KOLAR Document ID: 1486365

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:	SecTwpS. R East West
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: 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)
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 haid disposal in hadica 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: 1486365

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	Ised Type and 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	ELK Energy Holdings LLC
Well Name	LIPPELMANN #8-14
Doc ID	1486365

All Electric Logs Run

DIL	
CPI	
MEL	
DUCP	

Form	ACO1 - Well Completion
Operator	ELK Energy Holdings LLC
Well Name	LIPPELMANN #8-14
Doc ID	1486365

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	303	Class A	250	2%
Production	7.875	5.5	15.5	4698	OWC, 60/40	600	8%gel

FRANKS Oilfield Service, LLC

Invoice

815 Main Street Victoria, KS 67671

Office (785) 639-3949 24 Hour Service Line (785) 639-7269

Date	Invoice #
10/23/2019	0106

Email: franksoilfield@yahoo.com

Bill To

Elk Energy Holding, LLC
2250 N. Rock Road
STE 118-107
Wichita, KS 67226

Please Pay from this Invoice.
Remit Payment to:
815 Main Street
Victoria, KS 67671
Billing Questions-Call Tianna at
(785) 639-3949

County/State	Lease/Well#	Terms	Job Type
Thomas Co., KS	Lippelmann 8-14	Net 30	Surface

Descript	ion	Quantit	y R	ate	Amount
Pump Charge Mileage 12.37 Tons at 40 Miles Surface Blend 30% Discount			1 40 494.8 250	1,150.00 6.50 1.50 24.50 -2,483.16	1,150.00 260.00 742.20 6,125.00 -2,483.16

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.	Subtotal	\$5,794.04
We appreciate your busines and look	Sales Tax (8.0%)	\$343.00
forward to serving you again!	Balance Due	\$6,137.04

FRANKS Oilfield Service

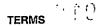
♦ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269

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٠	Email	: fra	nksoi	lfiel	d@ual	non cor

TICKET NUMBER_ LOCATION HOXIE

Office Phone (785) 639-3949	◆ Email: franksoilfield@yahoo.com

		FIE	LD TICKET	TREAT CEMEN	rent ref	PORT		11/5
DATE	CUSTOMER#	WELL	NAME & NUMI		SECTION	TOWNSHIP	RANGE	COUNTY
16/23/4	 -	Linnela	200 8-1	۷/	105	334	 	
ÇUSTOMER,		$= \eta_2 \rho \epsilon_1 \gamma$	~/// ()/	Ochlerks		1700	334	Thomas
<u> </u>	MAIGY			WHORF	TRUCK #	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	35 7			West to	P/	Jach T		
OIT (<u>.</u>	Toran	Tené	15 Edy	B3	Mits		
CITY		STATE	ZIP CODE	Tho	CTI	Preston D		
		<u> </u>	<u></u>] _				
JOB TYPE <u>\$1</u>	urtace	HOLE SIZE 1	225	HOLE DEPTH	_ <i>3</i> 23′	CASING SIZE & W	EIGHT 85	V 23#
CASING DEPTH	<u>303/</u>	DRILL PIPE		_TUBING		 -	OTHER	
SLURRY WEIGH	r_14,8	SLURRY VOL _	1,4	WATER gal/si	<	CEMENT LEFT in (CASING \overline{z}	o'
DISPLACEMENT	13665	DISPLACEMENT	T PSI	MIX PSI		, RATE		
REMARKS:	ofery M	eeting an		pon		ling Ris#1		ate LASINS
<u> </u>	50 St Su	- Garables	ul CKSS	A 3%	10 225el	dis place	1866/5	Water
Shuti	~ Ceme	at did		rentale			 	
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			-	ω'.				
ACCOUNT	QUANTITY	or LINITO		-	SERVICES DD	ODUOT.		
CODE	QUANTITY	OF UNITS	DE	SCRIPTION OF	SERVICES or PR		UNIT PRICE	TOTAL
12002	1		PUMP CHARG	iE			1150.00	1/50,00
Mo0/	4	10	MILEAGE				6,50	260,00
MOOZ	12.	37 Tons	Ton M	A4 460 6	deliver		1,50	742,20
CB 004	2:	50 SX	Surface	Blend	,		74.50	6125,00
•								
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							Ju6 to led	86/7,20
			'			1005 30%		2483,16
					<u> </u>		S46. 20121	5794.04
		+				·		<u> </u>
				4		-	SALES TAX	34300
	1 2-	,/			_ _		ESTIMATED	1 124 121
	11 011	1			•		TOTAL	W.151.04
UTHORIZATION	MUO 11	41		TITLE			DATE	



In consideration of the prices to be charged for Franks Oilfield Service (FOS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay FOS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event FOS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by FOS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All FOS prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by FOS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

- (a) FOS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of FOS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.
- (b) Unless a claim is the result of the sole willful misconduct or gross negligence of FOS, Customer shall be responsible for and indemnify and hold FOS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by FOS; (3) injury to or death of persons, other than employees of FOS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hold; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. FOS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools. Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

- (c) FOS makes no guarantee of the effectiveness of any FOS' products, supplies or materials, or the results of any FOS' treatment or services.
- (d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, FOS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by FOS. FOS' personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that FOS shall not be responsible for any damage arising from the use of such information except where due to FOS' gross negligence or willful misconduct in the preparation or furnishing of it.
- (e) FOS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that FOS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify FOS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

FOS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. FOS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of FOS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to FOS or, at FOS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against FOS for any special, incidental, indirect, consequential or punitive damages.

FRANKS Oilfield Service, LLC

Invoice

815 Main Street Victoria, KS 67671

Office (785) 639-3949 24 Hour Service Line (785) 639-7269

Date	Invoice #
10/30/2019	0108

Email: franksoil field @yahoo.com

Bill To

Elk Energy Holding, LLC
2250 N. Rock Road
STE 118-107
Wichita, KS 67226

Please Pay from this Invoice.
Remit Payment to:
815 Main Street
Victoria, KS 67671
Billing Questions-Call Tianna at
(785) 639-3949

County/State	Lease/Well#	Terms	Job Type
Γhomas Co., KS	Lippelmann #8-14	Net 30	2 Stage

5	0	Dele	A
Description	Quantity	Rate	Amount
Pump Charge	1	2,500.00	2,500.00
Mileage	45	6.50	292.50
31.1 tons at 45 miles	1,399.5	1.50	2,099.25
60/40 88 gel 1/6 # flo	430	17.35	
Thixo blend OWC	200	28.55	
5-1/2" Centralizers	9	80.00	720.00T
5-1/2" Basket	3	385.00	1,155.00T
5-1/2" Guide Shoe AFU	1	600.00	600.00T
5-1/2" Latchdown Plug & Assembly	1	695.00	695.00T
5-1/2" DV Stage Tool	1	6,000.00	6,000.00T
5-1/2" Reciprocating Scratchers	32	75.00	
30% Discount		-8,889.67	-8,889.67

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.	Subtotal	\$20,742.58
We appreciate your busines and look	Sales Tax (8.0%)	\$1,385.47
forward to serving you again!	Balance Due	\$22,128.05

FRANKS Oilfield Service

♦ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269

♦ Office Phone (785) 639-3949

				-,	
•	Email:	frank	soilfie	eld@val	100.COT

FOREMAN 7

		FIEI	LD HOKE	CEMEN	IMENIKEP T	ORI		//s
DATE	CUSTOMER#	WELL	NAME & NUM		SECTION	TOWNSHIP	RANGE	COUNTY
10-30-19		Libblen	ran 8-1	4	14	105	33W	Thomas
CUSTOMER	nersy			Oahley his		T DDWED		
MAILING ADDRE	SS SY			WECKF WECK73	TRUCK#	DRIVER	TRUCK#	DRIVER
				11%5 -		Port D	103	
CITY		STATE	ZIP CODE	Etivinto	101	Jack T		
ι,					102	Ja cu		· · · · · · · · · · · · · · · · · · ·
JOB TYPE 2	Stage	HOLE SIZE	7 7/8"	J HOLE DEPTH	4704	CASING SIZE & W	FIGHT -5 4	~ 1 17 /#
CASING DEPTH	. 12	DRILL PIPE		_TUBING		or lond of the different		262 7657
		SLURRY VOL 1	51/239	WATER gal/sl		CEMENT LEFT in (***	<u> </u>
DISPLACEMENT		DISPLACEMENT	PSI 2000/1800) MIX PSI	·	RATE _		-
remarks: S		extone and			dr. Hins	D Hu	Quain 11	Truts
Centrialza		5,8,10,1		18 Marks		V Rashetson	4 4	21.51
Du had to	rof 31+51	@ 2457	C.rcalale	V13 103			lush 2066	BUCL Water
	our Schanen	er and 157	S. @ 14.8 "	,	1 1.		x 18/2000	alux disi
	ar 58661				ded theld Q		Hate 3/15	Phone 500
	lush mix 4					a1	-	epling displa
63/266K	huater w	ith goods			Les Shut		95h up R	c. down
								3
3000 R	H					thanl	15 Milas	- Crea
	15 on July	511,12,13	14,15,16	17:18				
ACCOUNT CODE	QUANTITY	or UNITS	DE	SCRIPTION of	SERVICES or PRO	DDUCT	UNIT PRICE	TOTAL
PC 004			PUMP CHARG	F			2500,00	7500,00
mool		45	MILEAGE			**	200. 300.	292,50
MOOR	31	1 Tons	Ton in	tare 1	aliver.	· · · · · ·	1,50	2099.25
CBOZI	4	30 Sx	Colina	1 /	blen		17.35	7440,50
CB030		2005x	Ouc 51	115#	<u> </u>		28.55	57/0.00
FE013	<u></u>	9	572" Cen	10-1	141 3m.		80.00	720.00
FEBZZ		\frac{1}{2} \frac{1}{2} \frac	5/2" Bas		·		315,00	1155,00
F 033			5/2" Gui	1: cl .			600,00	600.00
E OSI		1	510 Gu	1 / har	olustassen	<u> </u>	695, ou	695,00
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FE OS		<u> </u>	310 00	Stary to	اربر		4000. W	6000,00
15 096		32	512" R.	PCiPIUCati	Es Scrat	ches	75	2400.00
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				 -		2 6 1	Subbolat	29432,25
		-	<u></u>	_	<u>1-</u>	ess 308ds	Coms	8889,67
	-	_	 			-	Subbola	20742,52
	_							
			-			<u>-</u>	<u>.</u>	
	_			,			041.50.50	100 - 100
	1					-	SALES TAX ESTIMATED	1,385.47
							TOTAL	22,128.05
ITHODIZATION	,			TITI E			DATE	

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- (c) FOS makes no guarantee of the effectiveness of any FOS' products, supplies or materials, or the results of any FOS' treatment or services.
- (d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, FOS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by FOS. FOS' personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that FOS shall not be responsible for any damage arising from the use of such information except where due to FOS' gross negligence or willful misconduct in the preparation or furnishing of it.
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Customer waives and releases all claims against FOS for any special, incidental, indirect, consequential or punitive damages.

Opera	itor	Elk Fn	ergy Ho	oldin	as L1 (2			Mur	fin R	ig# 110	Pusher		Ricky Hil	gers		
	lame/No	Lippeli	mann #	8-14							<u> </u>			058-00-00	Well C	ode #	13
Legal			NL 996	FWL	Secti							County	Т	homas		State	KS
	(# & Size)						0/19	Dril	l Pipe					Jennifer Hawthorne			
	Pump				onal K	380		Fire		Liner & Stroke 6X14 tion 3,144 G.L. 3,149 K.B.				8	Spud 5:3		/23/2019
Appro	x. TD Moved		48	5,3		st \$		⊨lev	ation Hrs		Trucks	3,149 3 Rainbow	K.B.	rucke Dia	TD 1:4	10 AM 10	/29/2019
	on Hand To	nday	1,20	0	1,0		3,6	333	3,2		2,911	2,561	2,198	1,954	1,710	JO AIVI TO	70172018
	Delivery Da		1,20	J	1,0	.UZ	3,0	,00	3,2	74	2,311	2,001	2,130	1,904	1,710		
Date.	January Du		10/23/	/19	10/2	4/19	10/2	5/19	10/20	6/19	10/27/19	10/28/19	10/29/19	10/30/19	10/31/19	11/01/19	11/02/19
	nt Activity.		1-Spi		2-W			Orlg	4-D		5-Drlg	6-Drlg	7-Drlg	8-LDDS			
Total	Depth.				30			80	3,2		3,674	4,146	4,580	4,700 TD			
	ge Cut In 2	4 Hrs.			30			377	1,0		469	472	434	120	0		
	g Time.				3.2			2.5	18		13.75	19.25	23	6.75	0		
	Time.				0.14)	5		9.25-	.25-Dwks	0	0	0		
	any Time.				8-W			-Jet	35,0		1-Disp	39,000	1/4 38,000	17 1/4	19		
Bit Wi					10,0	000		000 0	35,0		35,000 85	38,000 85	38,000 85	38,000 85	0		
Press					40			50	70		650	700	875	900	0		
SPM.					6		6		60		60	60	60	60	0		
	n Mud Cos	t.			N		2,1		2,1		11,582	11,582	11,582	12,286	12,286		
Mud V					8.			.0	9.		8.8	9.1	9.3	9.3	9.3		
	el Viscosity	<i>'</i> .			2		2	8	29		65	58	56	53	53		
	Loss.				N			-	N:		7.2	7.2	7.2	7.2	7.2		
Cloric					N			-	50		750	750	750	750	750		
	. & P.H.				0#/0		Tr	/ -	-		4#/ 11.5	3#/ 10.5	3# / 10.5	3# / 10	0		
	tion Survey				1*-3		Col	line	Tell	20	- Dumn	- Hand Tools	D Daint-	1.25-4700			
	/ Meeting T Bit Hours.	opic.			Rig 3 1		22	line	Tri 40		Pump 54 1/4	73 1/2	96 1/2	LDDS 103 1/4	Rig Dow	I	
Forma						ace		-Sh	Sd-		Sh-Lm	Lm-Sh	96 1/2 Sh-Lm	Sh-Lm	Sh-Lm		
Weath					P/			/ C	Cle		P/C	P/C	P/C	Snow	Clear		
												Cum					
No	Size		Mfg		Ту	ne	0	ut	F	t	Hrs	Hrs	ROP	Serial #		Bit Jet S	Size
1	12 1/4		STC		To			03	30		3 1/4	3 1/4	93	RH-9560		3-15'	
2	7 7/8"		Smith		F2			'00	4,3		103 1/4	106 1/2	43	RL-1817		3-15'	
	Bit totals ar	nd over	rall non	otra	tion r	ato av	erage		4,7	00	106 1/2		44				
									•	00			•			_	
	Depth	Si			cks	(terial			Down		ed Out		Remarks	
	t @ 303' @ 4698'		" 23# 15.5#		50 00	First o		ss A 2		000		10/23/19	7:00 am	10/24/19.		nented By: F mented By F	
Set	W 4090	0 1/2	13.5#						5# Ko			10/30/19.				Tool set @	
	-		1. 4							-01 1/						1 5 51 551 00	
No	Zone		Interv	al		Open	Shut	Open	Shut					Recovery			
	ce Casing	Jts	7		23		Tally		296.28			ction Casi				5.5# Tally	4703
	ng Co		Pione			LTD		04			#### 10		Compl			0/30/2019	
	nents:										uled By: S					ell pumped b	y WW
	ped & Weld													jen, WW li		oump	
	cement con Short trip # 1													k tank is u BOP used	seu		
	PM on 10-2												INU	or used			
	llar set slips										Jonny Set (<u>w</u> ∓000,					
Accid		and to	ai GOWI		, , 5,50	334 <u>u</u>	00	GIII I	3, 3 1/ 1	J.							

Opera	itor	Elk En	ergy Holdir	ngs LLC	;			Murfin	Rig# 110	Tool Pus	her	Ricky Hil	gers		
Well N	lame/No	Lippelr	mann #8-14					_1				1058-00-00		ode #	13
Legal	Desc	965 FN	NL 996 FW	L Section	on 14	-10s-3	33w			County	-	Thomas		State	KS
DC's	# & Size)		16 Ck	Date	7/20)/19	Drill	Pipe Jts	162	KCC Rep		Jei	nnifer Hav	vthorne	
Make	Pump		Nat	ional K	380			Liner	& Stroke		6X14	5	Spud 5:3	30 PM 10	/23/2019
Appro	x. TD			300			Elev		3,144 G.L .	3,149	K.B.		TD 1:4		/29/2019
Miles	Moved		48	Cos	st \$			Hrs 9	Trucks	3 Rainbow	//3 WW T	rucks Ri ç	Rls 2:0	00 AM 10	/31/2019
Fuel C	Name/No Desc (# & Size) Pump ox. TD Moved On Hand To Delivery Da	day.													
Fuel D	Delivery Da	te.													
Date.			11/3/19	11/4	/19	11/	5/19	11/6/19	11/7/19	11/8/19	11/9/19	11/10/19	11/11/19	11/12/19	11/13/19
Curre	nt Activity.														
Depth	ge Cut In 2 gg Time. Time. any Time.														
Foota	ge Cut In 2	4 Hrs.													
Drillin	g Time.														
Down	Time.														
Comp	any i ime.														
Bit Wi	<u>. </u>														
Proce	uro														
Press SPM.	ure.														
Accur	n Mud Cos	+													
Mud V	Nt	ι.													
Funne	Vt. el Viscosity Loss. les.	,													
Water	l oss.	•													
Cloric	les.														
L.C.M	. & P.H.														
Devia	tion Survey	<i>1</i> .													
Safety	/ Meetina T	opic.													
ACC E	Bit Hours.														
Forma	tion Survey / Meeting T Bit Hours. ation.														
Weath	ner.														
										Cum				•	•
No	Size		Mfg	Тур		0	ut	Ft	Hrs		Rop	Serial #		Bit Jet S	Sizo
140	OIZE		wiig	1 71	,,,		ut	1.	1113	1113	IXOP	Octial #		Dit set t	JIZE
E	Bit totals ar	nd over	all penetra	ation ra	te av	erage)								
	Depth	Si	70 9	acks		Como	nt Ma	terial	Dlug	Down	Drill	ed Out		Remarks	
	Бер ш	31,	26 36	ICKS	<u> </u>	Cenne	III IVIA	lenai	Flug	DOWII		eu Out		Remarks	
Ma	7		lusta maral									Deces			
No	Zone		Interval		Open	Shut	Open	Shut				Recovery			
Surfa	ce Casing	Jts	Wt			Tally			Produc	ction Casi	ng Jts		Wt	Tally	
Logai	ng Co nents: & Welded I	3.5			LTD			Start		Judi	Comp				
Comn	nents:	Surfac	ce Casing		_	:						ater Info:			-
Strap	& Welded	By:													
Accid	ents:														

Opera	Name/No Desc (# & Size) Pump ox. TD Moved On Hand To Delivery Da	Elk En	ergy Holdin	gs LLC			Mur	fin R	ig# 110	Tool Pus	her	Ricky Hi	lgers			
Well N	lame/No	Lippeli	mann #8-14									21058-00-0		II Co	de#	13
Legal	Desc	965 FI	VL 996 FWI	Section	14-10	0s-33w				County		Thomas			State	KS
DC's ((# & Size)		16 Ck	Date 7	/20/1	9 D r	ill Pipe			KCC Rep		Je	nnifer	Haw	thorne	
Make	Pump			onal K 3 80		<u>_</u>			Stroke		6X14		Spud			/23/2019
Appro	x. TD			800		Ele			44 G.L.	3,149	K.B.				5 PM 10	/29/2019
Miles	Moved		48	Cost	\$		Hrs	9	Trucks	3 Rainbow	//3 WW	Trucks Ri	g RIs	2:0	0 AM 10	/31/2019
Fuel C	On Hand To	day,														
Fuel D	Delivery Da	te.														
Date.			11/14/19	11/15/1) 1	1/16/19	11/1	7/19	11/18/19	11/19/19	11/20/	19 11/21/19	11/22	2/19	11/23/19	11/24/19
					_											
Depth	ge Cut In 2 g Time. Time. any Time.	4.11					+						+			
Foota	ge Cut in 2	4 Hrs.					+						+			
Drillin	g rime.															
Comp	nine.															
Bit W	any mine.															
Bit Wi					+		+						+			
Press	ure.															
SPM.	4.0.															
Accur	n Mud Cos	t.														
Mud V	Vt. el Viscosity Loss. les.															
Funne	el Viscosity	·.														
Water	Loss.															
Clorid	les.															
L.C.M	. & P.H.															
Deviti	on Survey. / Meeting T Bit Hours. ation.															
Safety	/ Meeting T	opic.														
ACC E	Bit Hours.															
Forma	ation.															
Weath	ner.												<u> </u>			
										Cum						
No	Size		Mfg	Type		Out	F	t	Hrs	Hrs	Rop	Serial #			Bit Jet S	ize
					-											
					-		+						-			
	Bit totals ar	ıd over	rall penetra	tion rate	avera	age	+						1			
		l .								_						
L	Depth	Si	ze Sa	cks	Ce	ment M	ateriai		Plug	Down	Dri	lled Out	+		Remarks	
	7.		lock o									D				
No	Zone		Interval	Op	n SI	hut Ope	n Shut					Recovery				
Surfac	ce Casing	Jts	Wt		Ta	ally	•		Produc	ction Casi	ng Ji	s	Wt		Tally	
Loggi	ng Co nents: & Welded I			LT	<u> </u>		Start				Com	plete				
Comn	nents:	Surfac	ce Casing S	Supplied	Зу:							Vater Info:				
Strap	& Welded	Ву:														
A = = ! -!	- mto -															
Accid	ents:															

0	FILE FOR A SHALLING THE LAND	Marrier Diag	440 T I D-	-b Distriction	_	
Operator	Elk Energy Holdings LLC	Murtin Rig#	110 Tool Pu	sher Ricky Hilger	S	
Well Name/No	Lippelmann #8-14		API#	15-193-21058-00-00 V	Vell Code #	13
Operator Well Name/No Legal Desc Additional com	965 FNL 996 FWL Section 14-10s-33w		County	Thomas	State	KS
Additional com	nents:					

