

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](mailto: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
--	---

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
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--





**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
 County: ROOKS  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 1984 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 321

**Operation:**  
 Uploading recovery & pressures

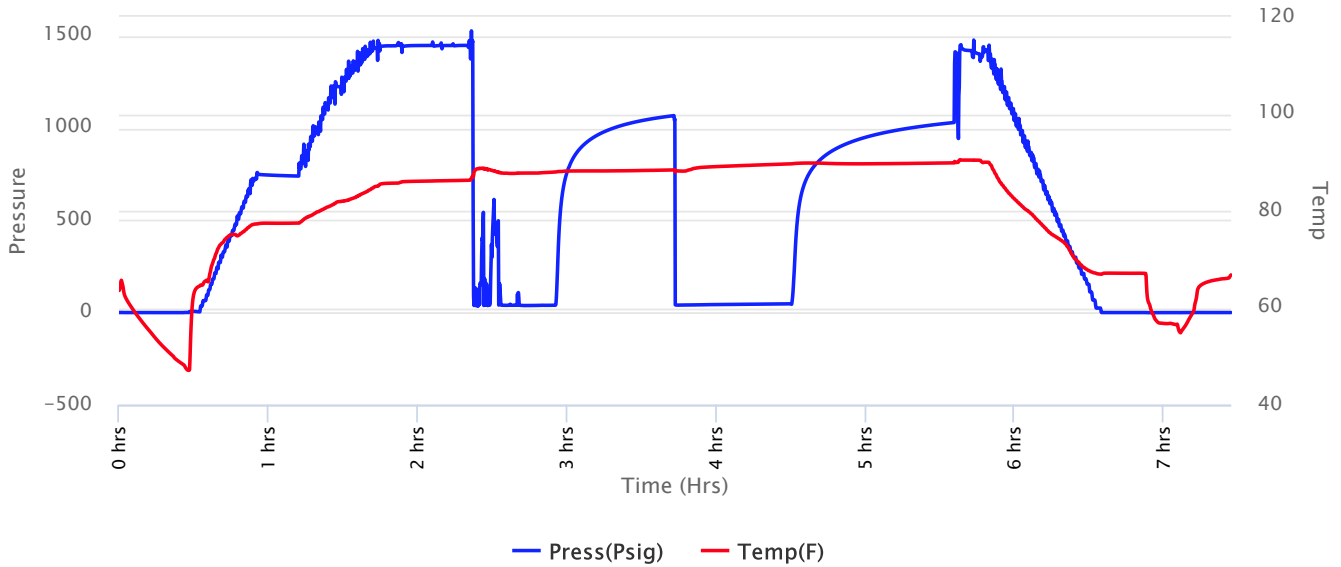
**DATE**  
 April  
**01**  
 2019

**DST #1**      **Formation: Topeka**      **Test Interval: 3068 - 3096'**      **Total Depth: 3096'**  
 Time On: 06:00 04/01      Time Off: 13:14 04/01  
 Time On Bottom: 08:19 04/01      Time Off Bottom: 11:19 04/01

Electronic Volume Estimate:  
 22'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 45	Minutes: 45	Minutes: 60
Current Reading: 1" at 30 min	Current Reading: .1" at 45 min	Current Reading: 1.5" at 45 min	Current Reading: .1" at 60 min
Max Reading: 1"	Max Reading: .1"	Max Reading: 1.5"	Max Reading: .1"

Inside Recorder





**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
 County: ROOKS  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 1984 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 321

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**01**  
 2019

**DST #1**      **Formation: Topeka**      **Test Interval: 3068 - 3096'**      **Total Depth: 3096'**  
 Time On: 06:00 04/01      Time Off: 13:14 04/01  
 Time On Bottom: 08:19 04/01      Time Off Bottom: 11:19 04/01

Recovered

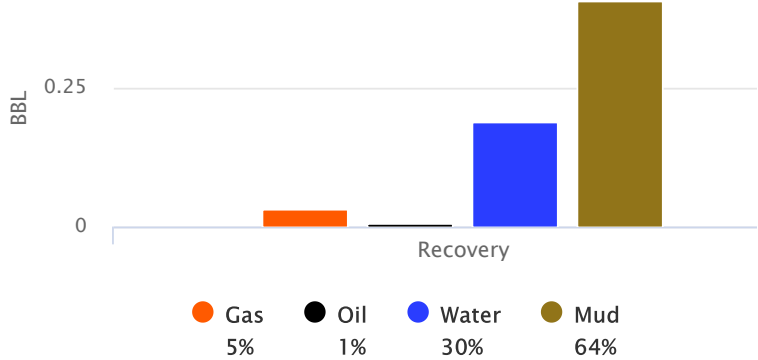
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
62	0.63612	SLOCSLGCHWCM	5	1	30	64

Total Recovered: 62 ft  
 Total Barrels Recovered: 0.63612

**Reversed Out**  
 NO

Initial Hydrostatic Pressure	1440	PSI
Initial Flow	39 to 40	PSI
<b>Initial Closed in Pressure</b>	<b>1070</b>	<b>PSI</b>
Final Flow Pressure	41 to 48	PSI
<b>Final Closed in Pressure</b>	<b>1033</b>	<b>PSI</b>
Final Hydrostatic Pressure	1439	PSI
Temperature	90	°F
Pressure Change Initial Close / Final Close	3.5	%

**Recovery at a glance**



GIP cubic foot volume: 0.17857



**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
County: ROOKS  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 1984 EGL  
Field Name: Wildcat  
Pool: Infield  
Job Number: 321

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**01**  
2019

<b>DST #1</b>	<b>Formation: Topeka</b>	<b>Test Interval: 3068 - 3096'</b>	<b>Total Depth: 3096'</b>
	Time On: 06:00 04/01	Time Off: 13:14 04/01	
	Time On Bottom: 08:19 04/01	Time Off Bottom: 11:19 04/01	

**BUCKET MEASUREMENT:**

1st Open: WSB. Built to 1 inch is 30 mins.  
1st Close: Weak Blow Back  
2nd Open: WSB. Built to 1 1/2 inches in 45 mins  
2nd Close: Weak Blow Back

**REMARKS:**

Hit Bridge 15 off bottom. Opened tool on Bridge and broke through and made it to bottom.

Most of mud recovery was from tool sliding to bottom.

Tool Sample: 0% Gas 2% Oil 5% Water 93% Mud

Ph: 7

Measured RW: .39 @ .52 degrees °F

RW at Formation Temp: 0.029 @ 90 °F

Chlorides: 22800 ppm



**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
 County: ROOKS  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc -  
 Rig 1  
 Elevation: 1984 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 321

**Operation:**  
 Uploading recovery &  
 pressures

**DATE**  
 April  
**01**  
 2019

**DST #1**      **Formation: Topeka**      **Test Interval: 3068 - 3096'**      **Total Depth: 3096'**  
 Time On: 06:00 04/01      Time Off: 13:14 04/01  
 Time On Bottom: 08:19 04/01      Time Off Bottom: 11:19 04/01

**Down Hole Makeup**

<b>Heads Up:</b> 25.75 FT	<b>Packer 1:</b> 3063 FT
<b>Drill Pipe:</b> 3061.18 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 3068 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3052.42 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3070 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 28	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> FT <i>4 1/2-FH</i>	
<b>Change Over:</b> FT	
<b>Drill Pipe: (in anchor):</b> FT <i>ID-3 1/4</i>	
<b>Change Over:</b> FT	
<b>Perforations: (below):</b> 27 FT <i>4 1/2-FH</i>	













**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
County: ROOKS  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 1984 EGL  
Field Name: Wildcat  
Pool: Infield  
Job Number: 321

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**02**  
2019

<b>DST #2</b>	<b>Formation: Tor-Lans B</b>	<b>Test Interval: 3129 - 3220'</b>	<b>Total Depth: 3220'</b>
	Time On: 00:16 04/02	Time Off: 06:55 04/02	
	Time On Bottom: 01:54 04/02	Time Off Bottom: 04:54 04/02	

**BUCKET MEASUREMENT:**

1st Open: 1/4 " Blow. Built to 4 1/2 inches in 30 mins  
1st Close: NOBB  
2nd Open: 1/4" Blow. Built to 5 inches in 30 mins.  
2nd Close: NOBB

**REMARKS:**

Hit 10 foot of fill but was able to make it to bottom.  
Tool Sample: 0% Gas 0% Oil 55% Water 45% Mud  
Ph: 7  
Measured RW: .5 @ 35 degrees °F  
RW at Formation Temp: 0.214 @ 91 °F  
Chlorides: 19000 ppm









**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
 County: ROOKS  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 1984 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 321

**Operation:**  
 Uploading recovery & pressures

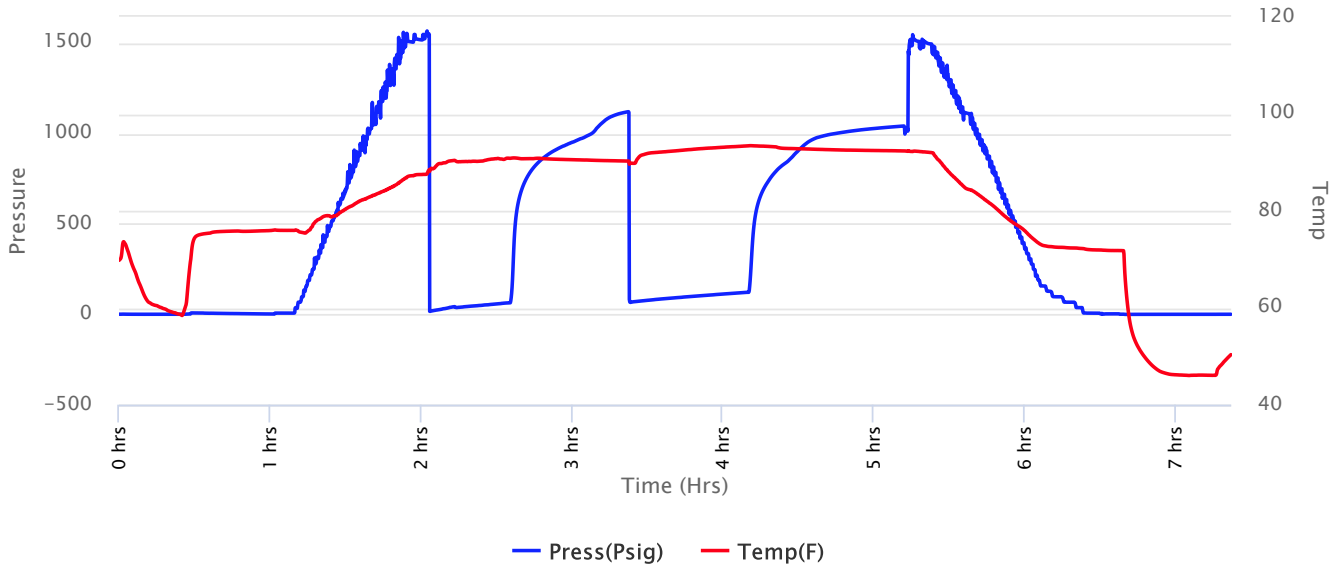
**DATE**  
 April  
**02**  
 2019

**DST #3    Formation: LKC D-G    Test Interval: 3212 - 3280'    Total Depth: 3280'**  
 Time On: 16:17 04/02    Time Off: 23:27 04/02  
 Time On Bottom: 18:17 04/02    Time Off Bottom: 21:17 04/02

Electronic Volume Estimate:  
 211'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 45	Minutes: 45	Minutes: 60
Current Reading: 10.5" at 30 min	Current Reading: 0" at 45 min	Current Reading: 14.3" at 45 min	Current Reading: .1" at 60 min
Max Reading: 10.5"	Max Reading: 0"	Max Reading: 14.3"	Max Reading: .7"

Inside Recorder







**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
 County: ROOKS  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 1984 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 321

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**02**  
 2019

**DST #3**    **Formation: LKC D-G**    **Test Interval: 3212 - 3280'**    **Total Depth: 3280'**  
 Time On: 16:17 04/02    Time Off: 23:27 04/02  
 Time On Bottom: 18:17 04/02    Time Off Bottom: 21:17 04/02

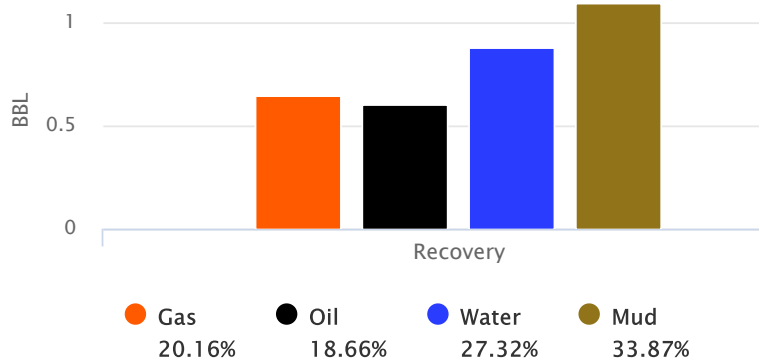
Recovered						
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
63	0.64638	G	100	0	0	0
53	0.54378	O	0	100	0	0
10	0.1026	SLOCSLGCSLWCM	5	1	10	84
189	1.93914	SLOCHWCM	0	3	45	52

Total Recovered: 315 ft  
 Total Barrels Recovered: 3.2319

Reversed Out  
 NO

Initial Hydrostatic Pressure	1505	PSI
Initial Flow	16 to 64	PSI
<b>Initial Closed in Pressure</b>	<b>1121</b>	<b>PSI</b>
Final Flow Pressure	66 to 122	PSI
<b>Final Closed in Pressure</b>	<b>1042</b>	<b>PSI</b>
Final Hydrostatic Pressure	1504	PSI
Temperature	94	°F
Pressure Change Initial Close / Final Close	7.1	%

**Recovery at a glance**



GIP cubic foot volume: 3.6579



**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
County: ROOKS  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 1984 EGL  
Field Name: Wildcat  
Pool: Infield  
Job Number: 321

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**02**  
2019

**DST #3      Formation: LKC D-G      Test Interval: 3212 -      Total Depth: 3280'**  
**3280'**  
Time On: 16:17 04/02      Time Off: 23:27 04/02  
Time On Bottom: 18:17 04/02      Time Off Bottom: 21:17 04/02

**BUCKET MEASUREMENT:**

1st Open: 1" Blow. Built to 10 1/2 inches in 30 mins  
1st Close: NOBB  
2nd Open: 1/4" Blow. BOB in 38 mins  
2nd Close: 3/4" Blow Back

**REMARKS:**

Hit 5 feet of Fill on the way to Bottom.

Tool Sample: 0% Gas 15% Oil 80% Water 5% Mud

Gravity: 37.8 @ 60 °F

Ph: 7

Measured RW: .32 @ 43 degrees °F

RW at Formation Temp: 0.158 @ 94 °F

Chlorides: 38000 ppm





**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
County: ROOKS  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 1984 EGL  
Field Name: Wildcat  
Pool: Infield  
Job Number: 321

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**02**  
2019

**DST #3      Formation: LKC D-G      Test Interval: 3212 -      Total Depth: 3280'**  
**3280'**  
Time On: 16:17 04/02      Time Off: 23:27 04/02  
Time On Bottom: 18:17 04/02      Time Off Bottom: 21:17 04/02

**Mud Properties**

**Mud Type: Chem      Weight: 9      Viscosity: 52      Filtrate: 7.2      Chlorides: 1700 ppm**





**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
 County: ROOKS  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 1984 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 321

**Operation:**  
 Uploading recovery & pressures

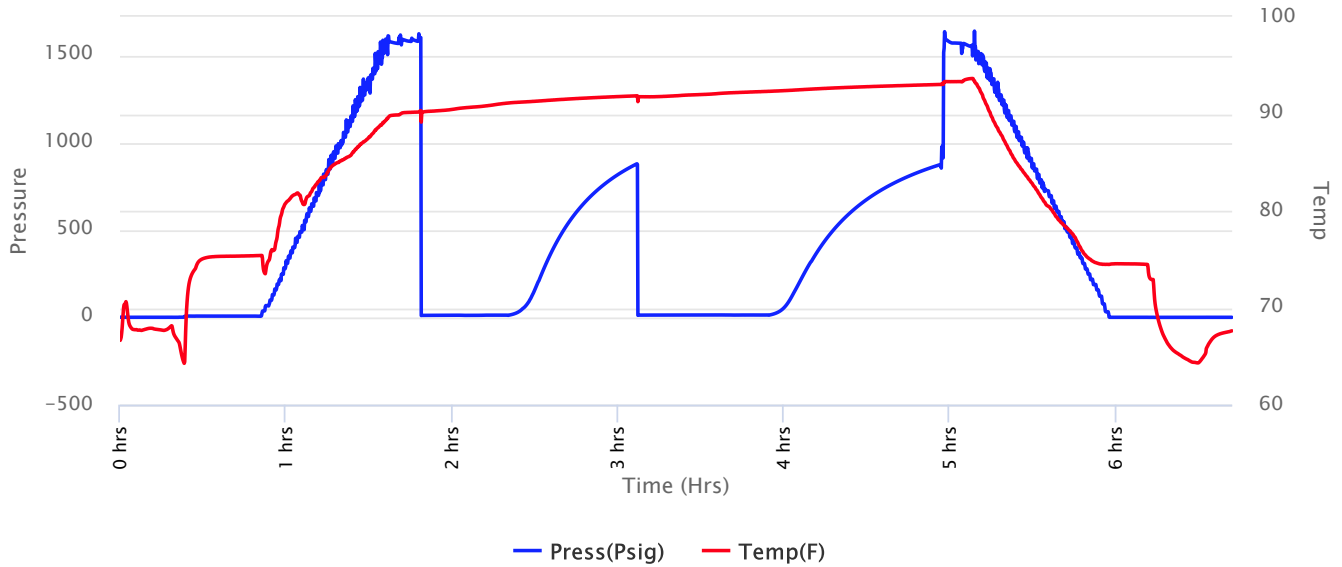
**DATE**  
 April  
**03**  
 2019

**DST #4    Formation: Lans I-J    Test Interval: 3314 - 3360'    Total Depth: 3360'**  
 Time On: 09:08 04/03    Time Off: 15:39 04/03  
 Time On Bottom: 10:54 04/03    Time Off Bottom: 13:54 04/03

Electronic Volume Estimate:  
 3'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 45	Minutes: 45	Minutes: 60
Current Reading: .25" at 30 min	Current Reading: 0" at 45 min	Current Reading: .1" at 45 min	Current Reading: 0" at 60 min
Max Reading: .25"	Max Reading: 0"	Max Reading: .1"	Max Reading: 0"

Inside Recorder





**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
 County: ROOKS  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 1984 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 321

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**03**  
 2019

**DST #4**      **Formation: Lans I-J**      **Test Interval: 3314 - 3360'**      **Total Depth: 3360'**  
 Time On: 09:08 04/03      Time Off: 15:39 04/03  
 Time On Bottom: 10:54 04/03      Time Off Bottom: 13:54 04/03

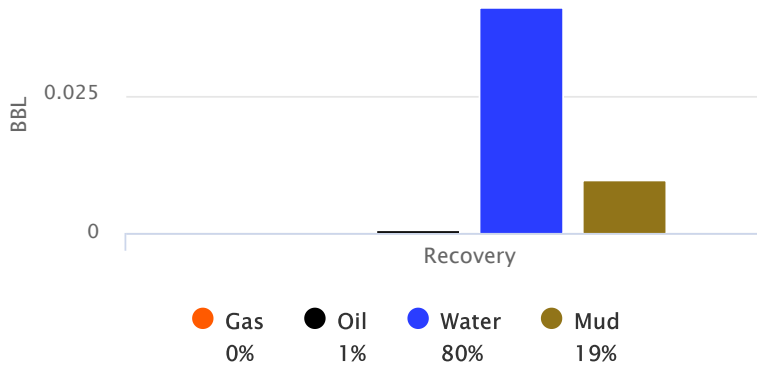
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
4	0.04104	W	0	0	100	0
1	0.01026	SLOCM	0	5	0	95

Total Recovered: 5 ft  
 Total Barrels Recovered: 0.0513

Reversed Out  
 NO

Initial Hydrostatic Pressure	1568	PSI
Initial Flow	11 to 13	PSI
<b>Initial Closed in Pressure</b>	<b>879</b>	<b>PSI</b>
Final Flow Pressure	13 to 14	PSI
<b>Final Closed in Pressure</b>	<b>876</b>	<b>PSI</b>
Final Hydrostatic Pressure	1569	PSI
Temperature	93	°F
Pressure Change Initial Close / Final Close	0.4	%

**Recovery at a glance**



GIP cubic foot volume: 0



**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
County: ROOKS  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 1984 EGL  
Field Name: Wildcat  
Pool: Infield  
Job Number: 321

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**03**  
2019

**DST #4      Formation: Lans I-J      Test Interval: 3314 -      Total Depth: 3360'**  
**3360'**  
Time On: 09:08 04/03      Time Off: 15:39 04/03  
Time On Bottom: 10:54 04/03      Time Off Bottom: 13:54 04/03

**BUCKET MEASUREMENT:**

1st Open: WSB. Built to 1/4 inch in 30 mins  
1st Close: NOBB  
2nd Open: No Blow. Built to WSB in 45 mins  
2nd Close: NOBB

**REMARKS:**

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





**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
 County: ROOKS  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 1984 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 321

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**03**  
 2019

**DST #4      Formation: Lans I-J      Test Interval: 3314 - 3360'      Total Depth: 3360'**  
 Time On: 09:08 04/03      Time Off: 15:39 04/03  
 Time On Bottom: 10:54 04/03      Time Off Bottom: 13:54 04/03

**Down Hole Makeup**

<b>Heads Up:</b> 30.26 FT	<b>Packer 1:</b> 3308.86 FT
<b>Drill Pipe:</b> 3311.55 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 3313.86 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3298.28 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3352 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 46.14	<b>Surface Choke:</b> 1"
<u><b>Anchor Makeup</b></u>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 3 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 1 FT	
<b>Drill Pipe: (in anchor):</b> 31.14 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations: (below):</b> 9 FT <i>4 1/2-FH</i>	



**Company: L. D. Drilling, Inc**  
**Lease: Terry #1-24**

SEC: 24 TWN: 6S RNG: 18W  
County: ROOKS  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 1984 EGL  
Field Name: Wildcat  
Pool: Infield  
Job Number: 321

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**03**  
2019

**DST #4**      **Formation: Lans I-J**      **Test Interval: 3314 - 3360'**      **Total Depth: 3360'**  
Time On: 09:08 04/03      Time Off: 15:39 04/03  
Time On Bottom: 10:54 04/03      Time Off Bottom: 13:54 04/03

**Mud Properties**

**Mud Type:** Chem      **Weight:** 9.1      **Viscosity:** 50      **Filtrate:** 7.6      **Chlorides:** 1600 ppm



# Company: L. D. Drilling, Inc Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W  
County: ROOKS  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 1984 EGL  
Field Name: Wildcat  
Pool: Infield  
Job Number: 321

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**03**  
2019

**DST #4      Formation: Lans I-J      Test Interval: 3314 -      Total Depth: 3360'**  
**3360'**  
Time On: 09:08 04/03      Time Off: 15:39 04/03  
Time On Bottom: 10:54 04/03      Time Off Bottom: 13:54 04/03

## Gas Volume Report

1st Open

2nd Open

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

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

KIM B. SHOEMAKER  
 CONSULTING GEOLOGIST  
 316-584-9709 \* WICHITA, KS

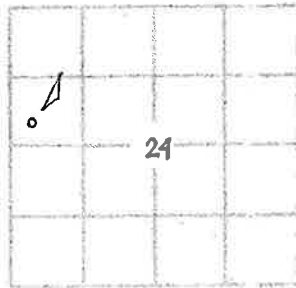
GEOLOGIST'S REPORT  
 DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.  
 LEASE B-1-24 TERRY  
 FIELD WILDCAT  
 LOCATION 2310' FNL ± 360' FWL  
 SEC 24 TWP 6s RGE 18W  
 COUNTY ROOKS STATE KANSAS  
 CONTRACTOR L. D. DRILLING, INC.  
 SPUD 3-28-19 COMP 4-5-19  
 RTD 3610 LTD 3608  
 MUD UP 2878 TYPE MUD CHEMICAL

ELEVATIONS  
 KB 1988  
 DF \_\_\_\_\_  
 GL 1983  
 Measurements are all  
 from 1988 KB  
 CASING  
 SURFACE 8 5/8" @ 257'  
 PRODUCTION 5 1/2" @  
 ELECTRICAL SURVEYS  
 Dual IND, DENS-N, MICRO

SAMPLES SAVED FROM \_\_\_\_\_ 2900 TO 3610  
 DRILLING TIME KEPT FROM \_\_\_\_\_ 2800 TO 3610  
 SAMPLES EXAMINED FROM \_\_\_\_\_ 2900 TO 3610  
 GEOLOGICAL SUPERVISION FROM \_\_\_\_\_ 3000 TO 3610  
 GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	1431 + 557	1435 + 553
B/ANK.	1460 + 528	1461 + 527
TOPEKA	2920 - 932	2921 - 933
NEEBNER	3126 - 1138	3124 - 1136
LANSING	3164 - 1176	3163 - 1175
B/KC	3400 - 1412	3400 - 1412
ARBUCKLE	3508 - 1520	3505 - 1517



REMARKS

3-28-19 SPUD  
 3-29 @ 536'  
 3-30 @ 1855'  
 3-31 @ 2605'  
 4-1 @ 3086'  
 4-2 @ 3220'  
 4-3 @ 3360'  
 4-4 @ 3555'  
 4-5 @ 3610'

API: 15-163-24386

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Coarb sh
- Limestone
- Cellulose
- Giant
- Calumite

DRILLING TIME IN MINUTES  
 PER FOOT

Rate of Penetration increases



DEPTH  
 1400

LITHOLOGY

SAMPLE DESCRIPTIONS

REMARKS

ANHYDRITE 1435 + 553

B/ANK. 1461 + 527

1450

1500

2000

2100

3000

Samples are Lagged

Sh. Lt. G. & Silty

Sh. Lt. G. & G.

TOPEKA 2921-933

ls. wt. VSS. Foss. Silty Clay.

ls. Lt. G. VSS. Foss. Silty

ls. Foss. Silty Foss. Foss. No odor

Sh. Lt. G.

ls. G. Silty Foss.

Sh. Lt. G. & G.

ls. Lt. G. Silty

Sh. Lt. Blue-G.

ls. wt. Foss. Calcitic

Sh. Lt. Blue-G.

ls. G. Silty Foss.

Sh. Lt. G. & R.

ls. R. VSS. Foss.

Sh. Lt. Silty Silty

Sh. Lt. Blue.

ls. wt. Silty Foss. Silty Clay.

ls. wt. Foss. Silty Clay.

Sh. Lt. G. & G.

ls. G. VSS. Foss.

Sh. Lt. Blue-G.

Bridge 15' off bottom. Side to open

DST (1) 3068-3096

1st open: Built to 1"

2nd open: " " 1 1/2"

30-95-45-60

Rec. 62 VSS/GC WM

(516.1' Cal. 301.4' at 1.4)

FP: 3940 41-48\*

SP: 1070-1033\*

Top Sample

2/4/11

5/1/11

9/21/11

PH: 7

DST (1)

7mm 90%



Sh. Rd. Cr.

Sdy Silty sh. Lt. Bl. Lig.

Sh. Rd. Soft

CS. w/ sil. Foss. Sil. Lig.

Sh. Rd.

Sh. Rd. Pink

CS. w/ Yellow Foss. Sil. A

CS. w/ sil. Foss. chly.

Sh. Rd.

CS. w/ Yellow Foss. Sil. A

Sh. Rd. Pink

Sh. Rd.

ARBuckle 3505-1517

CS. w/ sdy. Pink w/ sil. Lig.

Dol. w/ Min. void

Dol. w/ Lig. Matrix

Dol. w/ Matrix

Dol. w/ Pink Fr. Matrix

Dol. w/ Fract. VSE. A

Dol. Pink Lig. Matrix

Dol. Fract. Fract. Sil. Sdy. Mat. Sil. Sub. Red. Sed.

Dol. Fract. Fract. Sil. A w/ Co. Sd. GWS.



3500

3600

VIS: 52 WT: 9.2  
WIL: 7.6 CHL: 19.00

RTD 3610-1622



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

T T M H: 45

FIELD SERVICE TICKET

1718 17866 A

24-65-18w

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 6/6/2015		DISTRICT: PISILLIUS		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		LEASE: Terry		WELL NO. 124						
ADDRESS:		COUNTY: Pooks		STATE: KS						
CITY:		STATE:		SERVICE CREW: Derrin, Brian, Trevon						
AUTHORIZED BY:		JOB TYPE: 242/Poll. Collar								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
27463	2 1/4						6/6			8:00
19918	1/2						6/6			8:15
							6/6			11:30
							6/6			11:45
						MILES FROM STATION TO WELL	160			

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: Mark Davis By DL Scott  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
BC118	A con Blend	SK	1765		
BC100	CLASS A Cement	SK	0		
CC102	Cello/1500	Lb	44		
CC105	CS1000 Chlorine	Lb	495		
CC100	Cement Gel	Lb	0		
CC179	20/40 SSN	Lb	100		
MF101	L SA, Venice mixture	m	100		
ME102	Hecv, F90 primer	m	200		
CC2	Dep. n Charge, 1.000 - 2.000	HR	1		
CF240	Blend as a minimum Service Charge	SK	160		
BF143	Service Supervisor Charge	FS	1		
BF144	Driver Charge	FS	1		

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
Discount	TOTAL	5,832 64

SERVICE REPRESENTATIVE: <u>Don Lamb</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Mark Davis By DL Scott</u>
---	---

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



Customer <i>LD Drilling</i>	Lease No.	Date <i>6/6/2019</i>
Lease <i>Terry</i>	Well # <i>1-21</i>	
Field Order #	Station	Casing
		Depth
Type Job	Formation	County <i>Roors</i>
		State <i>KS</i>
		Legal Description <i>24-65-184</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth	Depth <i>1462</i>	From	To	Pre Pad	Max		5 Min.	
Volume	Volume <i>3</i>	From	To	Pad	Min		10 Min.	
Max Press	Max Press <i>11000</i>	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol. <i>26.7</i>	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush <i>WSIC</i>	Gas Volume		Total Load	

Customer Representative <i>Dana Scott</i>	Station Manager <i>Justin Westerman</i>	Treater <i>Darin Ferguson</i>
---	---	-------------------------------

Service Units	<i>92911</i>	<i>27463</i>	<i>19959</i>	<i>19918</i>					
Driver Names	<i>Dana</i>	<i>Brian</i>	<i>Trevino</i>	<i>Trevino</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>7:45am</i>					<i>on location / safety meeting</i>
					<i>175 SK A con Blend common</i>
					<i>3% calcium chloride, 1/4# Cellopicke</i>
					<i>11.6 ppg, 2.77 v. 10, 16.75 water</i>
<i>8:15am</i>		<i>500</i>	<i>58</i>	<i>4</i>	<i>Loss hole - 2600'</i>
		<i>1,000</i>	<i>14</i>	<i>1/4</i>	<i>Test Plug</i>
		<i>300</i>	<i>8</i>	<i>3</i>	<i>Spot 2 SK 500'</i>
					<i>Pull Tubing up to 1462'</i>
		<i>300</i>	<i>2</i>	<i>1</i>	<i>Loss hole</i>
					<i>Open Port collar</i>
		<i>500</i>	<i>36</i>	<i>3</i>	<i>Circulate hole with mix</i>
		<i>500</i>	<i>80</i>	<i>4 1/2</i>	<i>mix 160 SK A con Blend common</i>
		<i>500</i>	<i>5</i>	<i>4 1/2</i>	<i>Displace WSIC</i>
					<i>Shut down</i>
					<i>Close Port collar</i>
		<i>1,000</i>	<i>14</i>	<i>1/4</i>	<i>Test to 1,000'</i>
					<i>Bleed back Head</i>
	<i>500</i>		<i>20</i>	<i>3</i>	<i>Reverse out</i>
					<i>Run Tubing to 2600'</i>
	<i>500</i>		<i>30</i>	<i>3</i>	<i>Reverse as Circulate cement</i>
					<i>Job Complete / Drain &amp; Crew</i>



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET  
1718 17793 A

Total MH - 52

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 4-5-2019	DISTRICT Pratt, KS. #1718	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 Terry		WELL NO. 1-24						
ADDRESS		COUNTY Rooks		STATE Kansas						
CITY		STATE		SERVICE CREW Carl B. Eddie M. Ron G.						
AUTHORIZED BY		JOB TYPE: 5 1/2 Production Casing 2-42								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
84980-20920	.75					4-4-19				8:00
19959-19918	.25					ARRIVED AT JOB				11:15
						START OPERATION				3:05
						FINISH OPERATION				3:45
						RELEASED				4:30
MILES FROM STATION TO WELL										

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: Mark Davis By DLScott  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA2 Cement	SK	150		2550 -
CP 103	60/40 Poz	SX	30		360 -
CC 102	cello Flake	lb	38		146 60
CC 105	C-41P	lb	71		284 -
CC 111	Salt	lb	814		467 -
CC 113	Gypsum	lb	705		528 75
CC 148	C-17	lb	92		1840 -
CC 201	Gilsonite	lb	901		603 67
CE 1251	Auto fill float shoe	ea	1		360 -
CE 1907	latch down plug + barrel basket	ea	3		400 -
CE 1651	Turbolizers	ea	10		870 -
CE 481	Port collar	ea	1		1100 -
CC 151	mud flush	Gal.	1000		3500 -
E 100	light vehicle mileage	Mi	100		1500 -
E 101	heavy vehicle mileage	Mi	200		450 -
E 113	Bulk delivery charges per ten mile	Tn	84		1500 -
CE 204	Depth Change 3001-4000' (4 hr)	Hr	1		2087 50
CE 240	Blending + mixing charge	SX	180		2160 -
CE 504	plug container utilization charge	Job	1		252 -
5003	service supervisor charge	ea	1		250 -
SUB TOTAL					175 -

CHEMICAL / ACID DATA:	

SERVICE & EQUIPMENT	%TAX ON \$	15088 52
MATERIALS	%TAX ON \$	27,318 52

TOTAL  
12,791 .12

SERVICE REPRESENTATIVE Carl Baldery  
FIELD SERVICE ORDER NO. \_\_\_\_\_

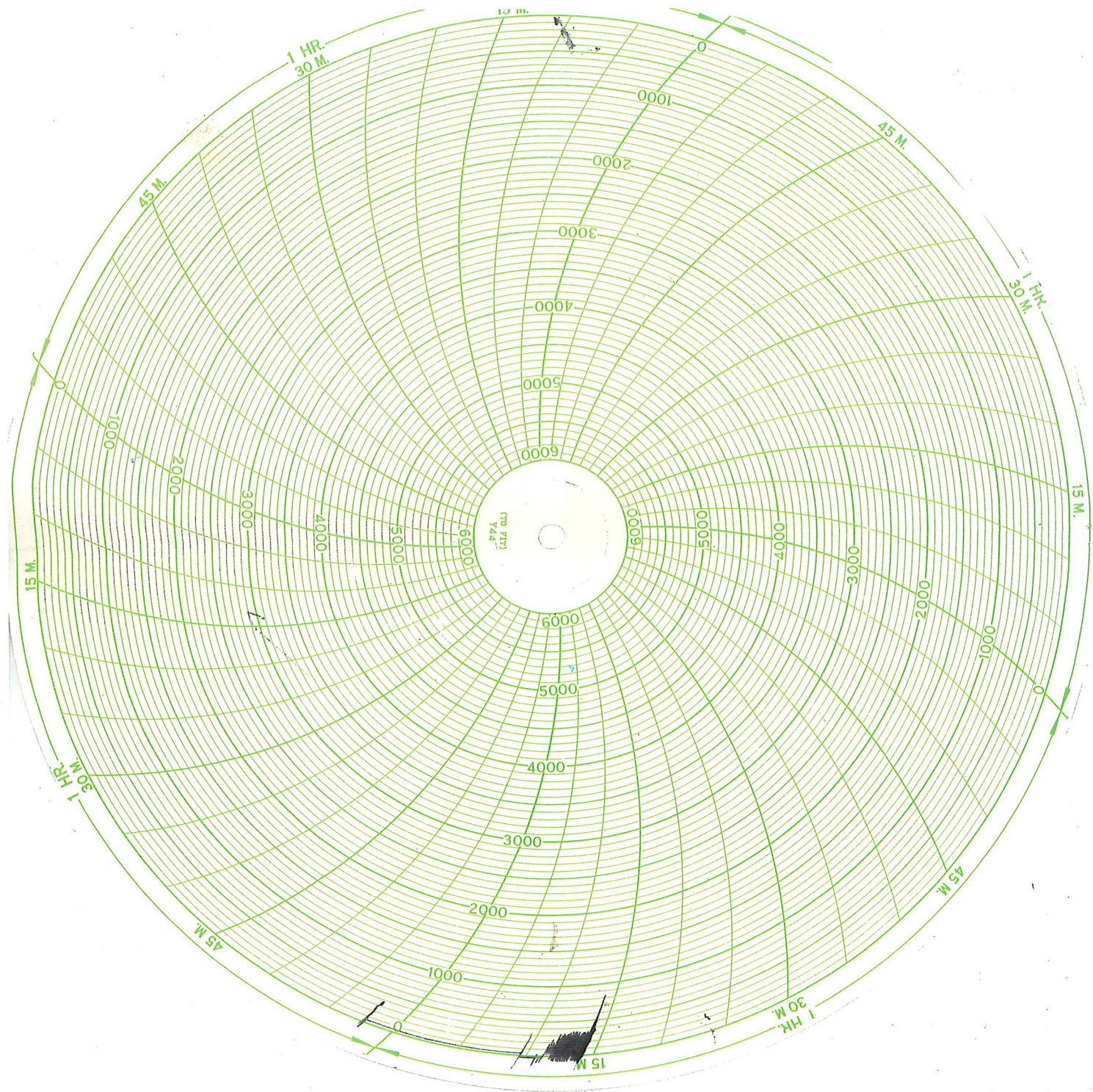
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Mark Davis By DLScott  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <i>LD Drilling Co.</i>	Lease No.	Date <i>4-5-2019</i>	
Lease <i>Terry</i>	Well # <i>1-24</i>		
Field Order #	Station <i>Pratt KS.</i>	Casing <i>5 1/2</i>	Depth
Type Job <i>Production Casing</i>	County <i>Rooks</i>	State <i>KS.</i>	
Formation		Legal Description <i>24-65-18w</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<i>5 1/2</i>				Pre Pad		Max		5 Min.
Depth <i>3564</i>	Depth	From	To	Pad		Min		10 Min.
Volume <i>84.5</i>	Volume	From	To	Frac		Avg		15 Min.
Max Press <i>1100</i>	Max Press	From	To	HHP Used				Annulus Pressure
Well Connection <i>Head inverted</i>	Annulus Vol.	From	To	Flush		Gas Volume		Total Load
Plug Depth	Packer Depth	From	To					

Customer Representative <i>Dave Scott</i>	Station Manager <i>Justin Westerman</i>	Treater <i>Carl Baldwin</i>
Service Units <i>84980 20920 19959 19918</i>		
Driver Names <i>Eddie M Ron G</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					on location + Rig up
					Run 3564' 5 1/2 casing + float equipment Port collar @ 1462.57
<i>2:00 AM</i>					Drop ball for shoe + circulate with Rig for 1 hour
					Rig up to cement
<i>3:05 AM</i>	<i>200</i>		<i>5</i>	<i>4</i>	start 5 Bbls Fresh
	<i>200</i>		<i>24</i>	<i>4</i>	24 Bbls mid flush
	<i>200</i>		<i>5</i>	<i>4</i>	5 Fresh
<i>3:10 AM</i>	<i>250</i>		<i>41</i>	<i>5 1/2</i>	Mix + pump 150 sx AA2 cement
					Cement in wash pump + lines
					Release plug + start Displacement
	<i>300</i>		<i>68</i>	<i>5 1/2</i>	68 Bbls out see hit + pressure
	<i>700</i>		<i>74 1/2</i>	<i>2 1/2</i>	74 1/2 Bbls out slow Rate
<i>3:45 AM</i>	<i>1100</i>		<i>84 1/2</i>	<i>2</i>	84 1/2 Bbls out land plug
					Release pressure + float held
			<i>7.4</i>	<i>3</i>	Plug Rat w/ 30 sx 60-40-Poz



04-05-19  
L.D. Drilling  
Terry 1-24  
Rooks, KS  
Cement Producing Casing



# BASIC

energy services, L.P.

## TREATMENT REPORT

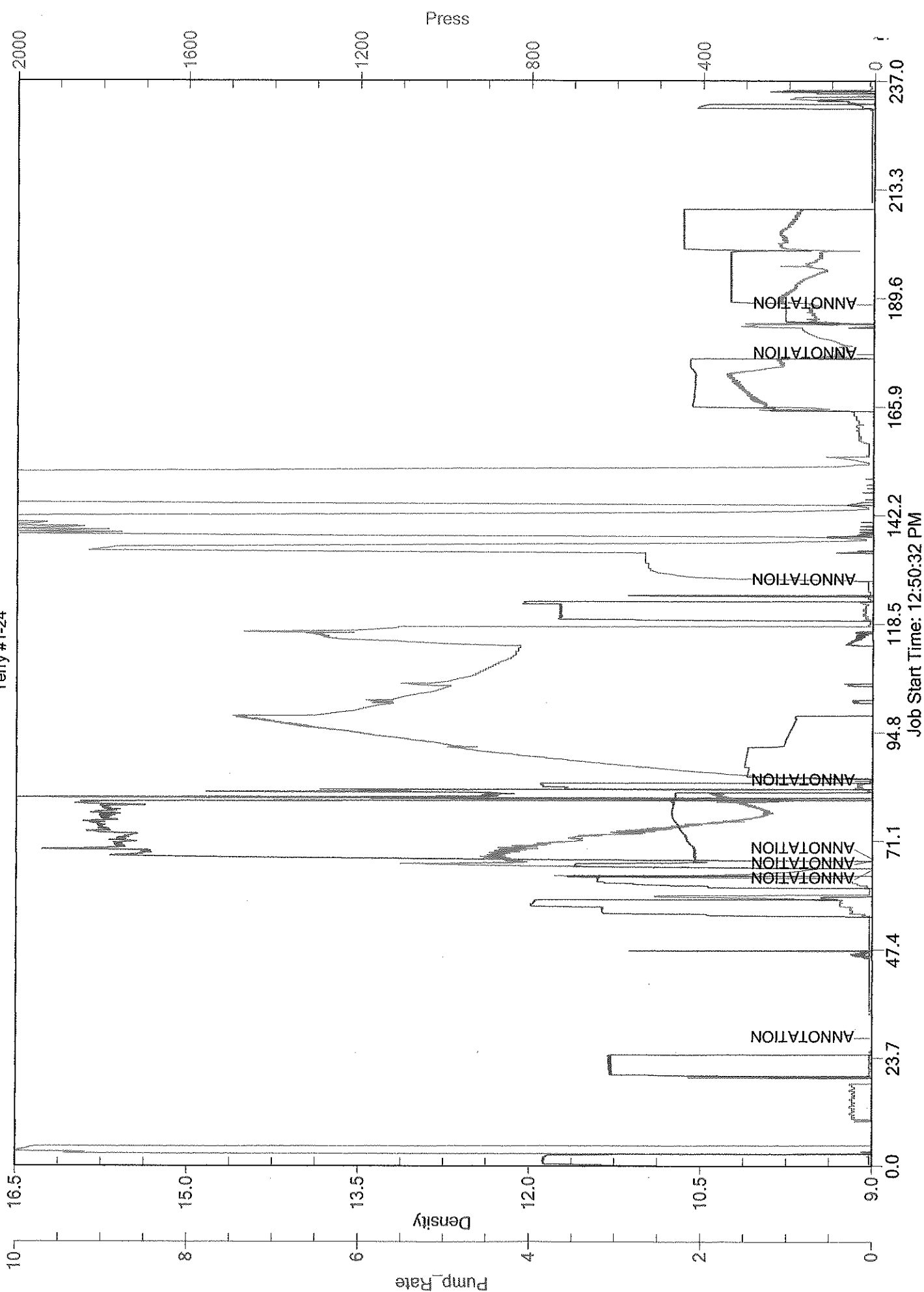
Customer <b>LD Drilling</b>	Lease No.	Date <b>4-23-19</b>
Lease <b>Terry</b>	Well # <b>1-24</b>	
Field Order # <b>17928</b>	Station <b>Pratt</b>	Casing <b>5 1/2</b>
Type Job <b>2-42 Squeeze Perfs</b>	Formation <b>KANSAS CITY F</b>	Depth
	County <b>ROOKS</b>	State <b>KS</b>
	Legal Description	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>5 1/2</b>	Tubing Size <b>2 7/8</b>	Shots/Ft		Acid <b>150 SKS COMMON</b>	RATE	PRESS	ISIP	
Depth	Depth <b>3197</b>	From	To	Pre Pad	Max		5 Min.	
Volume	Volume <b>18.8</b>	From	To	Pad	Min		10 Min.	
Max Press	Max Press <b>2000</b>	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol. <b>57.5</b>	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth <b>3197</b>	From	To	Flush	Gas Volume		Total Load	

Customer Representative <b>77686</b>	Station Manager <b>Westerman</b>	Treater <b>MATTM</b>
Service Units <b>83353</b>	<del>86779</del> <b>86779</b>	<b>19959 19918</b>
Driver Names <b>MATTM</b>	<b>Mcgraw</b>	<b>MARAWER</b>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:00	}				ON LOCATION / Safety meeting
12:50		1980	11		LOAD TRUCK, PRESSURE UP
1:00			16		SPOT SAND @ 3276'
1:44			13		LOAD BACKSIDE
1:48		750		3.5	INJ. RATE @ 3197
1:55			32		MIX 150 SKS COMMON
2:00			4	4	WASH PUMP + LINES
2:03		250		1.5	START displacement
2:09		990		10	SLOW TO 1 BPM
2:26		1300			
	2000			SQUEEZED TO 2000 PSI	
3:33			20		reverse out, wash through cut
3:50	220		40	1.5	WASH SAND OFF PLUG
4:45					Pull up to 800' PUT 200 SAND
					JOB COMPLETE
					THANK YOU!
					MIKE MATTM
					SCOTTY MIKE EDMUNDS

LD  
Terry #1-24



Job Start Time: 12:50:32 PM





Customer <b>LD Drilling Company</b>	Lease No.	Date <b>3/28/2015</b>
Lease <b>Terry</b>	Well # <b>1-24</b>	
Field Order # <b>17728</b>	Station <b>Pratt, KS</b>	Casing <b>8 5/8</b>
		Depth <b>260</b>
Type Job <b>24 21 8 5/8 Surface</b>	Formation <b>TD-260</b>	County <b>ROOKS</b>
		State <b>KS</b>
		Legal Description <b>24-65-18N</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<b>8 5/8</b>								
Depth <b>260</b>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <b>16.5</b>	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 <b>240</b>	Packer Depth	From	To	Flush <b>Water</b>	Gas Volume		Total Load	

Customer Representative <b>Pick Wilson</b>	Station Manager <b>Justin Westerman</b>	Treater <b>Darin Franklin</b>
---	--	----------------------------------

Service Units	<b>92911</b>	<b>78982</b>	<b>19843</b>	<b>70959</b>	<b>21010</b>				
Driver Names	<b>Darin</b>	<b>Bier</b>	<b>Bier</b>	<b>D. S2</b>	<b>D. S2</b>				

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<b>4:30pm</b>					<b>On location / safety meeting</b>
					<b>250 slt 60/40 Poz, 3% Calcium Chloride</b>
					<b>0.25 pps Cellulose - 14.8 pps, 1.21 water, 5.18</b>
<b>7:15pm</b>	<b>200</b>		<b>3</b>	<b>5</b>	<b>Pump 3 bbls water</b>
	<b>200</b>		<b>54</b>	<b>5</b>	<b>mix 250 slt cement</b>
	<b>200</b>		<b>15</b>	<b>3</b>	<b>Displace 15 bbls water</b>
<b>7:45pm</b>					<b>Shut in</b>
					<b>Cement &amp; Circulate - 10 bbls</b>
					<b>Job complete / Darin &amp; crew</b>
					<b>Thank you!</b>