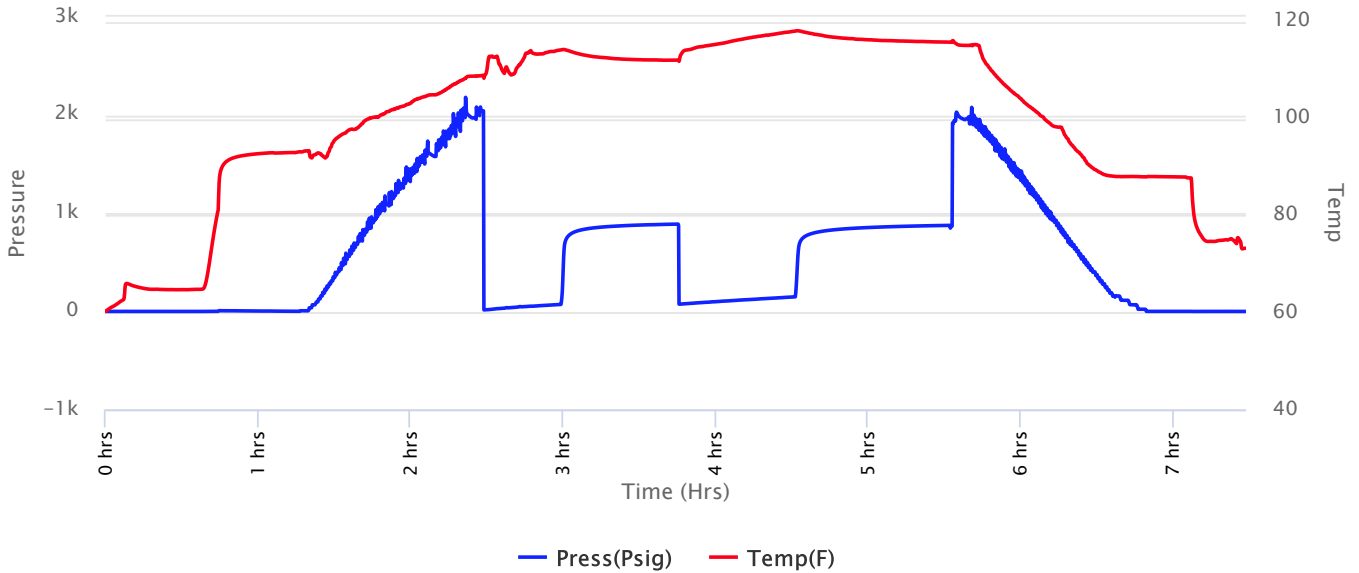
1st Open
 Minutes: 30
 Current Reading:
 11.5" at 30 min
 Max Reading: 11.5"

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

2nd Open
 Minutes: 45
 Current Reading:
 14" at 45 min
 Max Reading: 14"

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

Inside Recorder





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

SEC: 2 TWN: 14S RNG: 32W
 County: LOGAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2855 EGL
 Field Name: Maurice NE
 Pool: Infield
 Job Number: 205

Operation:
 Uploading recovery & pressures

DATE
 September
05
 2018

DST #4 **Formation: Lansing J and K** **Test Interval: 4108 - 4158'** **Total Depth: 4158'**
 Time On: 06:02 09/05 Time Off: 13:18 09/05
 Time On Bottom: 08:26 09/05 Time Off Bottom: 11:26 09/05

Recovered

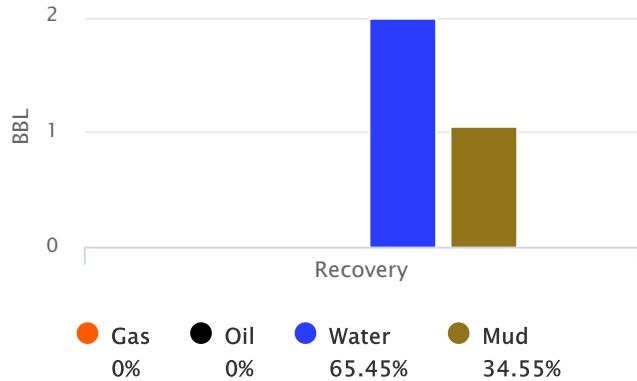
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
108	1.10808	HWCM	0	0	40	60
63	0.64638	HMCW	0	0	60	40
126	1.29276	SLMCW	0	0	90	10

Total Recovered: 297 ft
 Total Barrels Recovered: 3.04722

Reversed Out
NO

Initial Hydrostatic Pressure	1978	PSI
Initial Flow	14 to 70	PSI
Initial Closed in Pressure	888	PSI
Final Flow Pressure	72 to 147	PSI
Final Closed in Pressure	874	PSI
Final Hydrostatic Pressure	1973	PSI
Temperature	119	°F
Pressure Change Initial Close / Final Close	1.5	%

Recovery at a glance





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

SEC: 2 TWN: 14S RNG: 32W
County: LOGAN
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 2855 EGL
Field Name: Maurice NE
Pool: Infield
Job Number: 205

Operation:

Uploading recovery &
pressures

DATE

September

05

2018

DST #4	Formation: Lansing J and K	Test Interval: 4108 - 4158'	Total Depth: 4158'
	Time On: 06:02 09/05	Time Off: 13:18 09/05	
	Time On Bottom: 08:26 09/05	Time Off Bottom: 11:26 09/05	

BUCKET MEASUREMENT:

1st Open: 1/4' built to 11.5"

1st Close: Nobb

2nd Open: Wsb bob in 38 min

2nd Close: Nobb

REMARKS:

Tool Sample: 0% Gas 0% Oil 70% Water 30% Mud

Ph: 8

Measured RW: .18 @ 65 degrees °F

RW at Formation Temp: 0.103 @ 119 °F

Chlorides: 42000 ppm



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

SEC: 2 TWN: 14S RNG: 32W
 County: LOGAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2855 EGL
 Field Name: Maurice NE
 Pool: Infield
 Job Number: 205

Operation:
 Uploading recovery & pressures

DATE
 September
07
 2018

DST #5 **Formation: Pawnee and Cherokee** **Test Interval: 4340 - 4450'** **Total Depth: 4450'**
 Time On: 00:08 09/07 Time Off: 06:32 09/07
 Time On Bottom: 02:35 09/07 Time Off Bottom: 04:35 09/07

Electronic Volume Estimate:
 18'

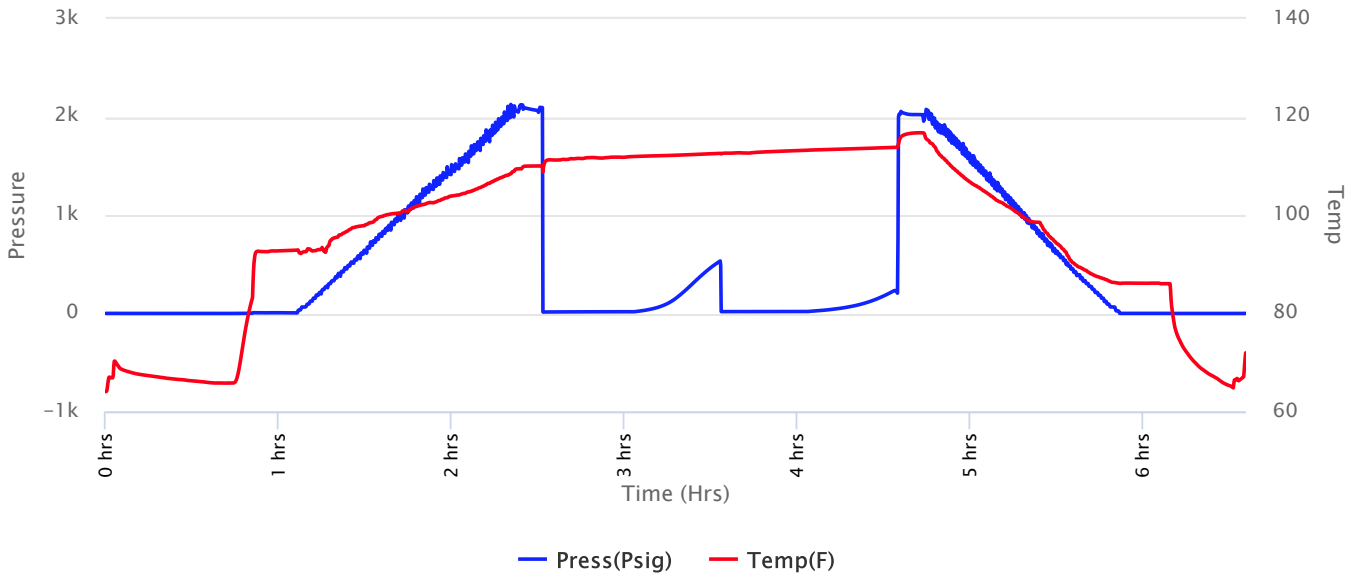
1st Open
 Minutes: 30
 Current Reading:
 1.4" at 30 min
 Max Reading: 1.5"

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

SEC: 2 TWN: 14S RNG: 32W
 County: LOGAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2855 EGL
 Field Name: Maurice NE
 Pool: Infield
 Job Number: 205

Operation:
 Uploading recovery & pressures

DATE
 September
07
 2018

DST #5 **Formation: Pawnee and Cherokee** **Test Interval: 4340 - 4450'** **Total Depth: 4450'**
 Time On: 00:08 09/07 Time Off: 06:32 09/07
 Time On Bottom: 02:35 09/07 Time Off Bottom: 04:35 09/07

Recovered

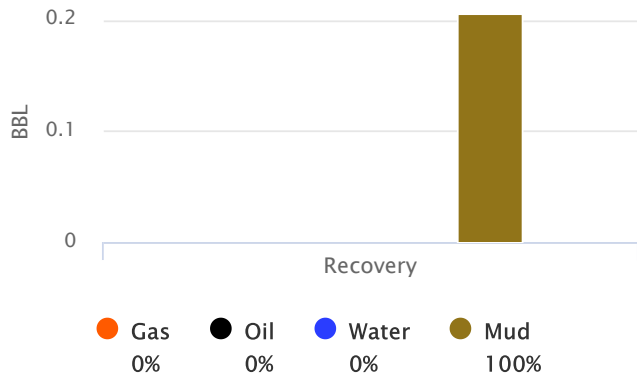
<u>Foot</u>	<u>BBLS</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
20	0.2052	M	0	0	0	100

Total Recovered: 20 ft
 Total Barrels Recovered: 0.2052

Reversed Out
NO

Initial Hydrostatic Pressure	2076	PSI
Initial Flow	13 to 16	PSI
Initial Closed in Pressure	533	PSI
Final Flow Pressure	16 to 18	PSI
Final Closed in Pressure	231	PSI
Final Hydrostatic Pressure	2056	PSI
Temperature	114	°F
Pressure Change Initial Close / Final Close	56.7	%

Recovery at a glance





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

SEC: 2 TWN: 14S RNG: 32W
County: LOGAN
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 2855 EGL
Field Name: Maurice NE
Pool: Infield
Job Number: 205

Operation:

Uploading recovery &
pressures

DATE

September

07

2018

DST #5	Formation: Pawnee and Cherokee	Test Interval: 4340 - 4450'	Total Depth: 4450'
	Time On: 00:08 09/07	Time Off: 06:32 09/07	
	Time On Bottom: 02:35 09/07	Time Off Bottom: 04:35 09/07	

BUCKET MEASUREMENT:

1st Open: 1/4" built to 1.4"

1st Close: Nobb

2nd Open: No blow no build

2nd Close: Nobb

REMARKS:

tool sample 100% mud oil spec

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



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

SEC: 2 TWN: 14S RNG: 32W
 County: LOGAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc -
 Rig 1
 Elevation: 2855 EGL
 Field Name: Maurice NE
 Pool: Infield
 Job Number: 205

Operation:
 Uploading recovery &
 pressures

DATE
 September
07
 2018

DST #5 **Formation: Pawnee and Cherokee** **Test Interval: 4340 - 4450'** **Total Depth: 4450'**
 Time On: 00:08 09/07 Time Off: 06:32 09/07
 Time On Bottom: 02:35 09/07 Time Off Bottom: 04:35 09/07

Down Hole Makeup

Heads Up: 32.29 FT	Packer 1: 4335 FT
Drill Pipe: 4339.72 FT <i>ID-3 1/4</i>	Packer 2: 4340 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4324.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 4439 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: 110	Surface Choke: 1"
<u>Anchor Makeup</u>	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): 93.5 FT <i>ID-3 1/4</i>	
Change Over: .5 FT	
Perforations: (below): 12 FT <i>4 1/2-FH</i>	



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

SEC: 2 TWN: 14S RNG: 32W
County: LOGAN
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 2855 EGL
Field Name: Maurice NE
Pool: Infield
Job Number: 205

Operation:

Uploading recovery &
pressures

DATE

September

07

2018

DST #5 **Formation: Pawnee and Cherokee** **Test Interval: 4340 - 4450'** **Total Depth: 4450'**
Time On: 00:08 09/07 Time Off: 06:32 09/07
Time On Bottom: 02:35 09/07 Time Off Bottom: 04:35 09/07

Mud Properties

Mud Type: Chemical **Weight:** 9.1 **Viscosity:** 58 **Filtrate:** 7.2 **Chlorides:** 3000 ppm



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

SEC: 2 TWN: 14S RNG: 32W
 County: LOGAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2855 EGL
 Field Name: Maurice NE
 Pool: Infield
 Job Number: 205

Operation:
 Uploading recovery & pressures

DATE
 September
07
 2018

DST #6 **Formation: Johnson / Morrow** **Test Interval: 4448 - 4564'** **Total Depth: 4564'**
 Time On: 20:18 09/07 Time Off: 03:11 09/08
 Time On Bottom: 23:11 09/07 Time Off Bottom: 01:11 09/08

Electronic Volume Estimate:
 17'

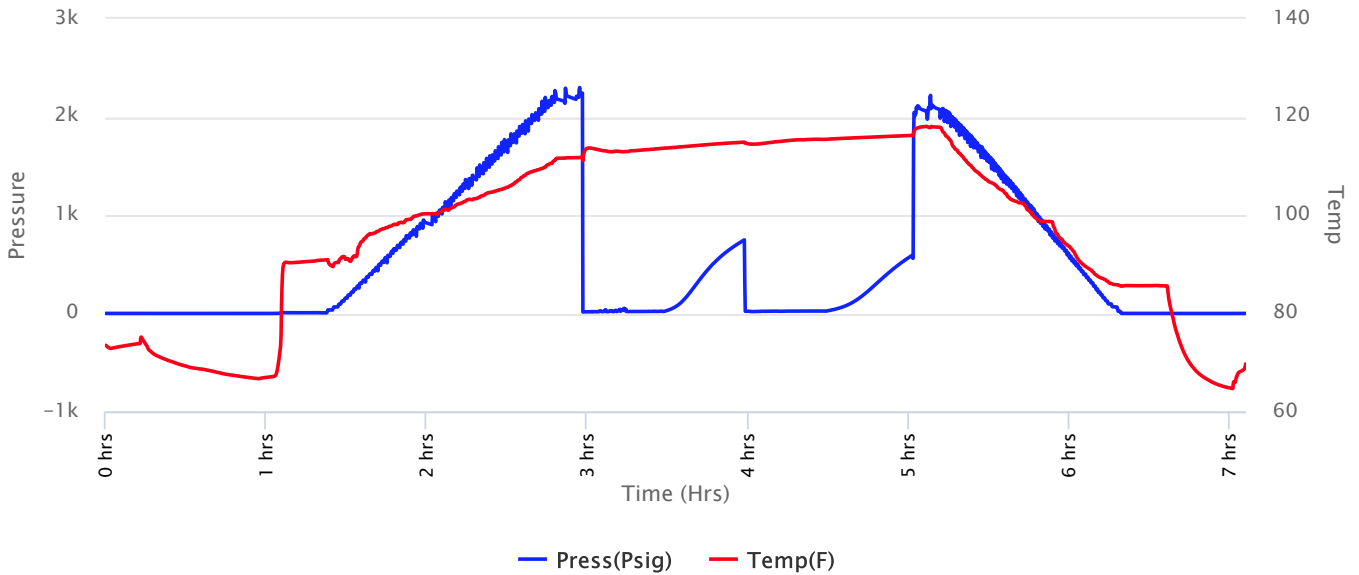
1st Open
 Minutes: 30
 Current Reading:
 1.3" at 30 min
 Max Reading: 1.3"

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

2nd Open
 Minutes: 30
 Current Reading:
 .1" at 30 min
 Max Reading: .1"

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

Inside Recorder





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

SEC: 2 TWN: 14S RNG: 32W
 County: LOGAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2855 EGL
 Field Name: Maurice NE
 Pool: Infield
 Job Number: 205

Operation:
 Uploading recovery & pressures

DATE
 September
07
 2018

DST #6 **Formation: Johnson / Morrow** **Test Interval: 4448 - 4564'** **Total Depth: 4564'**
 Time On: 20:18 09/07 Time Off: 03:11 09/08
 Time On Bottom: 23:11 09/07 Time Off Bottom: 01:11 09/08

Recovered

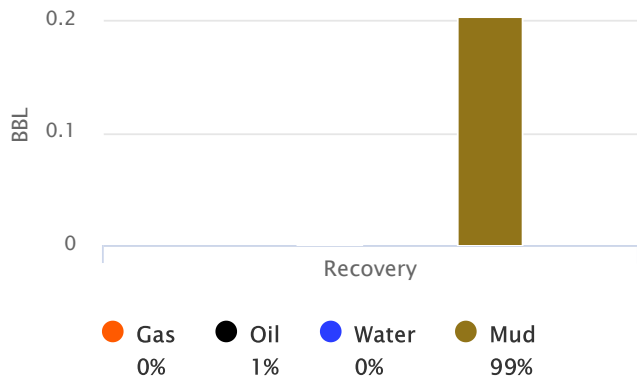
<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
20	0.2052	SLOCM	0	1	0	99

Total Recovered: 20 ft
 Total Barrels Recovered: 0.2052

Reversed Out
NO

Initial Hydrostatic Pressure	2166	PSI
Initial Flow	13 to 19	PSI
Initial Closed in Pressure	748	PSI
Final Flow Pressure	20 to 22	PSI
Final Closed in Pressure	588	PSI
Final Hydrostatic Pressure	2114	PSI
Temperature	117	°F
Pressure Change Initial Close / Final Close	21.4	%

Recovery at a glance





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

SEC: 2 TWN: 14S RNG: 32W
 County: LOGAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc -
 Rig 1
 Elevation: 2855 EGL
 Field Name: Maurice NE
 Pool: Infield
 Job Number: 205

Operation:
 Uploading recovery &
 pressures

DATE
 September
07
 2018

DST #6 Formation: Johnson / Morrow Test Interval: 4448 - 4564' Total Depth: 4564'
 Time On: 20:18 09/07 Time Off: 03:11 09/08
 Time On Bottom: 23:11 09/07 Time Off Bottom: 01:11 09/08

Down Hole Makeup

Heads Up: 17.48 FT	Packer 1: 4443 FT
Drill Pipe: 4432.91 FT <i>ID-3 1/4</i>	Packer 2: 4448 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4432.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 4548 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: 116	Surface Choke: 1"
<u>Anchor Makeup</u>	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): 94.5 FT <i>ID-3 1/4</i>	
Change Over: .5 FT	
Perforations: (below): 17 FT <i>4 1/2-FH</i>	



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

SEC: 2 TWN: 14S RNG: 32W
County: LOGAN
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 2855 EGL
Field Name: Maurice NE
Pool: Infield
Job Number: 205

Operation:

Uploading recovery &
pressures

DATE

September

07

2018

DST #6 **Formation: Johnson / Morrow** **Test Interval: 4448 - 4564'** **Total Depth: 4564'**
Time On: 20:18 09/07 Time Off: 03:11 09/08
Time On Bottom: 23:11 09/07 Time Off Bottom: 01:11 09/08

Mud Properties

Mud Type: Chemical **Weight:** 9.0 **Viscosity:** 53 **Filtrate:** 8.0 **Chlorides:** 3300 ppm

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.
 LEASE 1-2 ILENE
 FIELD Maurice NORTHEAST
 LOCATION 1291 FSL & 1070 FEL
 SEC 2 TWP 14s RGE 32w
 COUNTY LOGAN STATE KANSAS
 CONTRACTOR L. D. DRILLING, INC.
 SPUD 8-28-18 COMP 9-9-18
 RTD 4681 LTD 4681
 MUD UP 3410 TYPE MUD CHEMICAL

ELEVATIONS
 KB 2860
 DF _____
 GL 2855
 Measurements Are All From 2860 KB

CASING
 SURFACE 8 5/8" @ 258'
 PRODUCTION _____
 ELECTRICAL SURVEYS
 DUAL IND., DENS-N., MICRO

SAMPLES SAVED FROM 3500 TO 4681
 DRILLING TIME KEPT FROM 3400 TO 4681
 SAMPLES EXAMINED FROM 3500 TO 4681
 GEOLOGICAL SUPERVISION FROM 3700 TO 4681
 GEOLOGIST ON WELL Kim B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	2338 + 522	2340 + 520
B/ANH.	2359 + 501	2362 + 498
STOTLER	3491 - 631	3492 - 632
HEEBNER	3848 - 988	3847 - 987
LANSING	3888 - 1028	3888 - 1028
STARV	4136 - 1276	4138 - 1278
MARMATON	4250 - 1390	4250 - 1390
FORT SCOT	4401 - 1541	4401 - 1541
CHEROKEE	4428 - 1568	4430 - 1570
MISSISSIPPI	4559 - 1699	4561 - 1701
MISS. SPERGEN	4660 - 1800	4664 - 1804

+				
		2		

REMARKS
 8-28-18 SRUD
 8-29 @ 261'
 8-30 @ 1500'
 8-31 @ 2595'
 9-1 @ 3285'
 9-2 @ 3785'
 9-3 @ 3932'
 9-4 @ 4072'
 9-5 @ 4158'
 9-6 @ 4285'
 9-7 @ 4450'
 9-8 @ 4575'
 9-9 @ 4681'

API: 15-109-21563

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Curb sh
- Limestone
- Coll. Lime
- Chert
- Dolomite

DRILLING TIME IN MINUTES
 PER FOOT
 Rate of Penetration Increases

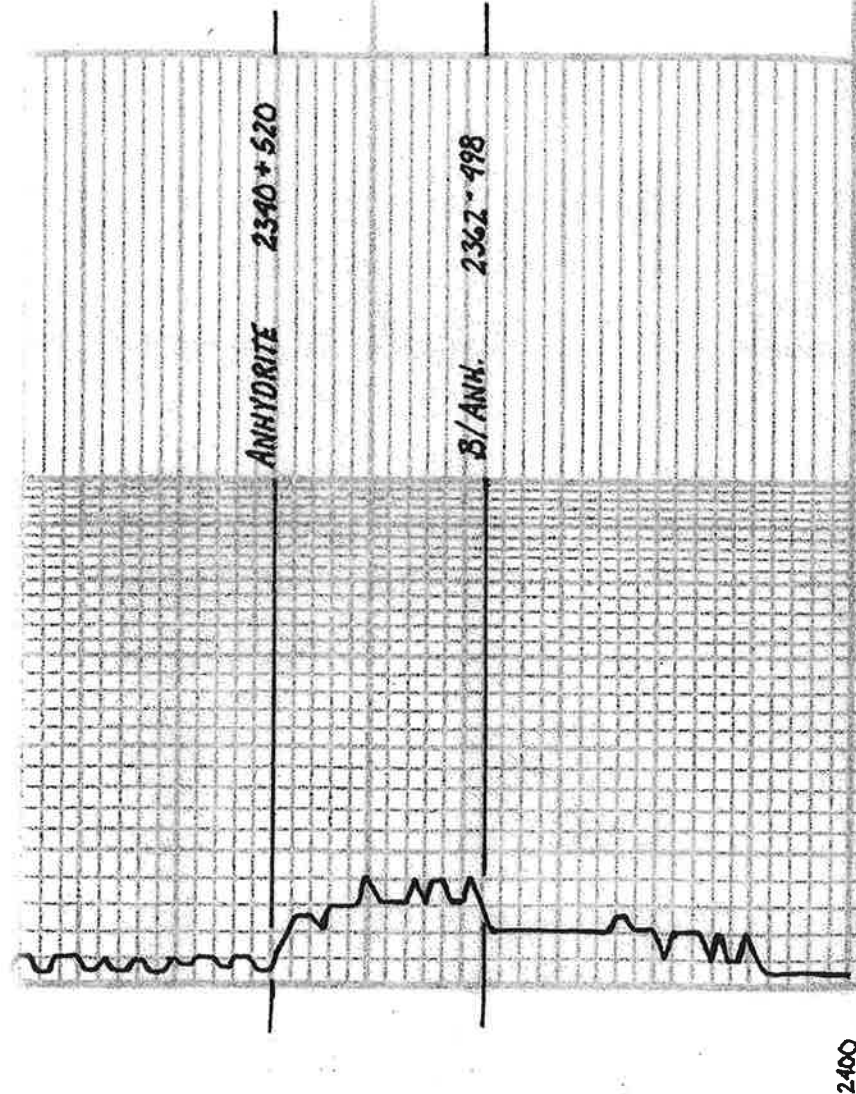


DEPTH
 2300

LITHOLOGY

SAMPLE DESCRIPTIONS

REMARKS



2400

2400

3400

3500

VIS: 69
WT: 816
WT: 618
CAL: 2000

Samples are Lagged

SH. LG. Silty
STOTLER 3492-632

LS. To SL. Foss.

3600

LS. Toq. Foss. Dolomite

SH. G.

LS. To VSI. Foss.

SH. G.

LS. To SL. Foss.

SH. LG. G.

LS. w/ L. Foss. and cherty

LS. w/ SL. Foss. cherty

SH. Rd.

LS. To w/ VSI. A

SH. G. DK G.

SH. Rd.

LS. SL. G. SL. Foss.

LS. w/ SL. Foss. Foss.

LS. w/ VSI. Foss. SL. Ch. G.

LS. wt. 5.0g

LS. wt. Foss. Sil. A

LS. wt. Sil. Foss. Chilly

Sh. Bluey

Sol. G. G. V. F. W. Sil. Rd.

LS. wt. Foss. Sil. A

Sh. Bluey

LS. R. V. Sil. Foss.

LS. wt. Foss. Calcitic Sil. A

Δ W. G.

LS. wt. Foss.

LS. wt. Foss. Sil. A

LS

HEEBNER 3847-987

Sh. Bluey

Sh. Bluey

LS. wt. V. Sil. Foss. (Sil. Calcitic)

Sh. Rd.

LANSING 3888-1028

LS. wt. Sil. A

LS. wt. V. Sil. Foss. Sil. A

Sh. Bluey

LS. wt. Sil. Foss. Sil. A

LS. wt. Sil. Foss. Sil. A

LS. wt. Sil. Foss. Sil. A

LS. wt. V. Sil. Foss. Sil. A

Sh. Bluey

LS. wt. Foss. Sil. A

Sh. Bluey

LS. wt. Sil. Foss. Sil. A

VIS: 54
Wt: 9.8
Wt: 6.4
CAL: 2000

TORONTO

DST (1)

VIS: 56
Wt: 9.2
Wt: 9.6
CAL: 3700

DST (2)

DST (1) 3912-3932

150cm: Blow count to 4 1/2'

200cm: " " " 5 1/4'

30-95-95-60

Rec. 100 MW (30/14.70/14)

Temp. 17.0°

Temp. 17.0°

Temp. 17.0°

Temp. 17.0°

Temp. 17.0°

Temp. 17.0°

Temp. 17.0°

Temp. 17.0°

Temp. 17.0°

DST (2) 3962-3982

150cm: Surface Blow

200cm: No Blow

30-30-30-30

Rec. 1' Mid

Temp. 17.0°

Temp. 17.0°

Temp. 17.0°

Temp. 17.0°

3700

3800

3900

25. To out. Sil. A. Dm.
 25. F. wt. chalk.
 25. G. Dil.
 25. G. 2 Gy.

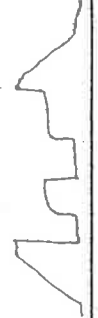
MUNCIE CREEK 4053-4193

25. Bl. VSI. Foss. Sil. A. P. 100 ft.
 Sp. 1/4" R. S. V. S. P. S. Dull Flour.
 Sh. 1/4" F. Col. odor

VIS: 60
 WT: 89
 VCL: 8.0
 CHL: 3000

DST (3) 4052-4126
 15' OPEN: Bottom Bucket 22 min. 48: None
 20' OPEN: " " 20 " 28 "

30. 45-45-60
 Rec. 65' Head (100% M)
 63' MW (50% M 50% W)
 126' SHW (25% M 75% W)
 126' VSMW (10% M 90% W)
 TR: 380
 FP: 1594 96-186 F
 SIP: 1107-1083 F
 Temp 119 F



4100

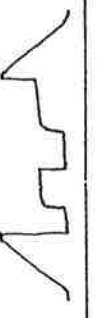
DST (4)

25. Wt. Foss. Sil. Foss. Sil. Chalk P. 100 ft.
 25. Bl. VSI. Foss. Sil. Foss. Sil. Chalk P. 100 ft.
 Sh. 1/4" F. Col. odor

VIS: 53
 WT: 92
 VCL: 9.6
 CHL: 3000

DST (4) 4108-4158
 15' OPEN: Blow ball to 11-1/2" 88: None
 20' OPEN: " " Bottom Bucket 38 min. 88: "

30. 95-45-60
 Rec. 108' WM (60% M 40% W)
 63' MW (40% M 60% W)
 126' SHW (10% M 90% W)
 TR: 297
 FP: 1470 72-117 F
 SIP: 888-874 F
 Temp ... F
 CHL: 4000



STARK 4138-4218

25. To out. VSI. chalk.
 25. To out. VSI. Foss. Sil. Foss. Sil. Chalk P. 100 ft.
 25. To out. VSI. Foss. Sil. Foss. Sil. Chalk P. 100 ft.
 Sh. 1/4" F. Col. odor

VIS: 53
 WT: 92
 VCL: 9.6
 CHL: 3000

HUSHPUCKNEY 4180-4320

25. 11 Gy. VSI. Foss.
 25. 11 Gy. VSI. Foss. U. chalk.
 25. 11 Gy. VSI. Foss.
 25. 11 Gy. VSI. Foss. U. chalk.
 25. 11 Gy. VSI. Foss. U. chalk.

4200

B/KC 4210-4350

25. 11 Gy. VSI. Foss. U. chalk.
 25. 11 Gy. VSI. Foss. U. chalk.
 25. 11 Gy. VSI. Foss. U. chalk.
 25. 11 Gy. VSI. Foss. U. chalk.
 25. 11 Gy. VSI. Foss. U. chalk.

4300

VIS: 58
 WT: 91
 VCL: 7.2
 CHL: 3000

25. Bl. VSI. Foss. VSI. A.

25. Bl. VSI. Foss. VSI. A.

25. Bl. VSI. Foss. VSI. A.

25. Bl. VSI. Foss. VSI. A.

25. Bl. VSI. Foss. VSI. A.

25. Bl. VSI. Foss. VSI. A.

25. Bl. VSI. Foss. VSI. A.

25. Bl. VSI. Foss. VSI. A.

PAWNEE 4348-1488

DST (S) 4340-4450

Spec: Blow Drill to 1'4"

Zones: No Blow

30-30-30-30

Rec. 20' Mud

FP: 13-16 16.12 #

SIP: 533-231 # Temp. 119 #

Tools Sample: 100' Mud w/ Spectro Oil

Sh. Blue Carb. SS. Blue G. Sil. Foss. No Blow

MYRICK STATION 4385-1525

Sh. Blue Carb. Sil. Foss. No Blow

FORT SCOTT 4401-1541

SS. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

CHEROKEE 4430-1570

Sh. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

JOHNSON 4472-1612

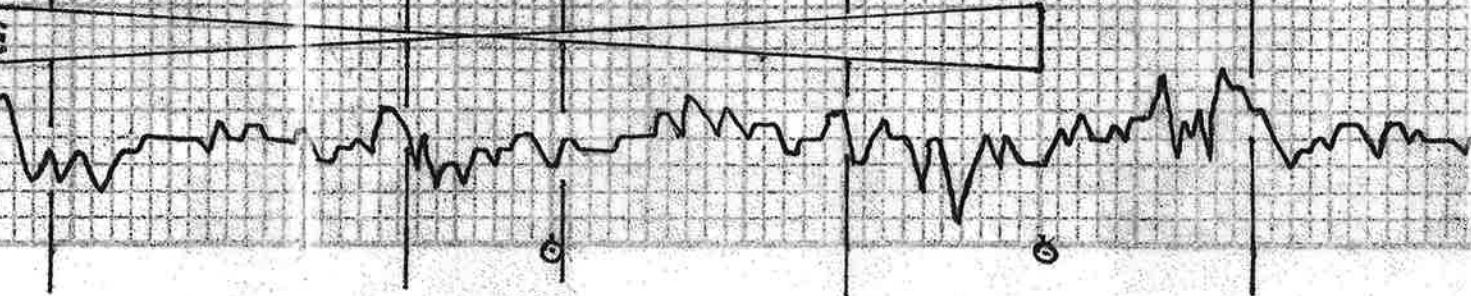
SS. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

VIS: 53
WT: 90
WL: 8.0
CAL: 3300

DST (S) (67)

4400



Sh. Blue G. Yellow

SS. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

Sh. Blue Carb. Sil. Foss. No Blow

MISSISSIPPI 4561-1701

SS. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

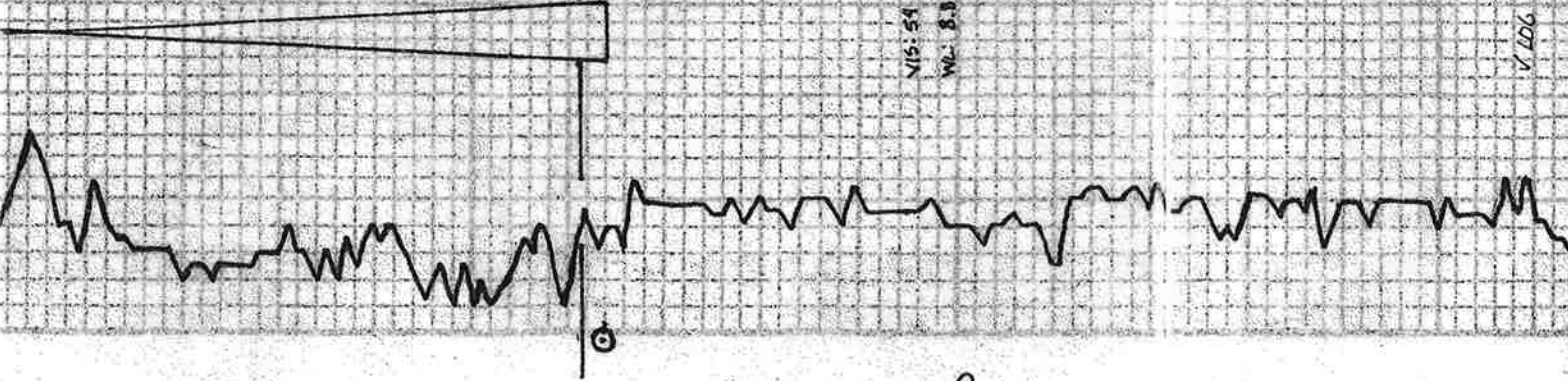
SS. Blue Carb. Sil. Foss. No Blow

SS. Blue Carb. Sil. Foss. No Blow

V 106

VIS: 54
WT: 83
WL: 8.3
CAL: 4000

4600



2nd OPEN: Surface Blow 30-30-30-30

Rec. 20' V50CM (Lil. oil. 99% M)

FP: 13-19 20-22 #

SIP: 748-588 # Temp. 117 #

Tools Sample: 2' Oil 98% M



MISS. SPERGEN 4664-1804

Sh. Blue Carb. Sil. Foss. No Blow

LS. not ch. and w/ to show.

LS. w/ to and ch. 1/2.

LS. w/ and sl. ch. 1/2.

LS. to B. sl. A

MISS. SPERGEN 4664-1804

Dol. sl. B. V. F. ch. 5/8.

Dol. 7. 61 B. V. F. ch. 5/8. sl. Foss. 'Uggy'

A. 4.

V. 1006

RTD 4087-1821





BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

TTmt
52

FIELD SERVICE TICKET
1718 17332 A

DATE _____ TICKET NO. _____

DATE OF JOB 9-9-18 DISTRICT Pratt		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER LD Drilling inc		LEASE Home		WELL NO. 1-2				
ADDRESS		COUNTY Logan		STATE Ks				
CITY STATE		SERVICE CREW MATTAI McGraw Hansen						
AUTHORIZED BY		JOB TYPE: 2-42 plug to Abandon						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 9-8 DATE	AM	TIME
86779	4.5					9-9	PM	4:15
21010	.5						PM	5:05
							AM	8:40
							PM	9:30
						MILES FROM STATION TO WELL		100

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 P02	sq	240		2,880 00
CC 102	cellulose	lb	61		225 70
CP 153	Wooden cut plug 8 7/8	ea	1		160 00
B100	p.u. miles	Mi	100		450 00
E101	heavy eq miles	mi	200		1,500 00
E113	Prod + ball del	ms	1035		2,587 50
ce 203	depth charge 2000-3000'	4hr	1		1,800 00
ce 240	blend + mix	sq	240		336 00
S003	Supervisor	ea	1		175 00

SUB TOTAL **10114 20**

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		6169 66

SERVICE REPRESENTATIVE mike mattai	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY <i>[Signature]</i>
---	---

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer LD Drilling inc	Lease No.	Date 9-9-18
Lease Herc	Well # 1-2	
Field Order # PT332	Station Pratt	Casing
		Depth
Type Job 2-42 Plug to Abandon	Formation	County Logan
		State KS
		Legal Description 2-145-32W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid 240 SAs 60/40 PDZ	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad 490 gal	Max		5 Min.	
Volume	Volume	From	To	Pad .25 PPS Sulfonate			10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative RICK	Station Manager WESTERMAN	Treater MATTAY
-------------------------------------	----------------------------------	-----------------------

Service Units	83353	77696	86779	19959	2010				
Driver Names	MATTAY	MCSMAN		HANSON					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:15					On location / Safety meeting
					1st Plug @ 2350
5:05	250		20	5	Pump 20 bbl water
5:11	200		12.7	5	Mix 50 SAs 60/40 PDZ
5:14	100		5	5	Pump 5 bbl water
5:18	50		18	4.5	Pump 18 bbl mud
					2nd Plug @ 1375
6:23	200		10	5	Pump 10 bbl water
6:25	170		25	5	Mix 100 SAs 60/40 PDZ
6:31	80		3	5	Pump 3 bbl water
6:32	90		6	5	Pump 6 bbl mud
					Plug 3 @ 300 FT
7:30	100		5	5	Pump 5 bbl water
7:31	100		12.7	5	Mix 50 SAs 60/40 PDZ
7:34	50		1	5	Pump 1 bbl water
					Plug 4 @ 40' w. Wooden Plug
8:30			3		Mix 10 SAs 60/40 PDZ
					CMT TO SURFACE
8:40			7		Plug RAT hole
					JOB COMPLETE, THANK YOU!
					MIKE MCCRAY
					MIKE + JOSH

Customer: LD Drilling Inc	Lease No.	Date: 8/28/2018
Lease: Plene	Well # 1-2	
Field Order # 17052	Station Pratt 115	Casing 8 5/8
		Depth 241
Type Job 242/8 5/8 Surface	Formation TD-261	County Logan
		State KS
		Legal Description 2-1/4s-32w

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 241	Depth	From	To	Pre Pad		Max		5 Min.
Volume 16.4	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush WATER		Gas Volume		Total Load

Customer Representative **Pick Wilson** Station Manager **Justin Westerman** Treater **Darin Franklin**

Service Units	37900	78982	19843	19960	73768				
Driver Names	Darin	Josh	Josh	D. S2	D. S2				

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
7:45pm					on location / 59 per machine
					225 sk / 60140 P02 3% cc, 1/4 CF
					14.8 pps, 1.21, 1.21, 1.21, 5.18 water
8:45pm	200		3	5	Pump 3 bbs water
	200		48	5	mix 225 sk cement
	200		15	3	P. S. P. 15 bbs water
9:15pm					Shut in
					Cement did Circulate to cellar
					Job complete / Darin & Crew
					Thank you!!