

Co	nfiden	tiality	/ Requested:
	Yes	N	lo

Kansas Corporation Commission Oil & Gas Conservation Division

1190911

Form ACO-1 August 2013 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. 15
Name:		Spot Description:
Address 1:		SecTwpS. R 🗌 East 🗌 West
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:
□ Oil □ WSW □ SWD	SIOW	Producing Formation:
☐ Gas ☐ D&A ☐ ENHR	SIGW	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW	Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)		Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):		Multiple Stage Cementing Collar Used? Yes No
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 Tota	I Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENH	R Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW	Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:		Chloride content: ppm Fluid volume: bbls
_		Dewatering method used:
SWD Permit #:		Location of fluid disposal if hauled offsite:
☐ ENHR Permit #:		Operator Name:
GSW Permit #:		Operator Name: License #:
	Completion Date or	QuarterSecTwpS. R EastWest
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
Geologist Report Received
UIC Distribution
ALT I II Approved by: Date:

Page Two



Operator Name:				Lease N	Name: _			_ Well #:		
Sec Twp	S. R	East	West	County	:					
	ow important tops of fo ing and shut-in pressu o surface test, along wi	res, whe	ther shut-in pre	ssure reacl	hed stati	c level, hydrosta	tic pressures, bo			
Final Radioactivity Logilles must be submitted						gs must be ema	iled to kcc-well-lo	ogs@kcc.ks.go	v. Digital	electronic log
Drill Stem Tests Taken (Attach Additional S		Ye	es No			3	on (Top), Depth a			Sample
Samples Sent to Geol	ogical Survey	Ye	es 🗌 No		Nam	9		Тор	L	Datum
Cores Taken Yes Electric Log Run Yes										
List All E. Logs Run:										
			CASING	RECORD	│ Ne	w Used				
		Repo				rmediate, producti	on, etc.			
Purpose of String	Size Hole Drilled		e Casing : (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
									<u> </u>	
Purpose	Depth					EEZE RECORD				
Purpose: Perforate	Top Bottom	Туре	of Cement	# Sacks Used Type and Percent Additives						
Protect Casing Plug Back TD										
Plug Off Zone										
Did you perform a hydrau	ilic fracturing treatment or	n this well?	·			Yes	No (If No, sk	ip questions 2 ar	nd 3)	
	otal base fluid of the hydra		•		•			ip question 3)		
Was the hydraulic fractur	ing treatment information	submitted	to the chemical of	disclosure reg	gistry?	Yes	No (If No, file	out Page Three	of the ACC)-1)
Shots Per Foot			ID - Bridge Plug Each Interval Perl				cture, Shot, Cemen		b	Depth
TUBING RECORD:	Size:	Set At:		Packer At	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or ENH	R.	Producing Meth Flowing	nod:	g 🗌	Gas Lift C	other (Explain)			
Estimated Production Per 24 Hours	Oil Bl	bls.	Gas	Mcf	Wate	er Bl	ols.	Gas-Oil Ratio		Gravity
DIODOGITI	ON OF CAC			ACTUOD OF	COMPLE	TION		DDODUGT		
Vented Sold	ON OF GAS: Used on Lease		N Open Hole	NETHOD OF \Box Perf.	Dually	Comp. Con	nmingled	PRODUCTIO	λΝ ΙΝΙΕΚ\	/AL:
(If vented, Sub			Other (Specify)		(Submit A		mit ACO-4)			

Form	ACO1 - Well Completion
Operator	Lotus Operating Company, L.L.C.
Well Name	Piester D 1
Doc ID	1190911

All Electric Logs Run

Dual Induction
Neutron Density w/PE
Sonic
Micro

Form	ACO1 - Well Completion
Operator	Lotus Operating Company, L.L.C.
Well Name	Piester D 1
Doc ID	1190911

Tops

Name	Тор	Datum
Heebner	3940	-1949
Lansing	4121	-2130
ВКС	4506	-2515
Miss	4659	-2668
Viola	4758	-2767
Simp Sh	4880	-2889
Arb	4989	-2998
RTD	5025	-3034
LTD	5029	-3038

Form	ACO1 - Well Completion
Operator	Lotus Operating Company, L.L.C.
Well Name	Piester D 1
Doc ID	1190911

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	14.75	10.75	29	274	60/40 poz mix		2% g, 3%cc
Production	7.875	5.5	14	4812	Class A ASC	150	Latex



PO Box 93999 Southlake, TX 76092

(817) 546-7282

Voice: (817) 546-7282 Fax: (817) 246-3361

Bill To:

Lotus Operating Co., LLC Lotus Exploration Co. 100 S. Main, STE 420 Wichita, KS 67202

RECEIVED

NOV 1 6 2013

INVOICE

Invoice Number: 139636

Invoice Date: Nov 9, 2013

Page: 1

Now Includes:



Customer ID	Field Ticket #	Payment	Terms
Lotus	56817	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-01	Russell	Nov 9, 2013	12/9/13

Quantity	Item	Description	Unit Price	Amount
1.00	WELLNAME	Piester 2#1		
135.00	CEMENT MATERIALS	Class A Common	17.90	2,416.50
90.00	CEMENT MATERIALS	Pozmix	9.35	841.50
3.87	CEMENT MATERIALS	Gel	23.40	90.56
7.25	CEMENT MATERIALS	Chloride	64.00	464.00
151.73	CEMENT SERVICE	Cubic Feet	2.48	376.29
245.83	CEMENT SERVICE	Ton Mileage	2.60	639.16
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
36.00		Pump Truck Mileage	7.70	277.20
36.00		Light Vehicle Mileage	4.40	158.40
1.00		Tony Pfannenstiel		
	EQUIPMENT OPERATOR	Nathan Donner		
1.00		Danny Sinner		
		GL# 9208 DESC. Comal scul ass		

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1,693.96

ONLY IF PAID ON OR BEFORE
Dec 4, 2013

TOTAL ENTERED	7,040.40
	7,048.46
Payment/Credit Applied	
Total Invoice Amount	7,048.46
Sales Lax	7.040.46
Sales Tax	272.60
Subtotal	6,775.86
	0.775.96

NOV 1 8 2013

-1,693.96 5,354.50

ALLIED OIL & GAS SERVICES, LLC Federal Tax 1.D.# 20-5975804 056817

ALLIED OIL & GAS	SERVICES, LLC 056817 SERVICE POINTS Resselp to Morrected
REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINTS Respect to
DATE 1.9.13 SEC. 5 TWP. RANGE CALL LEASE PESTING WELL# / LOCATION Prof H OLD OR NEW (Circle one) 14 m W OA 1	ON LOCATION JOB START JOB FINISH ZOM ZOO MA COUNTY STATE KIOWA KS
TYPE OF JOB HOLE SIZE CASING SIZE CASING SIZE DEPTH DRILL PIPE DEPTH TOOL PRES. MAX MINIMUM MEAS. LINE CEMENT LEFT IN CSG. DEPTH SHOE JOINT 15	CEMENT AMOUNT ORDERED 225 4940 + 31. cc. + 21. g.D COMMON 135 @ 19.90 2416.50 POZMIX 90 @ 9.35 841.50 GEL 3.87 @ 23.40 90.56 CHLORIDE 7.25 @ 24.00 464.00 ASC @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @
BULK TRUCK # 473 DRIVER DAMY S. BULK TRUCK # DRIVER REMARKS: ** Circulated the with much	#ANDLING 151.73 @ 3.48 3.760.29 MILEAGE: 3.45.83 2.60 639.15. TOTAL 482800
An Surface. To Ran 225 SK 6/40 0 30 2000. Cemut Cinculated to Junga. Displaced cement 25.70 400 Coment cinculated to Surface. Shat in surface 2 4300 ps.: CHARGE TO: Lotus Operating	DEPTH OF JOB
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	month out a decide the first of the first
SIGNATURE Charles Rome	DISCOUNT 1693.96 IF PAID IN 30 DAYS Net 5081.89



PO Box 93999 Southlake, TX 76092

Voice: Fax: (817) 546-7282 (817) 246-3361

Bill To:

Lotus Operating Co., LLC Lotus Exploration Co. 100 S. Main, STE 420 Wichita, KS 67202

INVOICE

Invoice Number: 139828

Invoice Date: Nov 16, 2013

Page: 1

RECEIVED

NOV 2 5 2013

Customer ID	Field Ticket#	Payment Terms		
Customer ID	59612	Net 30 Days		
Lotus	Camp Location	Service Date	Due Date	
Job Location	Medicine Lodge	Nov 16, 2013	12/16/13	
KS1-02	Wicdionic Loage	1,10, 10, 20, 1		

Quantity	Item	Description	Unit Price	Amount
1.00		Piester D #1		507.00
		Class A Common	17.90	537.00
20.00		Pozmix	9.35	187.00
150.00		ASC	20.90	3,135.00
750.00		Kol Seal GL# 9308	0.98	735.00
		FL-160 DESC. Coment place	18.90	1,332.45
		Elo Saal	2.97	111.38
223.00	CEMENT SERVICE	Cubic Feet - (Sa)	2.48	553.04
	CEMENT SERVICE	Ton Mileage	2.60	830.70
		Production WELL # VICE	3,099.25	
30.00		Pump Truck Mileage	7.70	231.00
1.00		Manifold REntal	275.00	275.00
30.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	132.00
1.00	EQUIPMENT SALES	5 1/2 Guide Shoe	153.10	153.10
	EQUIPMENT SALES	5-1/2 AFU insert	171.80	171.80
	EQUIPMENT SALES	5-1/2 Centralizer	28.50	142.50 159.40
	EQUIPMENT SALES	5-1/2 Basket ENTERED	159.40	
	EQUIPMENT SALES	5-1/2 Rubber Plug	51.25	51.25
1.00		Jake Heard NOV 2 6 2013		
1	EQUIPMENT OPERATOR	Scott Priddy		
1.00		James Bowen		
			<u> </u>	44 026 07
444 5546	ES ARE NET PAYABLE	Subtotal		11,836.87 530.55

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$

2,367.38

ONLY IF PAID ON OR BEFORE

Dec 11, 2013

Subtotal	11,836.87
Sales Tax	530.55
	12,367.42
Total Invoice Amount	12,001
Payment/Credit Applied	
TOTAL	12,367.42

- 2,367.38

ALLIED OIL & GAS SERVICES, LLC 059612 Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092 SERVICE POINT:

Midicial Lodge KS

DATE 11-16-13	SEC. 25	TWP. 295	RANGE	CA	LLED OUT	ON LOC 7:00	_	JOB START	JOB FINISH 12500 Am
LEASE PRESTER D	ł	}	LOCATION CO	t Ks	TAKE CUTU			Pratt	STATE KS
OLD OR NEW C			2 1/2 West					j	
CONTRACTOR	Duke 7				OWNER L	otus Ol	ocratin	19	
	Productio	<u>u</u>				·	•	J	
	7/8		5029.5		CEMENT		<u>جنہ</u> ۔	1	ALC: A
CASING SIZE S	1/2	DE	PTH 4799.3 7	·	AMOUNT C	RDERED	SOSX	60:40:4	1004
TUBING SIZE			PTH				1 Kolse	alt.5% F1	140+
DRILL PIPE			PTH		1/4# F/O	Seq/			
TOOL			PTH		COLUMNI	26		017.90	537.00
PRES. MAX			NIMUM OE JOINT 32 ′		COMMON_ POZMIX _			@ 9.35	187.00
MEAS. LINE	N.CCC 7		OF JOINT 25.		GEL	~_		@ <u>/ / / / / / / / / / / / / / / / / / /</u>	
CEMENT LEFT I	N CSG. S	<u> </u>			CHLORIDE			@	
PERFS.	118				ASC			@20.90	3135.00
DISPLACEMENT					Holsen	7 75	0=(@ -98	735.00
	EQU	IPMENT	ľ		F1-160			@ 18.90	1332.45
						al 3		@ 7.97	111.37
PUMP TRUCK	CEMENT	ER JAL	CE HEARD					_@	
# 558/555	HELPER	Scott	Priddy					@	
BULK TRUCK			,				*******	@	
# 381/252	DRIVER	JAMES	s Bowen					@	
BULK TRUCK								@	
#	DRIVER				HANDLING	G <i>2</i> 2	3/	@2.48	553.04
					MILEAGE	10.65	30/		830.70
	RE	MARKS	•			- 1		TOTA	L <i>7421.</i> 56
				. .					••
Pipe on Bet		ent C	rc Pressure	/cs+			SERV	ICE	
Min Pot t	Monto	Mix+	Rmp cm+.						
Stra Since	ibles	wash	to Pit SW	0	DEPTH OF	JOB 4	1799.	32	
Values Re	lease of	uc St	art Displacem	4.4	PUMPTRU	JCK CHAR	ے_GE	3099.25	
1:f1 A1 82.6	BL Slow	to five	Slow to 3 at	106886	EXTRA FO	OTAGE_			
Bump plus 6	HERBL	Float	He11		MILEAGE	_30_		_@ <u>7.7°</u>	231.00
32227-77-3					MANIFOL	D		@	275.00
					1.0	<u>३०</u>		_@ <i>4.40</i>	/32.00
								@	
CHARGE TO: _	Luc	C De Cert	ling		rýř.				- 4
CHARGE TO.	<u> </u>	CPU9.	4					TOTA	1.3737.25
STREET									
CITY	S	TATE	ZIP			PLUG	& FLOA	T EQUIPME	ENT
			استعر	/	1- Cours	le Shoe		@	153.10
			5	/ Z.	I After i	'asent			171.80
			0		5 Cont	cstzers		@28.9	0 1421-50
To: Allied Oil					1- Bast	Q+		@	154.40
You are hereby	requested	to rent c	ementing equipn	nent	1- Rub	her Ol	vg	@	<u> 51.25 </u>
and furnish cer	nenter and	helper(s) to assist owner	or		7			
contractor to de	o work as i	s listed.	The above work	was				TOTA	al <u>678.05</u>
done to satisfac	ction and s	upervisio	on of owner agen	t or					
contractor. I ha	ave read ar	nd under	stand the "GENE	RAL	CALECTA	X (If Any)			
TERMS AND	CONDITION	ONS" lis	ted on the revers	e side.	SALES IF	zy (n mily)		C) / C	1
	-	_			TOTAL C	HARGES_		836.8	<u>o</u>
	X :///		25	-				IE D	AID IN 30 DAY
PRINTED NAM	1E				→ DISCOUN	11 ———	0:11	0 110	50 5711
	(\cdot, \cdot)	. 6	$\langle \lambda \rangle$			NE+	946	9.48	
in the X	-K	m2	1100m	_					

HYDRAULIC FRACTURING FLUID PRODUCT COMPONENT INFORMATION DISCLOSURE Fracture Date: 12/5/2013 County: Kiowa County, KS Operator Name: Lotus Operating Well Name and Number: Piester D #1 Total Base Fluid Volume (gal)*: 368700

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	pplier Purpose Ingredients Serv Num		Abstra applier Purpose Ingredients Servi Numb		lier Purpose Ingredients Servi Numl		Chemical Abstract Service Number (CAS#)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	
Plexslick 957	Chemplex	Friction Reducer	Petroleum Hydrotreated Light Distillate	64742-47-8	25%	0.0175719%					
Plexsurf 580 ME	Chemplex	Product Stabalizer	Methyl Alcohol	67-56-1	10%	0.0025201%					
Plexsurf 580 ME	Chemplex	Product Stabalizer	2-Butoxyethanol	111-76-2	50%	0.0126005%					
Claymax	Chemplex	Clay Stabalizer	No hazardous ingredient								
Plexcide B7	Chemplex	Biocide	Sodium Hydroxide	1310-73-2	5%	0.0002500%					
Plexcide B7	Chemplex	Biocide	Alkaline Bromide Salts								
Plexgel Breaker XPA	Chemplex	Breaker/Slickwater	Hydrogen Peroxide	7722-84-1	7%	0.0014089%					
Plexset 730	Chemplex	Activator	Methanol	67-56-1	50%	0.5000000%					
Plexset 730	Chemplex	Activator	Alcohol Ethoxylates	Mixture	60.00%	0.6000000%					
Frac Sand	Uniman	Propant	Crystalline Silica in the form of Quartz	14808-60-7	100.00%	26.4%					
Plexgel Breaker 10L	Chemplex	Breaker/Gel	No hazardous ingredient								
			1								