KOLAR Document ID: 1584196

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 #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip: +	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Described	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if flauled offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	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 Approved by: Date:

KOLAR Document ID: 1584196

Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	MALCOLM 3-16
Doc ID	1584196

Tops

Name	Тор	Datum
Anhydrite	1614	+776
Stotler	3371	-981
Heebner	3900	-1510
Lansing	3951	-1561
Base Kansas City	4320	-1930
Pawnee	4412	-2022
Fort Scott	4478	-2088
Cherokee	4502	-2112
Mississippi U	4575	-2185
Mississippi Dol	4586	-2196

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	MALCOLM 3-16
Doc ID	1584196

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	261	60/40 Pozmix	225	3%CC
Production	7.875	5.5	15.5	4738	H-Conn	345	2 Stage



Test Complete

Company: L. D. Drilling, Inc

Lease: Malcolm #3-16

SEC: 16 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield Job Number: 473 API #: 15-083-21982

DATE

April 06 2021

Formation: Fort Scott/Cherokee

Test Interval: 4470 -

Total Depth: 4568'

4568'

Time On: 20:45 04/06

Time Off: 05:47 04/07

Time On Bottom: 00:07 04/07 Time Off Bottom: 03:07 04/07

Electronic Volume Estimate:

6'

1st Open Minutes: 30 **Current Reading:** 0" at 30 min Max Reading: .5"

DST #1

1st Close Minutes: 45 **Current Reading:**

0" at 45 min

Max Reading: 0"

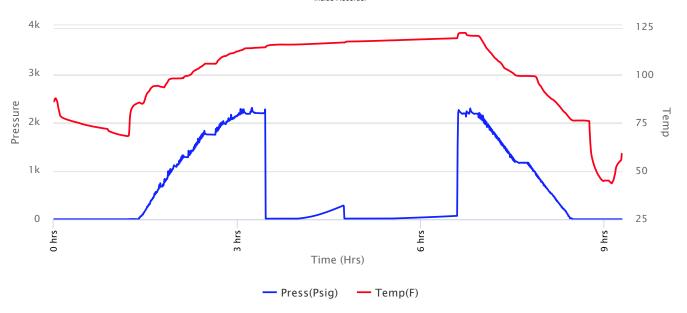
2nd Open Minutes: 45 **Current Reading:** 0" at 45 min Max Reading: 0"

2nd Close Minutes: 60 **Current Reading:**

0" at 60 min

Max Reading: 0"

Inside Recorder





Test Complete

Company: L. D. Drilling, Inc

Lease: Malcolm #3-16

SEC: 16 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield Job Number: 473 API #: 15-083-21982

DATE April 06 2021

DST #1 Formation: Fort Scott/Cherokee Test Interval: 4470 -

Total Depth: 4568'

4568'

Time On: 20:45 04/06

Time Off: 05:47 04/07

Time On Bottom: 00:07 04/07 Time Off Bottom: 03:07 04/07

Recovered

Foot BBLS 15 0.1539 **Description of Fluid** Μ

Gas % <u>Oil %</u> 0 0

Water %

Mud % 100

Total Recovered: 15 ft

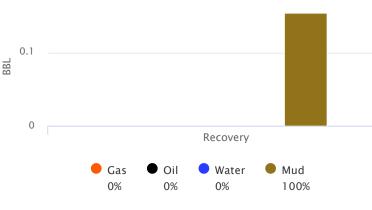
Total Barrels Recovered: 0.1539

Reversed Out NO

Initial Hydrostatic Pressure	2189	PSI
Initial Flow	12 to 14	PSI
Initial Closed in Pressure	284	PSI
Final Flow Pressure	13 to 17	PSI
Final Closed in Pressure	71	PSI
Final Hydrostatic Pressure	2181	PSI
Temperature	120	°F
Pressure Change Initial	75.2	%

Close / Final Close

Recovery at a glance



GIP cubic foot volume: 0



Test Complete

Company: L. D. Drilling, Inc

Lease: Malcolm #3-16

DST #1

SEC: 16 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield

Job Number: 473 API #: 15-083-21982

DATE

April 06 2021

Formation: Fort Scott/Cherokee Test Interval: 4470 -

Total Depth: 4568'

4568'

Time On: 20:45 04/06 Time Off: 05:47 04/07

Time On Bottom: 00:07 04/07 Time Off Bottom: 03:07 04/07

BUCKET MEASUREMENT:

1st Open: 1/4 in. blow throughout period.

1st Close: No blow back.

2nd Open: Surface blow lasting 23 mins.

2nd Close: No blow back.

REMARKS:

Tool Sample: 0% Gas 2% Oil 0% Water 98% Mud



SEC: 16 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield Job Number: 473 API #: 15-083-21982

Operation: **Test Complete**

DATE

April

06

2021

DST #1

Formation: Fort Scott/Cherokee Test Interval: 4470 -

Total Depth: 4568'

4568'

Time On: 20:45 04/06

Time Off: 05:47 04/07

Time On Bottom: 00:07 04/07 Time Off Bottom: 03:07 04/07

Down Hole Makeup

Heads Up: 5.16 FT

Packer 1: 4465.01 FT

Drill Pipe: 4442.6 FT Packer 2: 4470.01 FT

ID-3 1/4

Top Recorder: 4454.43 FT

Weight Pipe: 0 FT

Bottom Recorder: 4541 FT

ID-2 7/8

Collars: 0 FT Well Bore Size: 7 7/8

ID-2 1/4

Surface Choke: 1"

33.57 FT

Bottom Choke: 5/8"

Test Tool: ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 97.99

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 4 FT

4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 62.99 FT

ID-3 1/4

Change Over: 1 FT

Perforations: (below): 28 FT

4 1/2-FH



Test Complete

Company: L. D. Drilling, Inc Lease: Malcolm #3-16

SEC: 16 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield Job Number: 473 API #: 15-083-21982

DATE

April 06

2021

DST #1 Formation: Fort Scott/Cherokee Test Interval: 4470 -

Total Depth: 4568'

4568'

Time On: 20:45 04/06 Time Off: 05:47 04/07

Time On Bottom: 00:07 04/07 Time Off Bottom: 03:07 04/07

Mud Properties

Mud Type: Chemical Viscosity: 49 Weight: 9.5 Filtrate: 10.8 Chlorides: 5,250 ppm



State: Kansas Drilling Contractor: L. D. Drilling, Inc -

SEC: 16 TWN: 21S RNG: 23W

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield Job Number: 473 API #: 15-083-21982

County: HODGEMAN

Operation: **Test Complete**

> DATE April 07

DST #2 Formation: Mississippi Test Interval: 4545 -

Total Depth: 4599'

4599'

Time On: 14:55 04/07 Time Off: 23:42 04/08

Time On Bottom: 17:03 04/07 Time Off Bottom: 21:03 04/07

Electronic Volume Estimate: 624'

2021

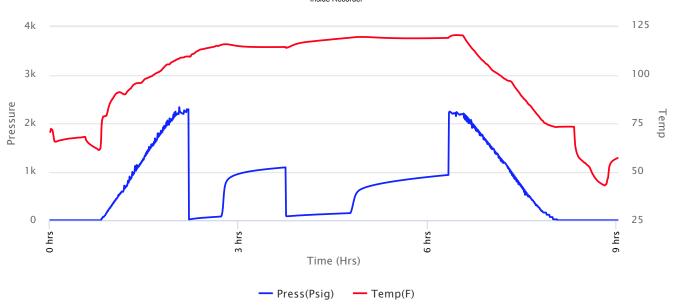
1st Open Minutes: 30 **Current Reading:** 22.3" at 30 min Max Reading: 22.3"

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

2nd Open Minutes: 60 **Current Reading:** 30.8" at 60 min Max Reading: 30.8"

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

Inside Recorder





Test Complete

Company: L. D. Drilling, Inc Lease: Malcolm #3-16

Rig 1

SEC: 16 TWN: 21S RNG: 23W County: HODGEMAN

Drilling Contractor: L. D. Drilling, Inc -

Elevation: 2387 EGL Field Name: Sandpit

State: Kansas

Pool: Infield Job Number: 473 API #: 15-083-21982

DATE April 07 2021

DST #2 Formation: Mississippi Test Interval: 4545 -

Total Depth: 4599'

4599'

Time On: 14:55 04/07 Time Off: 23:42 04/08

Time On Bottom: 17:03 04/07 Time Off Bottom: 21:03 04/07

Recovered

<u>Foot</u>	<u>BBLS</u>	Description of Fluid
215	2.2059	G
235	2.4111	SLGCO
65	0.6669	SLGCSLMCO
65	0.6669	MCO

Gas %	<u>Oil %</u>	<u>water %</u>	Mud %
100	0	0	0
10	90	0	0
16	67	0	17
0	80	0	20

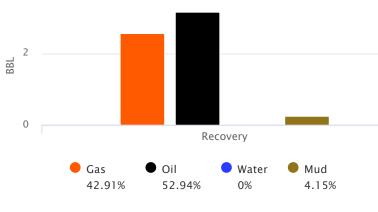
Total Recovered: 580 ft

Total Barrels Recovered: 5.9508

Reversed Out NO

Initial Hydrostatic Pressure	2264	PSI
Initial Flow	16 to 81	PSI
Initial Closed in Pressure	1092	PSI
Final Flow Pressure	83 to 148	PSI
Final Closed in Pressure	934	PSI
Final Hydrostatic Pressure	2245	PSI
Temperature	120	°F
Pressure Change Initial	14.5	%
Close / Final Close		

Recovery at a glance



GIP cubic foot volume: 14.33783



Test Complete

Company: L. D. Drilling, Inc

Lease: Malcolm #3-16

SEC: 16 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield Job Number: 473 API #: 15-083-21982

DATE April 07 2021

DST #2 Formation: Mississippi Test Interval: 4545 -

Total Depth: 4599'

4599'

Time On: 14:55 04/07 Time Off: 23:42 04/08

Time On Bottom: 17:03 04/07 Time Off Bottom: 21:03 04/07

BUCKET MEASUREMENT:

1st Open: 3/4 in. blow building. BOB in 15 1/2 mins.

1st Close: No blow back.

2nd Open: 1/2 in. blow building. BOB in 18 mins.

2nd Close: No blow back.

REMARKS:

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

Gravity: 34.9 @ 60 °F



County: HODGEMAN

SEC: 16 TWN: 21S RNG: 23W

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield

Job Number: 473 API #: 15-083-21982

Operation: **Test Complete**

April

07

2021

DST #2 DATE

Formation: Mississippi Test Interval: 4545 -

Total Depth: 4599'

4599'

Time On: 14:55 04/07

Time Off: 23:42 04/08

Time On Bottom: 17:03 04/07 Time Off Bottom: 21:03 04/07

Down Hole Makeup

Heads Up: 24.59 FT Packer 1: 4540.3 FT

Drill Pipe: 4537.32 FT Packer 2: 4545.3 FT

ID-3 1/4

Top Recorder: 4529.72 FT

Weight Pipe: 0 FT **Bottom Recorder:** 4586 FT

ID-2 7/8

Collars: 0 FT Well Bore Size: 7 7/8

ID-2 1/4

Surface Choke: 1"

33.57 FT

Bottom Choke: 5/8"

Test Tool: ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 53.7

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 5 FT

4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 31.70 FT

ID-3 1/4

Change Over: 1 FT

Perforations: (below): 14 FT

4 1/2-FH



Test Complete

Company: L. D. Drilling, Inc Lease: Malcolm #3-16

SEC: 16 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield Job Number: 473 API #: 15-083-21982

DATE April

07 2021 **DST #2**

Formation: Mississippi Test Interval: 4545 -

Total Depth: 4599'

4599'

Time On: 14:55 04/07

Time Off: 23:42 04/08

Time On Bottom: 17:03 04/07 Time Off Bottom: 21:03 04/07

Mud Properties

Mud Type: Chemical Viscosity: 55 Chlorides: 6,900 ppm Weight: 9.4 Filtrate: 10.4



Drilling Contractor: L. D. Drilling, Inc -

SEC: 16 TWN: 21S RNG: 23W County: HODGEMAN

Rig 1 Elevation: 2387 EGL

Field Name: Sandpit Pool: Infield Job Number: 473

API #: 15-083-21982

State: Kansas

Operation: Uploading recovery & pressures

> **DATE** April

80

2021

DST #3

Formation: Mississippian Test Interval: 4598 -

Total Depth: 4612'

4612'

Time On: 07:50 04/08 Time Off: 15:25 04/08

Time On Bottom: 10:17 04/08 Time Off Bottom: 13:17 04/08

Electronic Volume Estimate:

28'

1st Open Minutes: 30 **Current Reading:**

1.0" at 30 min

Max Reading: 1.0"

1st Close Minutes: 45 **Current Reading:**

0" at 45 min

Max Reading: 0"

2nd Open Minutes: 45 **Current Reading:**

1.3" at 45 min

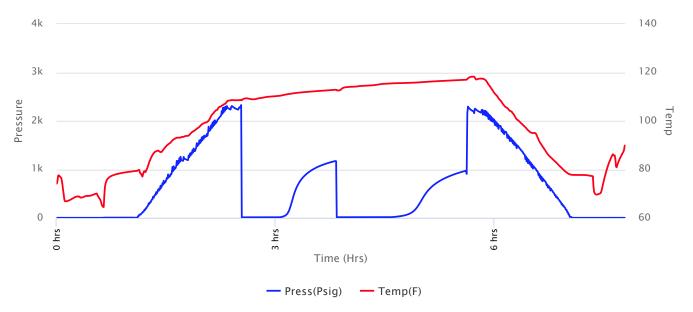
Max Reading: 1.3"

2nd Close Minutes: 60 **Current Reading:**

0" at 60 min

Max Reading: 0"







Company: L. D. Drilling, Inc

Lease: Malcolm #3-16

Operation: Uploading recovery & pressures

SEC: 16 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield Job Number: 473 API #: 15-083-21982

DATE April 80 2021

DST #3 Formation: Mississippian Test Interval: 4598 -

Total Depth: 4612'

4612'

Time On: 07:50 04/08

Time Off: 15:25 04/08

Time On Bottom: 10:17 04/08 Time Off Bottom: 13:17 04/08

Recovered

<u>Foot</u>	<u>BBLS</u>	Description of Fluid	<u>(</u>
2	0.02052	0	
10	0.1026	HOCM	

Gas %	<u>Oil %</u>	Water %	Mud %
0	100	0	0
0	30	0	70

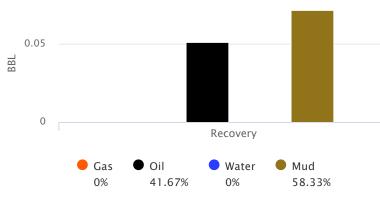
Total Recovered: 12 ft

Total Barrels Recovered: 0.12312

Reversed Out
NO

Initial Hydrostatic Pressure	2278	PSI
Initial Flow	10 to 13	PSI
Initial Closed in Pressure	1171	PSI
Final Flow Pressure	13 to 15	PSI
Final Closed in Pressure	973	PSI
Final Hydrostatic Pressure	2276	PSI
Temperature	117	°F
Pressure Change Initial	16.9	%
Close / Final Close		

Recovery at a glance



GIP cubic foot volume: 0



Uploading recovery &

pressures

Company: L. D. Drilling, Inc

Lease: Malcolm #3-16

SEC: 16 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield Job Number: 473 API #: 15-083-21982

DATE April 80 2021

DST #3 Formation: Mississippian Test Interval: 4598 -

Total Depth: 4612'

4612'

Time On: 07:50 04/08 Time Off: 15:25 04/08

Time On Bottom: 10:17 04/08 Time Off Bottom: 13:17 04/08

BUCKET MEASUREMENT:

1st Open: Surface blow building to 1"

1st Close: No BB

2nd Open: Surface blow building to 1"

2nd Close: Surface BB

REMARKS:

Tool Sample: 0% Gas 33% Oil 0% Water 67% Mud



County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

SEC: 16 TWN: 21S RNG: 23W

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield

Job Number: 473 API #: 15-083-21982

Operation: Uploading recovery & pressures

> **DATE** April

80 2021 **DST #3** Formation: Mississippian Test Interval: 4598 -

Total Depth: 4612'

4593 FT

4612'

Time On: 07:50 04/08 Time Off: 15:25 04/08

Time On Bottom: 10:17 04/08 Time Off Bottom: 13:17 04/08

Down Hole Makeup

Heads Up: 35.12 FT Packer 1:

Drill Pipe: 4600.55 FT Packer 2: 4598 FT

ID-3 1/4 Top Recorder: 4582.42 FT

Weight Pipe: 0 FT

Bottom Recorder: 4600 FT ID-2 7/8

Well Bore Size: 7 7/8 Collars: 0 FT

Surface Choke: 1" ID-2 1/4

Bottom Choke: 5/8" **Test Tool:** 33.57 FT

ID-3 1/2-FH

Jars Safety Joint

Total Anchor: 14

Anchor Makeup Packer Sub: 1 FT

Perforations: (top): 0 FT

4 1/2-FH

Change Over: 0 FT

Drill Pipe: (in anchor): 0 FT

ID-3 1/4

Change Over: 0 FT

13 FT

Perforations: (below):

4 1/2-FH



SEC: 16 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield Job Number: 473 API #: 15-083-21982

Operation: Uploading recovery & pressures

> **DATE** April 80 2021

DST #3 Formation: Test Interval: 4598 -Total Depth: 4612' Mississippian 4612'

Time On: 07:50 04/08 Time Off: 15:25 04/08

Time On Bottom: 10:17 04/08 Time Off Bottom: 13:17 04/08

Mud Properties

Chlorides: 6,900 ppm Mud Type: Chemical Weight: 9.4 Viscosity: 55 Filtrate: 10.4



State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

SEC: 16 TWN: 21S RNG: 23W

Rig 1

Elevation: 2387 EGL Field Name: Sandpit Pool: Infield

County: HODGEMAN

Job Number: 473 API #: 15-083-21982

Operation:
Uploading recovery &
pressures

DATEApril **08**2021

DST #3 Formation: Mississippian

Test Interval: 4598 -

Total Depth: 4612'

4612'

Time On: 07:50 04/08 Time Off: 15:25 04/08

Time On Bottom: 10:17 04/08 Time Off Bottom: 13:17 04/08

Gas Volume Report

1st Open								
Time	Orifice	PSI	MCF/D					

2nd Open									
Time	Orifice	PSI	MCF/D						



Remit To: Hurricane Services, Inc.

250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:

L D DRILLING, INC. 7 SW 26TH AVE

GREAT BEND, KS 67530

Invoice Date:
Invoice #:
Lease Name:

e Name: Malcolm
Well #: 3-16 (New)
County: Hodgeman, Ks

Job Number: WP1248
District: Oakley

3/30/2021

0352095

TY Rate 000 0.0 000 11.0	0.00
000 11.0	
	2,486.25
0.6	371.02
000 1.4	88 84.79
000 1.7	700 25.50
000 3.4	51.00
000 255.0	255.00
000 637.5	637.50
(000 3.4

Total	3,911.06

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.



ORGANIC PROPERTY OF THE PERSON NAMED IN COLUMN	-			The second second second second								
Customer	LD Drilling Inc		Lease & Well #	Malcolm 3-16				Date	3	3/30/2021		
Service District	Oakley		County & State	Hodgeman KS	Legals S/T/R	16-215	5-23W	Job#				
Job Type	8.625" surface	✓ PROD	☐ INJ	SWD	New Well?	✓ YES	☐ No	Ticket#	,	WP1248		
Equipment#	Driver			Job Safety A	Analysis - A Discus	sion of Hazards	& Safety Pro	ocedures		KORONI KAPUNGI MANJAWA MININGA KUKA		
78	Fennis	✓ Hard hat		✓ Gloves		☐ Lockout/Tagout ☐ Warning Signs & Flagging				a		
230	Mike	✓ H2S Monitor		✓ Eye Protection	✓ Eye Protection		ermits		Fall Protection			
194/254	Kale	✓ Safety Footwe		Respiratory F	Protection	✓ Slip/Trip/Fall Hazards ☐ Specific Job Sequence				pectations		
		✓ FRC/Protective		Additional Cl	nemical/Acid PPE	✓ Overhead Hazards ✓ Muster Point/Me						
		✓ Hearing Prote	ction	✓ Fire Extinguis	her	Additional	concerns or i	ssues noted belov	v			
						nments						
		Uneven walk	Jneven walking surfaces, 2 person lift / watch foot hand body placement. Moving equiptment- don't									
		stand behind	tand behind, between equiptment. Communicate. Nearest hospital Ness City KS Phone # 785-798- 291. Person in charge of head count Fennis G. Muster point entrance of location.									
		2291. Person	n in charge o	r nead coun	t Fennis G. Mi	ister point	entrance	of location.				
Product/ Service Code		Descri	iption		Unit of Measure	Quantity				Not A		
CP070	60/40/2 Pozmix				sack	225.00		100 Maria 150 Ma		Net Amount \$2,486.25		
CP100	Calcium Chloride			1	lb	582.00				\$371.03		
CP120	Cello-flake				lb	57.00				\$84.79		
M015	Light Equipment Mile	age			mi	15.00				\$25.50		
M010	Heavy Equipment M	ileage		7000000	mi	15.00			\$51.			
M025	Ton Mileage - Minim	um			each	1.00				\$255.00		
C010	Cement Pump Servi	ce			ea	1.00				\$637.50		
			September 1									
			Marie Walter	The second second								
				***		Million and Project						
				×								
						1						
					<u> </u>							
										100000000000000000000000000000000000000		
					-							
					-							
			***************************************		-							
	705 (MICH.)											
Custo	mer Section: On the	following scale ho	w would you rate H	lurricane Services	Inc.?				Note	62.044.00		
						Total Taxable	\$ -	Tax Rate:	Net:	\$3,911.06		
Bas	sed on this job, how	likely is it you wo	ould recommend	HSI to a colleagu	e?	State tax laws dee	em certain prod	lucts and services	Sale Tax:	\$.		
						used on new wells Hurricane Service		x exempt. customer provided				
Un	dkely 1 2 3	4 5	6 7 8	9 10 E	xtremely Likely	well information al services and/or pr	bove to make a	determination if		province out		
		***************************************			NO SECURITION AND ADDRESS OF THE PARTY OF TH	CONTRACTOR OF THE PARTY OF THE		ALCO CASTO DE LA CONTRACTOR DE	Total:	\$ 3,911.06		
						HSI Represe		Fennis Gard				
TERMS: Cash in advan	ce unless Hurricane Se	ervices Inc. (HSI) has	approved credit prio	r to sale. Credit term	as of sale for approved	accounts are total	invoice due or	or before the 20th	day from the d	ata of invoice Deat		

IERMS: Cash in advance unless Hurricane Services Inc. (HS) 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 ½% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attempt of 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 HS1 becomes definiquent, HS1 has the right to revoke any discounts previously applied in arriving at not 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. <u>DISCLAIMER NOTICE</u>: 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 form 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 serv

X David & Bres

CUSTOMER AUTHORIZATION SIGNATURE



CEMENT TREATMENT REPORT														
Cust	tomer	LD Drill	ling Inc	3	Wel	Te .	Malcolm 3	16	Tileket	WD4	0.40			
City,	State:				County				Ticket					
Fiel	d Rep:	Fennis	Gardu	no.				Hodgeman KS Date: 3/30/2021 16-21S-23W Service: 8 625" surfa						
E LANGE STATE		1 51	- Curac.	-	S-T-R	41	16-213-23	IVV	Service	8.625" s	urface			
Dow	nhole	Informati	ion		Calculated	d Slurry - Lead Calculated Slurry - Tail								
Hole	e Size:	12.25	5 in			Blend: 60/40/2 POZMIX Blend:								
Hole D		-	5 ft		Weight		.8 ppg		ppg					
Casing			3 in		Water / Sx		2 gal / sx							
Casing D			i ft		Yield	1.2	1 ft³/sx	gal/sx						
Tubing / I			in	_	Annular Bbls / Ft.	9 0.073	5 bbs / ft.	Ann	Yield: ular Bbls / Ft.:					
	Depth:		ft		Depth	H 253.	5 ft		Depth:					
Tool / Pa				_	Annular Volume	18.	6 bbls							
Tool D	2 3 3 3 3		ft	4	Excess		/a		Excess:	3				
Displace	menu	15.5	bbls		Total Slurry	8	4 bbls Total S			0.0 bbls				
TIME	RATE	PSI	STAGE BBLs		Total Sacks	22	5 sx		Total Sacks:	0 sх				
7:30 PM	N. C.	Irca	100-2	555	REMARKS		CHARLES THE REAL PROPERTY.			The state of the s	Service to the service of			
8:00 PM			 		Journey managemen Convoy to location	t meeting								
10:00 PM					Arrive on location									
10:05 PM					Safety meeting									
10:15 PM				-		Spot in / rig up equiptment								
12:10 AM				-		Rig land casing , rig circulate								
12:25 AM	3.0	120.0	5.0	5.0		Hook cement pump to casing pump fresh water spacer ahead								
12:28 AM	4.2	300.0	48.5	53.5		Mix 225 sx 60/40/2 poz mix @ 14.8 ppg								
12:38 AM 3	3.0	150.0		53.5	Displace with fresh w		Pro							
12:50 AM		200.0	15.5	69.0	S/D WITH 200 PSI on		in LEFT 20' Shoe Tra	ack						
				69.0	Circulate 5 bbls ceme				isplacement					
					HOC 253.5' TOC sur									
1:20 AM					Leave location	***************************************								
			 	<u> </u>										
				 										
	-+					_								
-	-													
+	-+							v-c-						
	-													
	-													
	\neg													
	\neg													
										-				
		CREW			UNIT				SUMMAR					
Ceme	enter:	Fennis	s		78		Average Rate	Averag	je Pressure	Total Fluid				
Pump Oper	rator:	Mike			230		3.4 bpm		3 psi	69 bbls				
	lk #1:	Kale			194/254		•		, ps. 1	00 5515				
Bul	lk #2:										1			

ftv: 13-2021/01/19 mplv: 105-2021/01/27



Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200

Wichita, KS 67202 316-303-9515

Customer:

L D DRILLING, INC. 7 SW 26TH AVE

GREAT BEND, KS 67530

Invoice Date: Invoice #: 4/9/2021 0352406

Lease Name: Well#: Malcolm

County:

3-16 (New) Hodgeman, Ks

Job Number:

igeman, Ks WP1285

District:

Pratt

2 Stage H-LD Cement Blend H-CON H-CON 5 1/2" Floatshoe-Flapper AFU	0.000 150.000	0.000	0.00
H-CON H-CON 5 1/2" Floatshoe-Flapper AFU	150.000		0.00
H-CON 5 1/2" Floatshoe-Flapper AFU		39.083	5,862.38
1/2" Floatshoe-Flapper AFU	230.000	17.010	3,912.30
• •	30.000	17.010	510.30
1/01/0 0/ 51/7 1	1.000	303.750	303.75
5 1/2" 2 Stage DV Tool	1.000	4,050.000	4,050.00
Cement baskets 5 1/2"	2.000	243.000	486.00
1/2" Turbolizers	8.000	64.800	518.40
flush	1,000.000	0.810	810.00
ight Eq Mileage	15.000	1.620	24.30
Heavy Eq Mileage	15.000	3.240	48.60
on Mileage	288.000	1.215	349.92
Cement Pump Service	1.000	2,025.000	2,025.00
Cement Plug Container	1.000		

Total	19,103.45

<u>TERMS</u>: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

<u>SALES TAX:</u> Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.



医克尔特斯 计分类的						<u>~</u>				(interpretation of the control of th		
Customer	L D Drilling	ng Lease & Well# Malc							Date	4/9/2021		
Service District	Pratt Kansas		County & State	Hodge	man	Legals S/T/R	16-219	s-23w	Job#			
Job Type	2 stage	☑ PROD	□ נאו	Sw	D	New Well?	✓ YES	☐ No	Ticket#	v	vp1285	
Equipment#	Driver			Job	Safety A	Analysis - A Discuss	sion of Hazards	& Safety Pro	ocedures			
916	M Brungardt	✓ Hard hat		☑ Glo			☐ Lockout/Ta		☐ Warning Sig	ns & Flanning		
179/522	R Osborn	✓ H2S Monitor		✓ Eye	Protection	on	Required P		Fall Protection		a ragging	
182-533	M Mattel	Safety Footw	ear	Res	piratory I	Protection	✓ Slip/Trip/Fall Hazards ☐ Specific Job Sequence/Expectations					
		✓ FRC/Protectiv	e Clothing	☐ Add	ditional C	hemical/Acid PPE	✓ Overhead Hazards					
		Hearing Prote	ection	✓ Fire	Extingui	sher	Additional concerns or issues noted below					
						Con	mments					
Product/ Service								ho -				
Code			ription			Unit of Measure	Quantity				Net Amount	
ср014	H-LD Cement Blend					sack	150.00				\$5,862.38	
cp025	H-Con					sack	230.00				\$3,912.30	
cp025	H-Con					sack	30.00		-		\$510.30	
fe145 fe150	5 1/2" Float Shoe - A					ea	1.00				\$303.75	
fe130	5 1/2" DV Tool - 2 S 5 1/2" Cement Bask					ea	1.00				\$4,050.00	
fe135	5 1/2 Turbolizer	el				ea	2.00			\$486.00		
cp170	Mud Flush	- Anna Anna Anna Anna Anna Anna Anna Ann			ea	8.00			\$5			
m015	Light Equipment Mile				gal .	1,000.00			\$810.00			
m010	Heavy Equipment M				mi	15.00			\$24.30			
m020	Ton Mileage	meage				mi	15.00		-	\$48.60		
c020	Cement Pump - Mul	ti Stana Sanvica				tm	288.00			\$349.9		
c050	Cement Plug Contai					ea	1.00		\$2,0			
	ocinent ing contai	illet				job	1.00				\$202.50	
								-				
										 		
						1						
			-							<u> </u>		

Custo	omer Section: On the	e following scale h	ow would you rate I	Hurrican	e Service	s Inc.?				Net:	\$19,103.45	
						~	Total Taxable	\$ -	Tax Rate:		> <	
Ba	sed on this job, how	w likely is it you v	vould recommend	HSI to a	colleage	ue?			ducts and services	Sale Tax:	\$ -	
								es relies on the	customer provided			
υ	Infinitely 1 2	3 4 5	6 7 8	9	10	Extremely Likely	well information a services and/or p		a determination if exempt.	Totali	\$ 10.102.45	
										Total:	\$ 19,103.45	
							HSI Represe		Mark Brung			
que accounts snail pay	nce unless Hurricane S y interest on the balanc	e past due at the rat	e of 1 1/2% per month	or the ma	aximum all	owable by applicable sta	ale or federal laws	In the event it	is necessarile am	20 202000	andles allesses to	
affect the collection, C	usiomer nereby agrees	to pay all fees direc	tly or indirectly incurre	d for suc	h collection	n. In the event that Cus	lomer's account w	ith HSI become	es delinquent, HSI h	as the right to re	and/or allorney to evoke any discounts	

Technical Cash in advance unless rutinicate services inc. (Fist) has approved credit prior to sale. Credit lems 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 belance past due at the rate of 1 ½% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or altorney 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 definquent, 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 and stated price. A clust 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 tax

CUCTOMED AUTHODIZATION CIONATUR
CUSTOMER AUTHORIZATION SIGNATUR



CEMENT	TRE	ATMEN	IT REF	PORT		This is			
Cust	tomer:	L D Dril	ling		Well:		Malcom 3-16		
City,	State:	Jetmore	e Kansa	as	County:				
		Dalton			S-T-R:		Hodgeman 16-21s-23w	Date	
			- 1-1-	-	G-1-W.		10-215-23W	Service	2 stage
Dow	nhole l	nformati	on		Calculated :	Slurry - Lea	ad	Cal	culated Slurry - Tail
	Size:	7 7/8	in		Blend:	H	-con	Blend	
Hole I		4740			Weight:	11.6	5 ppg	Weight:	
Casing		25 1/2			Water / Sx:	16.8	3 gal/sx	Water / Sx:	
Casing I Tubing /		1616			Yield:	2.77	7 ft ³ / sx	Yield:	ft³/sx
	Si Victoria		in		Annular Bbls / Ft.:		bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Tool / Pa	epth:		ft		Depth:		ft	Depth	ft
Tool E					Annular Volume:	0.0	bbls	Annular Volume:	0 bbls
Displace		40.0	ft		Excess:			Excess:	
		40.0	STAGE	TOTAL	Total Slurry:		bbls	Total Slurry:	
TIME	RATE	PSI	BBLs		Total Sacks: REMARKS	230) sx	Total Sacks:	0 sx
			-		hook up to open tool			ATE IN THE BEST OF THE STATE OF THE	
2:35 AM	1.0	350.0	20.0	20.0	open tool				
2:40 AM	3.0	150.0	3.0		start flush				
2:42 AM	6.0	450.0	113.0	113.0	start cement				
3:50 AM				113.0	cement in ,,,mix 230 sa	cks cement	1		
				113.0	wash pump and lines				
3:15 AM	5.0	300.0		113.0	start displacement				
2.22 444	3.0	400.0	30.0	143.0	slow rate	-			
3:30 AM	3.0	400.0	40.0	183.0	bump plug400 ps	to 1000 psi			
				-	ta al did ala a a a d				
				-	tool did close and cem	ent did circ	ulate		
				-	Managara (
				-					
				-					
	-			-					
	-+			-					
		CREW	78		UNIT			SUMMAR	v 19 km i na mana na m
Cem	enter:	M Bru	ungardt		916		Average Rate	Average Pressure	Total Fluid
Pump Ope	rator:	R Osl	born		179/522		3.5 bpm	341.7 psi	206 bbls
	ilk #1:	M Ma	ttel		182-533		•		
Bu	ik #2:								

ftv: 15-2021/01/25 mplv: 132-2021/04/06



Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:

L D DRILLING, INC. 7 SW 26TH AVE GREAT BEND, KS 67530

Date/Description	HRS/QTY	Rate	Total					
Squeeze	0.000	0.000	0.00					
Cement Class A	50.000	14.450	722.50					
Cement Class A	75.000	14.450	1,083.75					
Cement Fluid Loss 2	24.000	12.750	306.00					
Defoamer Powder C-41P	10.000	3.400	34.00					
Light Eq Mileage	15.000	1.700	25.50					
Heavy Eq Mileage	15.000	3.400	51.00					
Ton Mileage Minimum	1.000	255.000	255.00					
Cement Pump Service	1.000	1,275.000	1,275.00					
Cement Squeeze Manifold	1.000	255.000	255.00					

Total	4,007.75

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.



									\								
Customer	LD DRILL	ING		*	Leas	e & Well #	MALC	OLM 3	-16					Date	4.	29/20	21
Service District	PRATT			25	Cour	ity & State	HODO	SEMAN	KS	Legals S/T/R		16-21	-23	Job#		-	
Job Type	SQUEEZE		@ PROD	<u>)</u>	נאו 🗆		□ sw	D		New Well?	Ø YES		□ No	Ticket#	V	WP134	0
Equipment#	Dri	ver					Jo	b Safet	y An	alysis - A Discus	sion of Ha	zards	& Safety Pr	The state of the s			
912	M ATTAL		☑ Hard	hat			☑ Glo				□ Locko			□ Warning Sign	s & Flagging		
526/521	MCELMO	RE	□ H2S N	Monitor			☑ Eye	Protecti	ion		□ Requi			☐ Fall Protection			
181/532	GILLEY		☑ Safety	Footwe	or		□ Res	piratory	Prot	ection	□ Slip/Ti	rip/Fall	Hazards	□ Specific Job S		ctatio	ns
			Ø FRC/F	rotective	Clothin	g	□ Add	ditional (Chem	nical/Acid PPE	□ Overh	ead Ha	zards	☐ Muster Point/	10 10 10		
			□ Heari	ng Protec	tion		□ Fire	Extingu	isher		□ Additi	onal co	ncerns or is	sues noted below			
										Cor	nments	3					
Product/ Service Code				Desc	ription					Unit of Measure	Quar	itity			YEST	Ne	t Amount
CP010	Class A C	ement								sack		50.00	(\$722,50
CP010	Class A C	ement						70		sack		75,00					\$1,083.75
CP132	Cement FI	uid Loss	2							lb		24.00					\$306.00
CP135	Defoamer	Powder								lb		10.00					\$34.00
M015	Light Equip									mi		15.00					\$25.50
M010	Heavy Equ			_						mi		15.00					\$51.00
M025	Ton Mileag	10.00	303 000							each		1.00					\$255.00
C015	Cement Po	-	72 0000				_			ea		1.00					\$1,275.00
C045	Cement Se	queeze M	Manifold	_	_					job		1.00					\$255.00
	-				-				_		_				ļ		
	_			_					-								
		_	_								-						
			_						_		-						
					_		-	_	_		-				-		
			_				_				-	-					
					_	-									-	_	
									-			_			-	_	
											+	_	-	-			
	-				-							_			-	9	
																_	_
																_	
			3377													_	
2050-0									\neg							_	
Cust	omer Section	on: On th	he followin	g scale h	ow wou	ld you rate	Hurrica	ne Servi	ces	Inc.?					Net:		\$4,007.75
											Total Ta	xable	s -	Tax Rate:	, itel.		34,007.73
В	ased on this	s job, ho	ow likely i	s it you v	would re	ecommen	HSI to	a collea	ague	?				ducts and services	Sale Tax:	\$	-
	Untikely 1	2	3 4	5	6	7 8	9	10	Est	remaily Likely	Humicane well inform	Service nation a		customer provided a determination if	Total:	5	4 007 72
											HSI Re	prese	entative:	Mike Matte	ıl		4,007.75
TERMS: Cash in adv	ance unless h	lurricane	Services In	c. (HSI) h	as approv	ved credit p	for to sal	e. Credit	terms	of sale for approve	d accounts	are total	invoice due d	on or before the 30th	day from the d	ate of in	voice. Past
affect the collection, C	Customer her	by agree	s to pay all	fees direc	thy or ind	irectly incur	ed for su	ch collec	tion I	able by applicable st	late or feder	ral laws.	In the event i	t is necessary to emp	ploy an agency	and/or	attorney to
reviously applied in a late of issue. Pricing	minimity or mer	minore h	nee. open	EAOCREIO L	, me ruii	invoice pric	e without	discount	ts imi	mediately due and s	ubject to co	Mection.	Prices quotes	are estimates only	and are good to	ır 30 da	ys from the

due accounts shall pay interest on the balance past due at the rate of 1 ½% 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 its 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 utilimately required to perform these services. Any discount is based on 30 days net payment terms or cash.

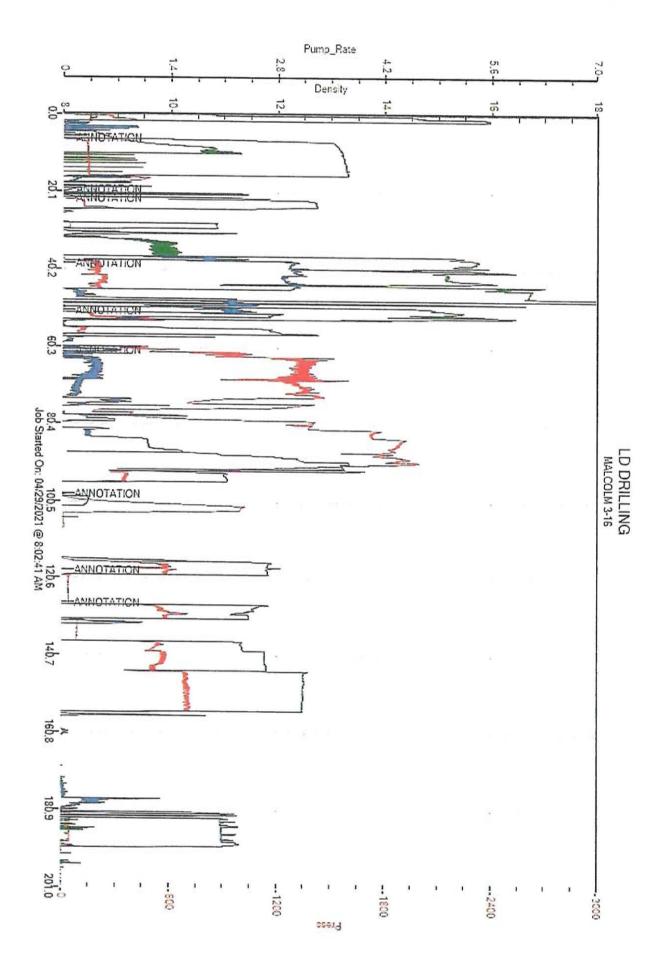
DISCLAIMER NOTICE: Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no faibility for advice or purposes and HSI makes no guarantee of future production performance. Customer represents that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property white 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.

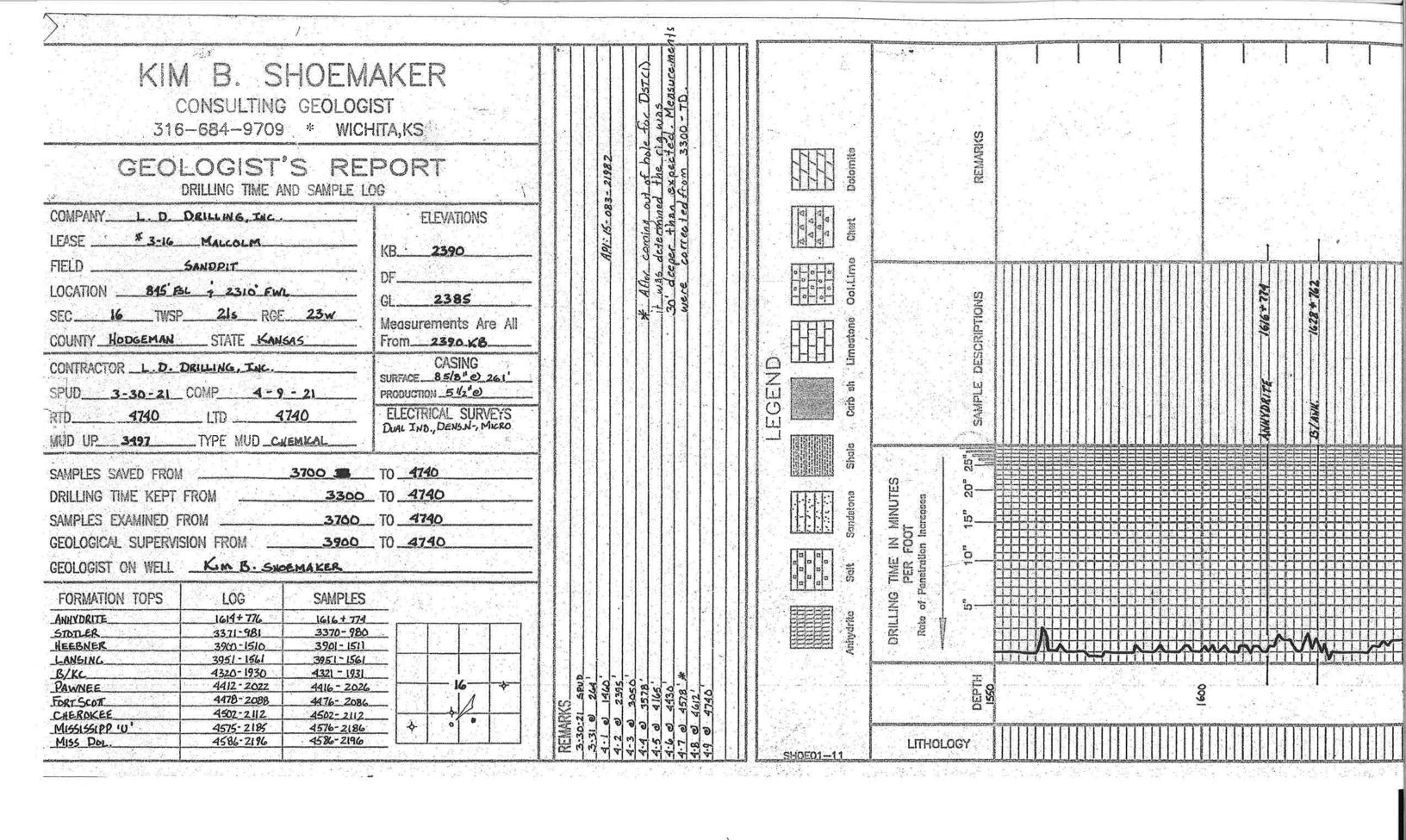
X	CUSTOMER AUTHORIZATION SIGNATURE

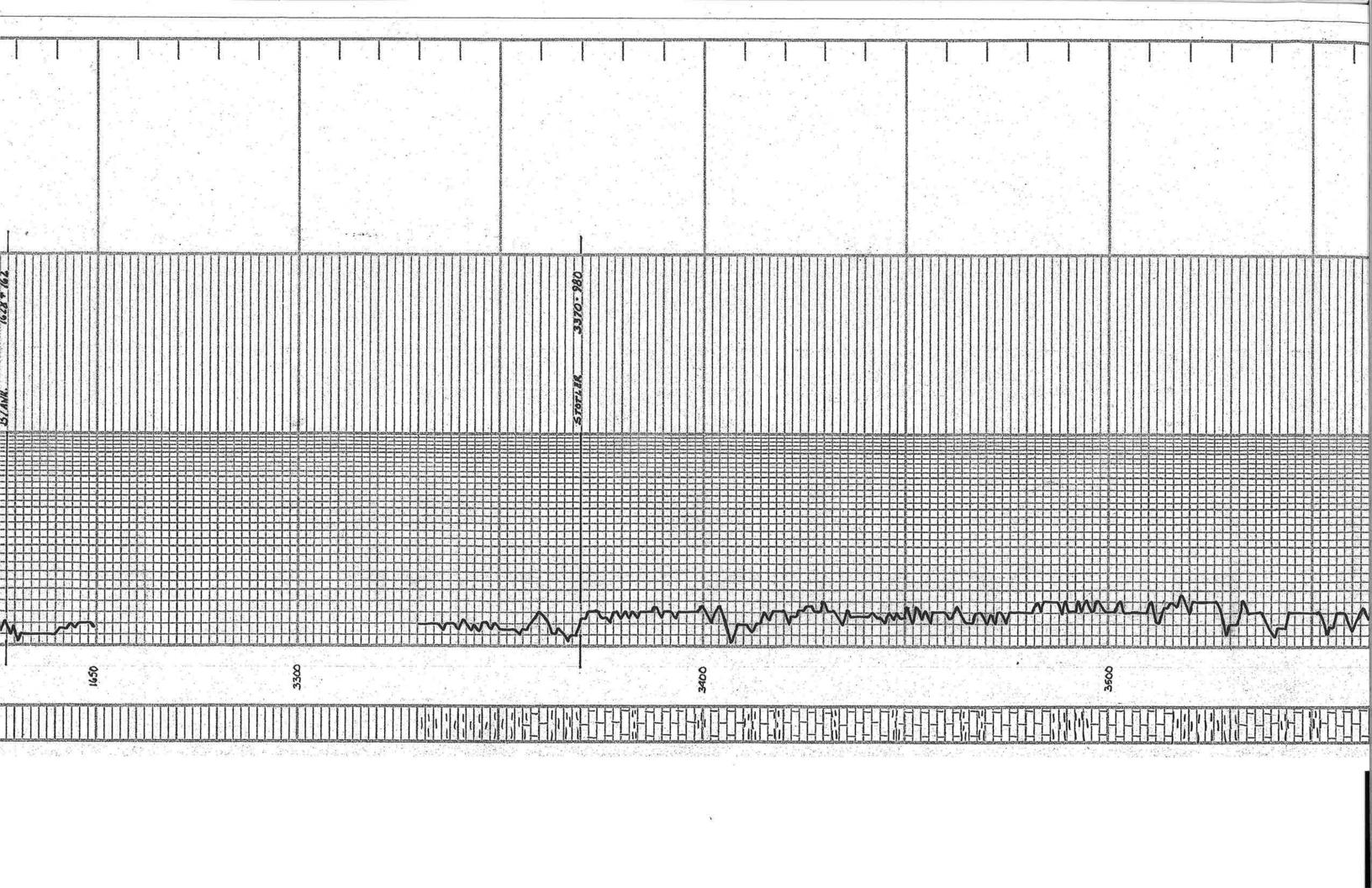


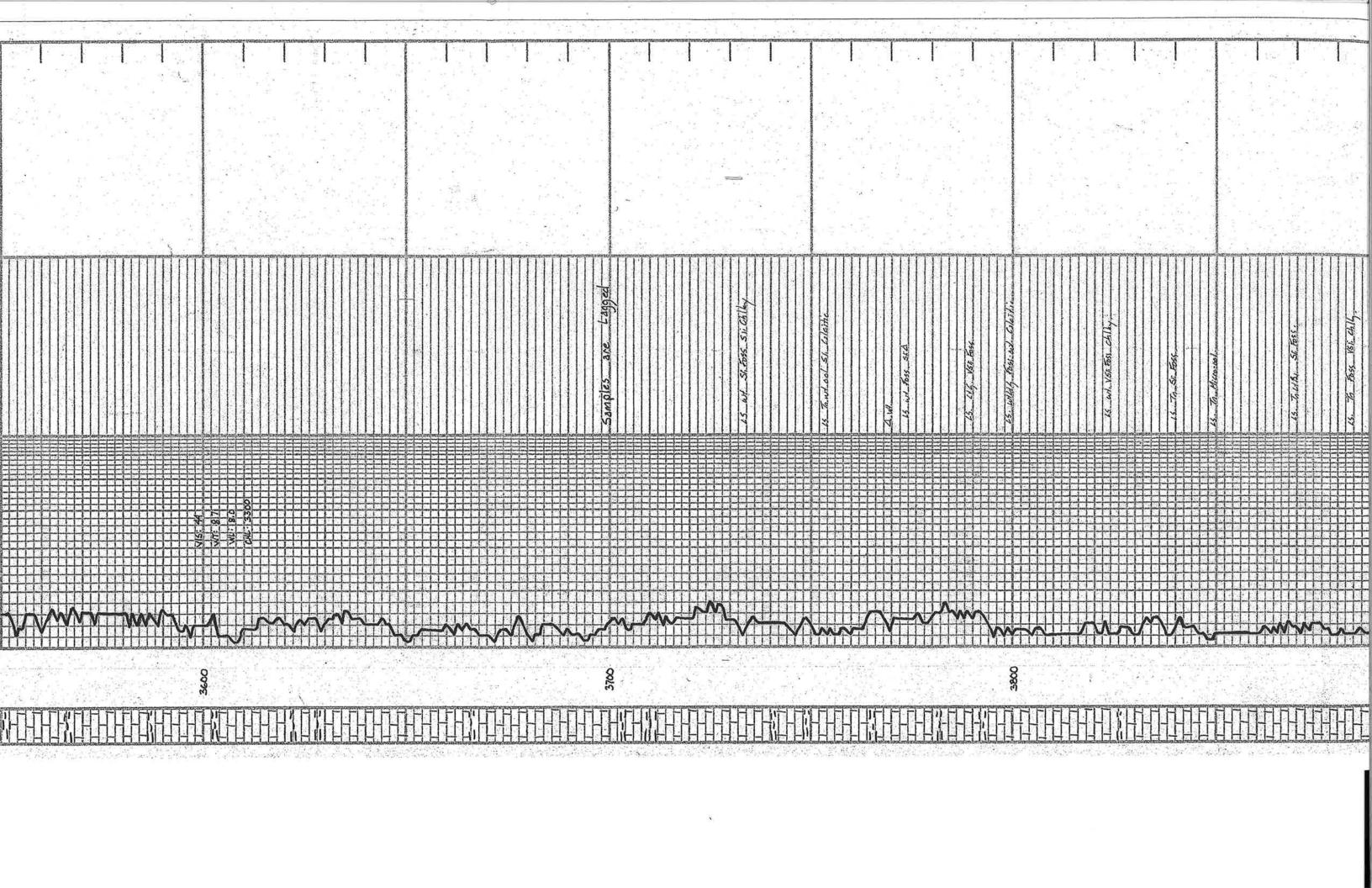
MENT	TRE	ATMEN	T REP	ORT		Stall to rescent this		C TO THE WAS ENDING SX					
Cust	omer:	LD DRIL	LING		Well:	MALCOLM 3-16	ale and	WD444					
City, State: JETMORE KS County:						HODOSTANAMO WP1340							
		RICK PO				HODGEMAN KS Date: 4/29/2021							
	il olivinia	KIOK F	JFF		S-T-R:	16-21-23	Service:	BREAKDOWN					
		nformatio	n		Calculated Slu	rry - Lead	Calci	ulated Slurry - Tail					
	Size:		in		Blend:	CLASS A	Blend:	CLASS A					
Hole D			ft		Weight:	15.6 ppg	Weight:	15.6 ppg					
Casing		5 1/2			Water / Sx:	5.2 gal / sx	Water / Sx:	5.2 gal / sx					
Casing D			ft		Yield:	1.18 ft ³ / sx	Yield:	1.18 ft³/sx					
Tubing / I	epth:	2 3/8			Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.					
Tool / Pa		449	ft		Depth:	ft	Depth:	ft					
Tool D			ft		Annular Volume:	0.0 bbls	Annular Volume:	0 bbis					
Displace	The state of	18.0			Excess:		Excess:						
		DECEM	STAGE	TOTAL	Total Slurry:	10.5 bbls	Total Slurry:	16.0 bbls					
TIME	RATE	PSI	BBLs		Total Sacks:	50 sx	Total Sacks:	75 sx					
8:15 AM				-	ON LOCATUION, SAFTEY	MEETING	A STATE OF THE STATE OF	- And the dispersion less the					
9:05 AM	3.0	500.0	33.5	33.5	LOAD BACKSIDE, PRESS								
9:18 AM	2.5	300.0	8.5	42.0	INJECTION RATE	10.00							
9:38 AM	3.0	300.0	10.5	52.5		TH FLUID LOSS & DEFOAMER							
9:44 AM	3.0	220.0	16.0	68.5	MIX 75 SKS CLASS A								
9:58 AM	3.0	50.0	4.0	72.5	WASH PUMP AND LINE								
10:03 AM	0.1	500.0		72.5	START DISPLACEMENT								
10:05 AM	0.4	1,350.0		72.5									
10:20 AM			3.3	75,8									
10:22 AM	0.5	1,750.0		75.8	REVERSE OUT								
10:40 AM	-	1200	25.0	100.8	WELL CLEAN								
10:42 AM		1,000.0	8.0	101.5	PRESSURE UP WELL, HO	OLDING 1000 PSI							
10:59 AM	2.7	600.0		101.5	WASH DOWN 2 JOINTS A	ND CLEAN UP WELL							
11:39 AM			52.0	153.5	WELL CLEAN								
	\rightarrow				100 00 WD								
				-	JOB COMPLETE, THANK	YOU!							
					MIKE MATTAL GARRET & RONNIE								
					SANIET & RONNIE								
				-									
				-									
			- 5-570	-									
				-									
		CREW	r Te day		UNIT		SUMMARY						
	enter:	M AT	CANADA I		912	Average Rate	Average Pressure	Total Fluid					
Pump Ope			MORE		526/521	2,0 bpm	657 psi	154 bbls					
	ik #1:	GILLE			181/532								

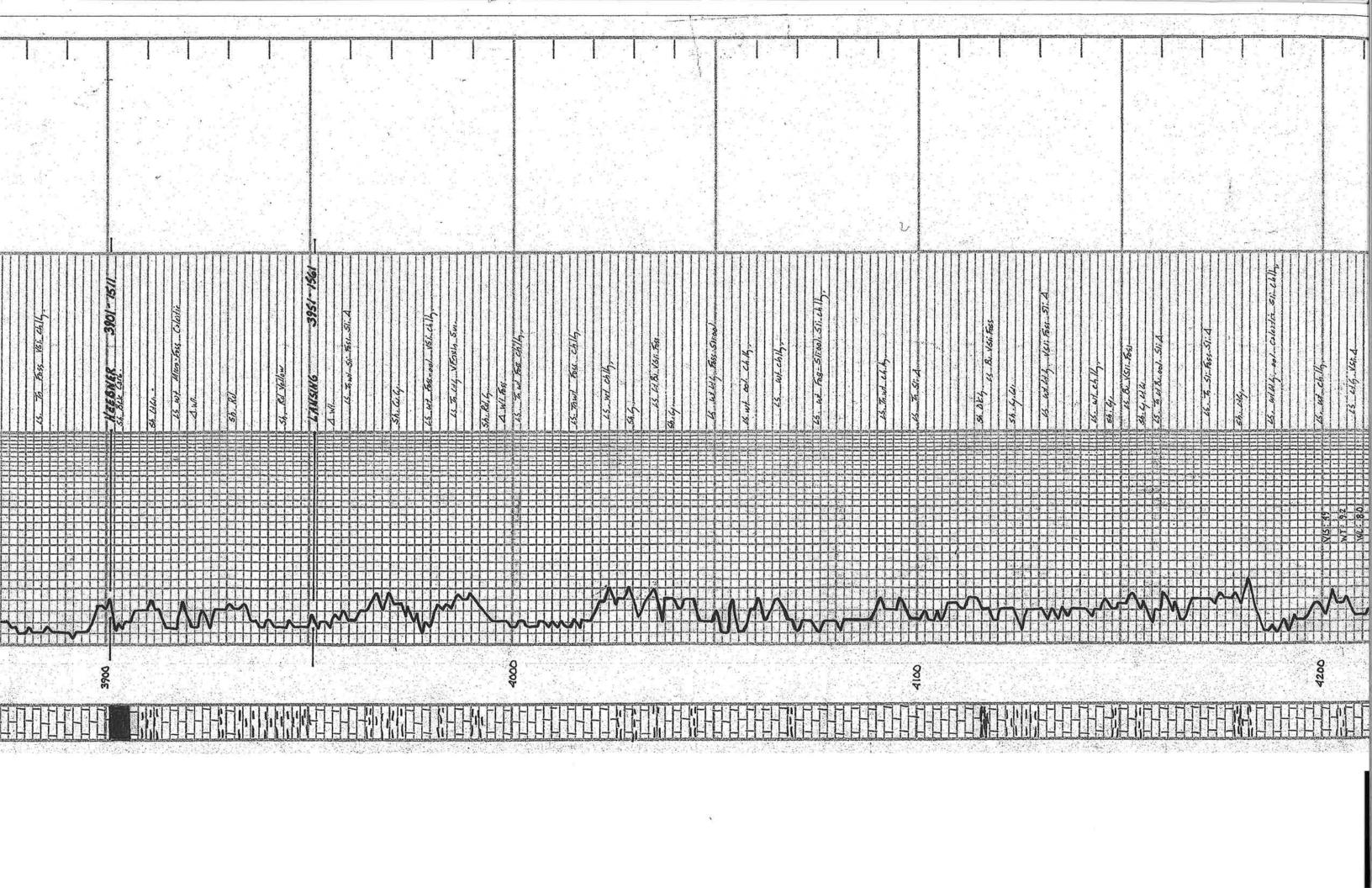
ftv: 7-2020/11/30 mplv: 140-2021/04/21

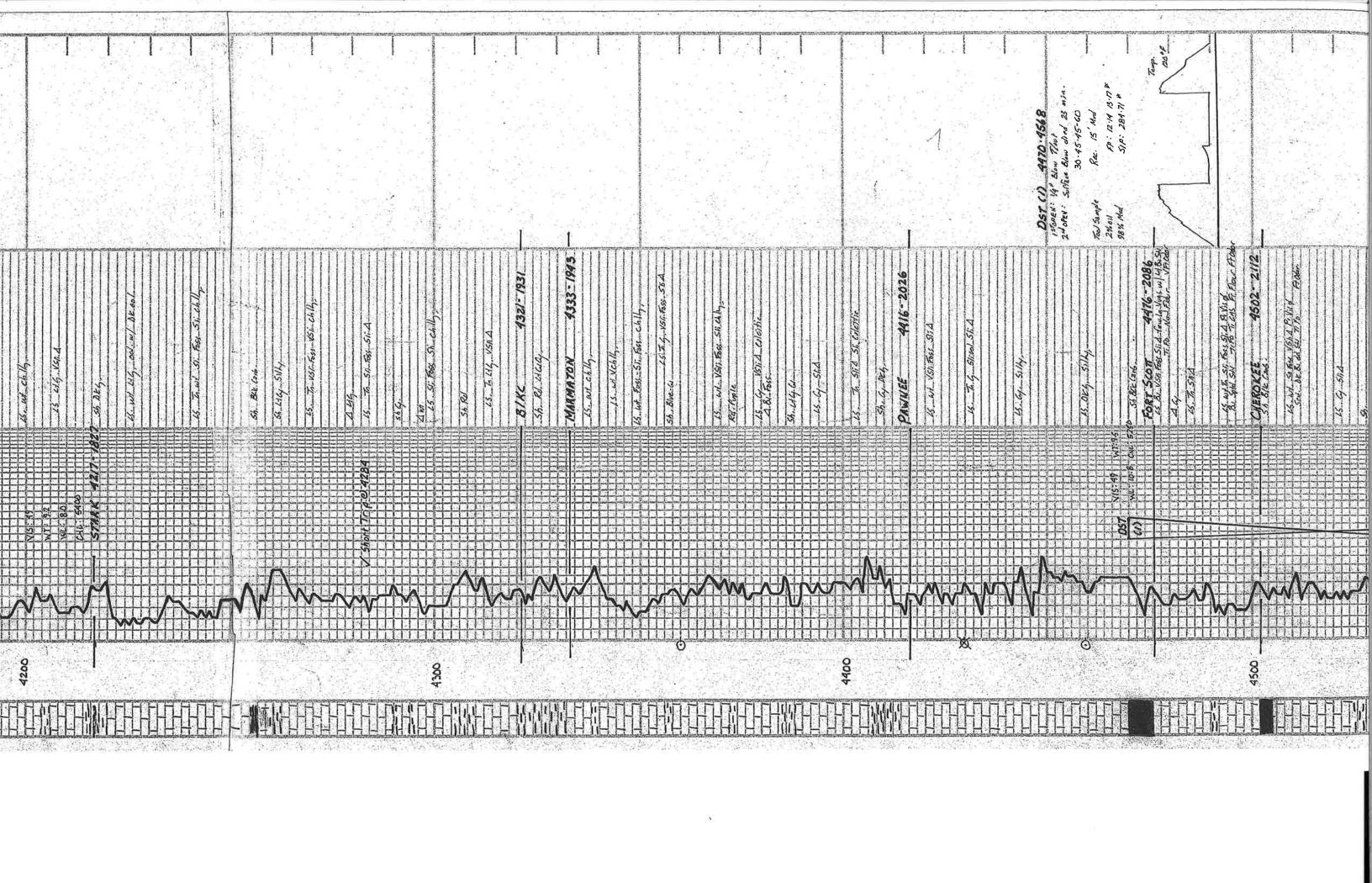


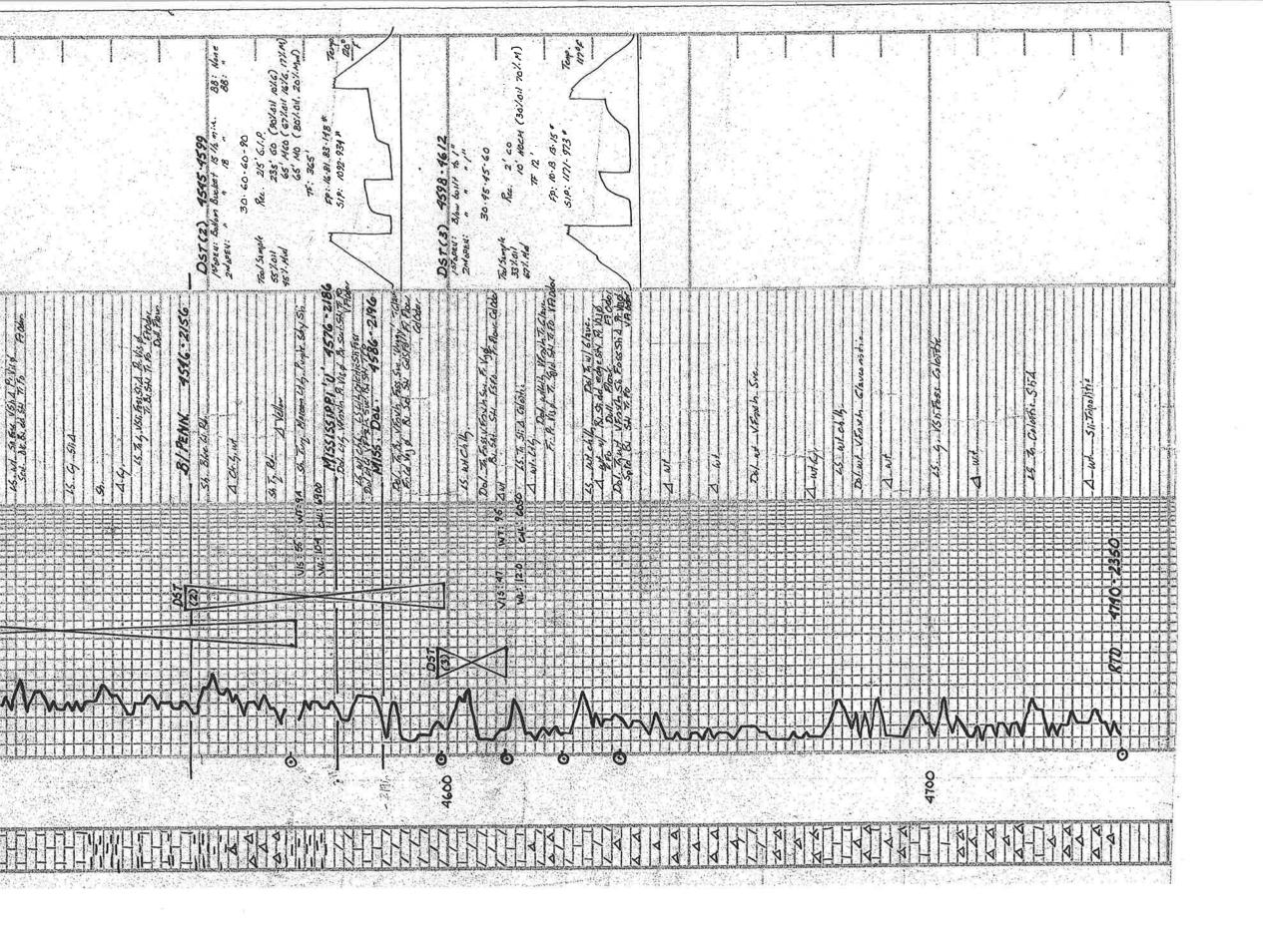














Pump Operator: R Osborn					179/522 182-533	130	0.6 bpm	350 psi	281 bbls			
Cement	ter:		ıngardt		916		rage Rate	Average Pressure	Total Fluid			
		CREW			UNIT	F1000		SUMMARY				
	_											
5 AM	-				drop tool to op[en dv too	l and wait 30 minute	s	The second secon				

					plug did hold							
0 AM 3.0		750.0	111.0		slow rate bump plug750 to 180	0						
4 AM 4.0	+	100.0	100.0		start displacement							
MA 0	+				cement inwash pum	p and lines		war - Telefor Artist - Louis				
4.0	+	450.0	39.0		mix 150 sascks cement							
MAC	-				start cement							
PM			5.0		plug rat hole 20 sacks							
300	.0		3.0		3 fresh							
300	.0		20.0		1000 gal mud flush		ALCO TO THE REAL PROPERTY OF THE PARTY OF TH					
300	0.0		3.0	3.0	3 fresh							
5 AM					start flush	vait on pump from o	akely					
7 1 101					rig up to circulate		akoly					
0 PM	+			•	casing in the hole							
5 PM	-			-	start casing in the hole		· · · · · · · · · · · · · · · · · · ·					
- DM	+				baskets 74,75							
	+				DV Tool 75			and the same of th				
\dashv	+				centalizers,,,,2,3,4,5,6,7,8,	,74	·					
					spot trucks and rig up							
0 PM			-	-	on location job and safety	у			0.0			
E RA	TE	PSI -	BBLs	BBLs	REMARKS -							
			STAGE	TOTAL	Total Sacks:	150 sx		Total Sacks:	0 sx			
placeme	nt:	111.0	bbls		Total Slurry:	39.0 bbls	-	Total Slurry:	0.0 bbls			
Tool Dept	th:	751117-1-1-1-1	ft		Excess:	210 8310	-	Excess:	0 MM13			
ol / Pack	er:				Annular Volume:	0.0 bbls	-	Annular Volume:	0 bbls			
Dept			ft		Depth:	ft	-	Annular Bbls / Ft.: Depth:	bbs / ft.			
ing / Line			in		Yield: Annular Bbls / Ft.:	1.49 ft ³ / sx bbs / ft.	-	Yield:	ft ³ / sx			
sing Dept		4691			Water / Sx:	6.2 gal / sx	_	Water / Sx:	gal / sx			
asing Siz		5 1/2			Weight:	15.0 ppg	_	Weight:	ppg			
Hole Siz ole Dept	-	7 7/8		1	Blend:	H-LD	_	Blend:				
Downhol			Mary Company	1	Calculated Slu	AND AND PERSONS ASSESSMENT OF THE PARTY OF T		Calcul	ated Slurry - Tail			
Field Re	p: Da	alton P	орр		S-T-R:		21s-23w	Service:	2 stage			
	te: Je	etmore	Kansas		County:							
ity, Stat							com 3-16	Ticket:	wp1285			

Bulk #2:

ftv: 15-2021/01/25 mplv: 132-2021/04/06