

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	L. D. Drilling, Inc.
Well Name	JETMORE 1-6
Doc ID	1519617

Tops

Name	Top	Datum
ANHYDRITE	1610	+845
HEEBNER	4008	-1553
LANSING	4070	-1615
STARK	4378	-1923
BASE KANSAS CITY	4462	-2007
FORT SCOTT	4642	-2187
CHEROKEE	4666	-2211
B/PENN	4720	-2265
MISSISSIPPI	4748	-2293



Company: L. D. Drilling, Inc
Lease: Jetmore #1-6

SEC: 6 TWN: 24S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2452 EGL
 Field Name: Stallings
 Pool: Infield
 Job Number: 447
 API #: 15-091-24490

Operation:
 Uploading recovery & pressures

DATE
 April
29
 2020

DST #1 **Formation: Conglomerate** **Test Interval: 4705 - 4756'** **Total Depth: 4756'**
 Time On: 12:28 04/29 Time Off: 17:22 04/29
 Time On Bottom: 14:12 04/29 Time Off Bottom: 00:00 01/01

Electronic Volume Estimate:
 0'

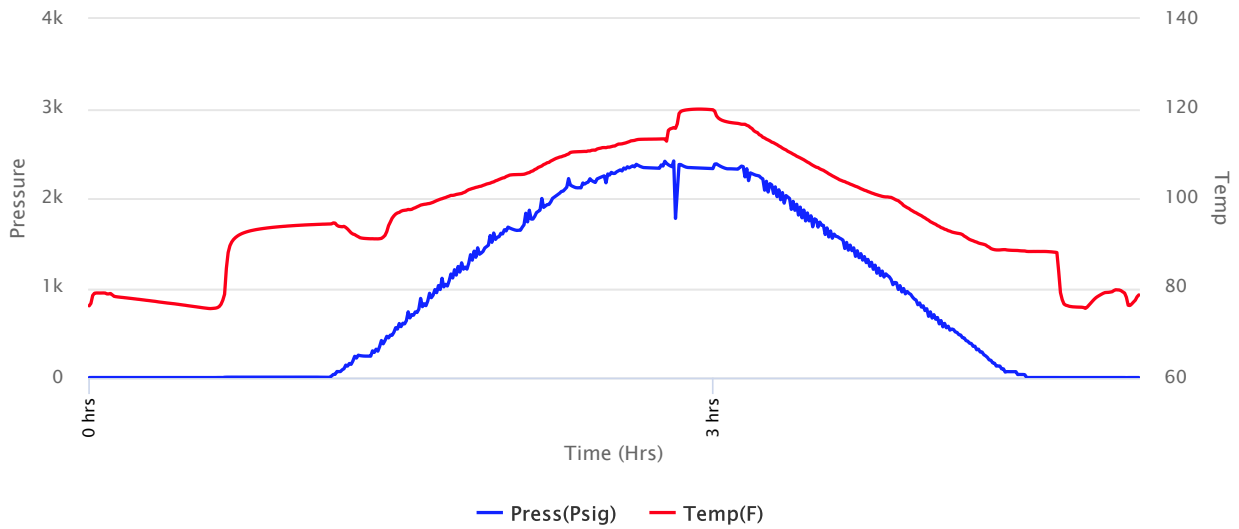
1st Open
 N/A

1st Close
 N/A

2nd Open
 N/A

2nd Close
 N/A

Inside Recorder





Company: L. D. Drilling, Inc
Lease: Jetmore #1-6

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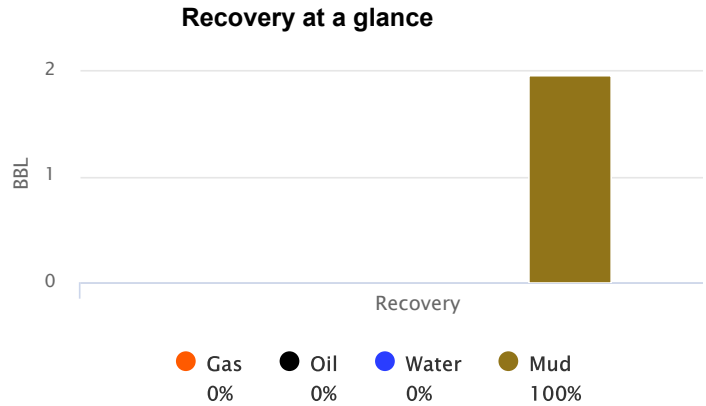
DST #1 **Formation: Conglomerate** **Test Interval: 4705 - 4756'** **Total Depth: 4756'**
 Time On: 12:28 04/29 Time Off: 17:22 04/29
 Time On Bottom: 14:12 04/29 Time Off Bottom: 00:00 01/01

<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>	<u>M</u>				
190	1.9494		0	0	0	100

Total Recovered: 190 ft
 Total Barrels Recovered: 1.9494

Reversed Out
NO

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



GIP cubic foot volume: 0



Company: L. D. Drilling, Inc
Lease: Jetmore #1-6

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Rig 1
Elevation: 2452 EGL
Field Name: Stallings
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Operation:
Uploading recovery &
pressures

DATE
April
29
2020

DST #1 **Formation:**
Conglomerate **Test Interval: 4705 -** **Total Depth: 4756'**
4756'
Time On: 12:28 04/29 Time Off: 17:22 04/29
Time On Bottom: 14:12 04/29 Time Off Bottom: 00:00 01/01

BUCKET MEASUREMENT:

REMARKS:

PACKER FAILURE

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



Company: L. D. Drilling, Inc
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State: Kansas
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Rig 1
Elevation: 2452 EGL

Operation:Uploading recovery &
pressuresField Name: Stallings
Pool: Infield
Job Number: 447
API #: 15-091-24490**DATE**April
29
2020

DST #1	Formation: Conglomerate	Test Interval: 4705 - 4756'	Total Depth: 4756'
	Time On: 12:28 04/29	Time Off: 17:22 04/29	
	Time On Bottom: 14:12 04/29	Time Off Bottom: 00:00 01/01	

Down Hole Makeup

Heads Up: 21.3 FT	Packer 1: 4699.73 FT
Drill Pipe: 4693.46 FT <i>ID-3 1/4</i>	Packer 2: 4704.73 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4689.15 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4744 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: 51.27	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 4 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.27 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 13 FT <i>4 1/2-FH</i>	

**Operation:**
Company: L. D. Drilling, Inc
Lease: Jetmore #1-6

 SEC: 6 TWN: 24S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc -
 Rig 1
 Elevation: 2452 EGL
 Field Name: Stallings
 Pool: Infield

DATEApril
29
2020**DST #1****Formation:**
Conglomerate**Test Interval: 4705 -**
4756'**Total Depth: 4756'**

Time On: 12:28 04/29

Time Off: 17:22 04/29

Time On Bottom: 14:12 04/29

Time Off Bottom: 00:00 01/01

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: L. D. Drilling, Inc
Lease: Jetmore #1-6

SEC: 6 TWN: 24S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2452 EGL
 Field Name: Stallings
 Pool: Infield
 Job Number: 447
 API #: 15-091-24490

Operation:
 Uploading recovery & pressures

DATE
 April
29
 2020

DST #2 **Formation: Ft. Scott/Conglomerate** **Test Interval: 4649 - 4756'** **Total Depth: 4756'**
 Time On: 18:15 04/29 Time Off: 01:23 04/30
 Time On Bottom: 20:02 04/29 Time Off Bottom: 23:02 04/29

Electronic Volume Estimate:
 g'

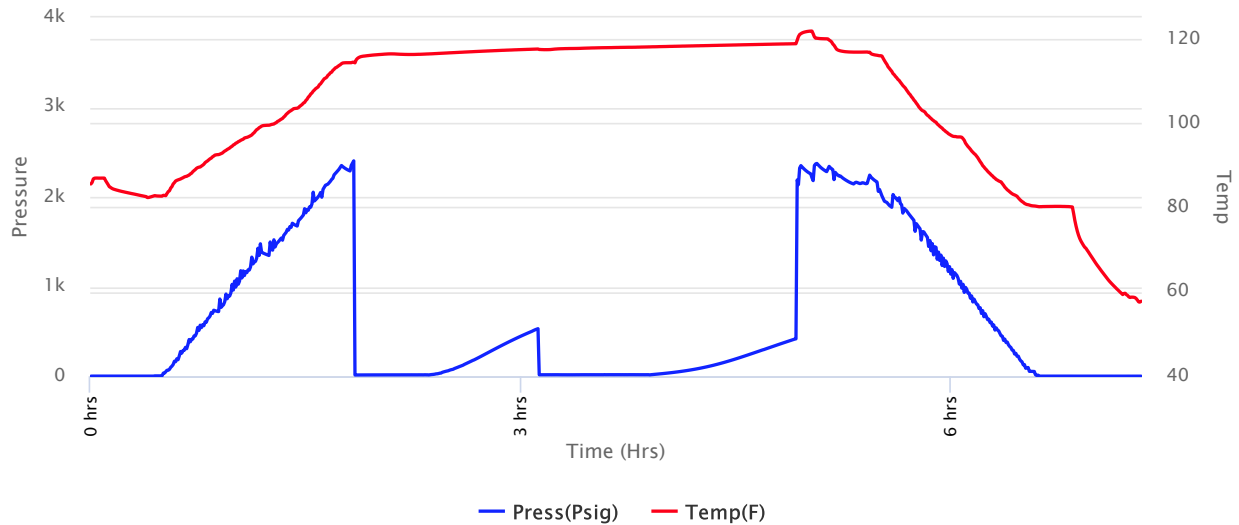
1st Open
 Minutes: 30
 Current Reading: .5" at 30 min
 Max Reading: .7"

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

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

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

Inside Recorder





Company: L. D. Drilling, Inc
Lease: Jetmore #1-6

SEC: 6 TWN: 24S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2452 EGL
 Field Name: Stallings
 Pool: Infield
 Job Number: 447
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Operation:
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DATE
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 Time On Bottom: 20:02 04/29 Time Off Bottom: 23:02 04/29

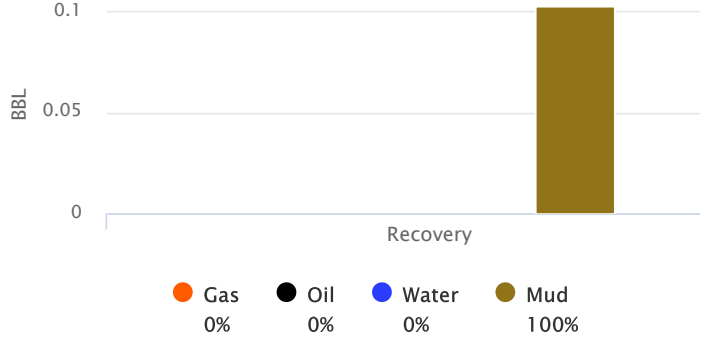
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
10	0.1026	M	0	0	0	100

Total Recovered: 10 ft
 Total Barrels Recovered: 0.1026

Reversed Out
NO

Initial Hydrostatic Pressure	2289	PSI
Initial Flow	14 to 16	PSI
Initial Closed in Pressure	531	PSI
Final Flow Pressure	16 to 17	PSI
Final Closed in Pressure	417	PSI
Final Hydrostatic Pressure	2284	PSI
Temperature	119	°F
Pressure Change Initial Close / Final Close	21.4	%

Recovery at a glance



GIP cubic foot volume: 0



Company: L. D. Drilling, Inc
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 Elevation: 2452 EGL
 Field Name: Stallings
 Pool: Infield
 Job Number: 447
 API #: 15-091-24490

Operation:
 Uploading recovery & pressures

DATE
 April
29
 2020

DST #2	Formation: Ft. Scott/Conglomerate	Test Interval: 4649 - 4756'	Total Depth: 4756'
	Time On: 18:15 04/29	Time Off: 01:23 04/30	
	Time On Bottom: 20:02 04/29	Time Off Bottom: 23:02 04/29	

BUCKET MEASUREMENT:

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

REMARKS:

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



Company: L. D. Drilling, Inc
Lease: Jetmore #1-6

SEC: 6 TWN: 24S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2452 EGL

Operation:Uploading recovery &
pressuresField Name: Stallings
Pool: Infield
Job Number: 447
API #: 15-091-24490**DATE**April
29
2020

DST #2	Formation: Ft. Scott/Conglomerate	Test Interval: 4649 - 4756'	Total Depth: 4756'
	Time On: 18:15 04/29	Time Off: 01:23 04/30	
	Time On Bottom: 20:02 04/29	Time Off Bottom: 23:02 04/29	

Down Hole Makeup

Heads Up: 14.07 FT	Packer 1: 4644.22 FT
Drill Pipe: 4630.72 FT <i>ID-3 1/4</i>	Packer 2: 4649.22 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4633.64 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4750 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: 107.78	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 2 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 94.78 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 8 FT <i>4 1/2-FH</i>	

**Operation:**
Company: L. D. Drilling, Inc
Lease: Jetmore #1-6

 SEC: 6 TWN: 24S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc -
 Rig 1
 Elevation: 2452 EGL
 Field Name: Stallings
 Pool: Infield

Uploading recovery &
pressures

Job Number: 447
API #: 15-091-24490

DATE
April
29
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DST #2 **Formation: Ft. Scott/Conglomerate** **Test Interval: 4649 - 4756'** **Total Depth: 4756'**
Time On: 18:15 04/29 Time Off: 01:23 04/30
Time On Bottom: 20:02 04/29 Time Off Bottom: 23:02 04/29

Mud Properties

Mud Type: Chemical **Weight:** 9.75 **Viscosity:** 59 **Filtrate:** 8.8 **Chlorides:** 6,700 ppm



Operation:

Uploading recovery &
pressures

Company: L. D. Drilling, Inc
Lease: Jetmore #1-6

SEC: 6 TWN: 24S RNG: 23W
County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 2452 EGL
Field Name: Stallings
Pool: Infield
Job Number: 447
API #: 15-091-24490

DATE

April

29

2020

DST #2**Formation: Ft.
Scott/Conglomerate****Test Interval: 4649 -
4756'****Total Depth: 4756'**

Time On: 18:15 04/29

Time Off: 01:23 04/30

Time On Bottom: 20:02 04/29

Time Off Bottom: 23:02 04/29

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-884-9709 * WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.

LEASE * 1-6 JETMORE

FIELD WILDCAT

LOCATION 330' FEL + 330' FNL NE NE NE

SEC 6 TNSP 24 RGE 23 W

COUNTY HODGEMAN STATE KANSAS

CONTRACTOR L. D. DRILLING, INC.

SPUD 4-21-20 COMP 4-30-20

RTD 4850 LTD 4850

MUD UP 3355 TYPE MUD CHEMICAL

ELEVATIONS

KB 2455

DF _____

GL 2450

Measurements Are All From 2455 KB

CASING

SURFACE 8 5/8" @ 240'

PRODUCTION _____

ELECTRICAL SURVEYS

DUAL IND, DEN-N, MICRO

SAMPLES SAVED FROM 3800 TO 4850

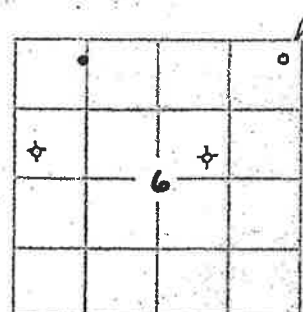
DRILLING TIME KEPT FROM 3800 TO 4850

SAMPLES EXAMINED FROM 3800 TO 4850

GEOLOGICAL SUPERVISION FROM 3900 TO 4850

GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	1610-845	1610-845
KEEBNER	4008-1553	4009-1554
LANSING	4070-1615	4066-1611
STARK	4378-1923	4379-1924
B/KC	4462-2007	4456-2001
FORT SCOTT	4642-2187	4642-2187
CHEROKEE	4666-2211	4666-2211
B/PENN.	4720-2265	4720-2265
MISSISSIPPI	4748-2293	4750-2295



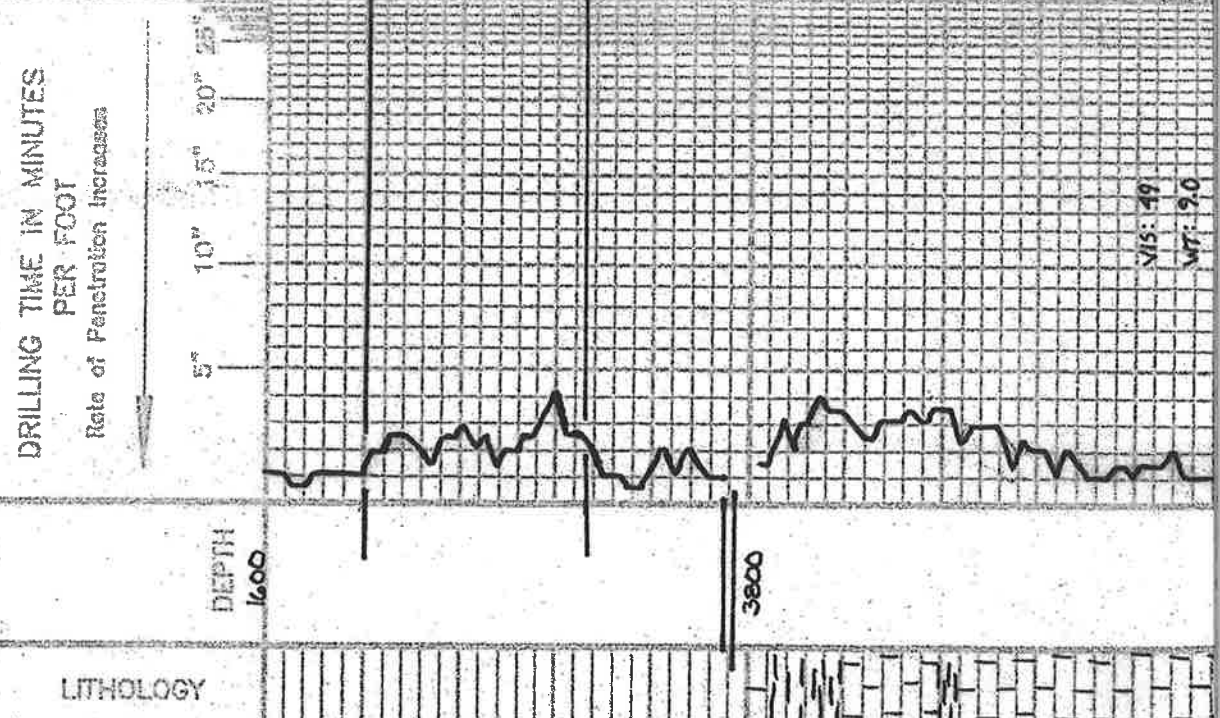
API: 15-083-2197B

REMARKS

4-21-20 SPUD
 4-22 @ 715'
 4-23 @ 1922'
 4-24 @ 2715'
 4-25 @ 3260'
 4-26 @ 3825'
 4-27 @ 4255'
 4-28 @ 4525'
 4-29 @ 4750'
 4-30 @ 4795'

LEGEND

- Anhydrite
- Salt
- Sensitane
- Shale
- Carb sh
- Limestone
- Oil-Lime
- Chert
- Dolomite



REMARKS

SAMPLE DESCRIPTIONS

ANHYDRITE 1610-845
 51 ANH 1633-822
 Samples are Lagged
 5h. 11g. 6
 15. 11g. 1511.4
 15. 11g. 51. 51g. 511. 411g.

VIS: 49
 WT: 9.0

SHOE01-11

VIS: 49
WT: 90
WL: B.O
CHU: 6000

3900

4000

4100

V106

LS wt. Sil. Foss. Sil. Chilly

LS wt. Foss. Colestic

Sh. Blk.

LS. To. Sil. A

Sh. Blk.

LS. wt. Sil. Foss. Col. Colestic

LS. To. Bl. Sil. Foss

LS. wt. To. Foss. Colestic

LS. wt. Foss.

LS. Sil. V. Sil. A

LS. To. Bl. V. Sil. Sil. Foss. Colestic Sil. Chilly

HEBNER
Sh. Blk. Colestic

4009-1651

Sh. Blk. Sil. A

LS. wt. Sil. Foss. Sil. A

Sh. Blk.

Sh. Blk.

Sh. Blk.

LANSING 4066-1611

LS. wt. Col. Sil. A

LS. wt. Sil. Foss

Sh. Blk.

LS. Blk. V. Sil. Foss

Sh. Blk.

LS. wt. Col. Sil. A

LS. wt. Sil. Foss. Sil. Chilly

Sh. Blk. Sil. A

LS. wt. Foss. Sil. Foss. V. Sil. Chilly

LS. wt. Chilly

35. 174g Au.
65. 81g. 1581. Foss.

15. wt. 76 Foss. Si: A
A. 6u.

45. wt. 51. Foss. Globite.

65. 119g. Si: A

65. wt. 1581. Foss. Si: chly.
A. wt. 119g.

65. wt. 1581. Foss. Si: chly.

65. wt. chly.

54. 82k

65. 82. Si: Foss.

54. 141k

A. 119g.

65. wt. 119g. Si: Foss. Si: A

65. 81g. Si: Foss.

65. 76. wt. 1581. A. Si: Calcite.

65. 76. wt. Si: Foss. Si: A

65. 76. wt. 119g. 000. 1581. chly.

65. 76. 119g. 000.

65. wt. chly.

STARK
Si: 82k. 1216. 4379-1924

65. 119g. Foss. 1581. chly.

A. 82k.

65. wt. 1581. Foss. Si: chly.

54. 82k.

54. 119g.

65. 119g. 1581. Foss. Si: A

65. 119g. 1581. A. 1581. Calcite.

BIK 4456-2001

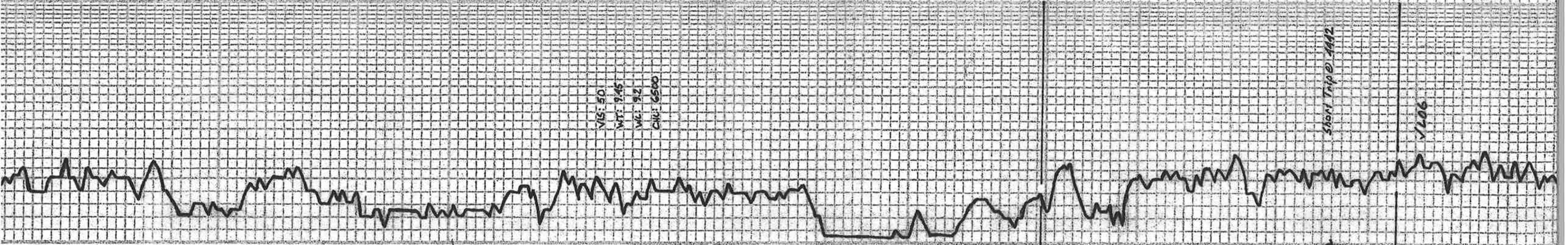
A. 82k. Si: Foss.

65. 65. 82. 1581. Foss.

54. 119g.

65. 82. 1581. Foss.

VIS: 50
WT: 9.45
MG: 92
CHG: 6500



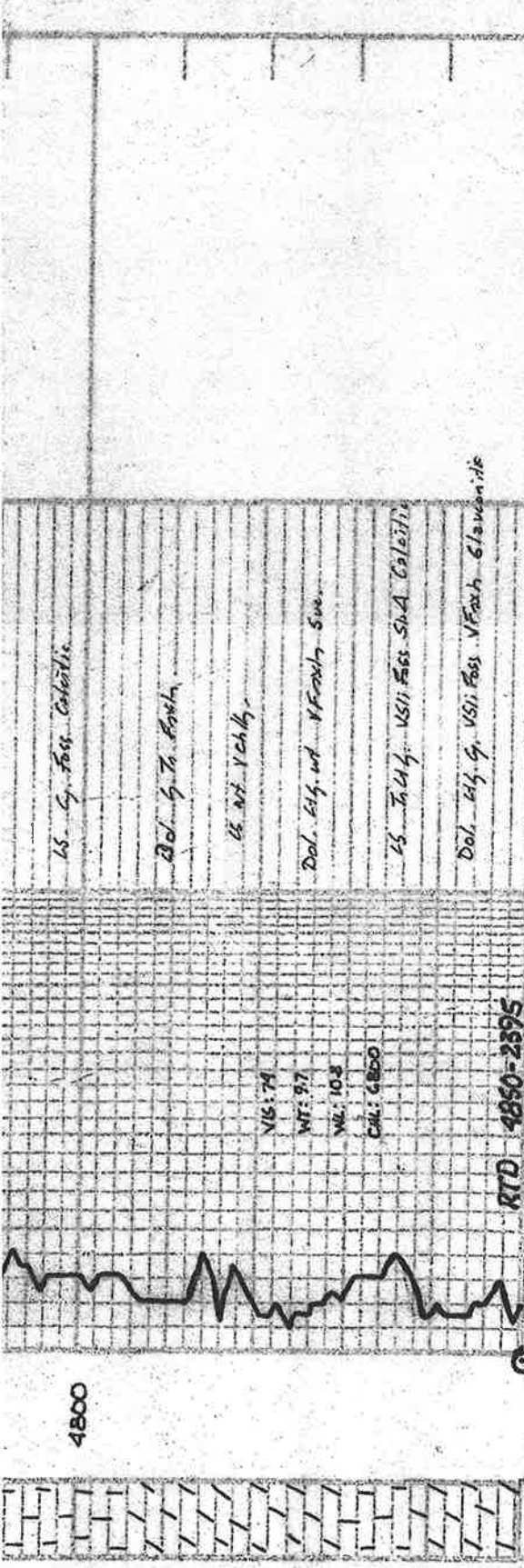
4200

4300

4400

SHORT TRIP @ 4442

1206



DEPTH	DRILLING TIME MINUTES/FOOT	SAMPLE DESCRIPTIONS	REMARKS
4800	5	15 G. Foss. Carbonate	
	10	Dol. 1/2 to 1/4 inch	
	15	15 wt. 1 chg.	
	20	Dol. 1/2 to 1/4 inch	
	25	15 T.M.G. - V.S.I. Foss. S.S.A. Carbonate	
	30	Dol. 1/2 to 1/4 inch	
	35	15 T.M.G. - V.S.I. Foss. V.Foss. Glauconite	

COMPANY L.D. DRILLING, Inc.
 LEASE # 1-6 Jelmore
 LOCATION NE NE NE SEC. 6 TWP. 24s RGE. 23 W
 COUNTY Hodgeman STATE Kansas
 ELEVATION: 2455 KB



HURRICANE SERVICES INC

Customer	LD DRILLING	JETMORE 1-6	Date	5/1/2020
Service District	MEDICINE LODGE KS	County & State	HODGEMAN KS	Legals S/T/R
			6-24S-23W	Job #
Job Type	PLUG TO ABAND	<input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No
Equipment #	Driver	Ticket #		
		ICT3528		

Job Safety Analysis - A Discussion of Hazards & Safety Procedures			
<input type="checkbox"/> Hard hat	<input type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
<input type="checkbox"/> H2S Monitor	<input type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
<input type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations
<input type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input type="checkbox"/> Overhead Hazards	<input type="checkbox"/> Muster Point/Medical Locations
<input type="checkbox"/> Hearing Protection	<input type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	

Comments			

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
CP055	H-Plug	sack	230.00	\$2,242.50
FE290	8 5/8" Wooden Plug	ea	1.00	\$112.50
M015	Light Equipment Mileage	mi	100.00	\$150.00
M010	Heavy Equipment Mileage	mi	100.00	\$300.00
M020	Ton Mileage	tm	990.00	\$1,113.75
C011	Cement Pump Service	ea	1.00	\$825.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Total Taxable	\$ -	Tax Rate:		Net:	\$4,743.75
Based on this job, how likely is it you would recommend HSI to a colleague?		State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.		Sale Tax:	\$ -	Total:	\$ 4,743.75
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		HSI Representative: <i>Mike Mattal</i>					
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely							

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

David J. [Signature]

CUSTOMER AUTHORIZATION SIGNATURE



CEMENT TREATMENT REPORT

Customer: LD DRILLING	Well: JETMORE 1-6	Ticket: ICT3528
City, State: JETMORE KS	County: HODGEMAN KS	Date: 5/1/2020
Field Rep: RICK WILSON	S-T-R: 6-24S-23W	Service: PLUG TO ABAND

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	ft
Casing Size:	in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	bbls

Calculated Slurry - Lead	
Blend:	H-PLUG
Weight:	13.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.43 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	59.0 bbls
Total Sacks:	230 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	#DIV/0! sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
10:35 PM			-	-	ON LOCATION/SAFTEY MEETING
				-	
				-	1ST PLUG AT 1500'
1:40 AM	4.0	300.0	30.0	30.0	PUMP 20 BBL WATER
1:48 AM	3.5	350.0	13.0	43.0	MIX 50 SKS H-PLUG
1:52 AM	3.0	75.0	18.0	61.0	START DISPLACEMENT
				61.0	
				61.0	2ND PLUG AT 810'
2:57 AM	3.0	175.0	10.0	71.0	PUMP 10 BBL WATER
3:00 AM	3.0	176.0	21.0	92.0	MIX 80 SKS H-PLUG
3:08 AM	3.5	150.0	6.0	98.0	START DISPLACEMENT
				98.0	
				98.0	3RD PLUG AT 300'
3:45 AM	2.5	75.0	5.0	103.0	PUMP 5 BBL WATER
3:48 AM	3.5	125.0	13.0	116.0	MIX 50 SKS H-PLUG
3:55 AM	3.5	75.0	2.0	118.0	START DISPLACEMENT
				118.0	
				118.0	4TH PLUG AT 60' 8 5/8 WOODEN PLUG AT 60'
5:00 AM	2.0	25.0	5.0	123.0	MIX 20 SKS H-PLUG
				123.0	CEMENT TO SURFACE
				123.0	
5:15 AM	2.0	25.0	7.0	130.0	PLUG RAT HOLE 85/8 wooden plug/ 30 sks h-plug
				130.0	
				130.0	JOB COMPLETE/THANK YOU!
				130.0	MIKE MATTAL
				130.0	MIKE&EJ
				130.0	

CREW		UNIT	SUMMARY		
Cementer:	MATTAL	912	Average Rate	Average Pressure	Total Fluid
Pump Operator:	MCGRAW	266	3.0 bpm	141 psi	130 bbls
Bulk #1:	EJ MCGRAW	182/256			
Bulk #2:					

