KOLAR Document ID: 1388670

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:	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.xxxxxx) (e.gxxx.xxxxxx)
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)	Multiple Stage Cementing Collar Used? Yes No
Cathodic Other (Core, Expl., etc.):	
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: 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)
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if fladica offsite.
GSW Permit #:	Operator Name:
_	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
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: 1388670

#### Page Two

Operator Name:						Lease	e Name:				Well	#:	
Sec Tw	/p	_S. R.		East	West	Coun	ty:						
open and closed and flow rates if	I, flowing gas to su ity Log, F	and shu irface tes inal Log	it-in pressu st, along w s run to ob	ires, whe rith final o otain Geo	ether shut-in p chart(s). Attac ophysical Data	ressure reach ch extra she and Final	ached sta eet if mo Electric	atic leve re spac Logs m	el, hydrosta ce is neede	itic pressures d.	s, bottom h	ole tempe	val tested, time tool erature, fluid recovery,
Drill Stem Tests		ets)		Y	′es			Log	Formation	on (Top), Dep	oth and Da	tum	Sample
Samples Sent to		,	ev	ΩΥ	′es		Na	me			Тор	)	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	ı t / Mud L		,	_	res No res No res No								
				Ren	CASING ort all strings se	G RECORD		_	Used	ion etc			
Purpose of St	tring	Size	Hole		ze Casing		eight	llerified	Setting	Type o	f #	Sacks	Type and Percent
Fulpose of St	unig	Dri	lled	Se	et (In O.D.)	Lbs	s. / Ft.		Depth	Cemen	t	Used	Additives
					ADDITIONA	AL CEMENT	TING / SC	QUEEZ	E RECORD				
Purpose:  Perforate Protect Ca Plug Back			epth Bottom	Туре	e of Cement	# Sac	ks Used			Туре	and Percent	Additives	
Plug Off Z													
<ol> <li>Did you perform</li> <li>Does the volum</li> <li>Was the hydrau</li> </ol>	e of the to	tal base f	luid of the h	ydraulic fr	acturing treatme				Yes Yes Yes	No (If N	No, skip que: No, skip que: No, fill out Pa	stion 3)	d 3) of the ACO-1)
Date of first Produ	ıction/Injec	ction or Re	esumed Pro	duction/	Producing Me			٦					
					Flowing	Pump		_ Gas I		Other (Explain)			
Estimated Produc Per 24 Hours			Oil B	lbls.	Gas	Mcf	W	ater	В	bls.	Gas-Oi	l Ratio	Gravity
Vented	OSITION (	Used	on Lease		Open Hole	METHOD (	Dua	LETION	p. Co	mmingled	PF Top		ON INTERVAL: Bottom
(II verite	eu, Subillit i	ACO-16.)	<u> </u>			T							
Shots Per Foot	Perfor To		Perforat Bottor		Bridge Plug Type	Bridge F Set A			Acid	, Fracture, Sho (Amount an	t, Cementing d Kind of Mai		Record
TUBING RECOR	D:	Size:	l	Set At:		Packer At:	:						

Form	ACO1 - Well Completion		
Operator	Lotus Operating Company, L.L.C.		
Well Name	RON PIESTER 1		
Doc ID	1388670		

## All Electric Logs Run

Dual Induction	
Neutron Density	
Frac log	
Micro log	
Sonic	

Form	ACO1 - Well Completion		
Operator	Lotus Operating Company, L.L.C.		
Well Name	RON PIESTER 1		
Doc ID	1388670		

## 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	264	60/40 poz mix	225	2%gel, 3%cc
Production	7.875	5.5	17	4994	AA2		5# Kolseal, 1/4# FloSeal



Prepared For: Lotus Operating Co

100 S Main Ste 420 Wichita, KS 67202

ATTN: Tim Hellman

#### 1 Ron Piester

#### 14-29S-16W Kiowa

Start Date: 2017.10.13 @ 12:49:41
End Date: 2017.10.13 @ 19:44:11
Job Ticket #: 57837 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Lotus Operating Co

100 S Main Ste 420 Wichita, KS 67202

ATTN: Tim Hellman

14-29S-16W Kiowa

1 Ron Piester

Job Ticket: 57837 **DST#:1** 

Test Start: 2017.10.13 @ 12:49:41

#### GENERAL INFORMATION:

Formation: Marmaton

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:16:11 Time Test Ended: 19:44:11

Interval: 4530.00 ft (KB) To 4635.00 ft (KB) (TVD)

Total Depth: 4635.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Inside

Test Type: Conventional Bottom Hole (Initial)

Unit No: 74

Tester:

Reference Elevations: 2035.00 ft (KB)

Leal Cason

2027.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8159

Start Date:

Start Time:

Press@RunDepth: 19.84

4532.00 ft (KB) End Date:

End Time:

2017.10.13

19:44:11

Capacity:

8000.00 psig

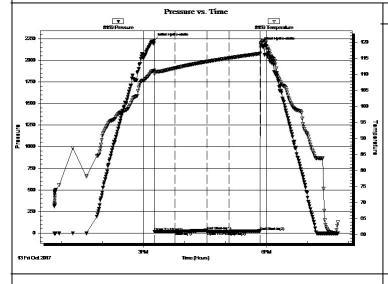
Last Calib.:

2017.10.13

Time On Btm: Time Off Btm: 2017.10.13 @ 15:15:56 2017.10.13 @ 17:51:41

TEST COMMENT: IF: Weak 1/2 inch Blow

ISI: No Blow Back FF: No Blow FSI: No Blow Back



# PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2231.64	111.26	Initial Hydro-static
1	17.77	110.25	Open To Flow (1)
31	18.88	111.98	Shut-In(1)
77	30.86	114.02	End Shut-In(1)
77	19.73	113.99	Open To Flow (2)
110	19.84	115.12	Shut-In(2)
155	26.52	116.50	End Shut-In(2)
156	2185.46	119.64	Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.07

#### Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 57837 Printed: 2017.10.14 @ 14:54:25



**FLUID SUMMARY** 

Lotus Operating Co

14-29S-16W Kiowa

100 S Main Ste 420 Wichita, KS 67202 1 Ron Piester

Serial #:

Job Ticket: 57837

DST#:1

ATTN: Tim Hellman

Test Start: 2017.10.13 @ 12:49:41

#### **Mud and Cushion Information**

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Mud Weight:9.00 lb/galCushion Length:ftViscosity:52.00 sec/qtCushion Volume:bbl

Water Loss: 10.39 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 6000.00 ppm Filter Cake: 0.02 inches

#### **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.070

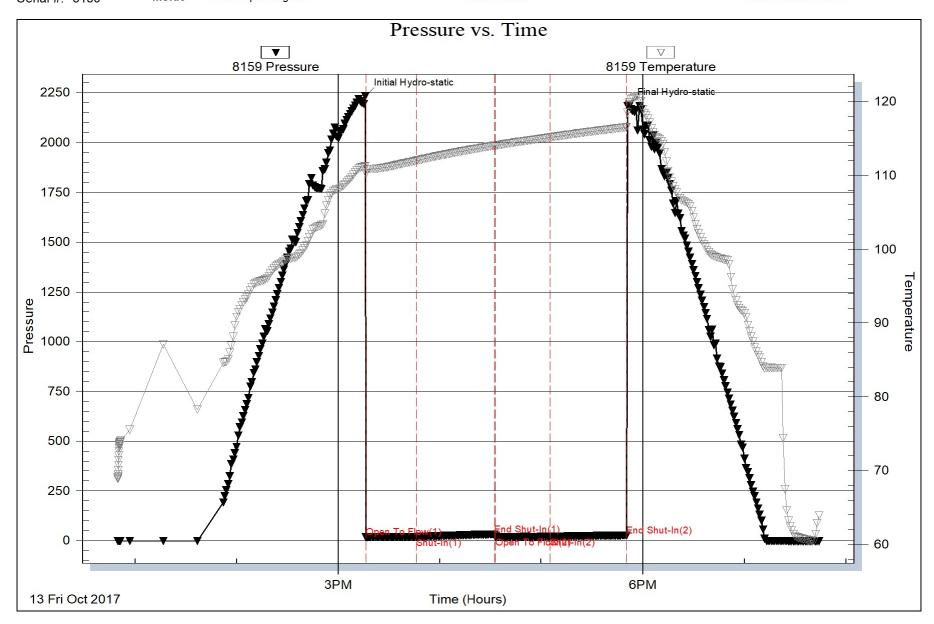
Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 57837 Printed: 2017.10.14 @ 14:54:25



Trilobite Testing, Inc Ref. No: 57837 Printed: 2017.10.14 @ 14:54:25



Prepared For: Lotus Operating Co

100 S Main Ste 420 Wichita, KS 67202

ATTN: Tim Hellman

#### 1 Ron Piester

#### 14-29S-16W Kiowa

Start Date: 2017.10.14 @ 05:15:22 End Date: 2017.10.14 @ 14:33:22 Job Ticket #: 57838 DST #: 2

Trilobite Testing, Inc PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Lotus Operating Co

1 Ron Piester

14-29S-16W Kiowa

Reference ⊟evations:

100 S Main Ste 420 Wichita, KS 67202

Job Ticket: 57838 **DST#: 2** 

2035.00 ft (KB)

2027.00 ft (CF)

ATTN: Tim Hellman Test Start: 2017.10.14 @ 05:15:22

**GENERAL INFORMATION:** 

Formation: Mississippi

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 07:32:07 Tester: Leal Cason Time Test Ended: 14:33:22 Unit No: 74

Interval: 4658.00 ft (KB) To 4700.00 ft (KB) (TVD)

Total Depth: 4700.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8159 Inside

Press@RunDepth: 23.87 psig @ 4659.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2017.10.14
 End Date:
 2017.10.14
 Last Calib.:
 2017.10.14

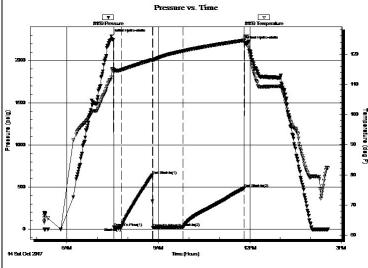
 Start Time:
 05:15:23
 End Time:
 14:33:22
 Time On Btm:
 2017.10.14 @ 07:27:07

Time Off Btm: 2017.10.14 @ 11:49:37

TEST COMMENT: IF: Fair Blow, BOB in 12 minutes

ISI: Weak Surface Blow Back FF: Strong Blow , BOB in 10 seconds

FSI: 1/2 inch Blow Back



		PI	RE SUMMARY	
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2289.01	112.25	Initial Hydro-static
	5	24.95	113.94	Open To Flow (1)
	21	17.29	114.77	Shut-In(1)
,	81	642.76	118.16	End Shut-In(1)
3	82	18.11	118.03	Open To Flow (2)
	142	23.87	121.03	Shut-In(2)
(	262	486.31	124.56	End Shut-In(2)
9	263	2207.53	125.23	Final Hydro-static

Gas Rates

#### Recovery

Length (ft)	Description	Volume (bbl)
0.00	950 GIP	0.00
42.00	GOCM 2%G 10%O 88%M	0.59
* Recovery from mult	tiple tests	

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 57838 Printed: 2017.10.14 @ 14:53:40



**FLUID SUMMARY** 

Lotus Operating Co

14-29S-16W Kiowa

100 S Main Ste 420 Wichita, KS 67202 1 Ron Piester
Job Ticket: 57838

DST#: 2

ATTN: Tim Hellman

Test Start: 2017.10.14 @ 05:15:22

#### **Mud and Cushion Information**

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 52.00 sec/qt Cushion Volume: bbl

Water Loss: 10.38 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 6000.00 ppm Filter Cake: 0.02 inches

#### **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
0.00	950 GIP	0.000
42.00	GOCM 2%G 10%O 88%M	0.589

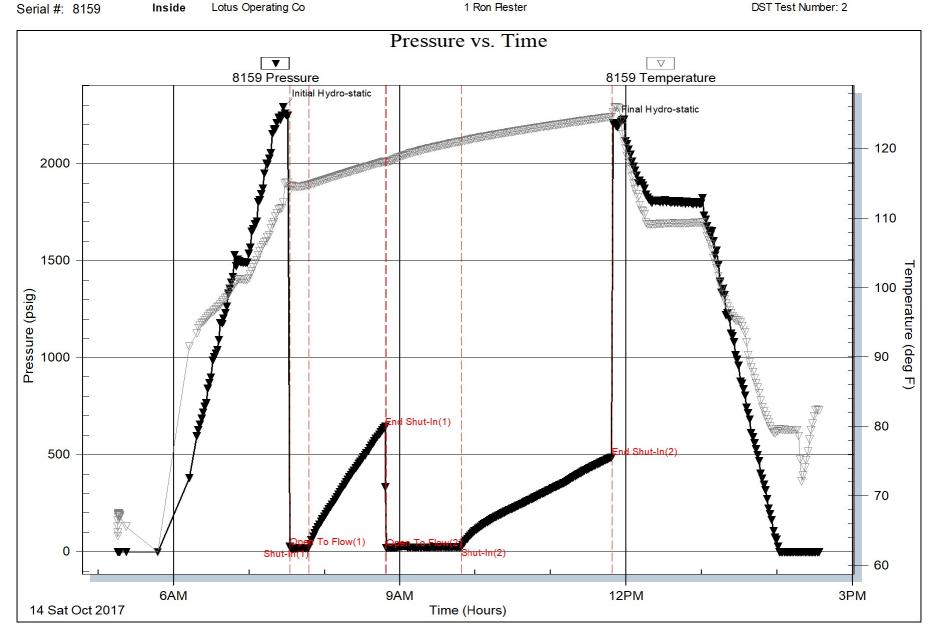
Total Length: 42.00 ft Total Volume: 0.589 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 57838 Printed: 2017.10.14 @ 14:53:40



Trilobite Testing, Inc Printed: 2017.10.14 @ 14:53:40 Ref. No: 57838



Ī	PAGE	CUST NO	YARD #	INVOICE DATE
İ	1 of 1	1002427	1718	10/09/2017
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		925	38466	

Pratt

(620) 672-1201

B LOTUS OPERATING CO. LLC

1 100 S MAIN ST STE 420

\_ WICHITA

KS US

67202

т o ATTN:

ACCOUNTS PAYABLE

LEASE NAME

Ron Piester

#1

LOCATION

COUNTY

Kiowa

STATE

JOB DESCRIPTION Cement-New Well Casing/Pi

JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE	ORDER NO.		TERMS	DUE DATE
41060955	86779				Net - 30 days	11/08/2017
	<u> </u>		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Date	s: 10/07/2017 to	10/07/2017				
0041060955						
A. Control of the Con	nent-New Well Casing/	Pi 10/07/2017				i
Cement 8 5/8" S	urface Casing					
60/40 POZ			225.00		5.64	· ·
Calcium Chloride Celloflake			582.00 57.00		0.49	287.22 T
	(PU, cars one way)"		30.00		1.74 2.12	99.12 T 63.45
Heavy Equipment			60.00		3,53	211.50
	Del. Chgs., per ton mil		291.00	EA	1.17	341.92
Depth Charge; 0-6			1.00		470.00	470.00
Blending & Mixing	or, first 8 hrs on loc.		225.00 1.00		0.66 82.26	148.05 82,26
GL#	9208 60. <u>Cemen</u>					
DES	SC. Comen	1				
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WE	LL#Piest	ENTER	E.D			
		OCT 19				
PLEASE REMIT	TO: QE	ND OTHER CORRES	PONDENCE TO	.		

BASIC ENERGY SERVICES,LP
PO BOX 841903
BALLAS,TX 75284-1903
BASIC ENERGY SERVICES,LP
801 CHERRY ST, STE 2100
FORT WORTH, TX 76102

SUB TOTAL

TAX

2,972.52 124.15

INVOICE TOTAL

3,096.67



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

TAY	FIELD SERVICE TICKE 1718 15510	T

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DATE OF JOB	7-17	DIS	TRICT Patr			NEW 🔀 🤾	WELL	PROD INJ	J MDW [	⊃ SH	STOMER IDER NO.:	
CUSTOMER L.	ins	روما	ATING CUMP	arry		LEASE 17	Un	Piesre			WELL NO.	
ADDRESS						COUNTY M			STATE 1			
CITY		4.44	STATE			SERVICE CF	REW M	ATTAI,	Graves,	05	BUIN	,
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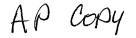
SERVICE REPRESENTATIVE M. H. MUTTAL THE ABOVE MATERIAL AND SERVICE
ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



# TREATMENT REPORT

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Lease Un	Pies	NOV					1					10	- 7	-17	,		
Field Order #	Station	n / P /	1 U T 7	•				Casing	8 S/8 Depth	263	Count	y WI			State M	5	
Type Job	2-42	85,	8 5	414	416				Formation				Legal De	escription	795-	16	
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Max-Press	Max Pres	s l	From		То	•	Frac	Apr.		Avg			<i>y</i>	. 15 Min.			
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OCT 20 2017

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1002427	1718	10/18/2017

#### INVOICE NUMBER

92546998

Pratt

(620) 672-1201

B LOTUS OPERATING CO. LLC

I 100 S MAIN ST STE 420

~ WICHITA

KS US

67202

o ATTN:

ACCOUNTS PAYABLE

LEASE NAME

Ron Piester

#1

LOCATION

В COUNTY

S

Kiowa

STATE

JOB DESCRIPTION Cement-New Well Casing/Pi т

JOB CONTACT

171813995A Cement-New Well Casing/Pi 10/16/2017 Cement-5 1/2' Longstring  AA2 Cement 60/40 POZ	јов #	EQUIPMENT #	PURCHASE	ORDER NO.		TERMS	DUE DATE
For Service Dates: 10/16/2017 to 10/16/2017  D041063304  171813995A Cement-New Well Casing/Pi 10/16/2017  Cement 5 1/2* Longstring  AA2 Cement 150.00 EA 7.99 1,198.50 T 60/40 POZ 30.00 EA 5.64 169.20 T 61.11 T 66.00 EA 1.74 66.08 T 66.00 EA 1.74 66.08 T 66.00 EA 1.74 66.08 T 66.00 EA 1.88 67.88 T 68.00 EA 1.74 66.08 T 66.00 EA 1.88 67.88 T 795.00 EA 0.23 166.82 T 795.00 EA 0.23 166.82 T 795.00 EA 0.23 166.82 T 751.00 EA 3.52 398.32 T 675.00 EA 0.31 236.49 T 751.00 EA 169.20 169.20 T 69.20	41063304	86779				Net - 30 days	11/17/2017
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BASIC ENERGY SERVICES,LP
PO BOX 841903 B01 CHERRY ST, STE 2100
DALLAS,TX 75284-1903 FORT WORTH, TX 76102

SUB TOTAL TAX

5,453.89 201.13

INVOICE TOTAL

5,655.02

BASIC\*

ENERGY SERVICES

PRESSURE PUMPING & WIRELINE

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

# FIELD SERVICE TICKET

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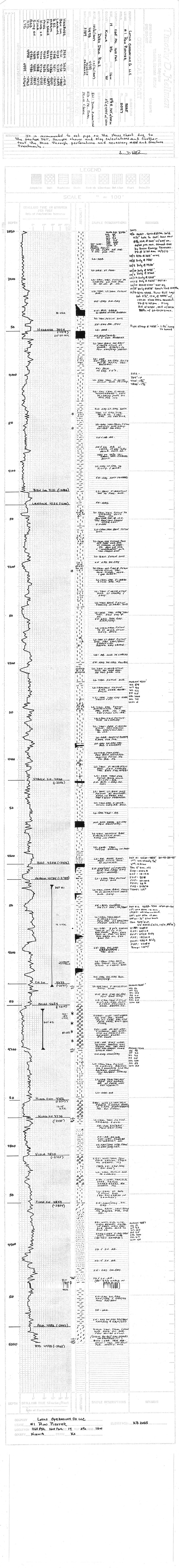
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((129	RELEASED  CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).  The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, study, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No adultional or substituting terms and/or conditions shall be a part of this contract without the written consent of an officer of Basic Energy Services LP.  SIGNED:  WELLOWIER, OPERATOR, CONTRACTOR OR AGENT)  MPRICE REF. NO.  MATERIAL, EQUIPMENT AND SERVICES USED  WINT QUANTITY UNIT PRICE  AMOUNT  MORE REF. NO.  A2 Coment  SK 150-  250-											
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FIELD SERVICE OFDER NO.



# TREATMENT REPORT

	87 2		• D, E.X.											
Customer	s Oper	alien	Camo	Lease No.	•				Date					
Lease	Piest	• (		Well #					1 ,	011	11	17		
Field Order	# Statio	n Produ	1 15			Casing	Dep	oth 1998.34	County	Kin	1111		Stat	e <sub>K</sub> s
Type Job	Long <	tild			24	-	Formation	ón	/		Legal De	escription	16	
PĮP	E DATA	' 10"	FORATING	G DATA		FLUID (	JSED		7	REAT		RESUME		
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Depth //COC 7	Depth	From	То		Pre F	ad		Max				5 Min.		
Volume //5, 96/	5 Volume	From	То		Pad			Min				10 Min.		
Max Press	Max Pres	s From	То		Frac			Avg				15 Min.		
Well Connecti	on Annulus	Vol. From	То					HHP Use	d			Annulus	Pressu	re
Plug Depth	Packer D	epth From	То		Flush			Gas Volu	me			Total Loa	id	
Customer Re	presentative	WO		Station	Manag	jer 1 la les	termo.	n	Treat	ter. 5/15/	46	ane	ς.	,
Service Units	ļ ' -	78982	86779			3768								
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Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov

Governor Jeff Colyer, M.D.

Shari Feist Albrecht, Chair Jay Scott Emler, Commissioner Pat Apple, Commissioner

February 14, 2018

Tim Hellman Lotus Operating Company, L.L.C. 100 S Main St, Ste 420 Wichita, KS 67202-3737

Re: ACO-1 API 15-097-21828-00-00 RON PIESTER 1 SW/4 Sec.14-29S-16W Kiowa County, Kansas

Dear Tim Hellman:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 10/6/2017 and the ACO-1 was received on February 13, 2018 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

**Production Department**