KOLAR Document ID: 1461956

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: 1461956

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo		# Sacks Use		EEZE RECORD	Typo a	ad Paraant Additivas	
Perforate Protect Ca Plug Back	Top	Bottom	Type of Cement		# Sacks Use	,u	Type and Percent Additives			
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Pumping				ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	Mcf	Wate	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole		Dually		nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)				
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Lotus Operating Company, L.L.C.
Well Name	GOOD 3
Doc ID	1461956

All Electric Logs Run

Dual Induction	
Neutron / Density PE	
Micro	
Frac	
Sonic	

Form	ACO1 - Well Completion
Operator	Lotus Operating Company, L.L.C.
Well Name	GOOD 3
Doc ID	1461956

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	268	60/40 poz mix	170	2% gel, 3% cc
Production	7.875	5.5	14	5205	ASC blend	175	Flo- seal/Kol- seal

3856 3858 -2384 4372 4331 -2407 4374 4371 -2407 4426 4624 -3160 4753 4753 -3288 4760 4366 -3316 4806 4805 -3414 5178 5170 -3714 5316 5319 -3855 5606 5605 -4141 5625 -4141 REMARKS DOE TO CALCULA YLOUS FLOG CALCULA YLOUS FLOG CALCULA YLOUS REMARKS DOE TO CALCULA Y	TUE SAME PIPE WA	HELD HARDYNER FIELD HARDYNER LOCATION 1100'EST 1230'EWL SEC 36 TWSP 345 RNG 13W COUNTY BARBER COUNTY BARBER STATE KS PROD. 51/2'C 5205'-1/35 SPUD 3129 19 COMP. 415119 ELI - DUAL TWD STATE KS NEUTRON DENSITY WITH WITH	ELEVATIONS REPOSITIONS TEST THE MISS RELY ACID and ERACTURE
Anhydrite Salt Sandator DRILLING TIME IN MINUTES	LE LE Shale C	التربيب المستطيعة المستطيعة المتالكة المتالكة المتالكة المتالكة المتالكة المتالكة المتالكة المتالكة المتالكة ا	ΔΔΔ
DRILLING TIME IN MINUTES PER FOOT Rate of Penatration Increases DEPTH 5" 10" 15" 20" 25"	LIÎHOTOGA	SAMPLE DESCRIPTIONS SH-GRY GERY. MICA: SILVINISIS.	REMARKS ZO19 3/29 MIRT: SPUB & G:00PM. Drill 12/4 hole to 275'. RUN IN Gits, 85/8, 23 H-C- Z68'. Cement w/ 170 SX Z/GE1.3/. CC, /4 H CEll Flake PD & 12:30 Am 3/30/19. Cernot circ by BASIC
50 Heibner 3856		SH-SAM. TRE LS-GAY. DIEBRAJ, CRIM. FXTIA! TRA. BUIL. SH. US-SAA. SH-BUIL. CARB.	ENIERGIES. 3/30 RTD 275' WOC. Brill out under surface e 9:30 Am 3/31 \$ 1615' 4/1 \$ 2960' 4/2 \$ 3930' 4/3 \$ 4790' Bit tripe 4902' 4/4 \$ 5420' REACH RTD & 11:30 Am. RUN IELI LOSS 4/5 RTD 5625! Laydown drill Pipe. Run 51/2, 14 # Casing
3400		LS-ORM. TAN. 1== S/-MED. XTAN. 1720: CHACKY.LS. MOTTLED IN PART. BOLS. TOC. GRY. 1= GIESH CITY	to 5205'w/ 175'SK HSC Blend. PD @ 2:16Pm
- 50		SH-SAR-TRUSD-CIR, EGGATOSULTY: WELL CRIENTUD, MICA.	Surveys 275 - 3/4 522 - 1/2 989 - 3/4 1521 - 1/4 2024 - 3/4 2443 - 3/4
400D		SH-LFGAY. GAY. TRL. DK. GRY. MICH. SI. SI. by. SOFT.	2998 - 1' 3498 - 1' 4028 - 1' 4028 - 1' 4902 - 3/4' 5625 - 1'
. 50		SH-SAA-TRZ-SILTY.	VIS 55 W+ 9.3 WL 8.8 CHC GOOO PH 11.0 SOL 6.7 Lem O#
4100		LS- GRM. TAM. FXTIML TO SI.CHALKY. FRE. VUG. O. LS- SAA. FAIR BOC FOR. and Diffe. LS. N.S.	
50		LS-TAN, CRM, F-MICRO ETCA TO CHALLY-TRC COLLS. DAYS. LS-CRM, GRY. TAN. F- SI-MICR X TAN. F- CHALLY, SOFT-TOONS.	
4208		LS-TAN. GRY. EXTENS TO S/. MICQ. XTLAN DOS TO CHANKY CHANKY LS-SHA: CHANKY S). MD. XTLAN. SOFT. NO VIS. POZ.	
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. 4300		LS-SAA. SI. INCR. IN BONI LS. AND GOYSH, S LS - BON. FXT-ON. DONS	
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4400		LS- CRM. TTAN, E-MI(R. XTLAL GOOD VUG. POR. SI. FOSS. NIS. LS- SAA SH - CRY, LT. GRY	Andread and the state of the st
50		LS-CREMILLIANIE- SILGANIELIANIE- SILGANIELIANIE- SILGANIELIANIE- SILGANIELIANIELianieliani	
		LS-THW, CROM, EXTLANDOUS SHALEY IN CART. SH-GRY. DK. GRY. LS-THW, E-SI MOSTLANDOUS TROUBLE FASS. CHT.	
4500		LS SAA: LS CRIM, LT. TANX TW DALS TO CHALKY SET. OSL. PERSON N.S.	
50 STAPLE 250 & L. 170 & L. 17		SH. BUK CHRB. US-CRM, TAN, EXTLAI. MOSTLY DAS. W. SET. SI. FOSS. PR. Vog. POR. NO SHOWS. SH. BLK. CARB. W. LTC. D.K. GRY SHS.	Antique de procesió de des la company de de la de de la company de la co
3 KO 4626		SH-GRY-SI. KRAI/GRY SH-GRY-SI. KRAI/GRY LS-GRA TAN FXTLM SI. FOSS. DALS. SH-GRY-GRAIGRY, TRE BLY F RD/BOW.	
50 4644 (3180)		LS-CRM, THN. EXTLA/ DAS TO.CHALLY SHALEY IN PART LS-SAA. SH-CAY. DK. GRY. FXTCA TO.CHALKY. DAS:	A MANAGEMENT OF
-4700		SH-BUCCARB. REY. DIC. SAY LC-CRM, GRYTAN, EXTLA DAIS SHLY: NS: NO UIS. FOR	d described to the Both Control of the parties of the provident of the Control of
FT SCT - 4747 (= 3783) C HENZ SH 4753 (= 3289) LUTSO (= 384)		LS-CRM. TAN CATENT FOR TAN CS-MICRATURE SW-BUK, ARM/GRY, DIC ANY: LS-CRUN. TAN FXTUY. ST. Fdy. TATE SD-CLC. GRY BENTA CALC. WELLIAMBRITE TRC. GAS FEO	
4800 S 4806 (-3342) (-	* 400 400 400 400 400 400 400 400 400 400	SHARY BLK. GON/GOY SHARY BLK. GON/GOY CHT-WHY, PRESH TO WEATH SPT-SAT. STAL WL-FAR ODOR. 65 FD AND GAS. WKTO NO FLUOR SOT. VY9 FOR. CHT-WHY. FRESH-MOSTLY WEATH. W. GOOD PL. SAN. NO FWOR, STRONG ODOR GSEOG GAS	and the second s
50	* 14	CHT-SAA. (NCR. IN W. F//I. PP. PER. GSEO. TAL. GSEOTEL. FEES. SPILK. CHERTY S/LAO(0:	A CONTRACTOR OF THE PROPERTY O
4900		US-GOY, LT. GOY, CHERYY, SI. Dolo. EXTLAI DAIS. 45.40 Sample Still Carrying ON SAT. CHERT LINE ABOUT	E. MUDCO: 4907. VIS 54 WT 9.3 WL 8.8 PH 11.0 CHL 5000 SOL 5.4 LCM 6/2 #
50 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		SIDOLES FOR STANGED STANGED STANGED STANGED STANGED	
Sono Secono (Vo Time)		LS) DOID - GRY CT. RRY GRAJ/RRY SHACEY	
. 50 S		LS/ DOID - GRY CT. GRY GRAIL/GRY SHALEY: DAS: F-MICROXIVA MICR. XTCH SHLY: TO CHALLEY: SH-GRY, GRAIL/GRY TRC. DK. GRY BUK.	
5100		SH-DOLOMI, FIC: GARI- GARISH'S DECK IN CRM LS. Flood OF GAY: GRA/GAN/ 2 CT. GRY SHALE,	Malanasia da de la compansia d
50		SH - Bale KEU. GOW/KAY. SH - Bale KEU. GOW/KAY. DENSE TO CHALKY	
5200-		LS-CRM. GRY. E-MICRO XTLM. DAIS. TO SI. CHALKY. NS. SH-GRY. SOFT.	
50 SOPE VALA	1.0	SH-GAY, LT. GAY SH-BEK BRA, BRT. YELLOW, ELVOR, SPTS BLEEDING GOS.	
5300	*	SH-SAR. SH-	And the should be a should be
50 Nioco 5316 Hillion (-3852)		LS/DOIS - FXTWIGHT S/DOIS - SAA FXTW- LS/DOI - SAA	Cabina and an analysis of the second and a s
5400		LS-SAA. TAC. DOI: LS. LICE. IN TAN. FRESH CHT.	
\$1000.50.5444 \$1000.50.5444 \$1000.50.5444		S-CRM, TAN. F-SI, MKTO XTLM: DNS. TRC: LT. TAN. FRISCH CHT FOW SHE-GRO! GRN MY WAXY. SH-GRN, WAKY. GRN GRY. TRC. BLK. SD/DOID - TITE FINTR ONTWO, SICTY. SO-CLR, BAN; FORM! FRIENDS. FRIENDS. SH-GRN HA. WAKY. ANY PH GRY SHS.	
5500		SHIGHNIAGE W/ BK AND PH. CNY SH'S SD/DOL. TAN. CLIC. LT. BRW. TITE WELL LEMENTED FOW DEMBNIED FIAIRS SOME SILTY. SIZE SD- CRED LT. TAN. FINA. TO TITE MICA- FEW. CIM GUSTERS F. COM. SUB ANG	
		SH- GRA, GRY, GRA/GRY BUK, MICA, PYRT SD-CLIE, GRY, TON, EGRA TITE WELLE MT. MICA, TO GLA!, FOW FRIABLIE. SH-PALE GRY, WAXY, PYR BUK, DC GRY.	WL 8.8 РН 11.0 СН2 4000
50		SH-PALE GON. WANY, PYR. BLK DK. GON. FEW SO CIVETERS HA SD- QIR, TAN, LT, BRY WIELL LEM ENTED. TITE NO. VIS. FOR. SI. MICA. IN FEW. ABUND, LOOSE ATE GONING P. NO. K.	
5600 ARB 5606 (= 4142) (= 4142) (= 4142) (= 4142)	90"	DOU- THULL TO BROWN. FXTIN TO SI. MED.XTU DAIS. NO VIS PORCHIU SH-GRA. BLK. PK. GRY DOI. SAR. FEW W/ POOR (NTYLIN POR.	To the second control of the second control
DEPTH DRILLING TIME Minutes/Foot Rate of Panatration Increases COMPANY LOTUS OPERATING LEASE #3 600D LOCATION 1/00' FSL 1230' FWTEC:	LITHOLOGY	ELEVATION:	REMARKS



PAGE	CUST NO	YARD #	INVOICE DATE							
1 of 1	1002427	1718	04/01/2019							
	INVOICE NUMBER									

92941732

Pratt

(620) 672-1201

B LOTUS OPERATING CO. LLC

100 S MAIN ST STE 420

WICHITA

KS US 67202

O ATTN:

ACCOUNTS PAYABLE

LEASE NAME

GOOD 3

0 LOCATION

COUNTY

BARBER

STATE

KS

Т

JOB DESCRIPTION Cement-New Well Casing/Pi

Е JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE	ORDER NO.	,	TERMS	DUE DATE
41168407	19843				Net - 30 days	05/01/2019
	•		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Date	es: 03/30/2019 to	03/30/2019				
0041168407			•			
	ment-New Well Casing/					
60/40 Poz			170.00	SK	6.60	1,122.00
441 L8S Calcium			1.00		254.38	1
43 LBS Celloflake 55 Light Vehicle			1.00 1.00		87.51 136.13	
110 Heavy Equip			1.00		453.75	
·	k Delivery Charges		1.00		556.13	į.
Depth Charge, 0'	-1000'		1.00	HR	550.00	550.0
Blending & Mixing			170.00	1	0.77	
Service Superviso	or		1.00	HR	96.25	96.2
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PLEASE REMIT TO:

SEND OTHER CORRESPONDENCE TO:

BASIC ENERGY SERVICES, LP BASIC ENERGY SERVICES, LP PO BOX 841903 DALLAS, TX 75284-1903

801 CHERRY ST, STE 2100 FORT WORTH, TX 76102

SUB TOTAL TAX

3,387.05 109.79

INVOICE TOTAL

3,496.84



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

FIELD SERVICE TICKET 1718 **17729** A

ESSURE PUMPING & WIRELINE 36-345-134

DATE TICKET NO

DATE OF 3/	20/201	2 DIS	STRICT Press,	re	> /	NEW X C	DLD .	PROD IN	J MDW		SUSTOMER ORDER NO.:	<u>- 3.1</u>
CUSTOMER LOTUS OPERATIONS					LEASE GOOD WELL NO. 3							
ADDRESS					COUNTY B			OT ATE	<u> </u>		وي.	
	·								STATE	165		
CITY	101-		STATE			SERVICE CR	EW D	Frin, Br	es,	· · · · · · · · · · · · · · · · · · ·	·	* * <u>.</u>
AUTHORIZED E						JOB TYPE:	24.	2/85/8	Surla	ج ع		a.
EQUIPMENT			EQUIPMENT#	HRS	EQL	JIPMENT#	HRS	TRUCK CAL		3/	E AM S	TIME
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ITEM/PRICE REF. NO.			e written consent of an off				UNIT	WELL OWN	ER, OPERATOR		RACTÕR OR	
CP103	10/4	2 }	02				SK	170	/	. [2.040	06
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CC/02	Cello						Lb	43			159	10
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		ļ			MAT	ERIALS			K ON \$			
·		J						DISCO	enter T	OTAL	3387	<i>05</i>
												-

SERVICE
REPRESENTATIVE Les french

THE ABOVE MATERIAL AND SERVICE
ORDERED BY CUSTOMER AND RECEIVED BY 1, (a) 200 April 20



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

FIELD SERVICE TICKET

1718 17720 A

ENERGY SERVICES Phone 620-672-1201
PRESSURE PUMPING & WIRELINE 367347

DATE TICKET NO.

DATE OF JOB 3/30/2/15 DISTRICT P 5/11 /45						WEL□!	PROD - 🗌 IN	J ∵ □ WÞ/	N □ C	USTOMER IRDER NO.:			
CUSTOMER / C / C / C / C					LEASE 🏈	Cic. A				WELL NO.	3		
ADDRESS						COUNTY: STATE //							
CITY		STATE			SERVICE C								
AUTHORIZED B	Y .						15%	54.7	6 ra				
EQUIPMENT			HRS	EQU	JIPMENT#	HRS	TRUCK CAL	LED	DAT	E AM J	IME		
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		**************************************					RELEASED		1/20		Gt.		
							MILES FRO	M STATION	TO WELI	- 61	1. (A) 1. (B) 1.		
products, and/or su	pplies includes	to execute this contract as ar all of and only those terms ar out the written consent of an	nd conditions ap officer of Basic	pearing on Energy Se	the front and bac rvices LP.	ck of this doo	Cument. No add	itional or subs	stitute terms	and/or condition	ons shall		
REF. NO.		MATERIAL, EQUIPMEN	IT AND SERV	ICES US	ED	UNIT	QUANTITY	UNIT,	PRICE*	\$ AMOU	NT -		
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REPRESENTATIVE

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:



TREATMENT REPORT

Customer	otus C	م حر ر	16521	<i>^</i> •	L	ease No.						Date		12		1	
Lease Go	200				١	Well#	}	-					5	/ 30) /.	201	15
Field Order	#G Statio	~	759	+, 10	<u> </u>		•	Casing	5/8	Depth	270	County	BG	1 ber	<u> </u>	State	Ks
Type Job	Type Job 242/85/8 501/									rmation	10-2	75-		Legal De	escription 3	6-34	s - /34
	E DATA					DATA		FLUID	USED)			REAT		RESUME		
Casing Size	Tubing S	ize	Shots/F	t			Aci	d				RATE	PRES	SS	ISIP		
Depth 275	Depth		From		То		Pre	Pad			Max				5 Min.		
Volume / 7.	Volume	•	From		То	 	Pac	t			Min				10 Min.		
Max Press	Max Pres	ss	From	-	То		Fra	С			Ayg				15 Min.		
Well Connect	ion Annulus	Vol.	From		То						HHP Use	d	-		Annulus F	ressure	***
Plug Depth	Packer D		From		То		Flu	sh WS10	_		Gas Volu	me			Total Load	1	
Customer Re	presentative	<u>G</u> 5)	en 2	usck)	Station	Man	ager Jus	1.0 6	برى	eimen	Treat	er D	Srin	Fisn	161.0	
Service Units	92911		982			70559	,	21010					~	, , , ,	T		
Driver Names	Dario	Br	0)+	Bros		P152		D,52									
Time	Casing Pressure	11	ubing essure	Bbls	. Pun	nped		Rate					Servi	ce Log			
11:30 pm							٠		31	1	UC 93.	on /	561	Pety	Meer	ínc	
									17	051	c 60	140	PUZ	-, 3%	1 CS 19 L	M	
											dr. O.						
									14.	8PD	5, 1,2	2/ V	212	ري .	8 4152	CL	
-													*******				
3/30																	
12:00m	200	ļ .			3			6	PU	mρ	3 b	bls	WS.	101	-		
	200	<u> </u>			37	'		<u>6 </u>	m	У	1705	ic ce	mo	114	·	*	
	200	ļ.,·		-/	6			3	$D_{i,j}$	PIGI	ce 16	hhl	<u> </u>				
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Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:

LOTUS OPERATING COMPANY, LLC 100 S. MAIN, STE 420 WICHITA, KS 67202

Invoice Date:	4/5/2019
Invoice #:	0341233
Lease Name:	Good
Well#:	3 (New)
County:	Barber
Job Number	ICT1800

Date/Description	HRS/QTY	Rate	Total
ICT1899 Longsring-New well	0.000	0.000	0.00
Heavy Eq Mileage	55.000	3.400	187.00
Ton Mileage	544.000	1.275	693.60
Cement pump #231	1.000	1,275.000	1,275.00
Cement plug container	1.000	318.750	318.75
HSC Blend	175.000	20.400	3,570.00
-I-Plug	50.000	11.050	552.50
Mud flush	500.000	0.850	425.00
Centralizers 5 1/2"	5.000	51.000	255.00
Cement baskets 5 1/2"	1.000	255.000	255.00
5 1/2" Floatshoe-Flapper AFU	1.000	318.750	318.75
5 1/2" LD Plug & Baffle	1.000	297.500	297.50

Total		8,148.10
	1	

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.



HURRICANE SERVICES INC

Customer	Lotus Operating		t na	se & Well#	Goo	d #3				Date		/6/20219		
Service District	Med Lodge	· · · · · · · · · · · · · · · · · · ·		inty & State			Legals S/T/R	36-3	4 42	Job#	<u> </u>	10120219		
Job Type	Longstring	☑ PROD					New Well?	☑ YES	4-13 □ No					
		-1100	1147				Analysis - A Discus			Ticket#		ICT1899		
Equipment#	Driver Paul	T Dand hat			□ Glo		Andrysis - A Discus	□ Lockout/Tag	· ·		O. Planeta			
181/254	·	☐ Hard hat ☐ H2S Monitor				Protection	NO.	☐ Required Per		☐ Warning Signs ☐ Fall Protection				
74		☐ Safety Footwea			-		Protection	□ Slip/Trip/Fall						
77	Jake	☐ FRC/Protective		na			nemical/Acid PPE	□ Overhead Ha		□ Specific Job Se				
	Jake	Hearing Protec		ıı9		Extinguis				☐ Muster Point/I	viedicai Locai	nons		
		- ricaling riotec	Alon			Lingui		□ Additional concerns or issues noted below						
		Set 5.5" casing a	t 5204.	.88': HSC w	th 25%	excess.	50 sx for RH/MH	IIIIGIIG				·		
Product/ Service														
Code		Desc	ription				Unit of Measure	Quantity				Net Amount		
M010	Heavy Equipment M	lleage					mi	55.00	["			\$187.00		
M020	Ton Mileage						tm	544.00				\$693.60		
C015	Cement Pump						ея	1.00				\$1,275.00		
C050	Cement Plug Contai	ner					job	1.00				\$318.75		
			_											
CP031	HSC						sack	175.00				\$3,570.00		
CP055	H-Plug						sack	50.00				\$552.50		
CP170	Mud Flush						gal	500.00				\$425,00		
FE125	5 1/2" Centralizer						88	5.00				\$255.00		
FE130	5 1/2" Cement Bask	et					ea	1.00				\$255,00		
FE145	5 1/2" Float Shoe - A	VFU Flapper Type					ea	1.00				\$318.75		
FE170	5 1/2" Latch Down P	lug & Baffle					ea	1.00				\$297.50		
	17,50	******										_		

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		, , , , , , , , , , , , , , , , , , , 												
Custor	ner Section: On the	following scale h	O/A MOC	ıld you rate	Hurrica	ine Servic	es Inc.?				Net:	\$8,148.10		
n	-1							Total Taxable	\$ -	Tax Rate:		$\geq \leq$		
Bas	ed on this job, how	likely is it you w	vould r	ecommend	HSI to			State tax laws dee used on new wells		icls and services exempt. Hurricane	Sale Tax:	\$ -		
								Services relies on	the customer pi					
Uni	ikely 1 2 3	4 5	6	7 8	9	10	Extremely Likely	and/or products ar		mmalion if services	Total:	\$ 8,148.10		
					-			USI Penrese	ntativo	Turner Office	-	,		
								HSI Represe	manve:	Travis Willia	taka			

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 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 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 utilizated prequired 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 quarantee of future production performance. Customer represents and warrants that well and alth at well and alth and the production performance. Customer represents and warrants that well and alth at well and alth and the production performance. Customer represents and warrants that well and alth the well and attended to perform the use of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.



CUSTOMER AUTHORIZATION SIGNATURE



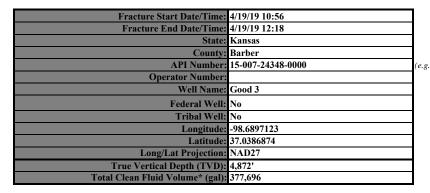
CEMENT TREATMENT REPORT				
Customer: Lotus Operating Company LLC	Well:	Good #3	Ticket:	ICT1899
City, State: Wichita Ks	County:	Barber	Date:	4/5/2019
Field Rep: Robyn Brown	S-T-R:	36-34-13	Service:	Longstring

nformation
7 7/8 in
ft
5.5 in
5204.9 ft
in
ft
ft
126 bbis

Slurr	У
Weight:	14.6 #/sx
Water / Sx:	6.97 gal / sx
Yield:	1.56 ft ³ / sx
Bbls / Ft.:	
Depth:	5204.88 ft
Volume:	bbls
Excess:	%
Total Slurry:	48.5 bbls
Total Sacks:	175 sx

	Cement Blend	
Product	%	#
Class A	100.0	16450
Gel	2.0	329
Gypsum	6.0	987
Caf- 38	0.3	41
KolSeal	5 #/sk	875
PhenoSeal	0.3	44
Salt	10.0	1016
CAL-160	0.5	82
	Total	19.823

											TOTAL	12,020	
TIME	RATE	PSI	BBLs		REMARKS	TIME	RATE	PSI	BBLs		REMARKS		
10:00 AM				Arrive									
10:05 AM				Safety meeti	ng								
10:10 AM				Rig up									
10:30 AM				Rig runs cas	ing								
				Centralizers	on JT 1,5,10,15,20								
				Basket on J	T 12								
12:45 PM				Casing on be	ottom/ circulate								
1:00 PM				pump ball th	rough								
1:05 PM	4.5	350.0	11.0	Mix 500 gai r	nudflush								
1:10 PM	3.0	50.0	12.5	Mix 50 sks H	-plug for RH and MH								
1:15 PM	4.6	350.0		Mix 175 sks (@ 1.56 yeild								
1:35 PM				Wash up									
1:40 PM	6.0	550.0	126.0	Displace									
1:50 PM		850.0		see lift									
1:55 PM				Slow rate									
2:00 PM		1,500.0		Bump plug									
2:15 PM				Release pres	sure								
2:20 PM				Float held									
2:25 PM				Wash up									
2:30 PM				Rig down									
3:00 PM				Depart									
												·	
		CREW			UNIT					SUMMARY	1		
Cem	enter:	Travis	Williams	s-Jake Heard	74-77		Average Rate		Average Pressure		Total Fluid		
Pump Ope	erator:	Paul V	Villiams		231]	4.525 bpm		608.33 psi		149.50 bbls		
	.ilk #1:	John I	olley		181-254]							
Bı	ılk #2:					1							





Additive	Specific Gravity	Additive Quantity	Mass (lbs)	
WATER	1.00	377,696	3,151,873	g
Sand	2.65	331,800	331,800	11
Plexcide P5	0.96	68	545	g
Plexcide P5	0.96	68	545	g
Plexsurf 580 ME	0.95	106	840	g
Plexsurf 580 ME	0.95	106	840	g
Plexsurf 580 ME	0.95	106	840	g
Plexsurf 580 ME	0.95	106	840	g
Plexsurf 580 ME	0.95	106	840	g
Plexgel 907L-EB	1.02	398	3,388	g
Plexgel 907L-EB	1.02	398	3,388	g
Plexslick 957	1.02	296	2,520	g
Plexgel XPA	1.03	78	670	g
Clayplex 650	1.15	374	3,589	g
				g
				g
				g
·				g
·				g
			Total Slurry Mass (Lbs)	

3,502,519

Ingredients Section:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive	Mass per Component (LBS)		Comments	Claimant Company	Claimant First Name	Claimant Last Name	Claimant Email	Claimant Phone (nnn-nnn-nnnn
					(% by mass)**		(% by mass)**						(11111-111111)
Water	Operator	Carrier/Base Fluid	Water	7732-18-5	100.00%	3,151,873	89.98875%						
Sand	Superior Silica Sand	Proppant	Crystalline Silica in the form of quartz	14808-60-7	100.00%	331,800	9.47318%						
Plexcide P5	Chemplex	Biocide	Methanol	67-56-1	20.00%	109	0.00311%						
Plexcide P5	Chemplex	Biocide	Tributyl Tetradecyl Phosphonium Chloride	81741-28-8	1.00%	5	0.00016%						
Plexsurf 580 ME	Chemplex	Surfactant	Diathanolamone	111-42-2	1.00%	8	0.00024%						
Plexsurf 580 ME	Chemplex	Surfactant	Ethylene glycol monobutyl ether	111-76-2	40.00%	336	0.00960%						
Plexsurf 580 ME	Chemplex	Surfactant	Methanol	67-56-1	2.00%	17	0.00048%						
Plexsurf 580 ME	Chemplex	Surfactant	Oleamide Dielhanolamide	61790-66-7	1.00%	8	0.00024%						
Plexsurf 580 ME	Chemplex	Surfactant	D-limonene	5989-27-5	1.00%	8	0.00024%						
Plexgel 907L-EB	Chemplex	Gelling Agent	Guar Gum	9000-30-0	35.00%	1,186	0.03385%						
Plexgel 907L-EB	Chemplex	Gelling Agent	Distillates (petroleum), Hydrotreated Light	64742-47-8	35.00%	1,186	0.03385%						
Plexslick 957	Chemplex	Friction Reducer	Distillates (petroleum), Hydrotreated Light	64742-47-8	14.00%	353	0.01007%						
Plexgel XPA	Chemplex	Breaker	Hydrogen Peroxide	7722-84-1	8.00%	54	0.00153%						
Clayplex 650	Chemplex	Clay Control	Calcium Chloride	10043-52-4	1.00%	36	0.00102%						
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All component information

^{*}Total Water Volume sources may include fresh water, produced water, and/or recycled water
** Information is based on the maximum potential for concentration and thus the total may be over 100%